

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032153.D
 Acq On : 17 Oct 2022 12:51
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 18 03:54:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	113529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38705	21.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.820%#		
35) Dibromofluoromethane	5.391	113	24903	16.937	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.880%#		
50) Toluene-d8	8.647	98	86316	16.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	33.480%#		
62) 4-Bromofluorobenzene	11.079	95	39157	19.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28548	22.838	ug/l	97
3) Chloromethane	1.288	50	23642	19.588	ug/l	97
4) Vinyl Chloride	1.374	62	25741	19.139	ug/l	94
5) Bromomethane	1.612	94	20562	20.655	ug/l	98
6) Chloroethane	1.685	64	22162	22.197	ug/l	97
7) Trichlorofluoromethane	1.886	101	47437	22.606	ug/l	99
8) Diethyl Ether	2.136	74	16298	23.495	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	23312	23.505	ug/l	95
10) Methyl Iodide	2.453	142	27925	23.225	ug/l	99
11) Tert butyl alcohol	2.989	59	29498	118.613	ug/l #	81
12) 1,1-Dichloroethene	2.319	96	21437	23.135	ug/l	93
13) Acrolein	2.239	56	24215	115.680	ug/l	97
14) Allyl chloride	2.666	41	38345	23.417	ug/l	98
15) Acrylonitrile	3.069	53	73666	123.394	ug/l	99
16) Acetone	2.392	43	50251	115.583	ug/l	94
17) Carbon Disulfide	2.514	76	52220	22.460	ug/l	100
18) Methyl Acetate	2.709	43	43927	24.809	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	91760	23.858	ug/l	95
20) Methylene Chloride	2.788	84	29722	22.235	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	28935	23.047	ug/l	97
22) Diisopropyl ether	3.764	45	89936	22.107	ug/l	97
23) Vinyl Acetate	3.721	43	365221	114.924	ug/l	99
24) 1,1-Dichloroethane	3.611	63	50533	21.313	ug/l	98
25) 2-Butanone	4.562	43	104840	112.860	ug/l	99
26) 2,2-Dichloropropane	4.477	77	40426	21.663	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33697	22.315	ug/l	95
28) Bromochloromethane	4.898	49	20324	20.979	ug/l	94
29) Tetrahydrofuran	5.013	42	57245	102.748	ug/l	95
30) Chloroform	5.099	83	48055	18.519	ug/l	99
31) Cyclohexane	5.471	56	39511	19.607	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	42477	20.418	ug/l	99
36) 1,1-Dichloropropene	5.696	75	39286	18.468	ug/l	99
37) Ethyl Acetate	4.721	43	40762	19.095	ug/l	99
38) Carbon Tetrachloride	5.678	117	40417	17.941	ug/l	99
39) Methylcyclohexane	7.379	83	50577	19.811	ug/l	100
40) Benzene	6.038	78	119360	20.060	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21350	19.396	ug/l	96
42) 1,2-Dichloroethane	6.092	62	50442	20.240	ug/l	100
43) Isopropyl Acetate	6.342	43	65731	20.433	ug/l	100
44) Trichloroethene	7.129	130	33132	19.762	ug/l	97
45) 1,2-Dichloropropane	7.434	63	30247	20.404	ug/l	93
46) Dibromomethane	7.586	93	20912	18.364	ug/l	92
47) Bromodichloromethane	7.824	83	42650	20.105	ug/l	99
48) Methyl methacrylate	7.696	41	33942	20.819	ug/l	98
49) 1,4-Dioxane	7.690	88	14397	430.690	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	167646	84.986	ug/l	99
52) Toluene	8.720	92	64406	16.989	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33073	17.478	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	39582	17.813	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27442	19.068	ug/l	98
56) Ethyl methacrylate	9.116	69	38715	18.836	ug/l	98
57) 1,3-Dichloropropane	9.311	76	53662	21.267	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	82505	81.025	ug/l	95
59) 2-Hexanone	9.433	43	162913	111.477	ug/l	100
60) Dibromochloromethane	9.519	129	31624	21.240	ug/l	100
61) 1,2-Dibromoethane	9.610	107	33940	21.837	ug/l	98
64) Tetrachloroethene	9.275	164	31981	19.530	ug/l	93
65) Chlorobenzene	10.080	112	84925	19.615	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	30638	20.421	ug/l	98
67) Ethyl Benzene	10.195	91	152858	20.089	ug/l	98
68) m/p-Xylenes	10.299	106	117022	40.105	ug/l	94
69) o-Xylene	10.640	106	57194	19.920	ug/l	97
70) Styrene	10.659	104	93753	20.206	ug/l	97
71) Bromoform	10.799	173	20471	19.398	ug/l #	96
73) Isopropylbenzene	10.964	105	152579	20.434	ug/l	98
74) N-amyl acetate	10.842	43	56336	21.551	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	47484	19.836	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	44227m	20.286	ug/l	
77) Bromobenzene	11.201	156	35559	19.563	ug/l	98
78) n-propylbenzene	11.305	91	178401	19.938	ug/l	98
79) 2-Chlorotoluene	11.366	91	109006	19.722	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	130715	19.833	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10934	19.658	ug/l #	78
82) 4-Chlorotoluene	11.457	91	125484	19.483	ug/l	96
83) tert-Butylbenzene	11.713	119	126471	19.507	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	133934	20.195	ug/l	97
85) sec-Butylbenzene	11.890	105	160729	19.809	ug/l	99
86) p-Isopropyltoluene	12.012	119	137997	20.430	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	68244	19.427	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	69472	19.598	ug/l	98
89) n-Butylbenzene	12.335	91	119270	21.417	ug/l	98
90) Hexachloroethane	12.542	117	20242	21.595	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	68624	20.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10899	25.553	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	42081	22.571	ug/l	99
94) Hexachlorobutadiene	13.725	225	17500	22.397	ug/l	97
95) Naphthalene	13.774	128	139747	22.430	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42962	23.018	ug/l	99

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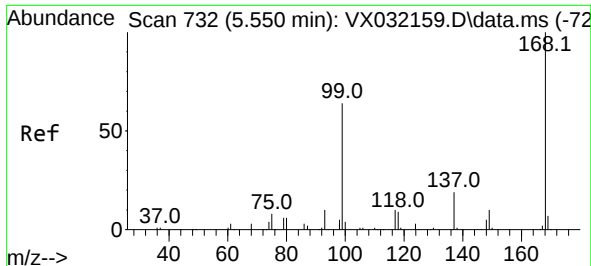
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

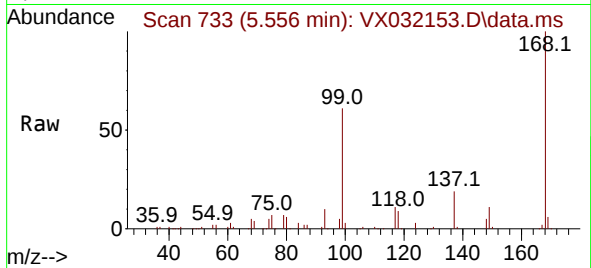
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX032153.D
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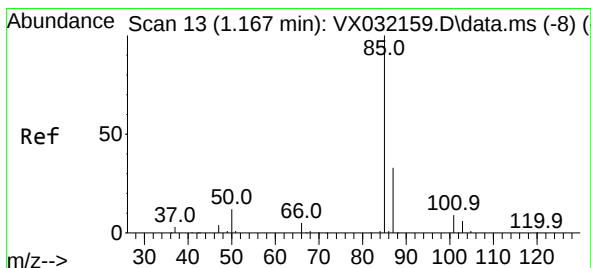
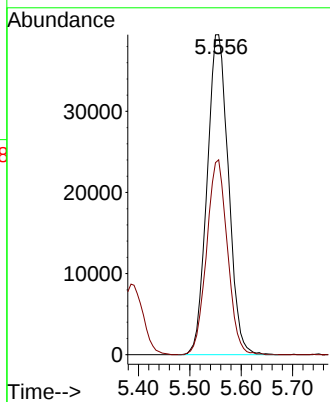
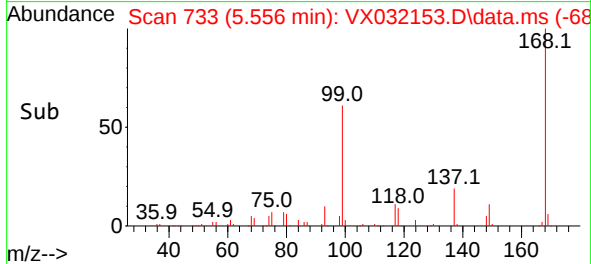
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 113529
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2

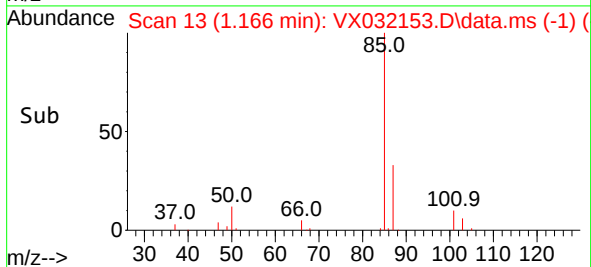
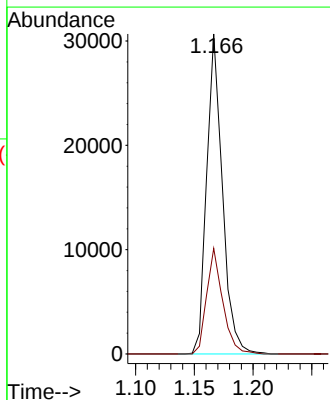
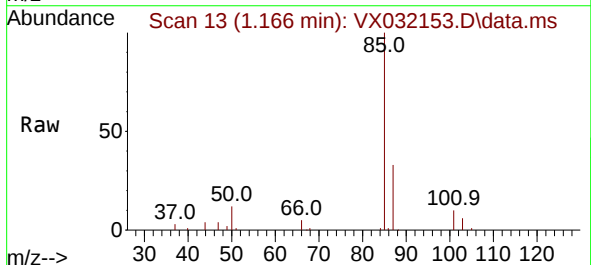
Manual Integrations
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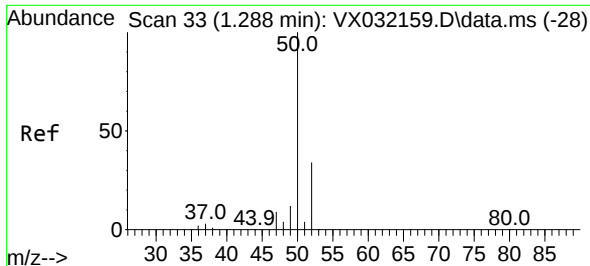
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#2
Dichlorodifluoromethane
Concen: 22.838 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 85 Resp: 28548
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





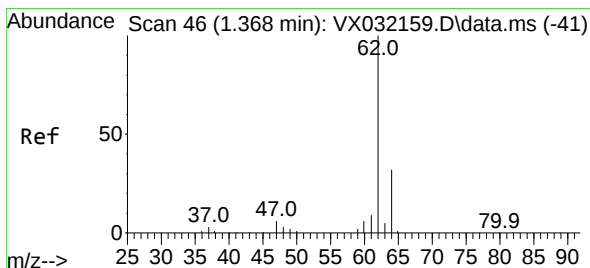
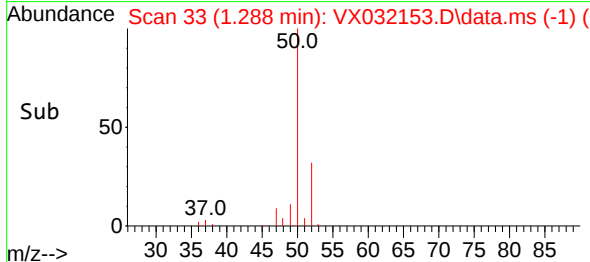
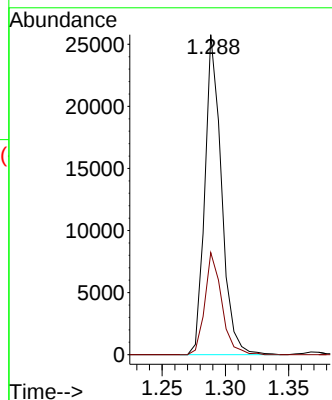
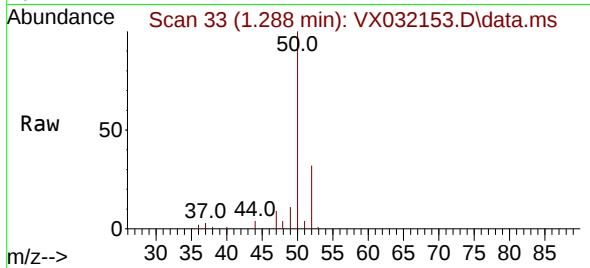
#3
Chloromethane
Concen: 19.588 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 2364
Ion Ratio Lower Upper
50 100
52 31.9 26.9 40.3

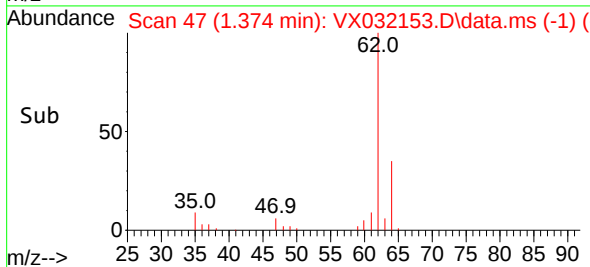
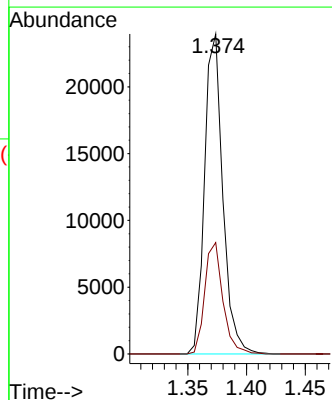
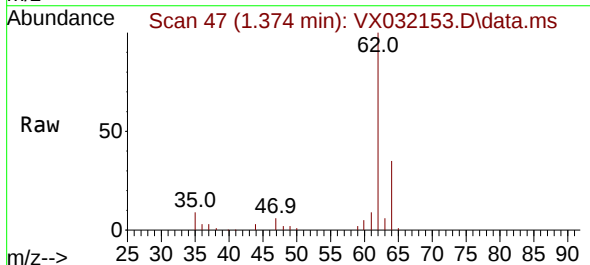
Manual Integrations
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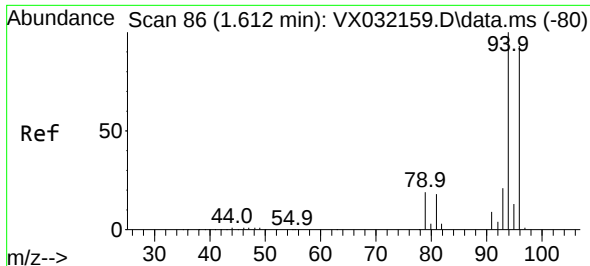
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#4
Vinyl Chloride
Concen: 19.139 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

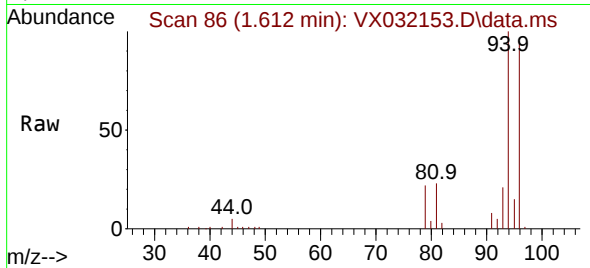
Tgt Ion: 62 Resp: 25741
Ion Ratio Lower Upper
62 100
64 34.8 25.3 37.9





#5
Bromomethane
Concen: 20.655 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

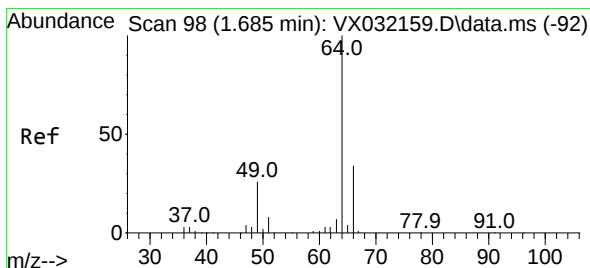
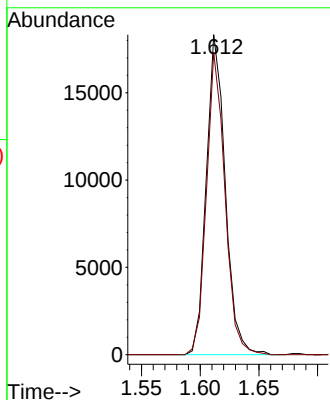
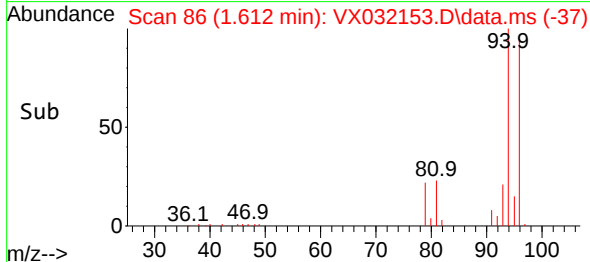
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Tgt Ion: 94 Resp: 20562
Ion Ratio Lower Upper
94 100
96 94.5 74.4 111.6

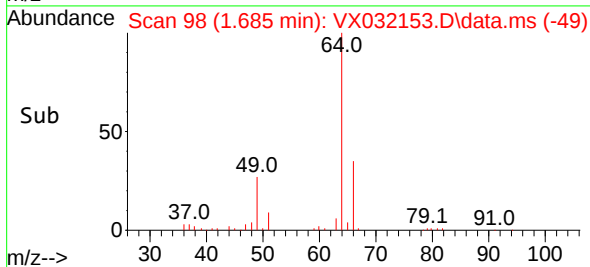
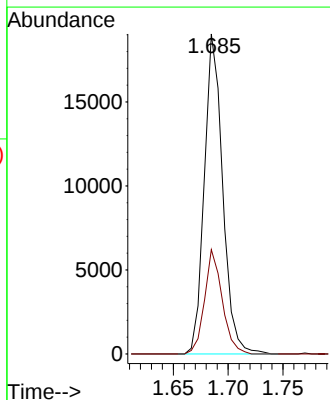
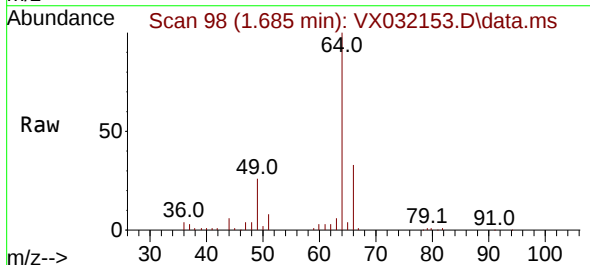
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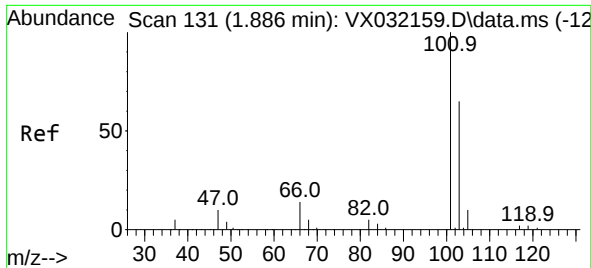
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#6
Chloroethane
Concen: 22.197 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032153.D
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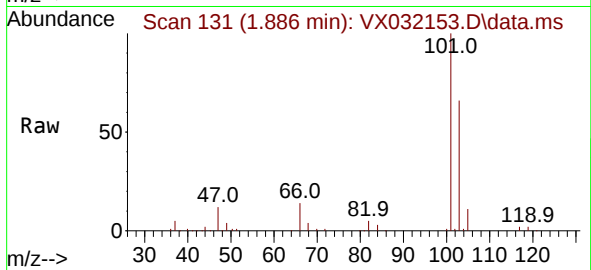
Tgt Ion: 64 Resp: 22162
Ion Ratio Lower Upper
64 100
66 32.6 25.0 37.4





#7
Trichlorofluoromethane
Concen: 22.606 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
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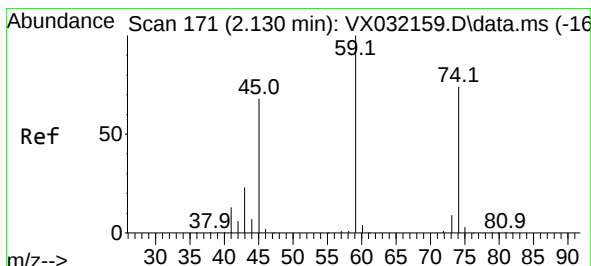
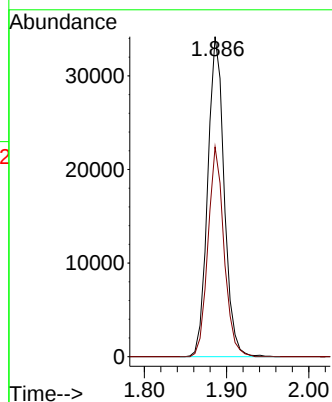
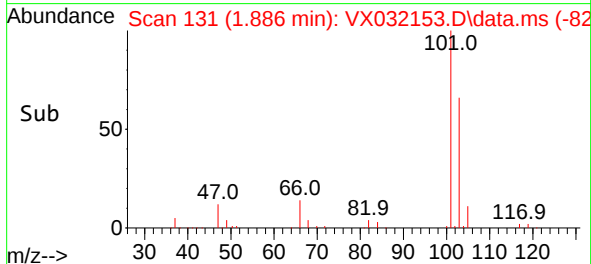
Instrument :
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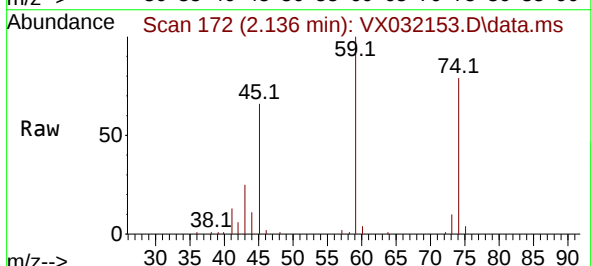
Tgt Ion:101 Resp: 4743
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6

Manual Integrations
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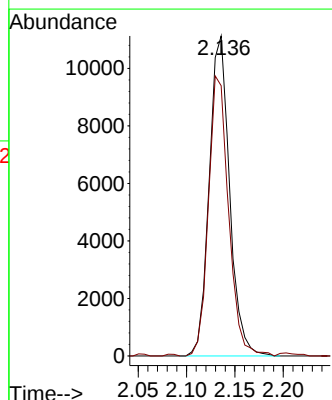
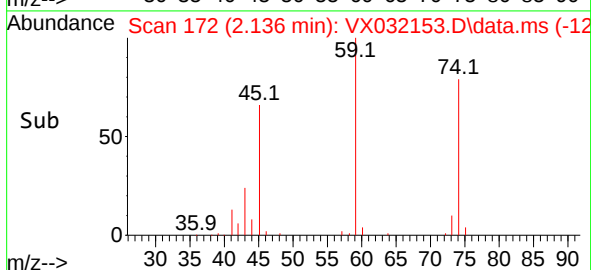
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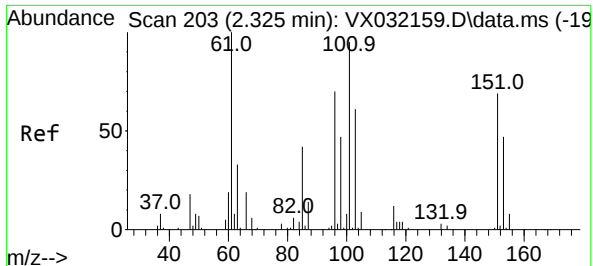


#8
Diethyl Ether
Concen: 23.495 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51



Tgt Ion: 74 Resp: 16298
Ion Ratio Lower Upper
74 100
45 86.6 48.5 145.6





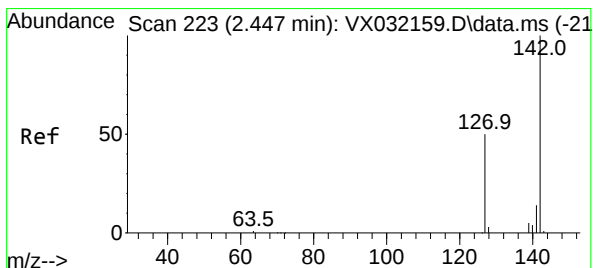
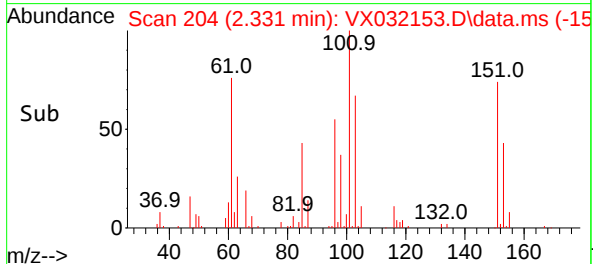
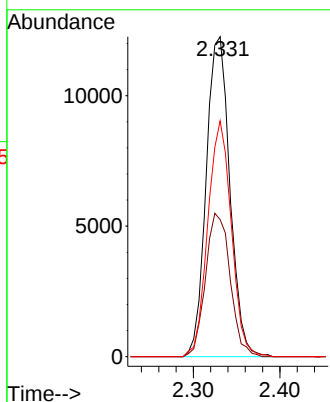
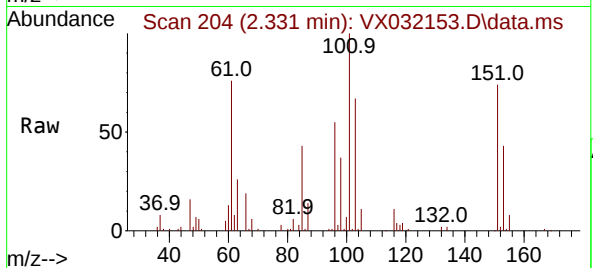
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.505 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2331
Ion Ratio Lower Upper
101 100
85 46.5 38.6 57.8
151 73.2 54.0 81.0

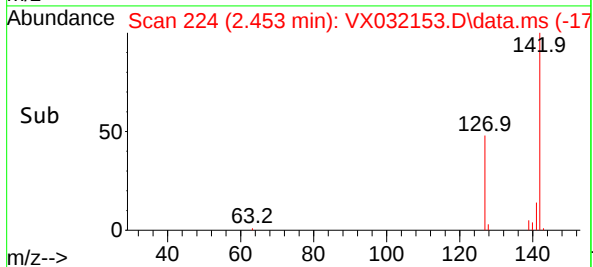
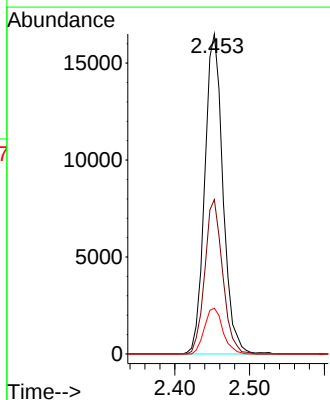
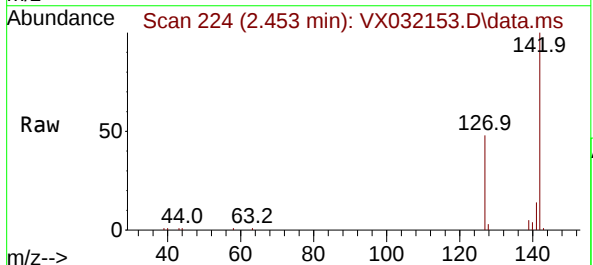
Manual Integrations
APPROVED

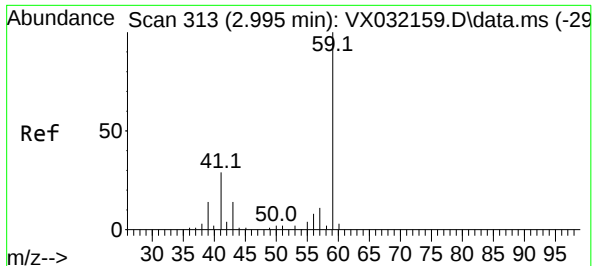
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 23.225 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion:142 Resp: 27925
Ion Ratio Lower Upper
142 100
127 47.3 37.4 56.0
141 14.5 11.6 17.4





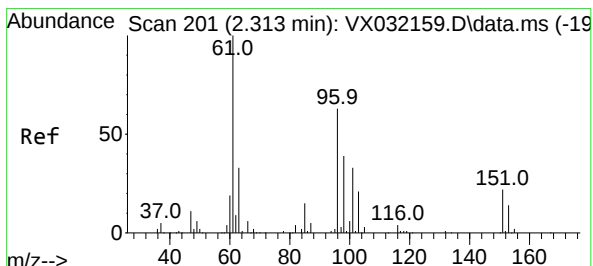
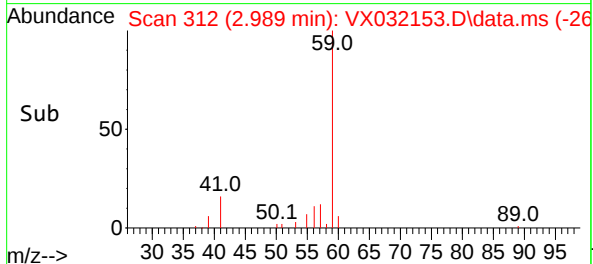
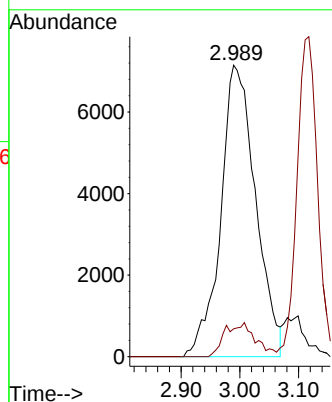
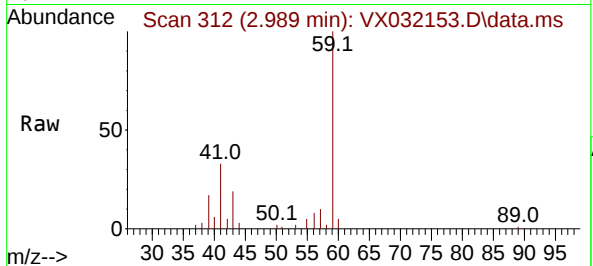
#11
Tert butyl alcohol
Concen: 118.613 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 29498
Ion Ratio Lower Upper
59 100
57 3.0 8.2 12.2

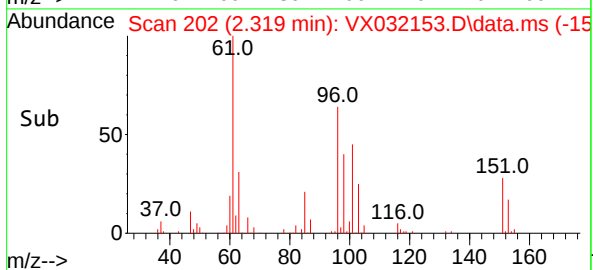
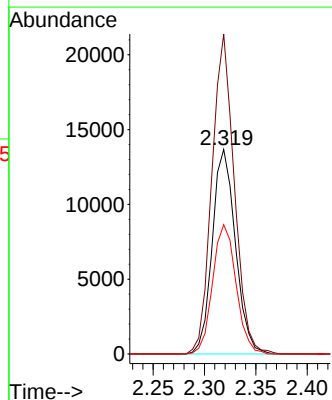
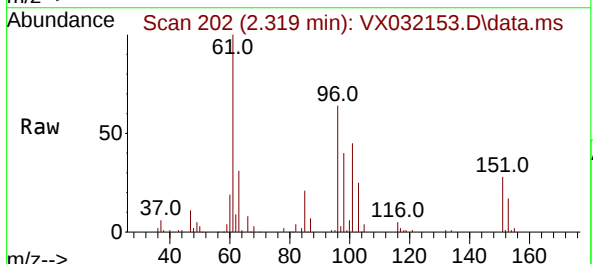
Manual Integrations
APPROVED

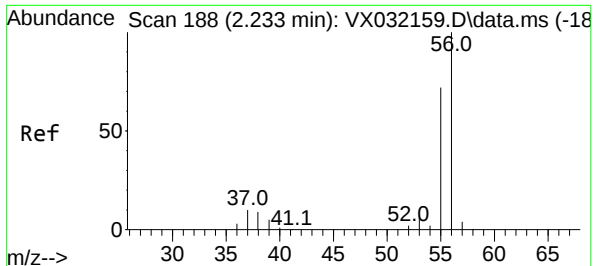
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#12
1,1-Dichloroethene
Concen: 23.135 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

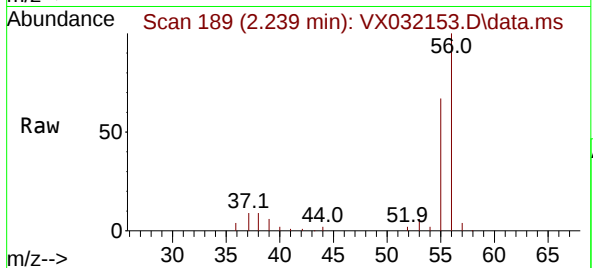
Tgt Ion: 96 Resp: 21437
Ion Ratio Lower Upper
96 100
61 156.5 135.3 202.9
98 63.2 49.4 74.2





#13
Acrolein
Concen: 115.680 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

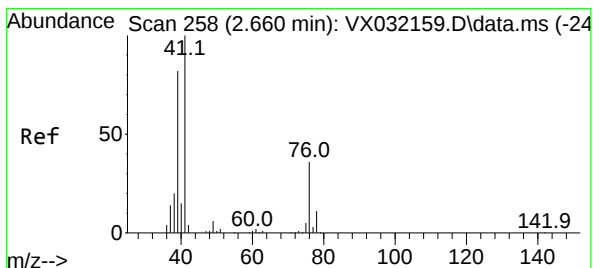
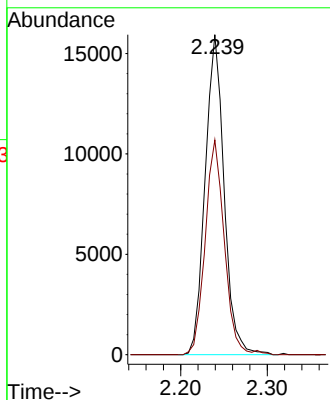
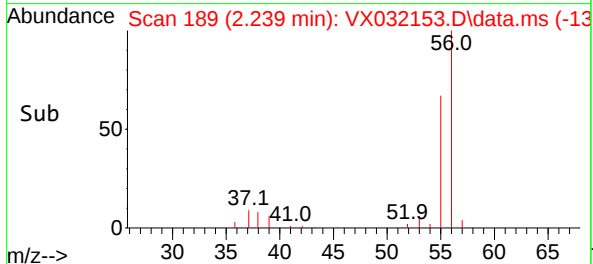
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



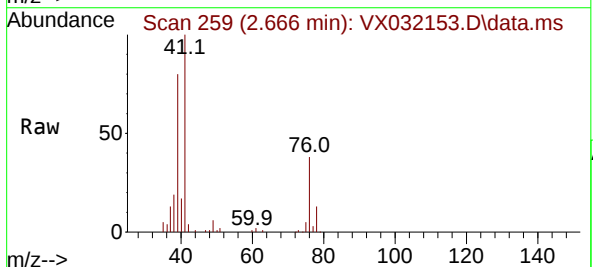
Tgt Ion: 56 Resp: 24215
Ion Ratio Lower Upper
56 100
55 67.9 56.0 84.0

Manual Integrations
APPROVED

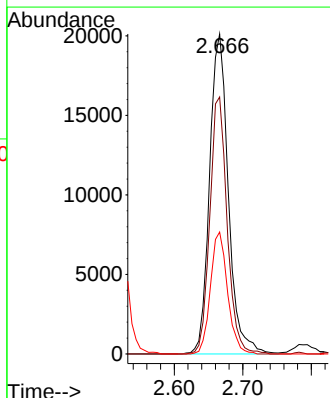
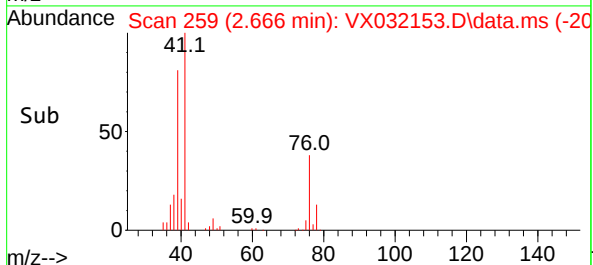
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

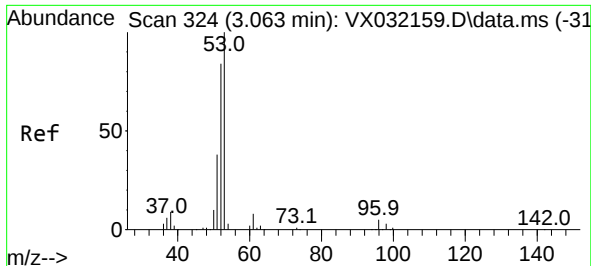


#14
Allyl chloride
Concen: 23.417 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51



Tgt Ion: 41 Resp: 38345
Ion Ratio Lower Upper
41 100
39 74.2 58.2 87.4
76 34.8 26.9 40.3





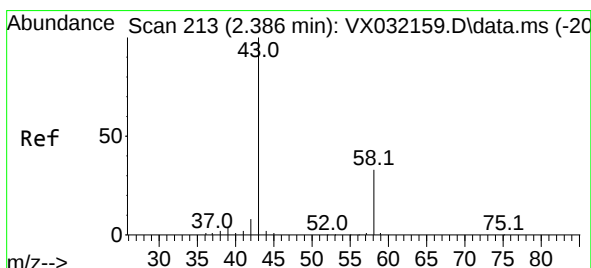
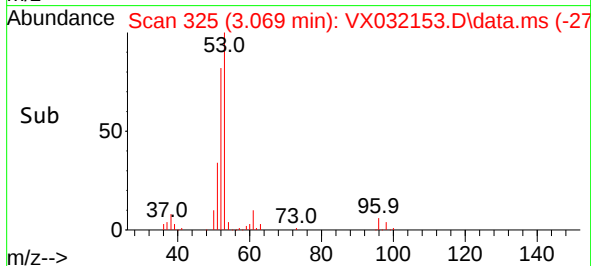
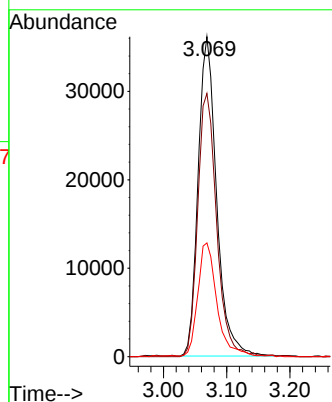
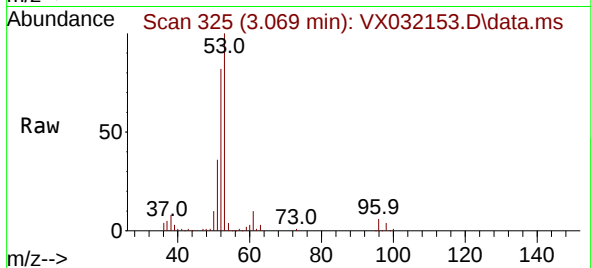
#15
Acrylonitrile
Concen: 123.394 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 7366
Ion Ratio Lower Upper
53 100
52 84.6 66.9 100.3
51 37.3 30.0 45.0

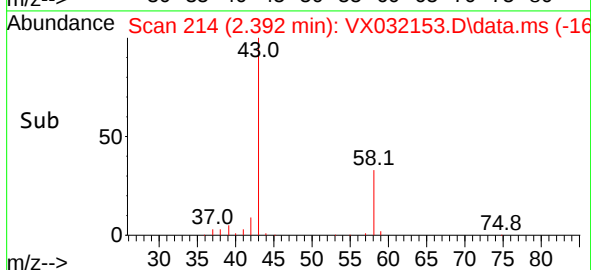
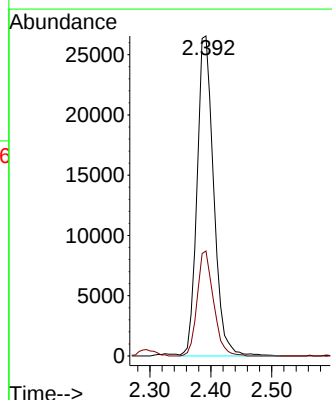
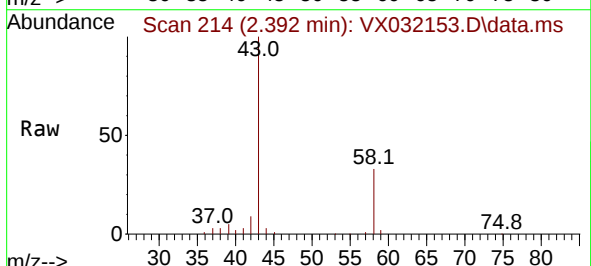
Manual Integrations
APPROVED

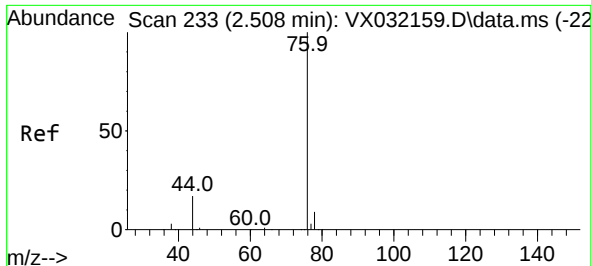
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#16
Acetone
Concen: 115.583 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 43 Resp: 50251
Ion Ratio Lower Upper
43 100
58 32.8 23.8 35.8





#17

Carbon Disulfide

Concen: 22.460 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 52220

Ion Ratio Lower Upper

76 100

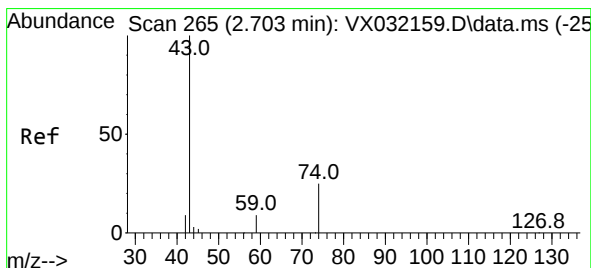
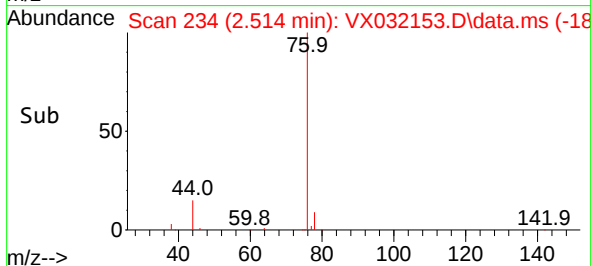
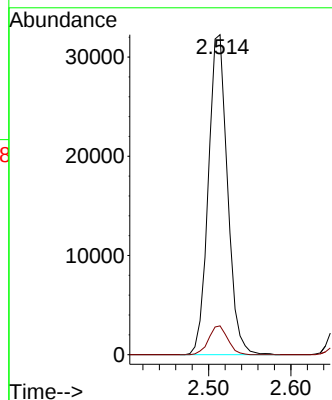
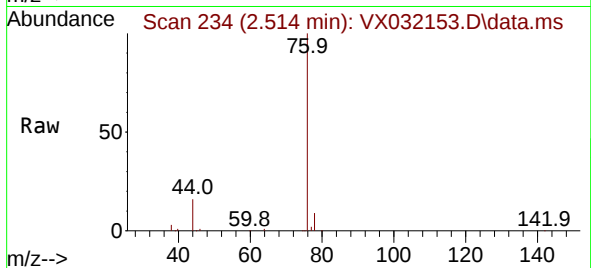
78 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#18

Methyl Acetate

Concen: 24.809 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX032153.D

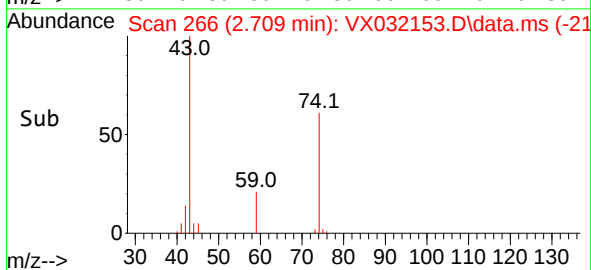
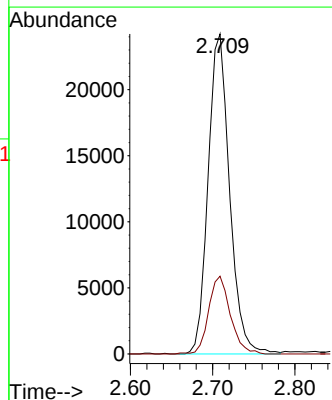
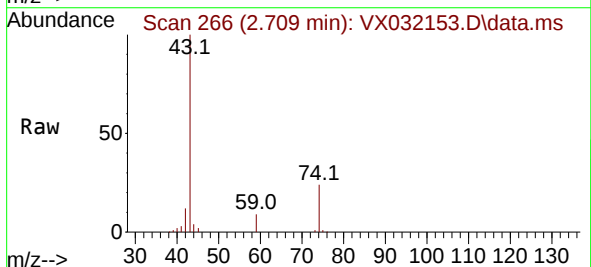
Acq: 17 Oct 2022 12:51

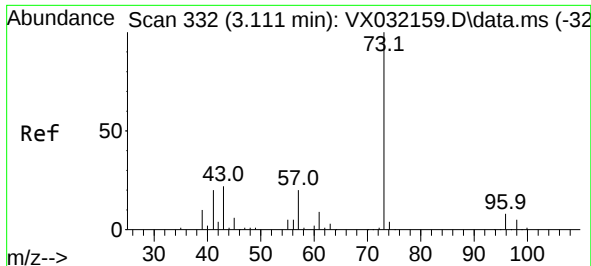
Tgt Ion: 43 Resp: 43927

Ion Ratio Lower Upper

43 100

74 24.6 18.6 27.8





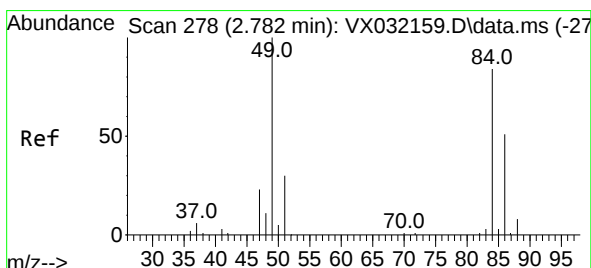
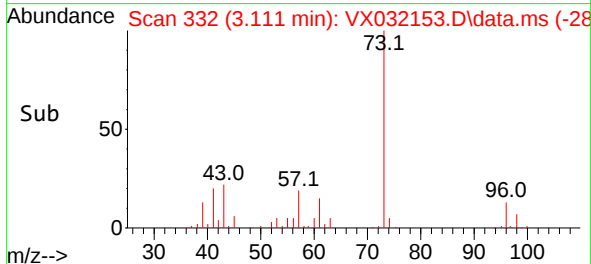
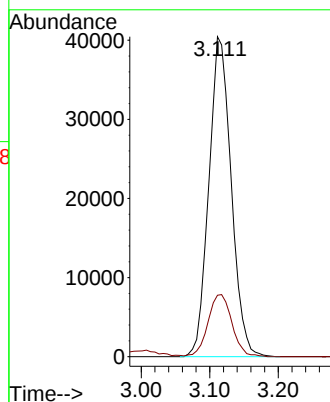
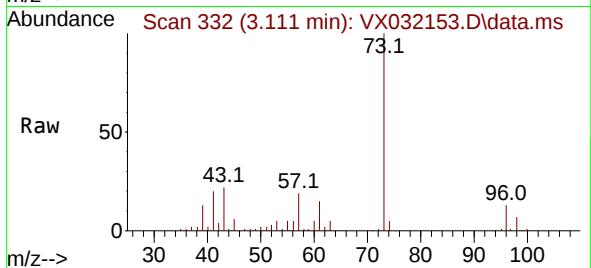
#19
Methyl tert-butyl Ether
Concen: 23.858 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 91760
Ion Ratio Lower Upper
73 100
57 19.2 17.2 25.8

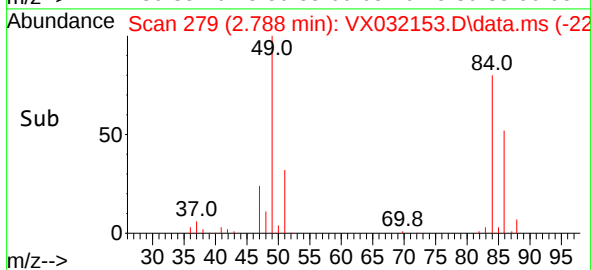
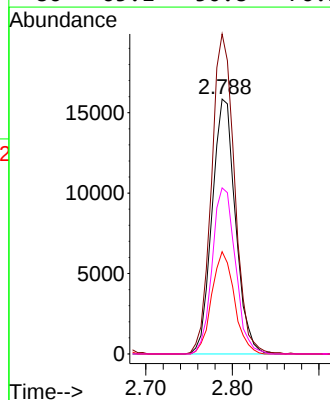
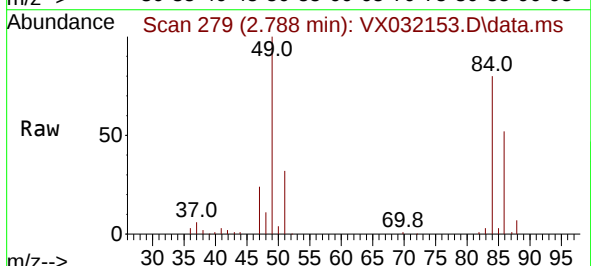
Manual Integrations
APPROVED

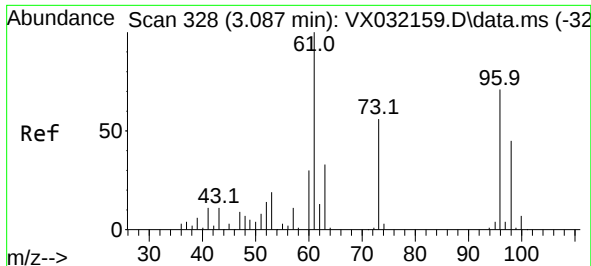
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 22.235 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

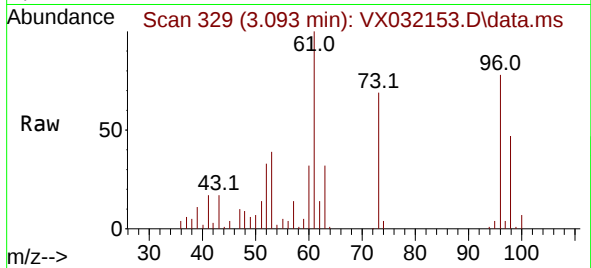
Tgt Ion: 84 Resp: 29722
Ion Ratio Lower Upper
84 100
49 125.6 105.9 158.9
51 40.1 32.2 48.2
86 65.1 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 23.047 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

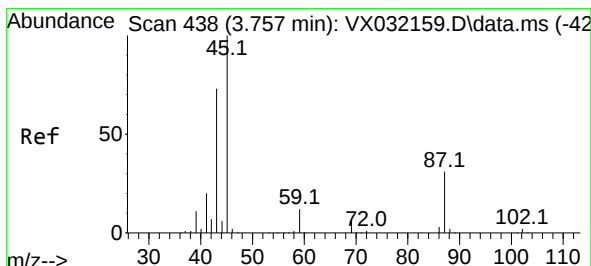
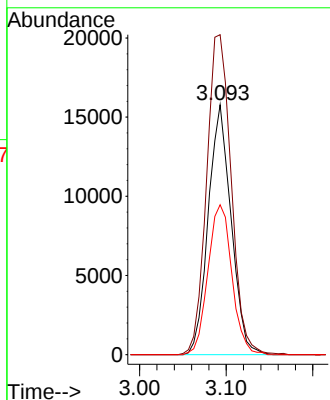
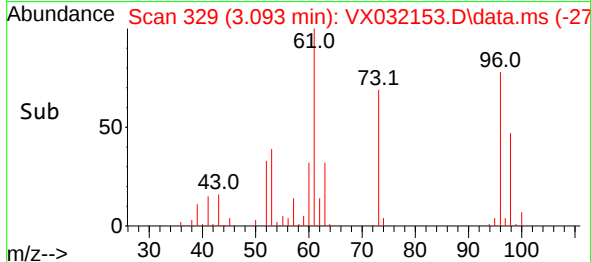
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



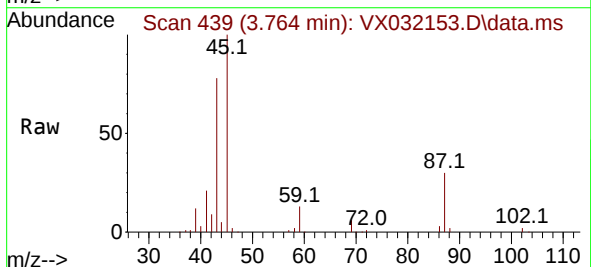
Tgt Ion: 96 Resp: 2893
Ion Ratio Lower Upper
96 100
61 128.1 106.7 160.1
98 60.0 48.7 73.1

Manual Integrations
APPROVED

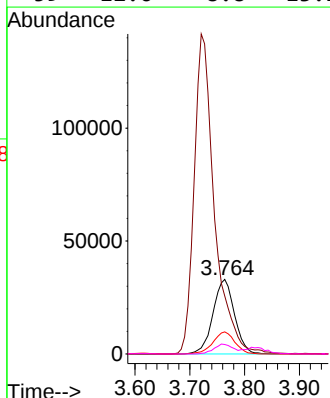
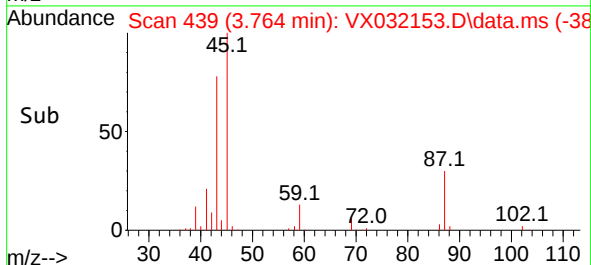
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

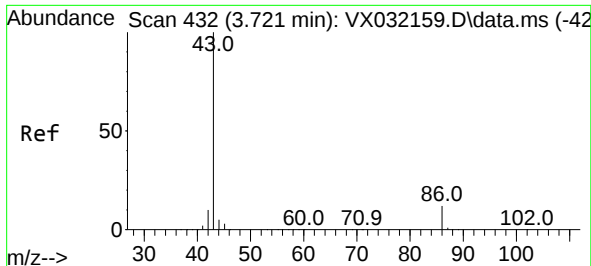


#22
Diisopropyl ether
Concen: 22.107 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51



Tgt Ion: 45 Resp: 89936
Ion Ratio Lower Upper
45 100
43 76.6 59.0 88.6
87 29.5 22.6 33.8
59 12.6 8.8 13.2





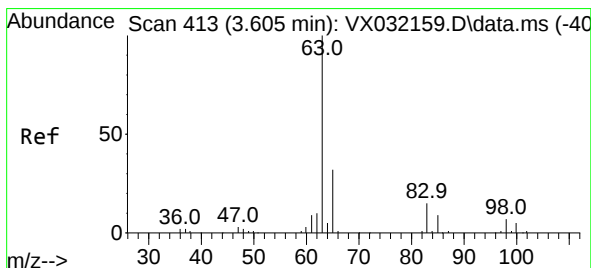
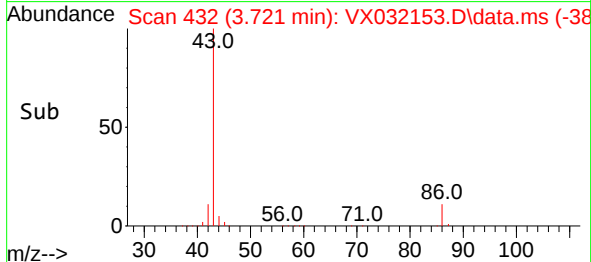
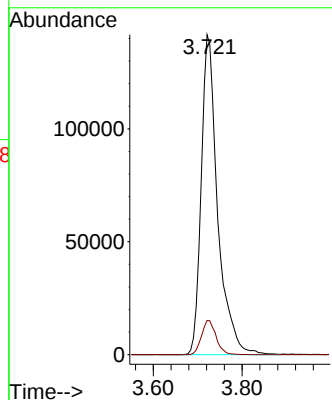
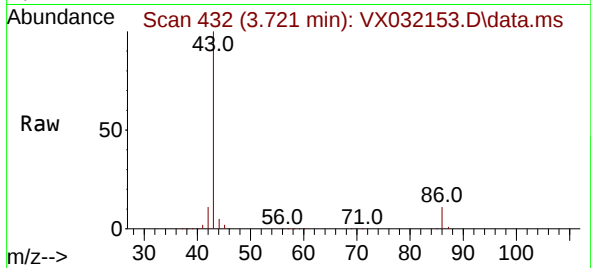
#23
 Vinyl Acetate
 Concen: 114.924 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032153.D
 Acq: 17 Oct 2022 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 36522
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

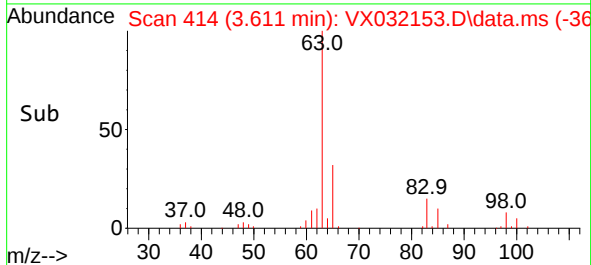
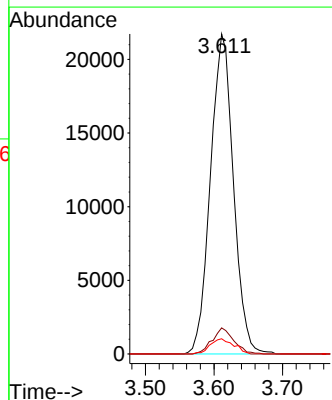
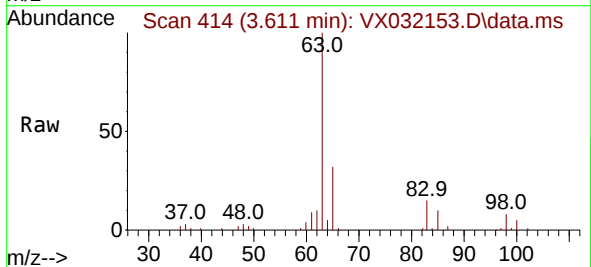
Manual Integrations
 APPROVED

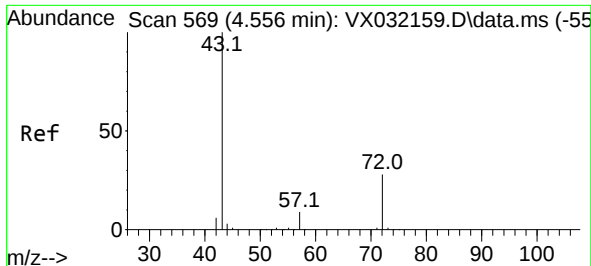
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#24
 1,1-Dichloroethane
 Concen: 21.313 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX032153.D
 Acq: 17 Oct 2022 12:51

Tgt Ion: 63 Resp: 50533
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 4.7 2.4 7.2





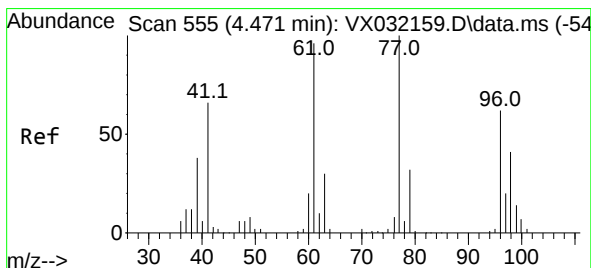
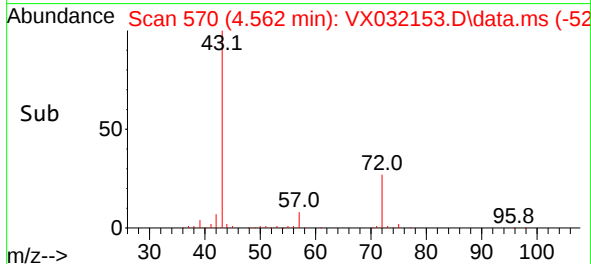
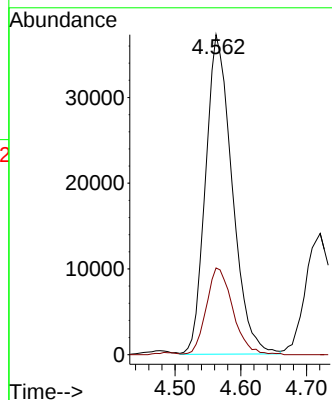
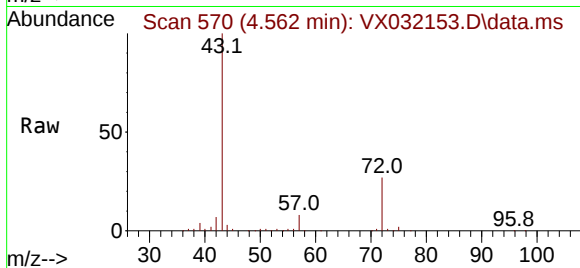
#25
2-Butanone
Concen: 112.860 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 104840
Ion Ratio Lower Upper
43 100
72 26.9 21.1 31.7

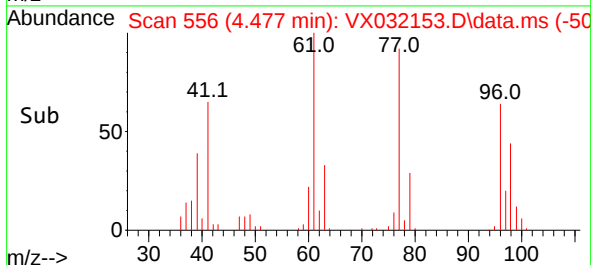
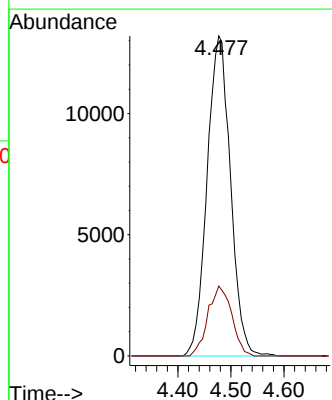
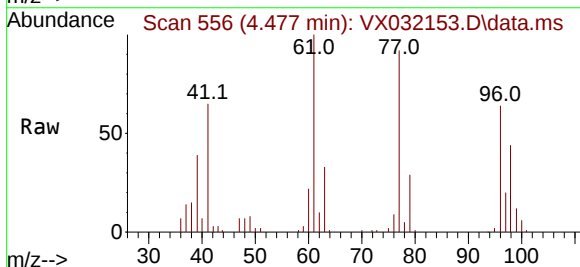
Manual Integrations
APPROVED

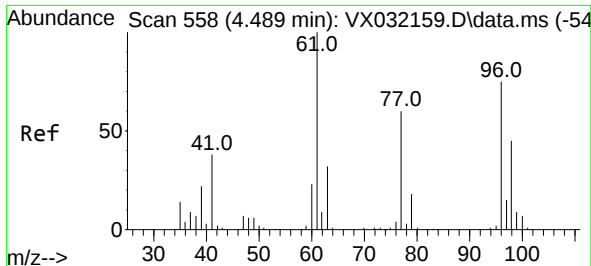
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 21.663 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 77 Resp: 40426
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 22.315 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 3369

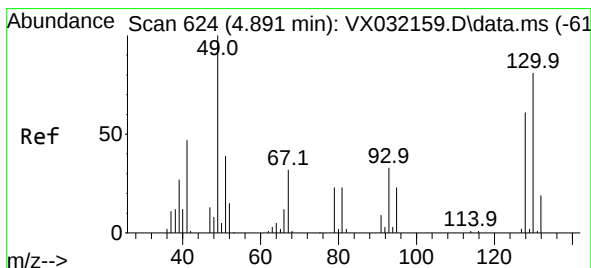
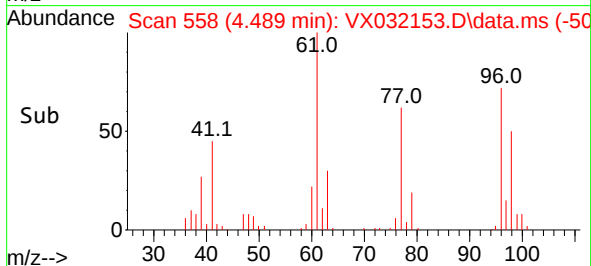
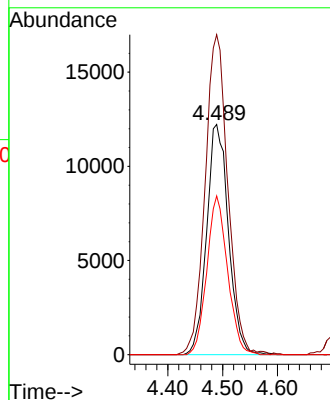
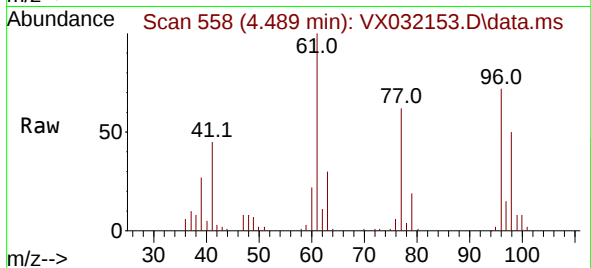
Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	305.2
98	65.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#28

Bromochloromethane

Concen: 20.979 ug/l

RT: 4.898 min Scan# 625

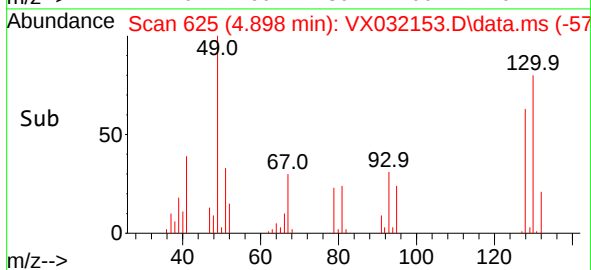
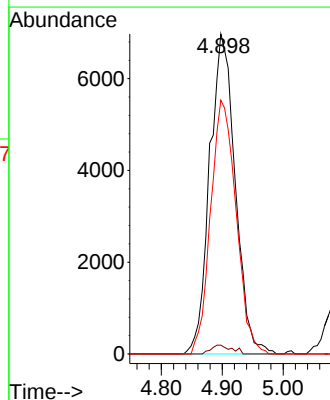
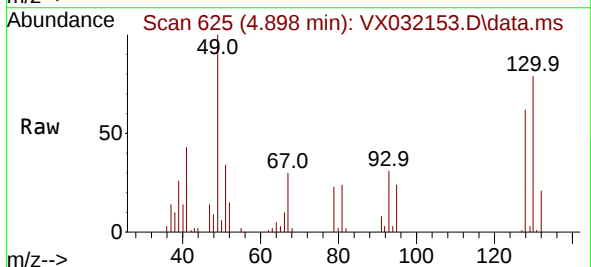
Delta R.T. 0.006 min

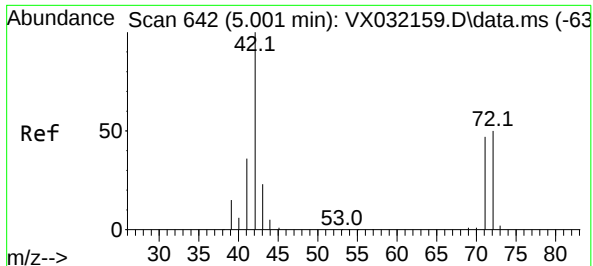
Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Tgt Ion: 49 Resp: 20324

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	78.9	59.0	88.4





#29

Tetrahydrofuran

Concen: 102.748 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

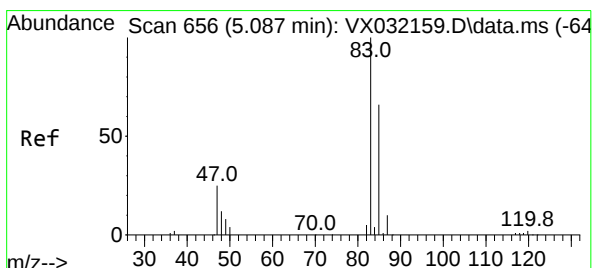
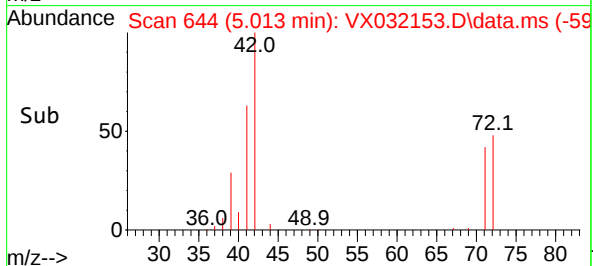
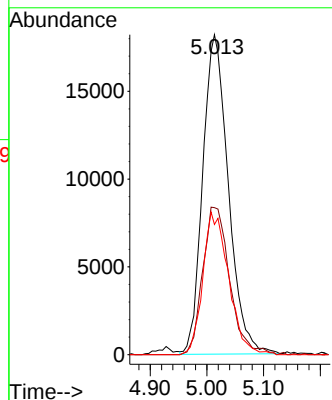
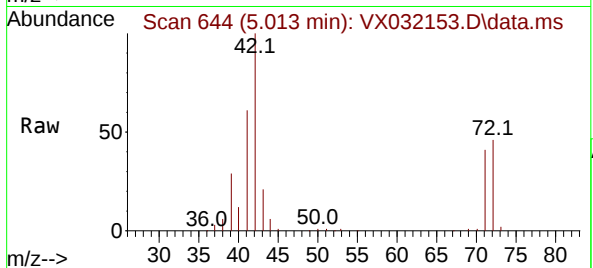
Tgt Ion:	42	Resp:	5724
Ion Ratio	Lower	Upper	
42	100		
72	48.5	36.4	54.6
71	45.0	33.5	50.3

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 18.519 ug/l

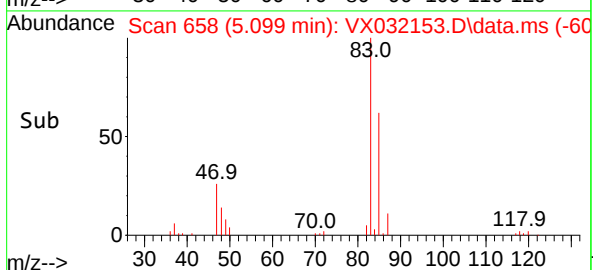
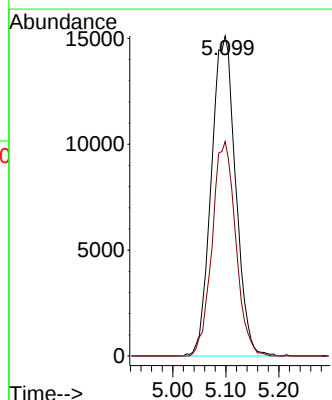
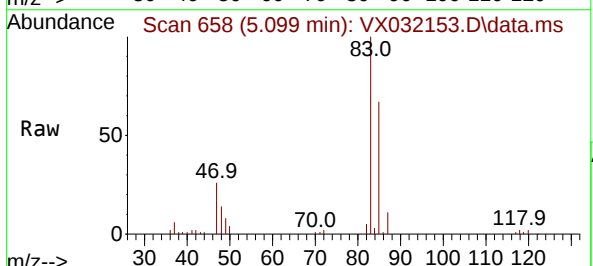
RT: 5.099 min Scan# 658

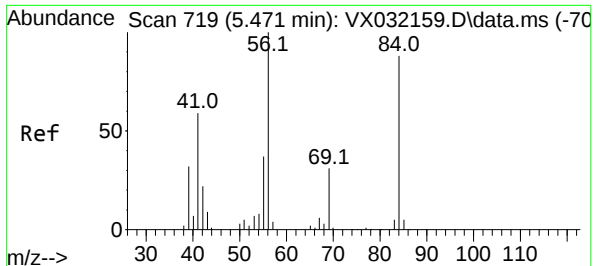
Delta R.T. 0.012 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Tgt Ion:	83	Resp:	48055
Ion Ratio	Lower	Upper	
83	100		
85	67.0	52.8	79.2





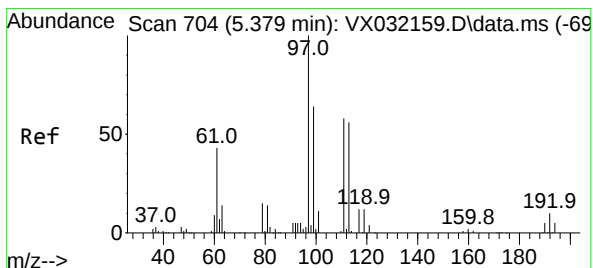
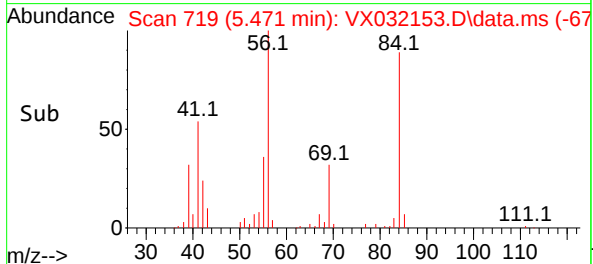
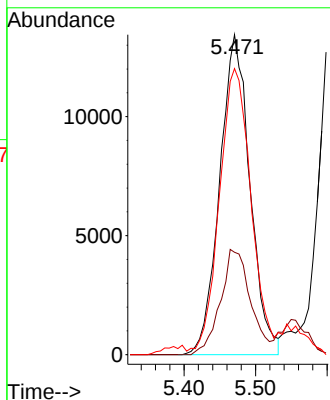
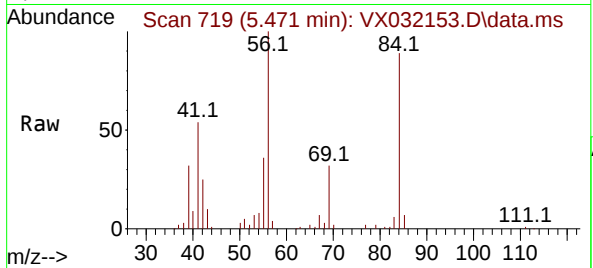
#31
Cyclohexane
Concen: 19.607 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 3951
Ion Ratio Lower Upper
56 100
69 32.0 25.1 37.7
84 87.5 70.2 105.4

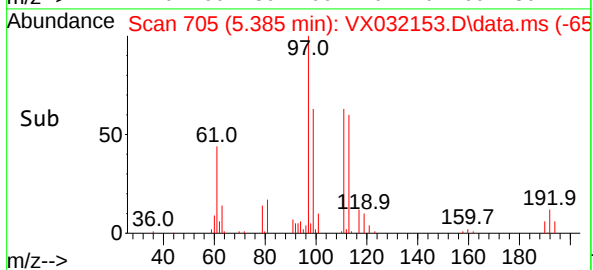
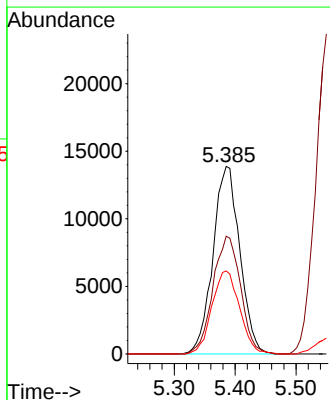
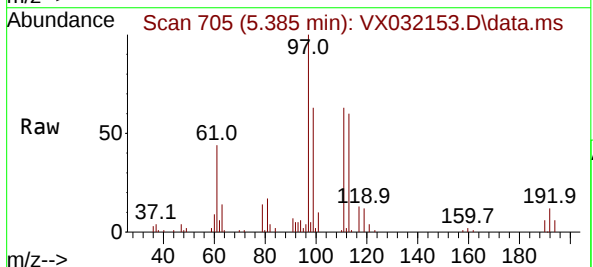
Manual Integrations
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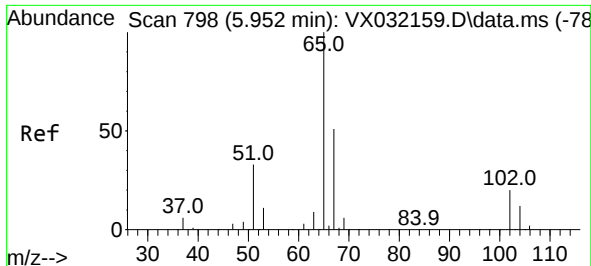
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#32
1,1,1-Trichloroethane
Concen: 20.418 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 97 Resp: 42477
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 45.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 21.406 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 3870

Ion Ratio Lower Upper

65 100

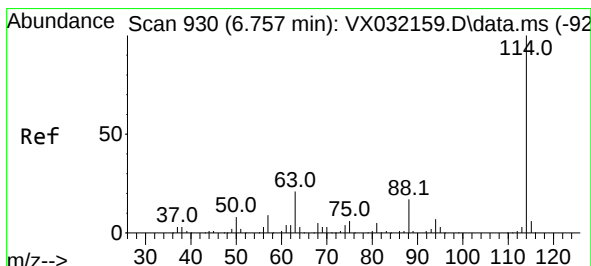
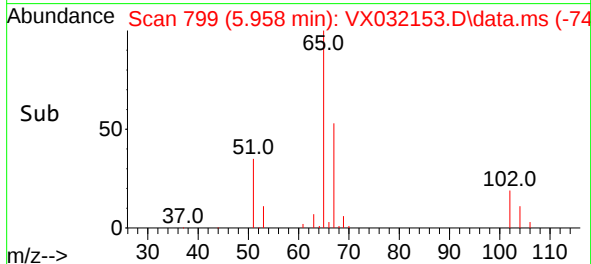
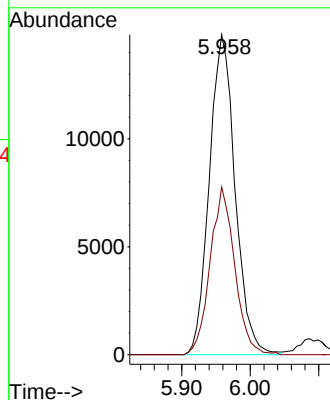
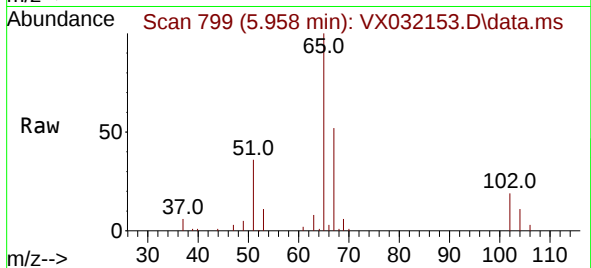
67 50.0 0.0 102.4

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

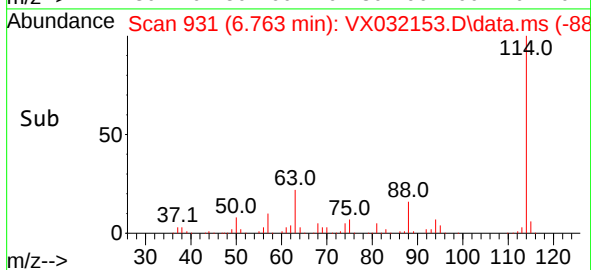
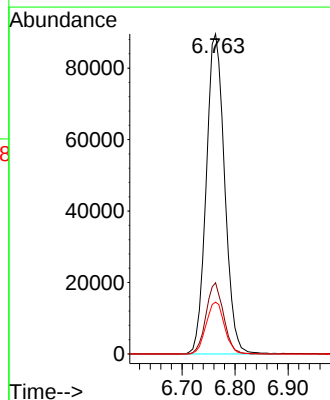
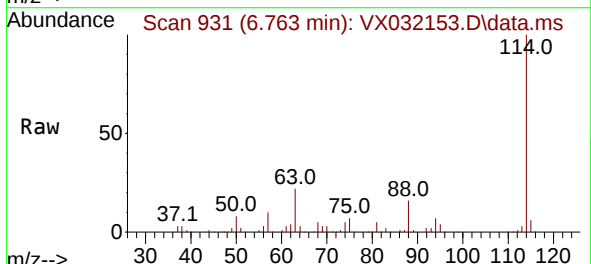
Tgt Ion:114 Resp: 215494

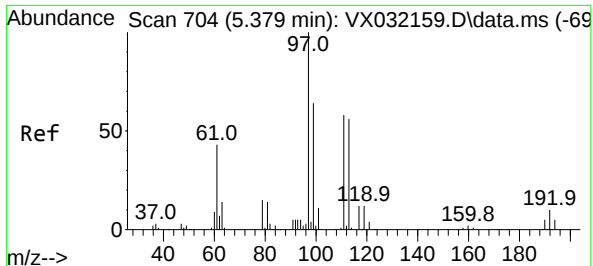
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.6

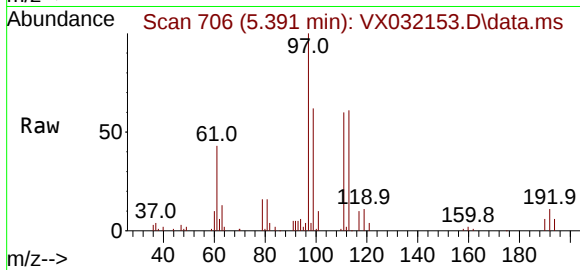
88 16.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 16.937 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

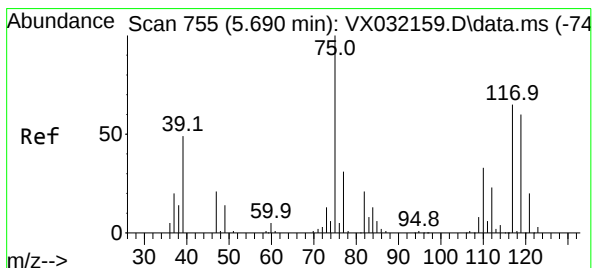
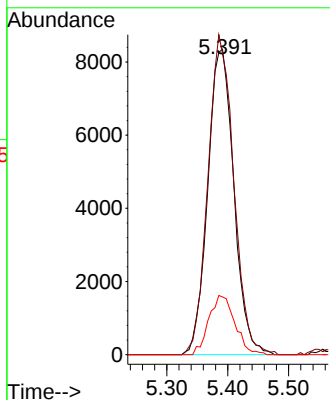
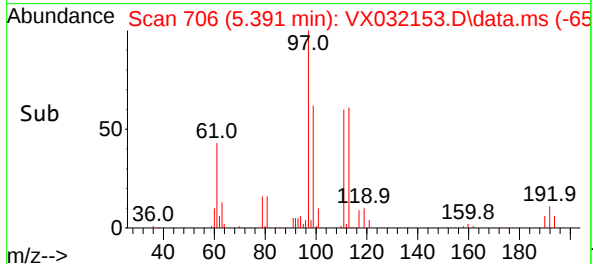
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 2490
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.3 14.1 21.1

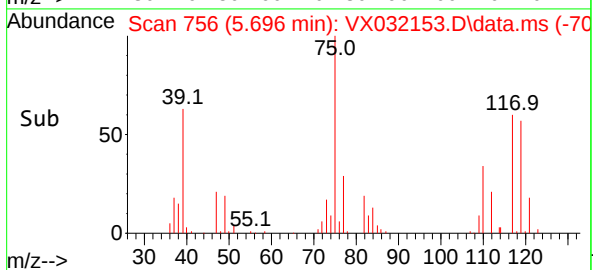
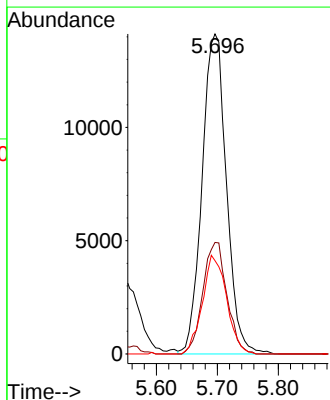
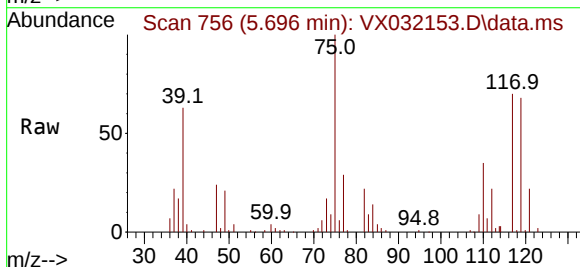
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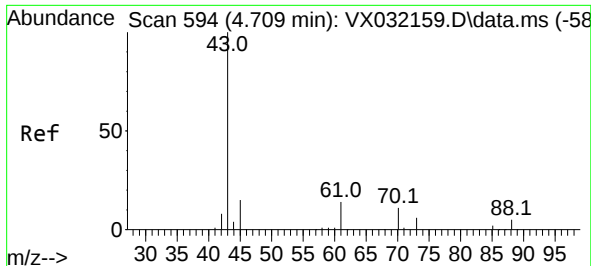
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#36
1,1-Dichloropropene
Concen: 18.468 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 75 Resp: 39286
Ion Ratio Lower Upper
75 100
110 34.4 17.5 52.5
77 30.6 24.9 37.3





#37

Ethyl Acetate

Concen: 19.095 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

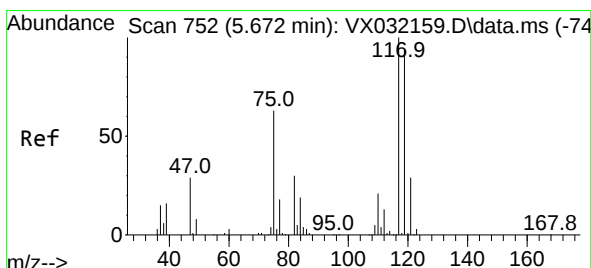
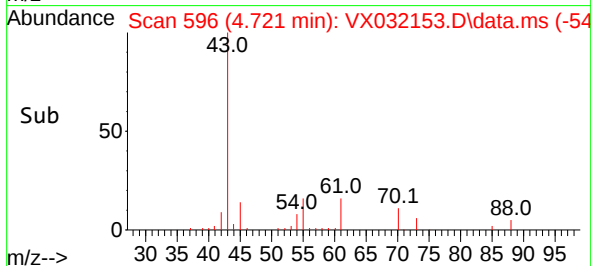
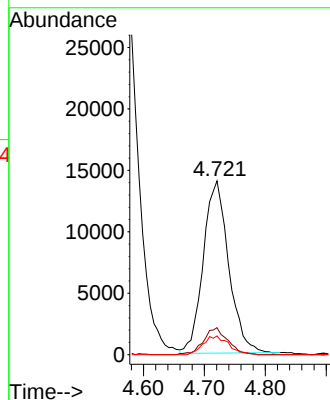
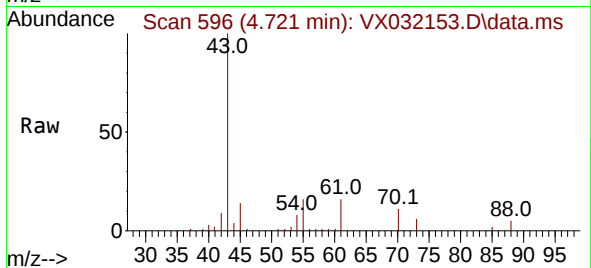
Tgt Ion: 43	Resp: 4076
Ion Ratio	Lower Upper
43 100	
61 14.8	11.1 16.7
70 10.9	8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#38

Carbon Tetrachloride

Concen: 17.941 ug/l

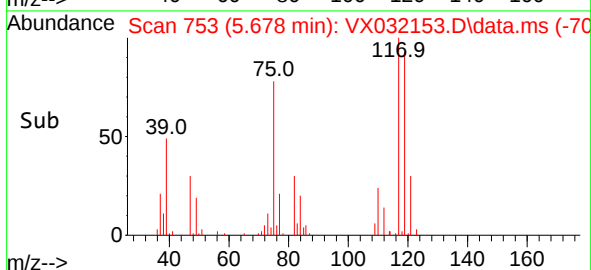
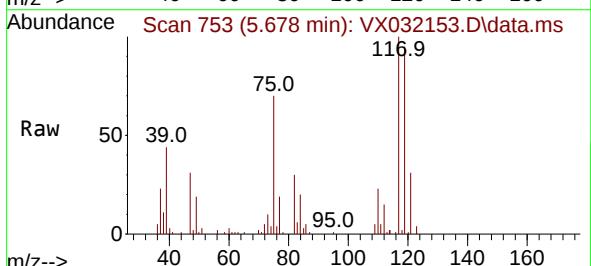
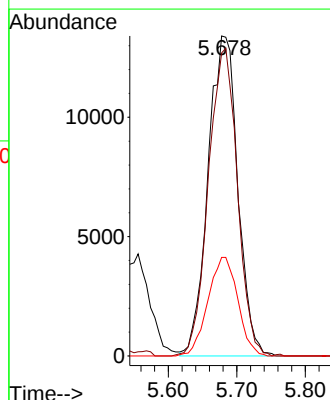
RT: 5.678 min Scan# 753

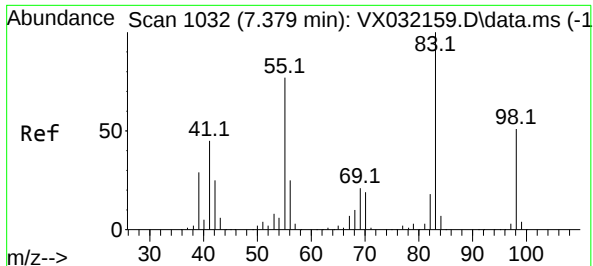
Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Tgt Ion: 117	Resp: 40417
Ion Ratio	Lower Upper
117 100	
119 94.1	74.6 112.0
121 30.8	25.3 37.9





#39

Methylcyclohexane

Concen: 19.811 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

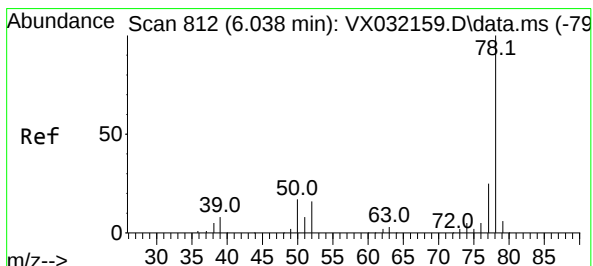
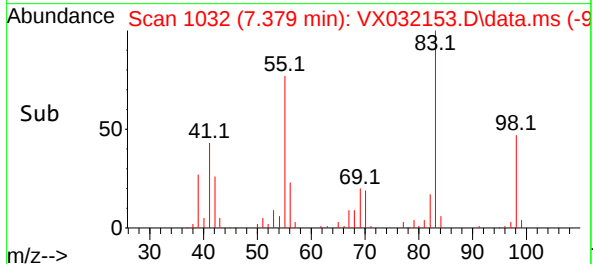
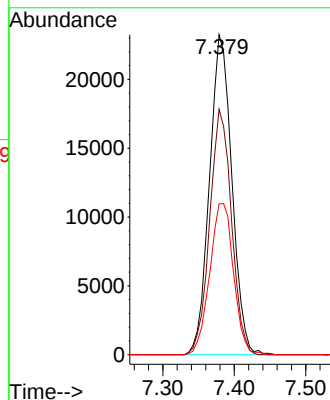
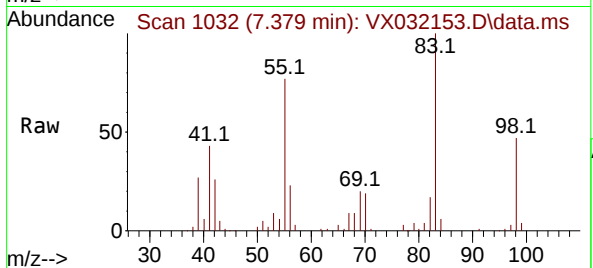
Tgt Ion: 83	Resp: 5057
Ion Ratio	Lower Upper
83 100	
55 76.7	61.0 91.4
98 47.1	37.7 56.5

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#40

Benzene

Concen: 20.060 ug/l

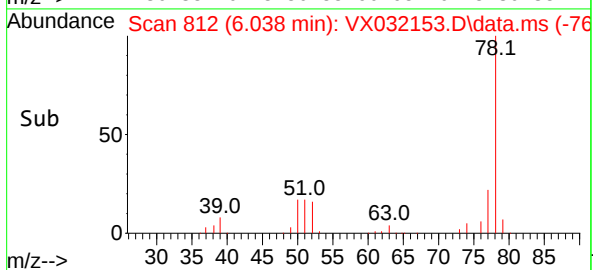
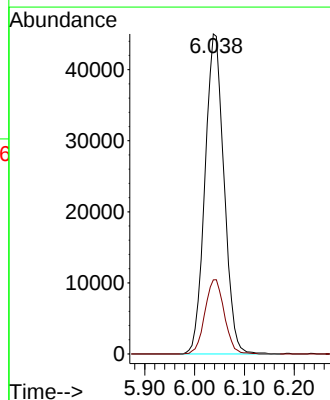
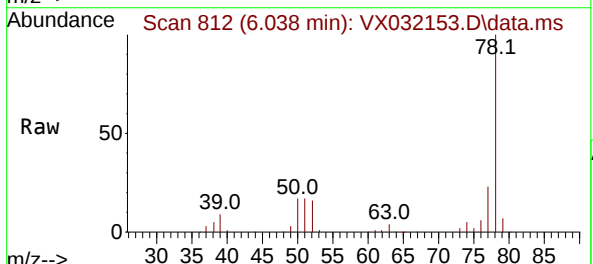
RT: 6.038 min Scan# 812

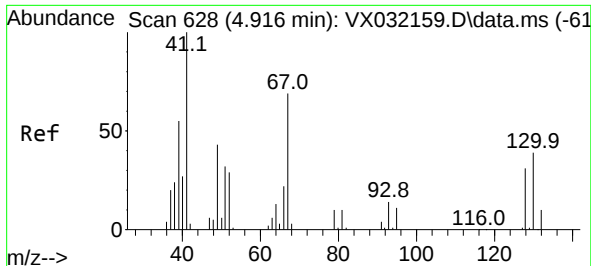
Delta R.T. -0.000 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

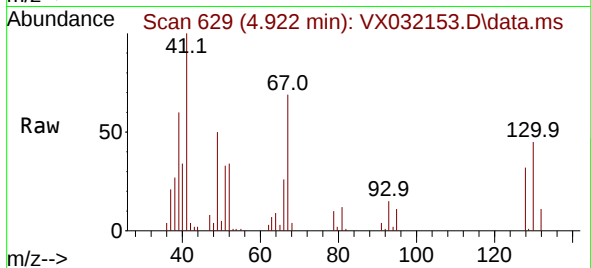
Tgt Ion: 78	Resp: 119360
Ion Ratio	Lower Upper
78 100	
77 23.2	18.7 28.1





#41
Methacrylonitrile
Concen: 19.396 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

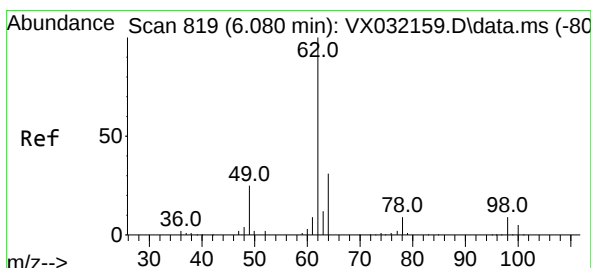
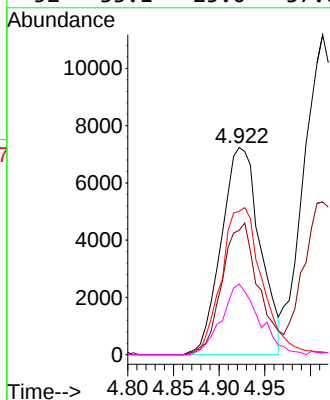
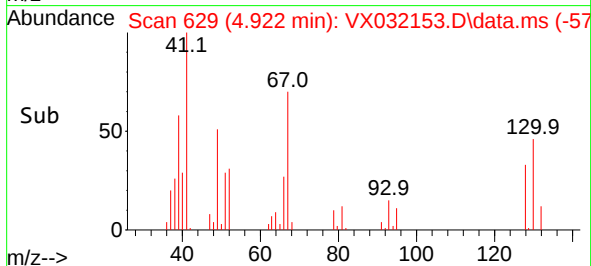
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 21350
Ion Ratio Lower Upper
41 100
39 60.6 45.0 67.6
67 74.5 58.2 87.4
52 33.1 25.0 37.6

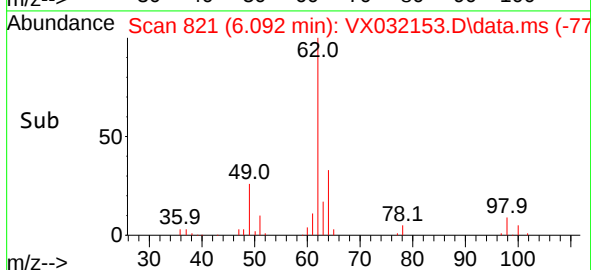
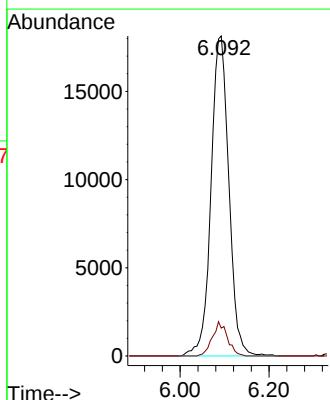
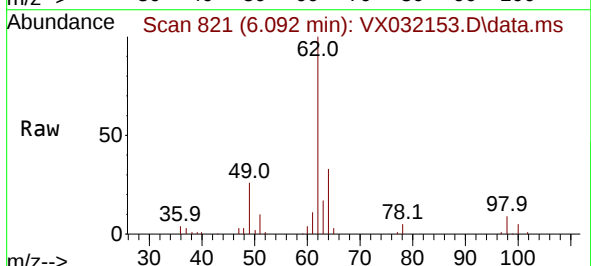
Manual Integrations
APPROVED

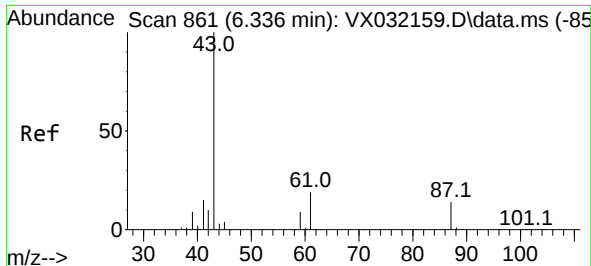
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#42
1,2-Dichloroethane
Concen: 20.240 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

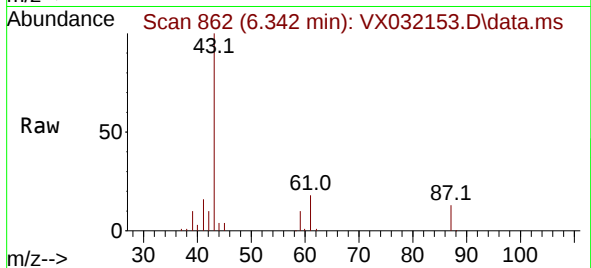
Tgt Ion: 62 Resp: 50442
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.8





#43
Isopropyl Acetate
Concen: 20.433 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

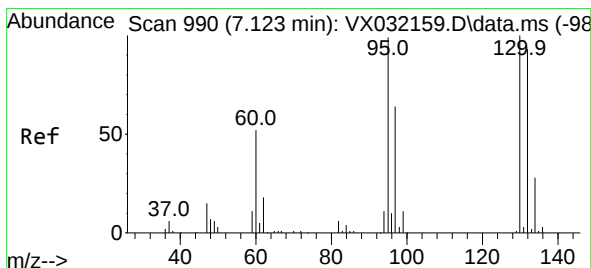
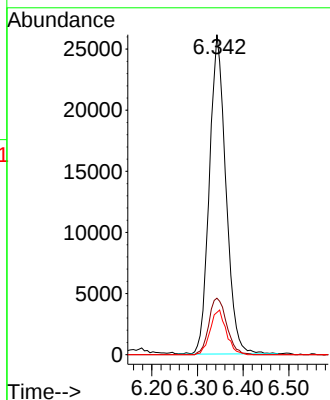
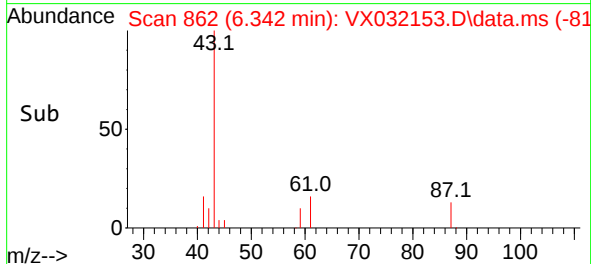
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 6573
Ion Ratio Lower Upper
43 100
61 19.1 15.3 22.9
87 13.6 10.6 15.8

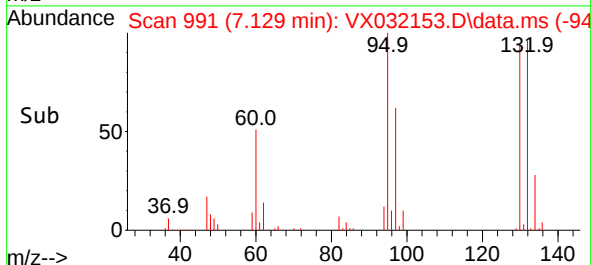
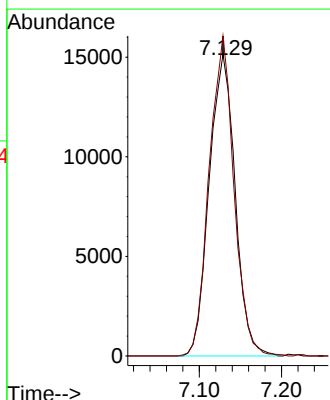
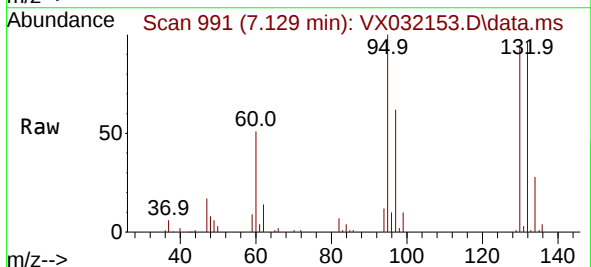
Manual Integrations
APPROVED

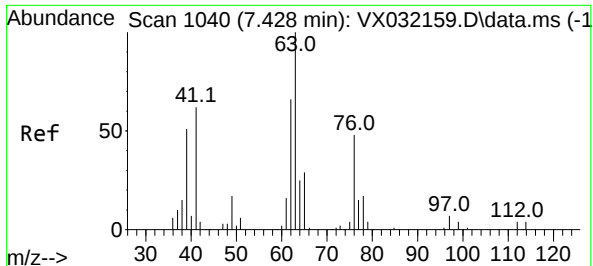
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#44
Trichloroethene
Concen: 19.762 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion:130 Resp: 33132
Ion Ratio Lower Upper
130 100
95 106.1 0.0 206.8





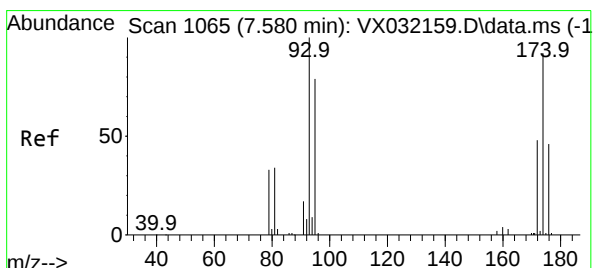
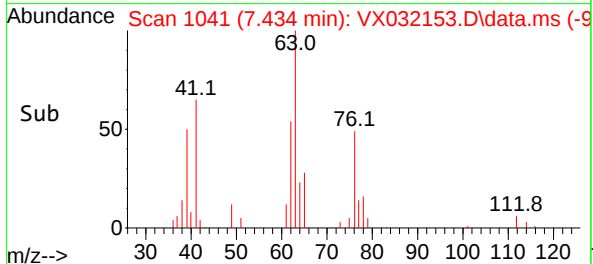
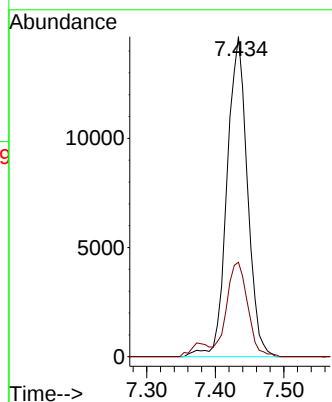
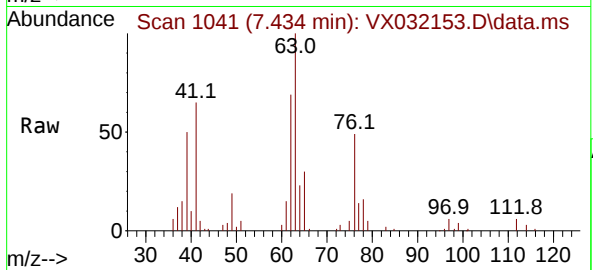
#45
1,2-Dichloropropane
Concen: 20.404 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 3024
Ion Ratio Lower Upper
63 100
65 29.5 26.6 39.8

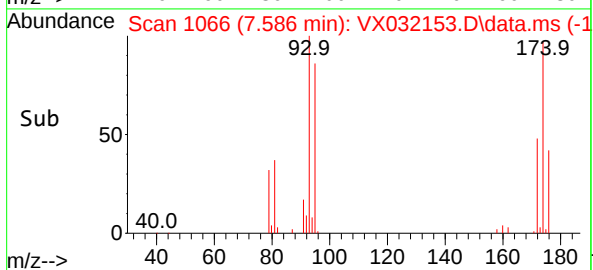
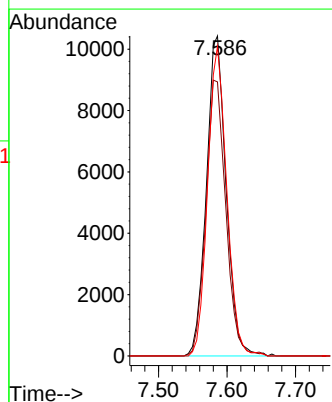
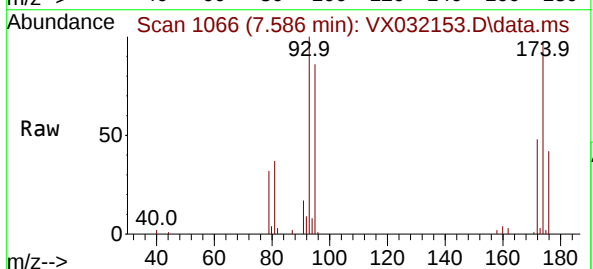
Manual Integrations
APPROVED

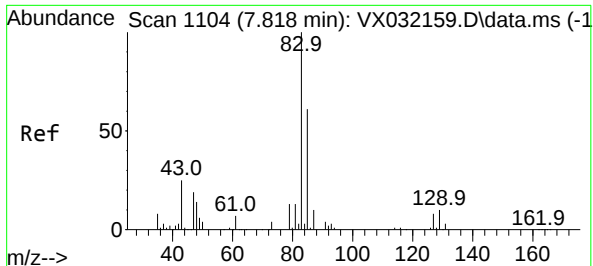
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#46
Dibromomethane
Concen: 18.364 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 93 Resp: 20912
Ion Ratio Lower Upper
93 100
95 86.8 65.5 98.3
174 93.6 67.6 101.4





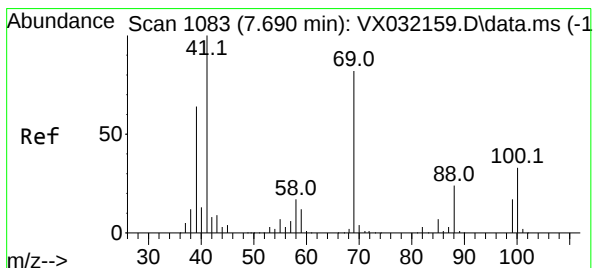
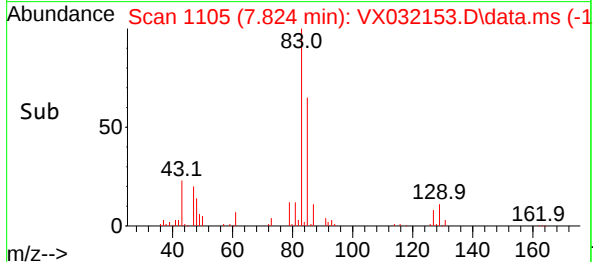
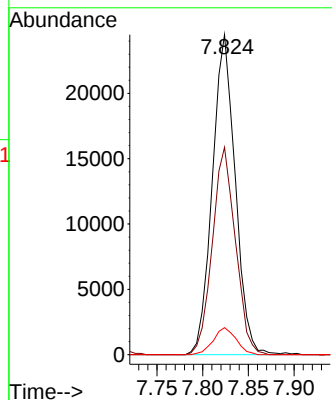
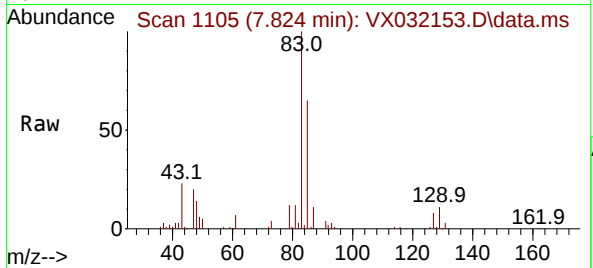
#47
Bromodichloromethane
Concen: 20.105 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 42650
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.6
127 8.4 7.0 10.6

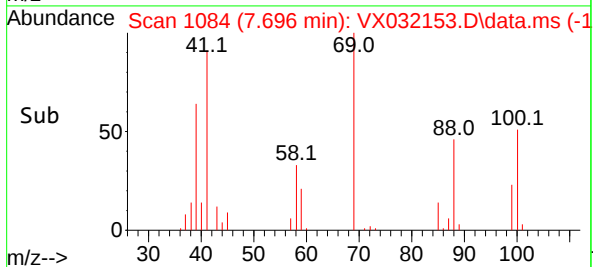
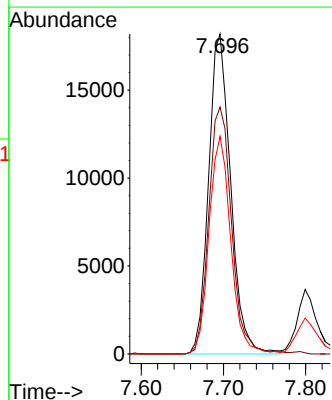
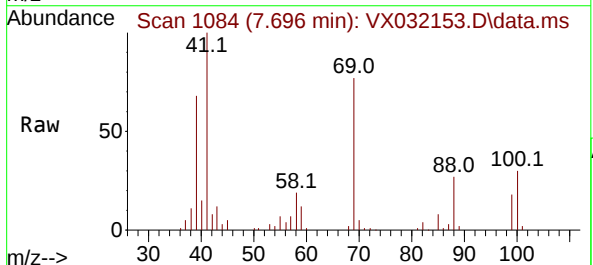
Manual Integrations
APPROVED

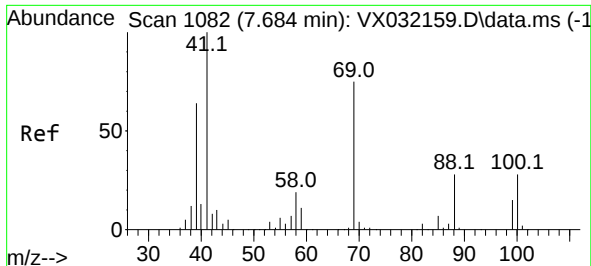
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#48
Methyl methacrylate
Concen: 20.819 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 41 Resp: 33942
Ion Ratio Lower Upper
41 100
69 80.1 64.6 96.8
39 67.1 51.4 77.0





#49

1,4-Dioxane

Concen: 430.690 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

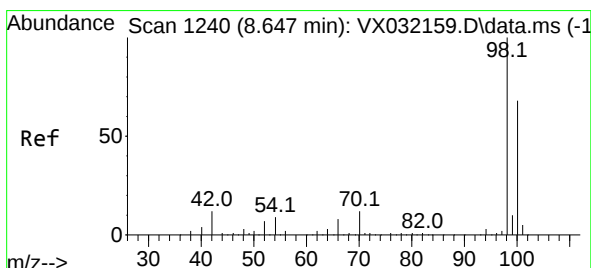
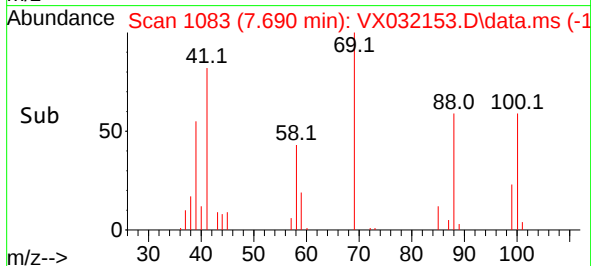
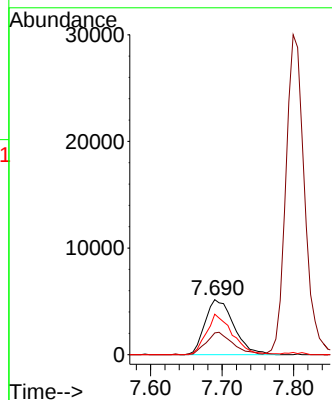
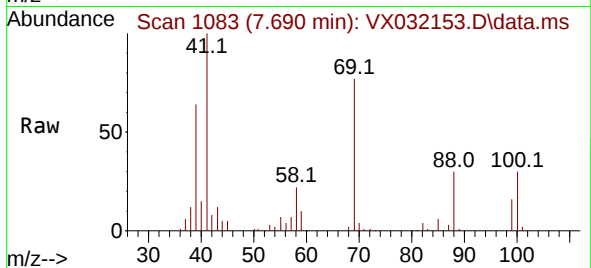
Tgt Ion: 88 Resp: 1439
 Ion Ratio Lower Upper
 88 100
 43 37.6 27.1 40.7
 58 66.1 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 16.737 ug/l

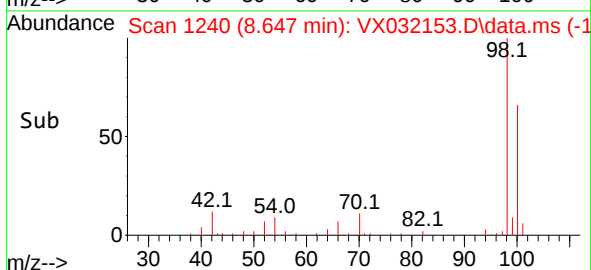
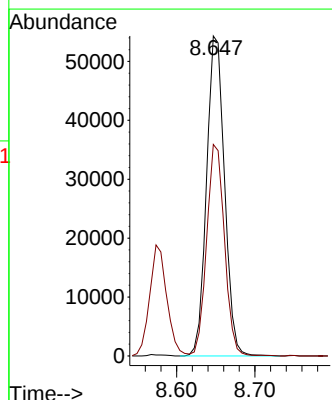
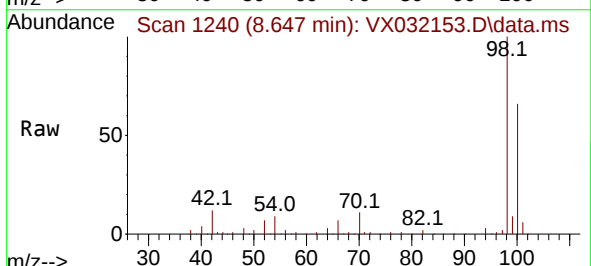
RT: 8.647 min Scan# 1240

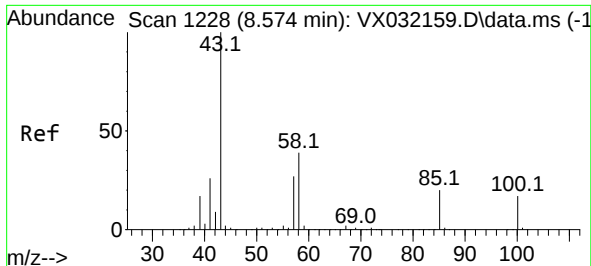
Delta R.T. -0.000 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Tgt Ion: 98 Resp: 86316
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7





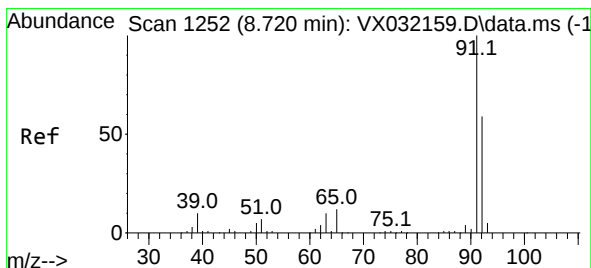
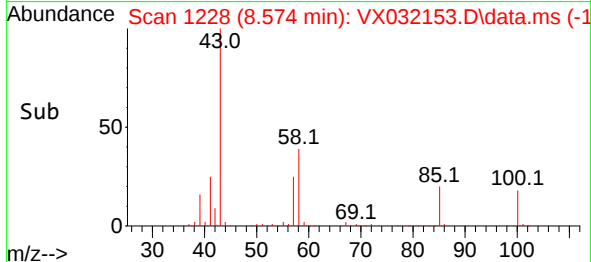
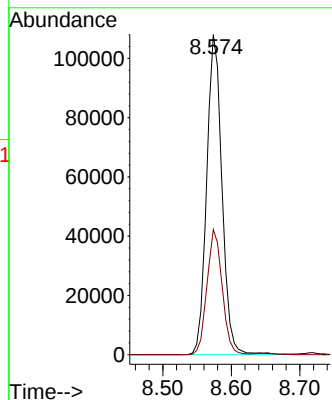
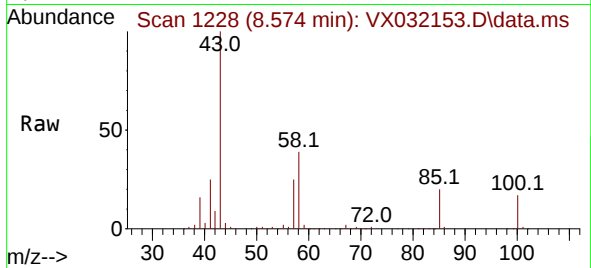
#51
4-Methyl-2-Pentanone
Concen: 84.986 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 167640
Ion Ratio Lower Upper
43 100
58 39.0 30.6 46.0

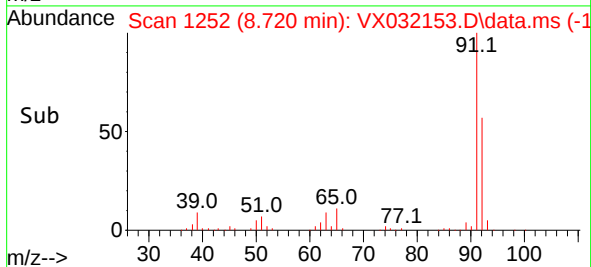
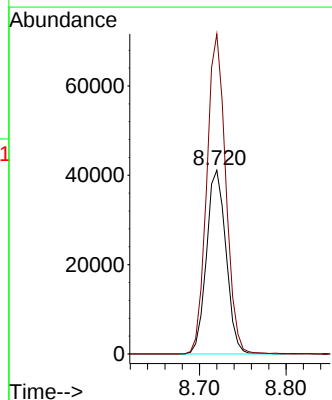
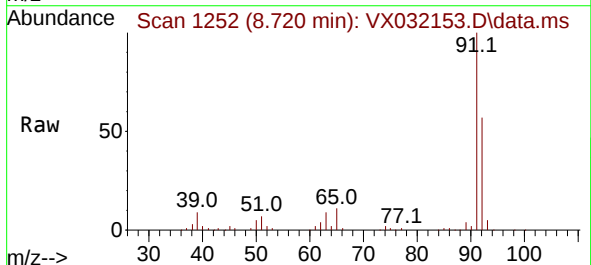
Manual Integrations
APPROVED

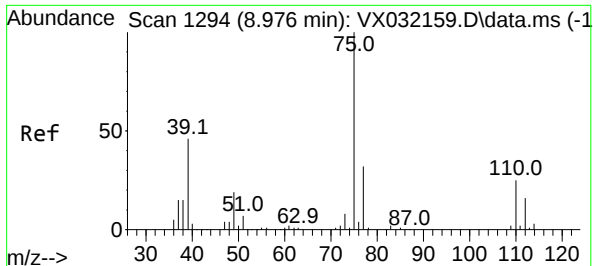
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 16.989 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 92 Resp: 64406
Ion Ratio Lower Upper
92 100
91 169.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 17.478 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 3307

Ion Ratio Lower Upper

75 100

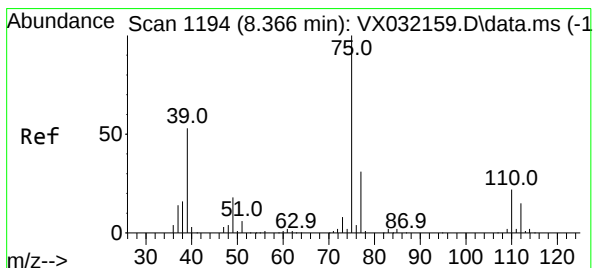
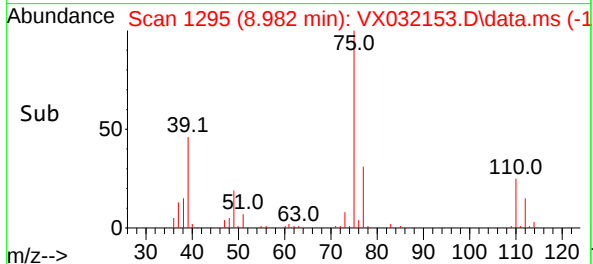
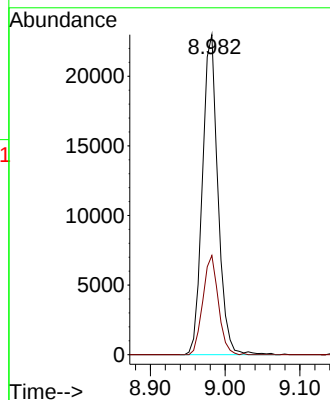
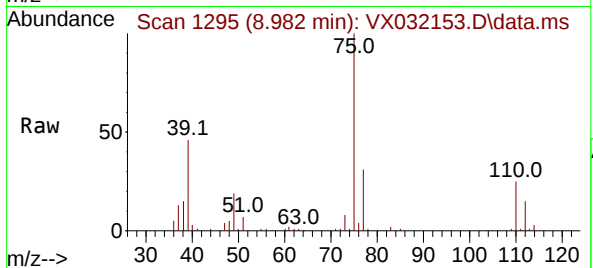
77 31.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#54

cis-1,3-Dichloropropene

Concen: 17.813 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

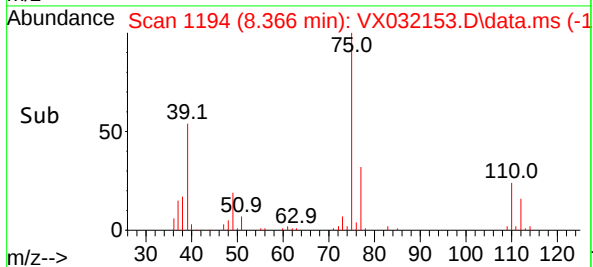
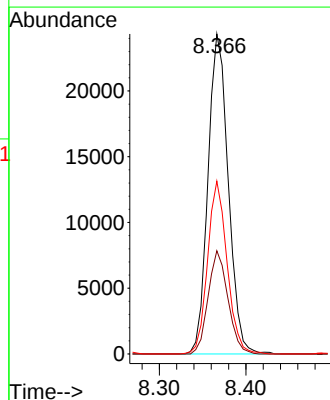
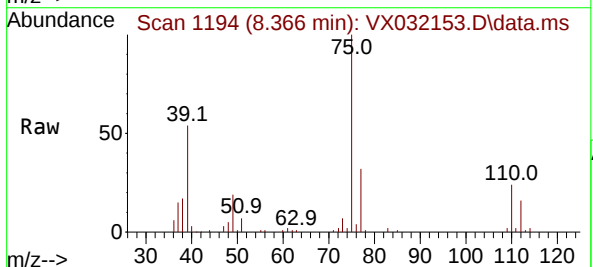
Tgt Ion: 75 Resp: 39582

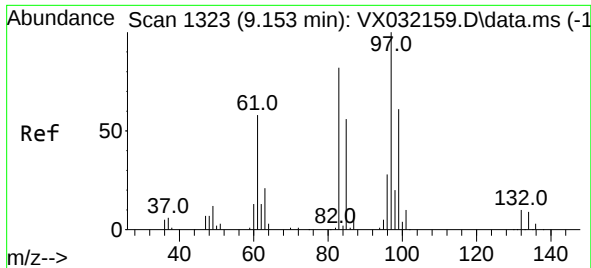
Ion Ratio Lower Upper

75 100

77 32.3 24.4 36.6

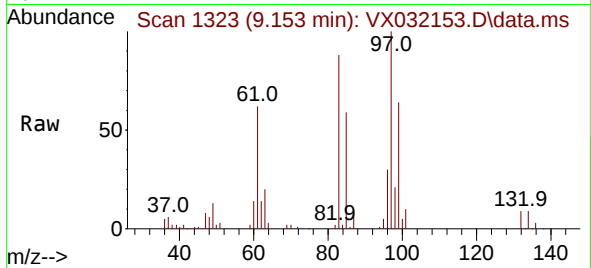
39 54.0 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 19.068 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

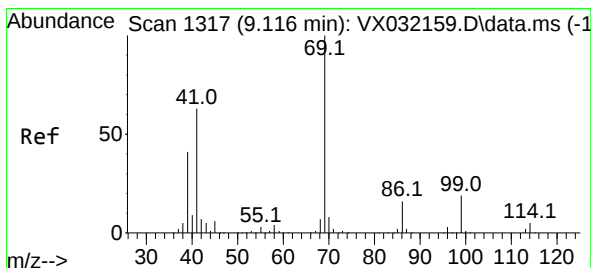
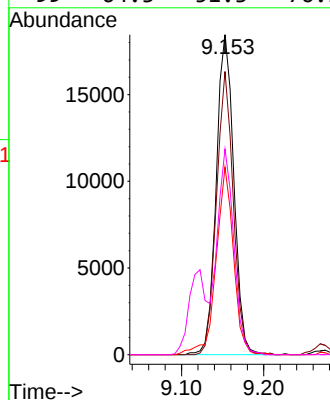
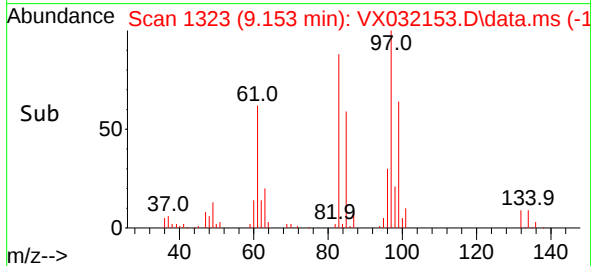
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.0	103.6
85	58.6	44.1	66.1
99	64.3	51.3	76.9

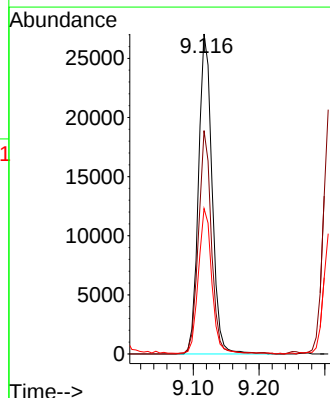
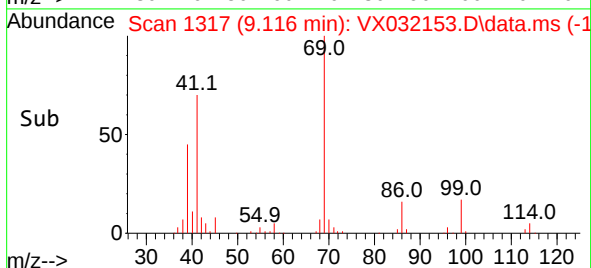
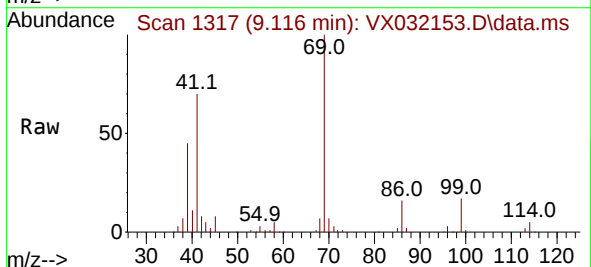
Manual Integrations
APPROVED

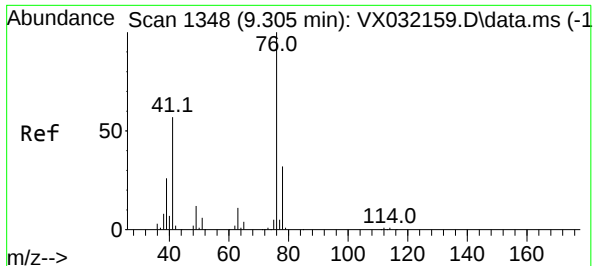
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#56
Ethyl methacrylate
Concen: 18.836 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.2	81.4
39	44.5	34.2	51.2





#57

1,3-Dichloropropane

Concen: 21.267 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 5366

Ion Ratio Lower Upper

76 100

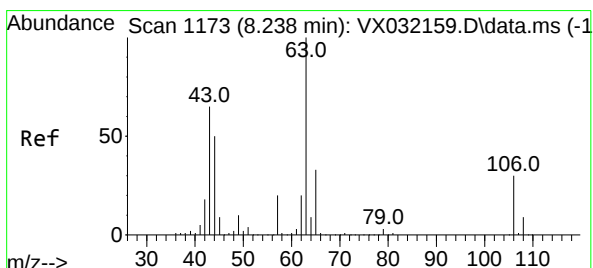
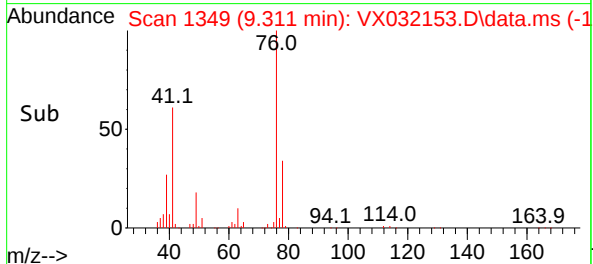
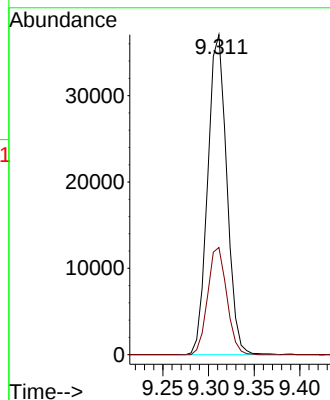
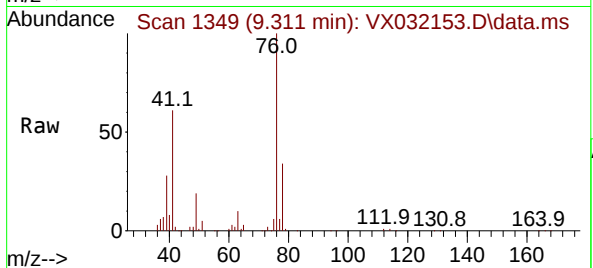
78 33.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 81.025 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX032153.D

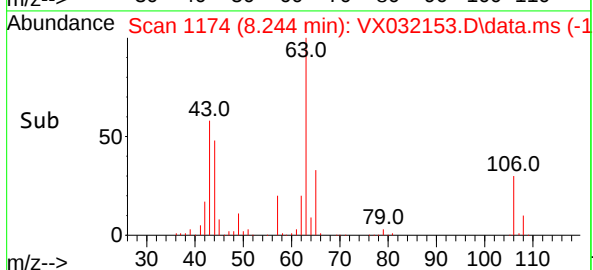
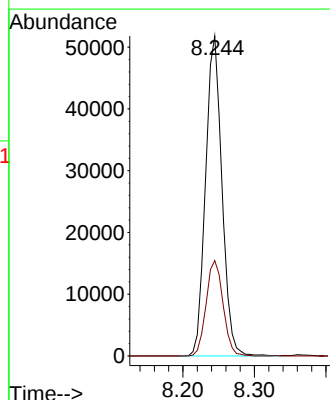
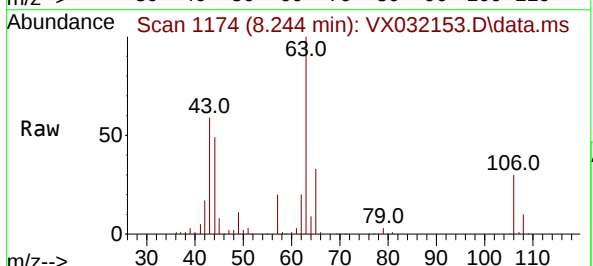
Acq: 17 Oct 2022 12:51

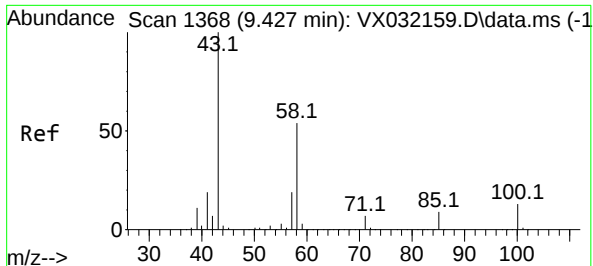
Tgt Ion: 63 Resp: 82505

Ion Ratio Lower Upper

63 100

106 30.7 22.6 34.0





#59

2-Hexanone

Concen: 111.477 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 16291

Ion Ratio Lower Upper

43 100

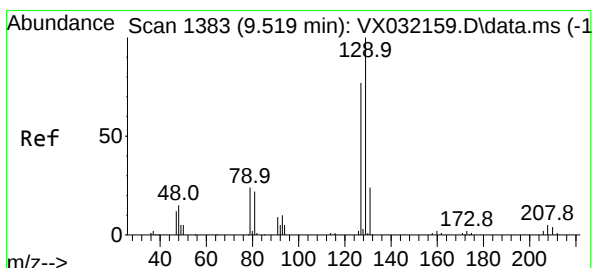
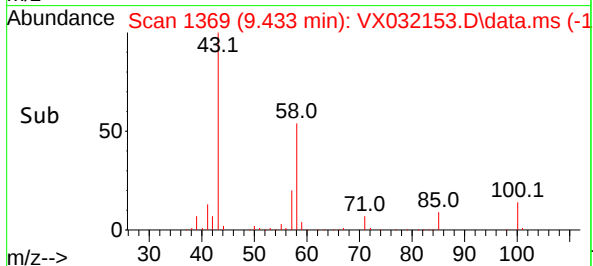
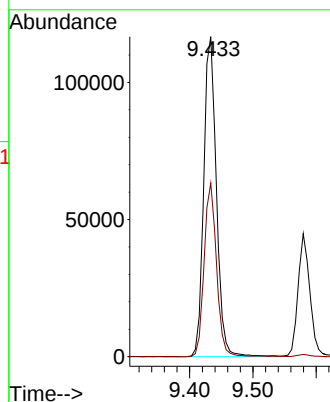
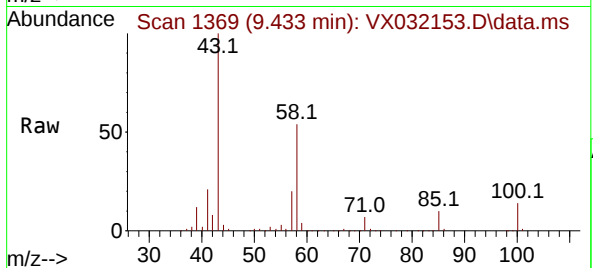
58 53.2 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#60

Dibromochloromethane

Concen: 21.240 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX032153.D

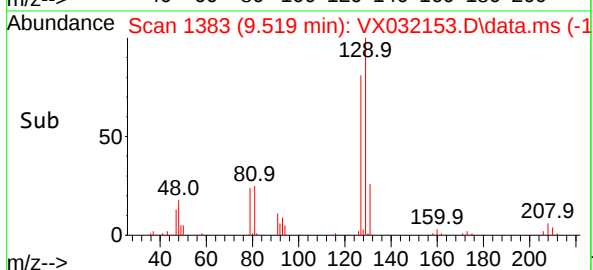
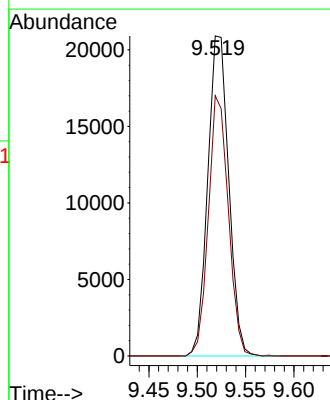
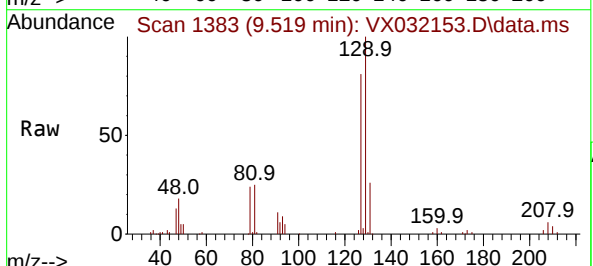
Acq: 17 Oct 2022 12:51

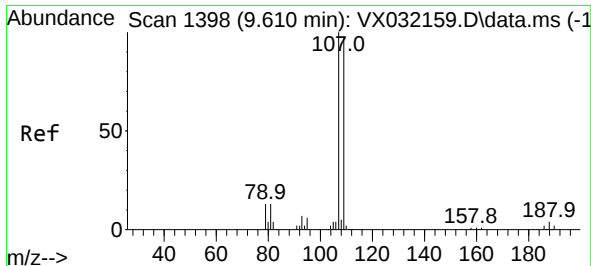
Tgt Ion:129 Resp: 31624

Ion Ratio Lower Upper

129 100

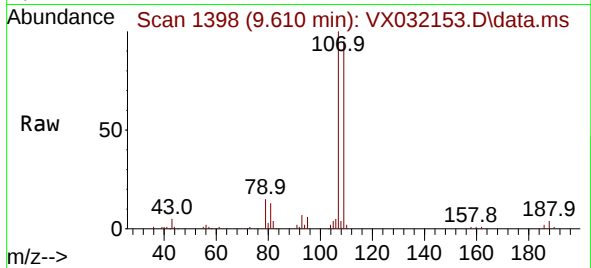
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.837 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

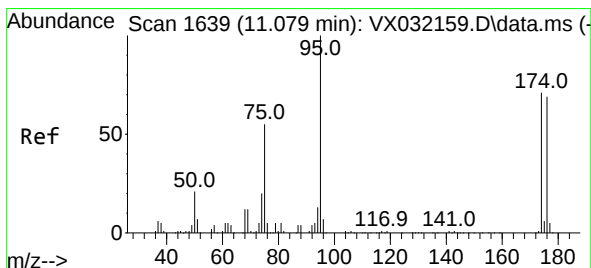
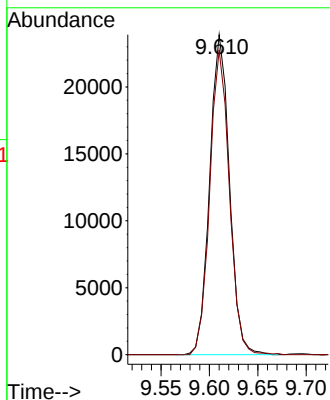
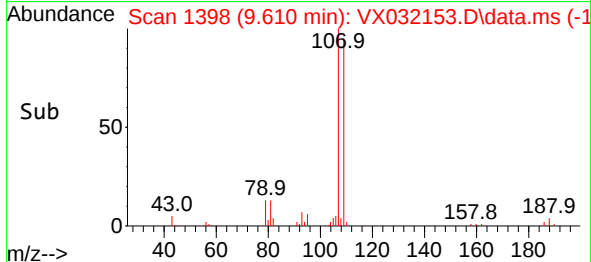
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 33940
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4

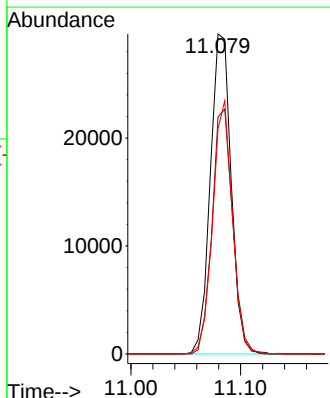
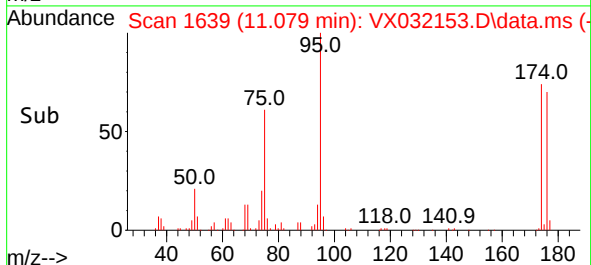
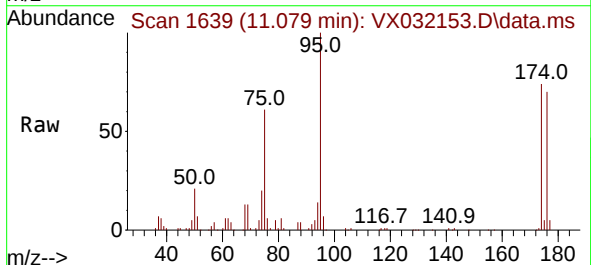
Manual Integrations
APPROVED

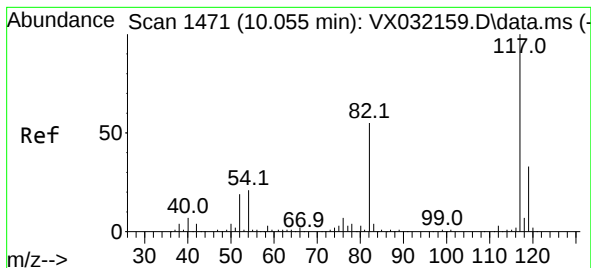
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#62
4-Bromofluorobenzene
Concen: 19.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

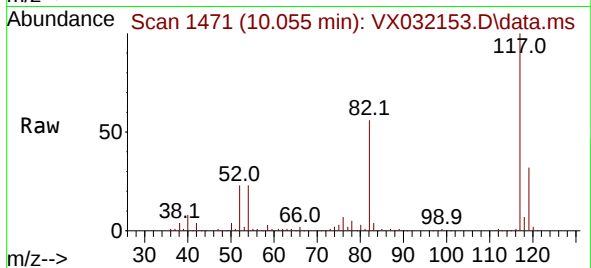
Tgt Ion: 95 Resp: 39157
Ion Ratio Lower Upper
95 100
174 75.6 0.0 153.2
176 74.7 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

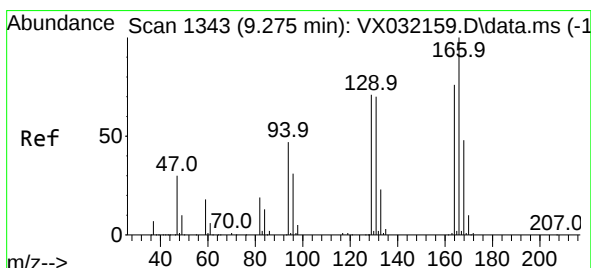
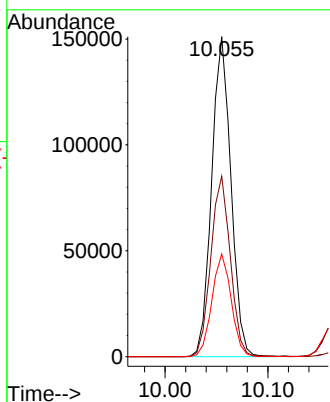
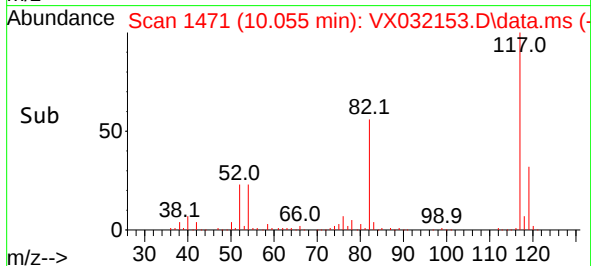
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 197034
Ion Ratio Lower Upper
117 100
82 56.4 46.8 70.2
119 32.1 26.4 39.6

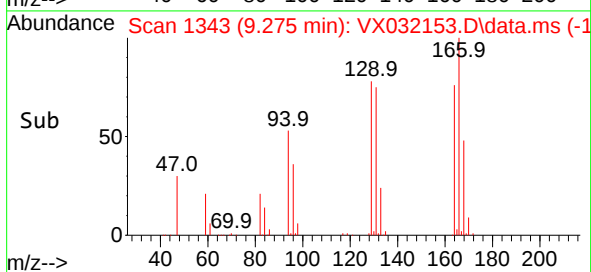
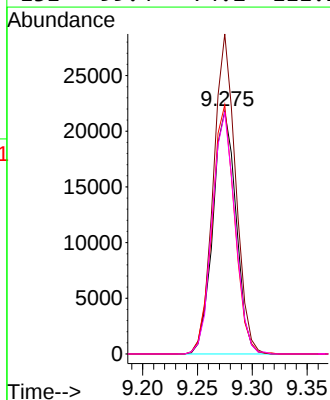
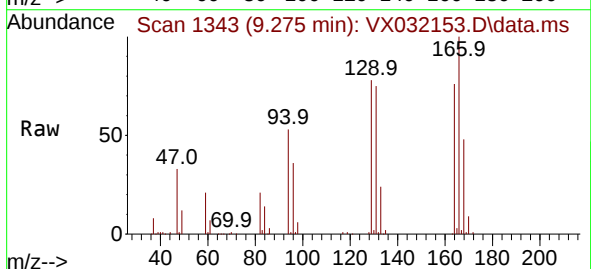
Manual Integrations
APPROVED

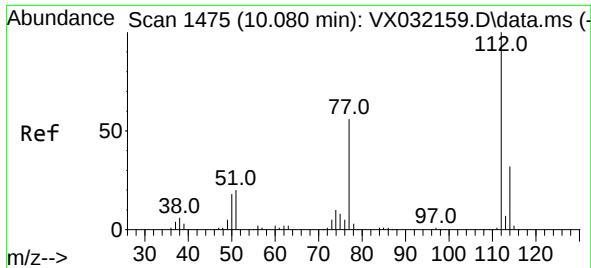
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#64
Tetrachloroethene
Concen: 19.530 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion:164 Resp: 31981
Ion Ratio Lower Upper
164 100
166 131.9 99.0 148.4
129 102.6 78.0 117.0
131 99.4 74.2 111.2





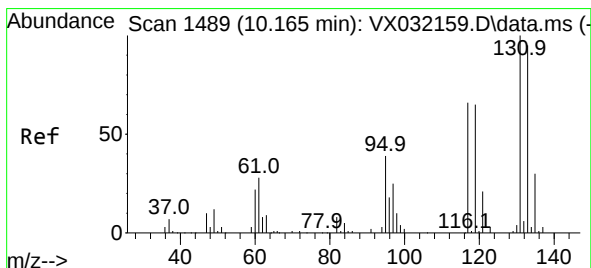
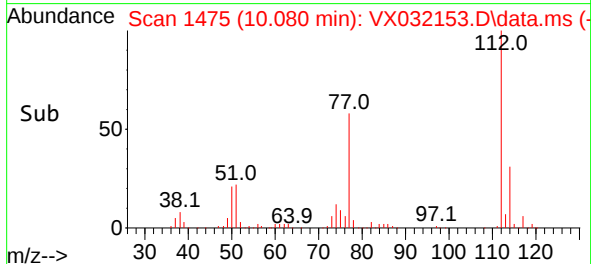
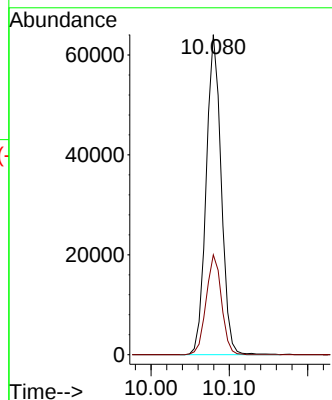
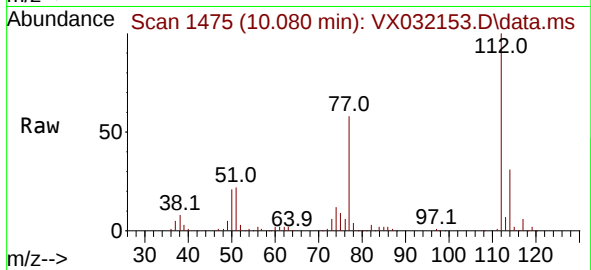
#65
Chlorobenzene
Concen: 19.615 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 84925
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

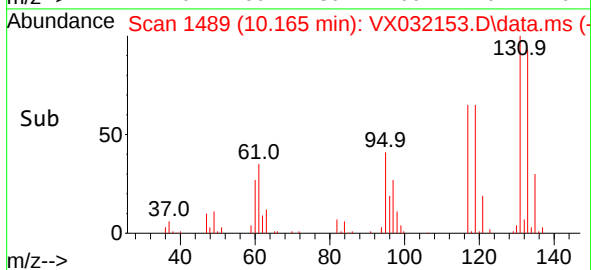
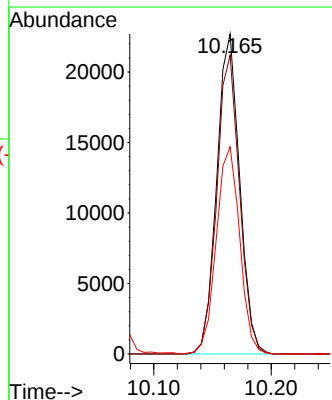
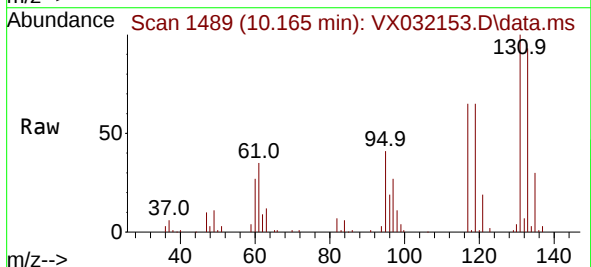
Manual Integrations
APPROVED

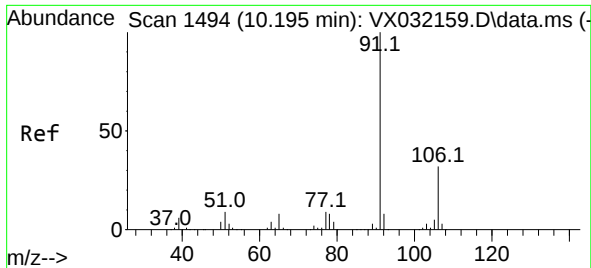
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.421 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion:131 Resp: 30638
Ion Ratio Lower Upper
131 100
133 93.7 46.6 139.7
119 66.5 31.9 95.9





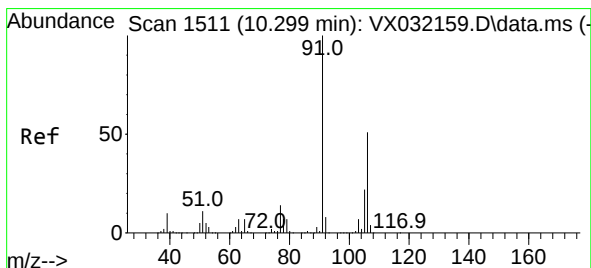
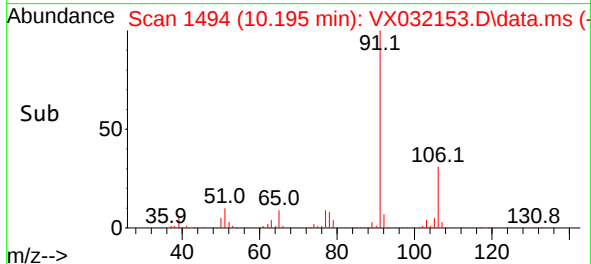
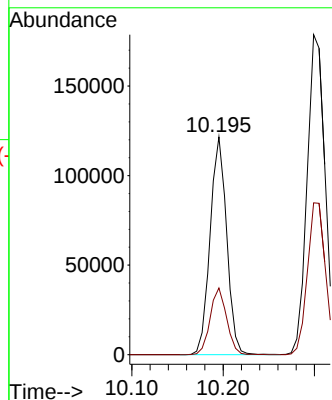
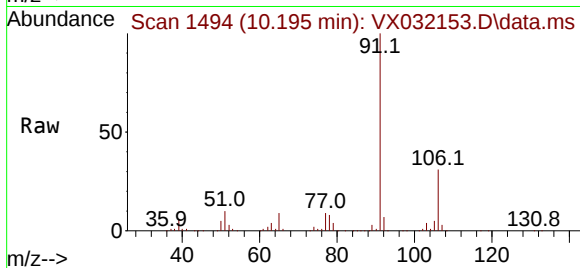
#67
Ethyl Benzene
Concen: 20.089 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 15285
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8

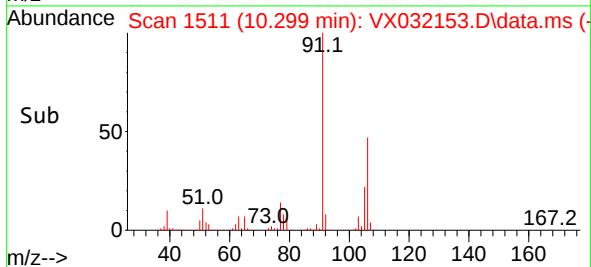
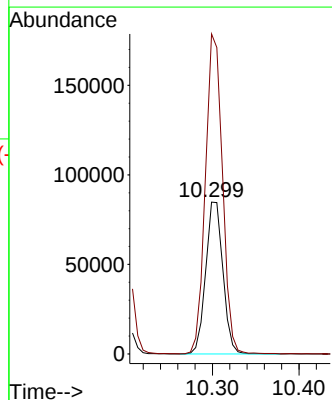
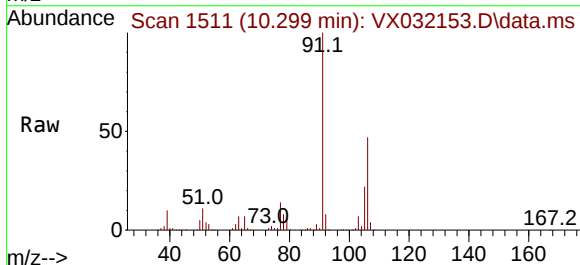
Manual Integrations
APPROVED

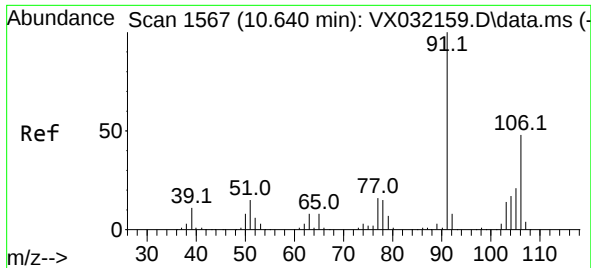
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#68
m/p-Xylenes
Concen: 40.105 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion:106 Resp: 117022
Ion Ratio Lower Upper
106 100
91 209.8 161.0 241.4





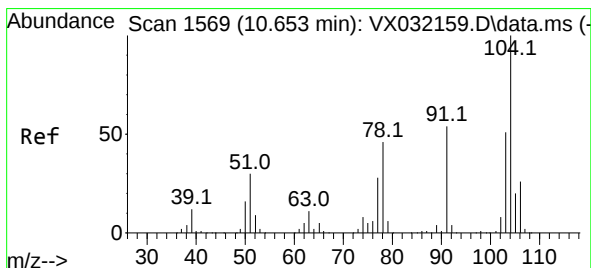
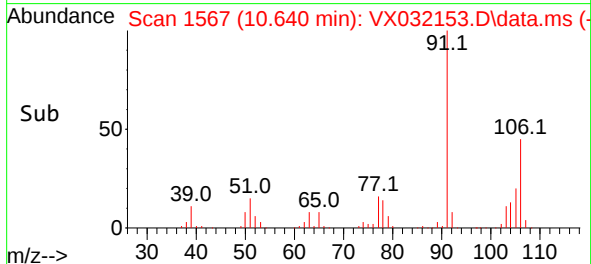
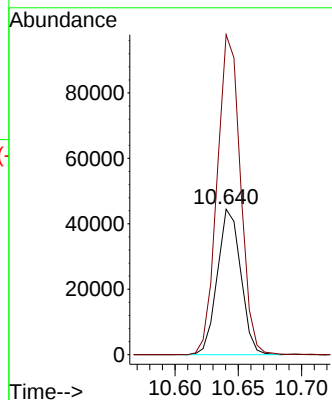
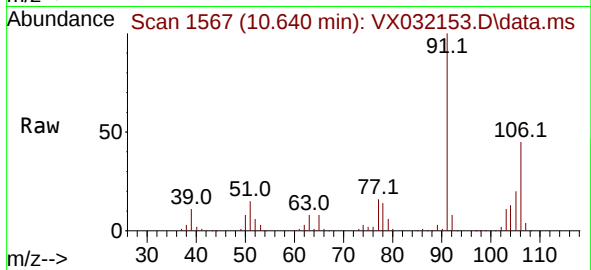
#69
o-Xylene
Concen: 19.920 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 57194
Ion Ratio Lower Upper
106 100
91 219.0 107.2 321.6

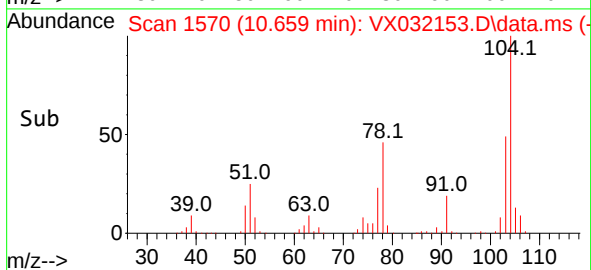
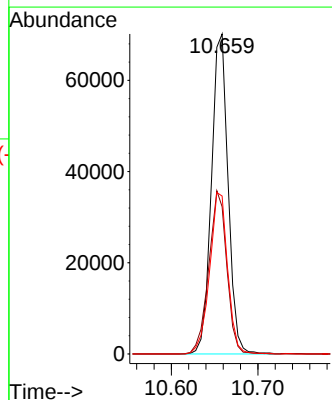
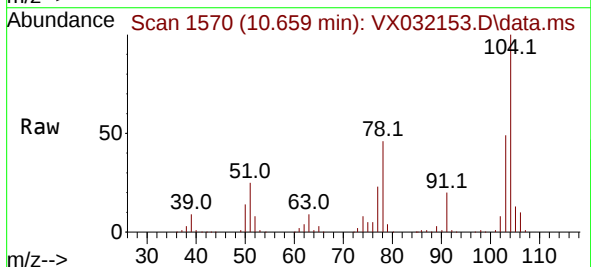
Manual Integrations
APPROVED

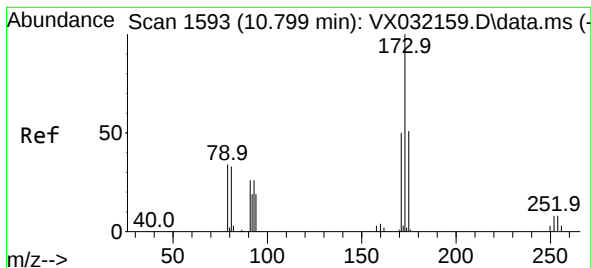
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 20.206 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion:104 Resp: 93753
Ion Ratio Lower Upper
104 100
78 55.2 41.4 62.2
103 54.4 43.8 65.8





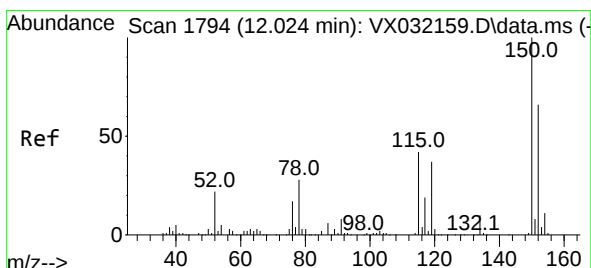
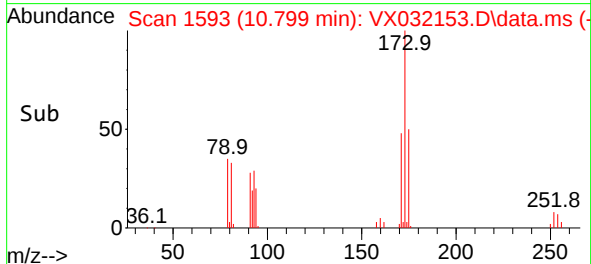
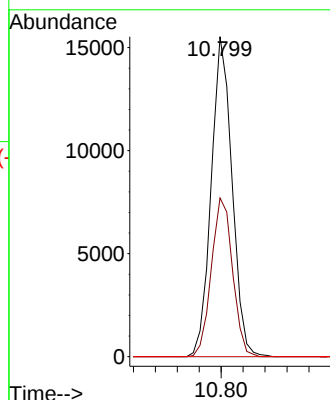
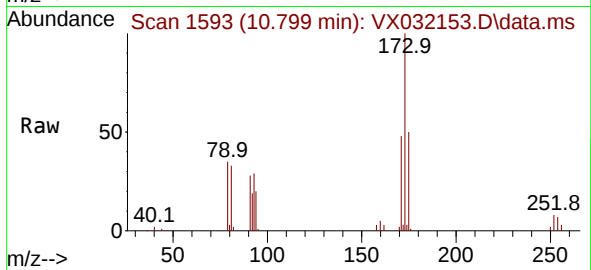
#71
Bromoform
Concen: 19.398 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 2047
Ion Ratio Lower Upper
173 100
175 50.5 24.0 72.0
254 0.0 0.0 0.0

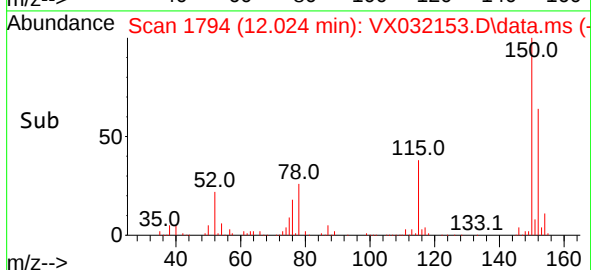
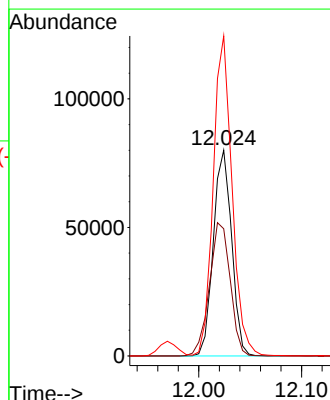
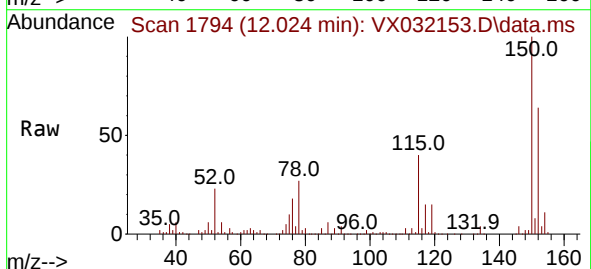
Manual Integrations
APPROVED

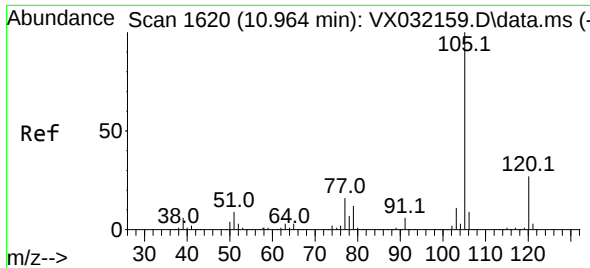
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

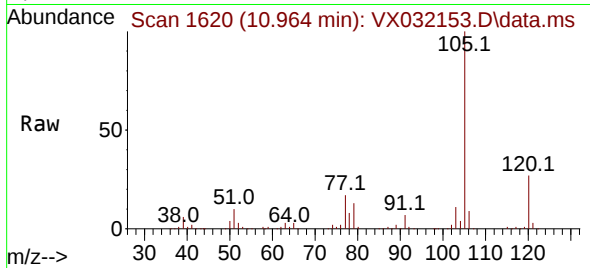
Tgt Ion:152 Resp: 98753
Ion Ratio Lower Upper
152 100
115 73.6 43.4 130.1
150 159.7 0.0 346.8





#73
Isopropylbenzene
Concen: 20.434 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

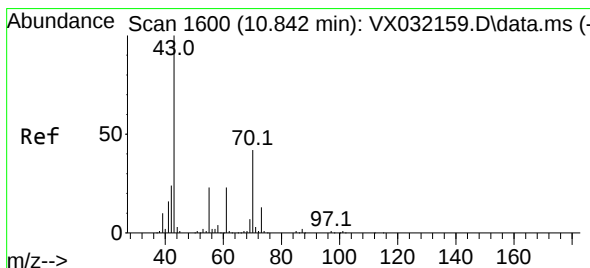
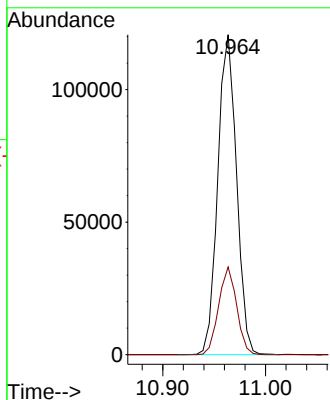
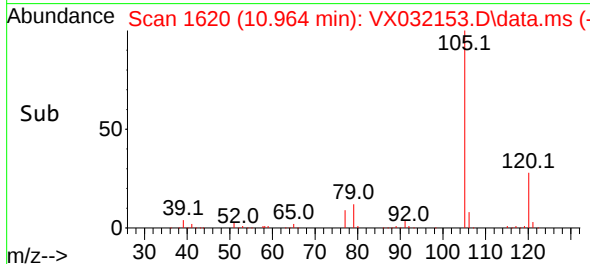
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



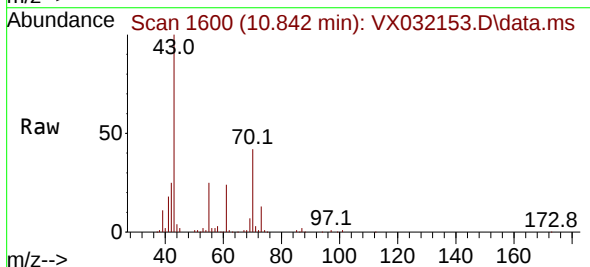
Tgt Ion:105 Resp: 152579
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0

Manual Integrations
APPROVED

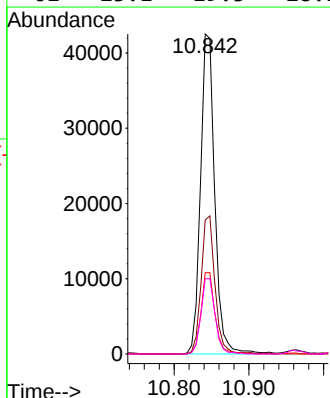
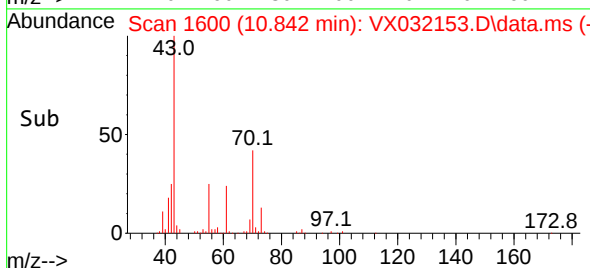
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

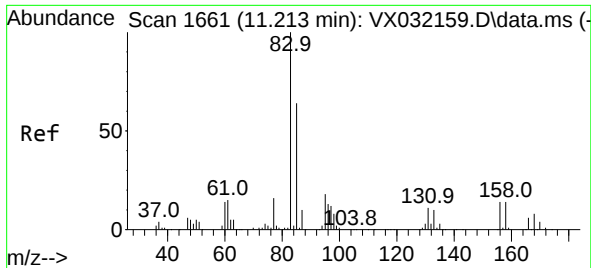


#74
N-ethyl acetate
Concen: 21.551 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51



Tgt Ion: 43 Resp: 56336
Ion Ratio Lower Upper
43 100
70 42.1 33.4 50.2
55 24.9 18.2 27.2
61 23.1 19.3 28.9





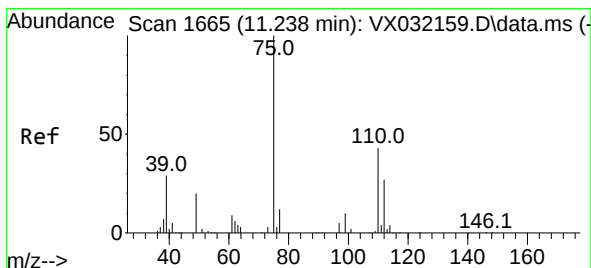
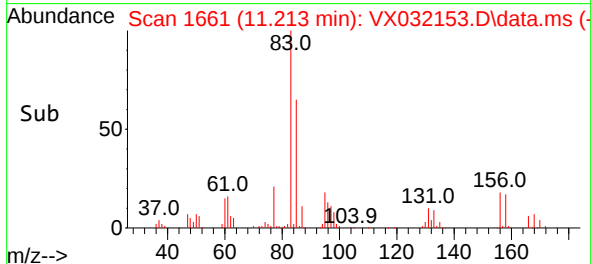
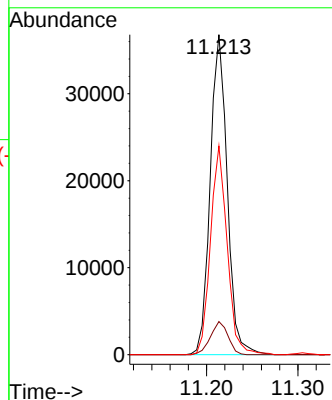
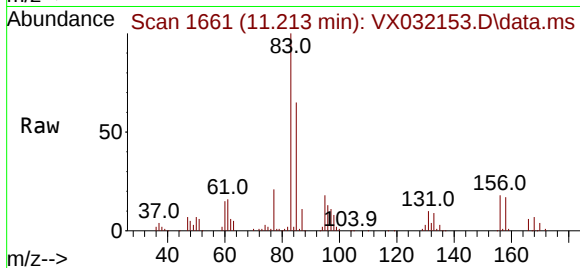
#75
1,1,2,2-Tetrachloroethane
Concen: 19.836 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 47484
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.4
85 64.0 32.6 97.8

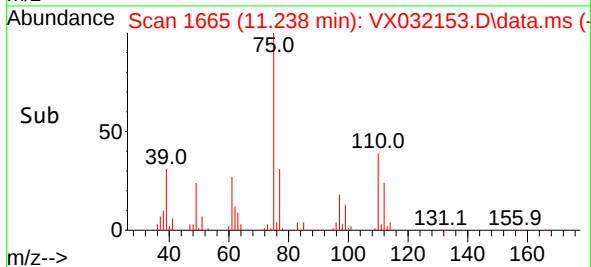
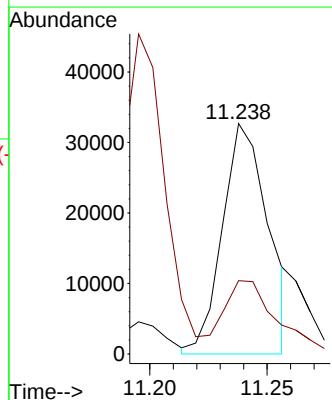
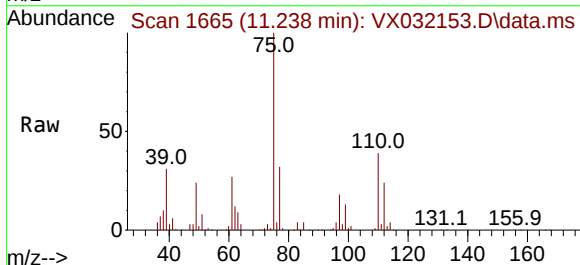
Manual Integrations
APPROVED

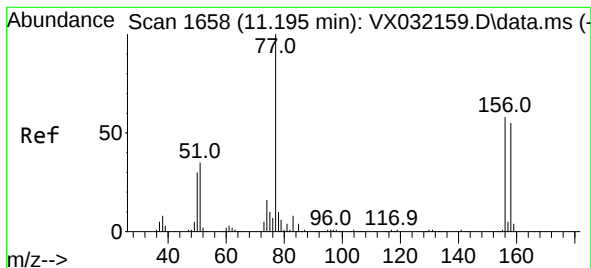
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#76
1,2,3-Trichloropropane
Concen: 20.286 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion: 75 Resp: 44227
Ion Ratio Lower Upper
75 100
77 38.3 20.3 60.9





#77

Bromobenzene

Concen: 19.563 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

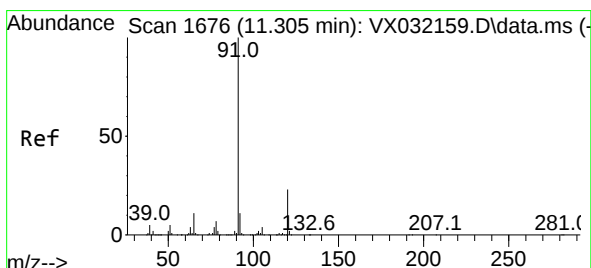
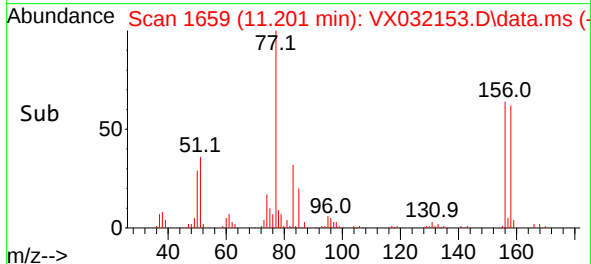
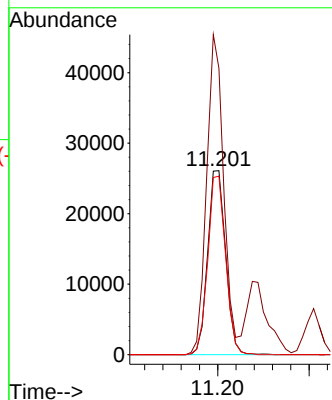
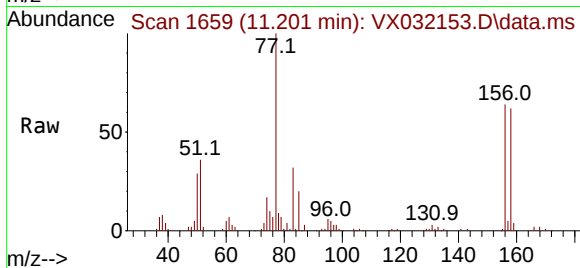
Tgt Ion:	156	Resp:	35558
Ion Ratio	Lower	Upper	
156	100		
77	163.4	79.5	238.6
158	96.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#78

n-propylbenzene

Concen: 19.938 ug/l

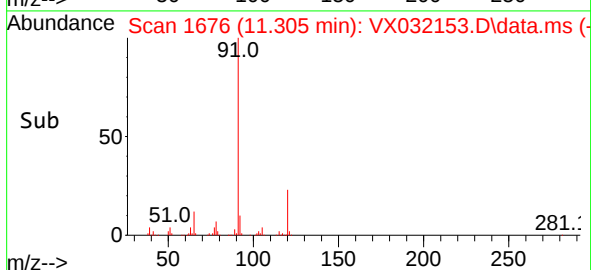
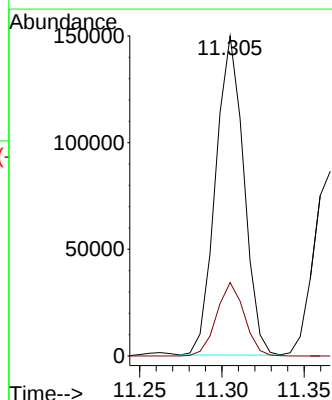
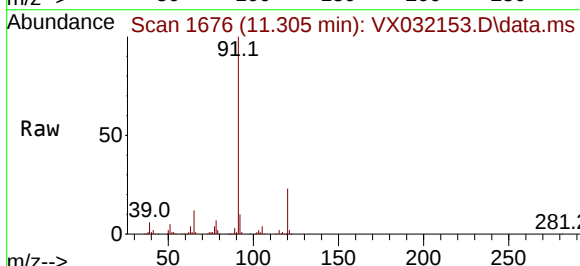
RT: 11.305 min Scan# 1676

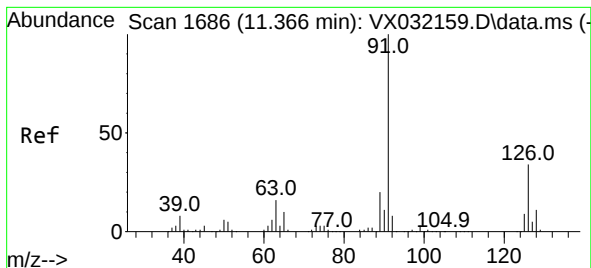
Delta R.T. -0.000 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Tgt Ion:	91	Resp:	178401
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.8	35.4





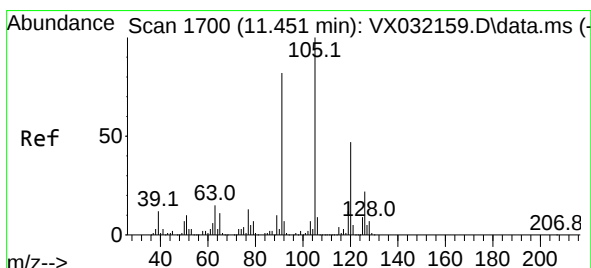
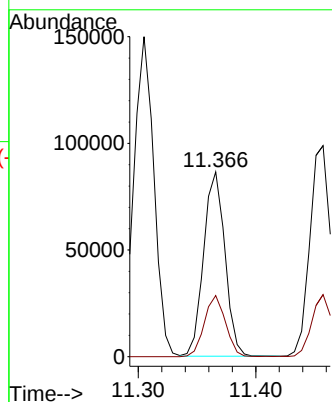
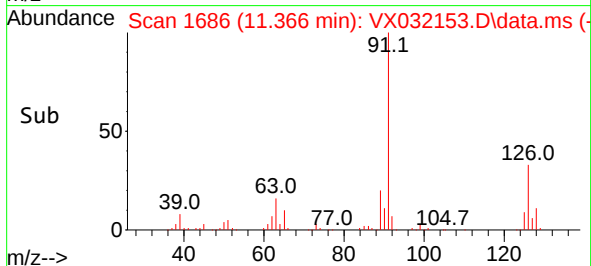
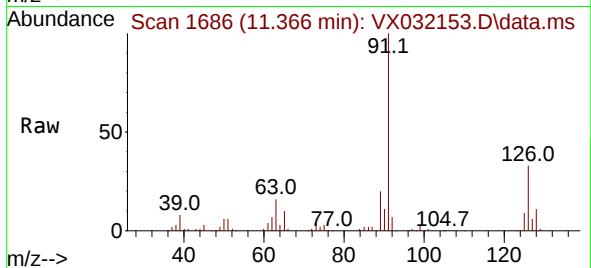
#79
2-Chlorotoluene
Concen: 19.722 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 109000
Ion Ratio Lower Upper
91 100
126 32.9 17.4 52.3

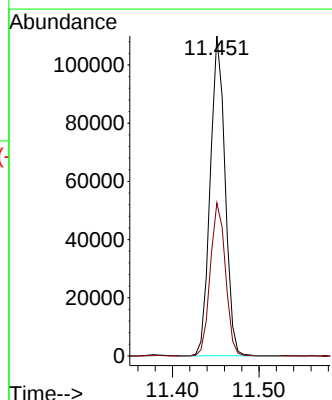
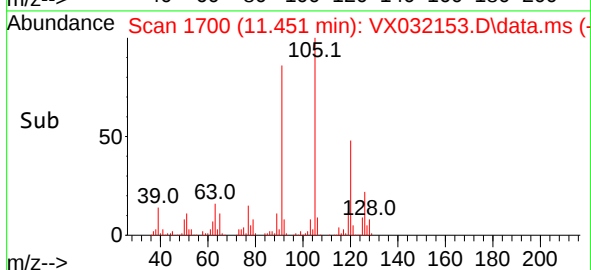
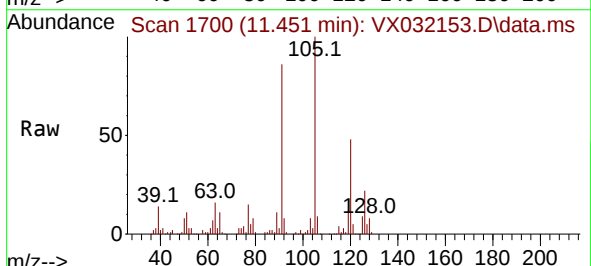
Manual Integrations
APPROVED

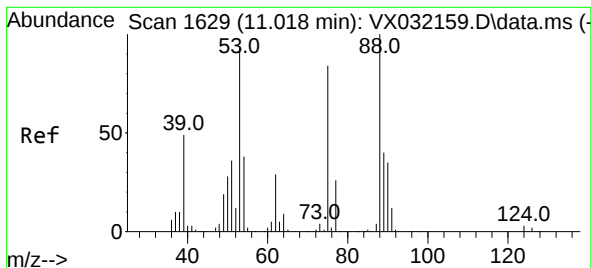
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.833 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Tgt Ion:105 Resp: 130715
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5





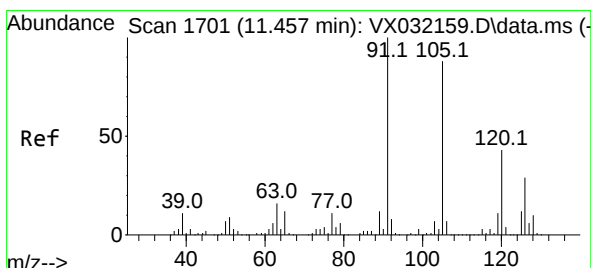
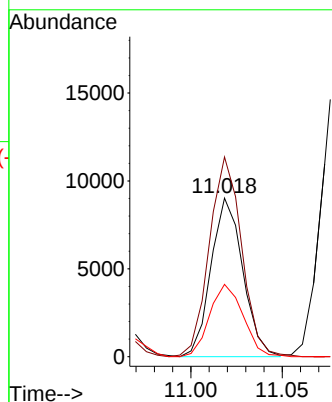
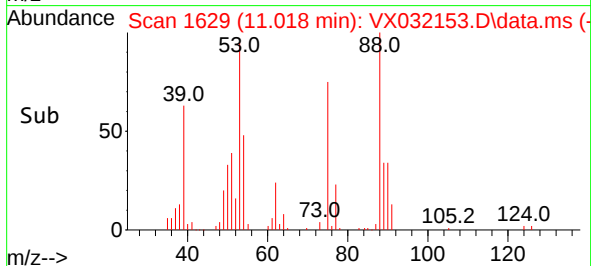
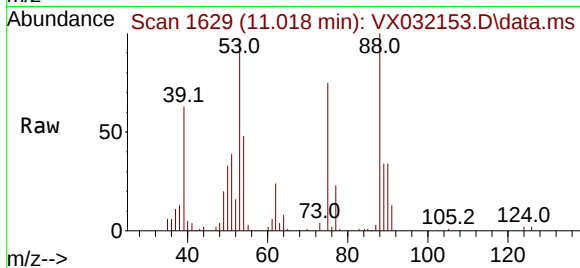
#81
trans-1,4-Dichloro-2-butene
Concen: 19.658 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 10934
Ion Ratio Lower Upper
75 100
53 128.1 77.6 116.4
89 48.0 37.4 56.0

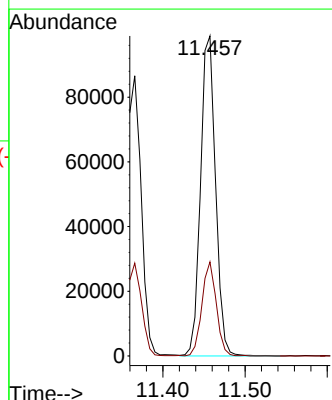
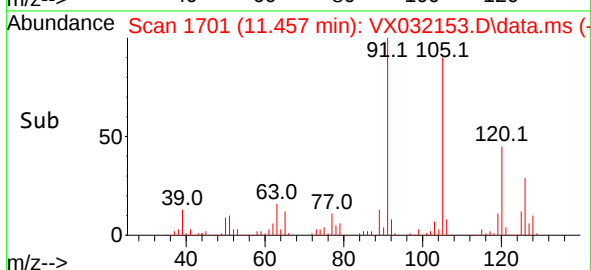
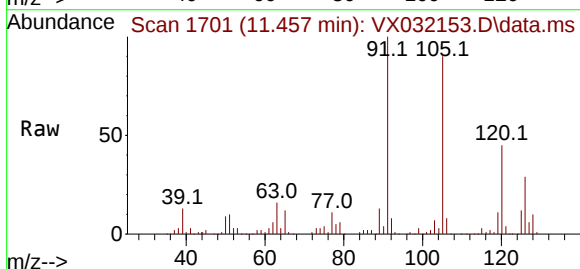
Manual Integrations
APPROVED

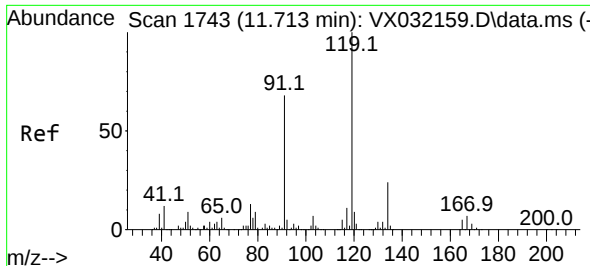
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
4-Chlorotoluene
Concen: 19.483 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

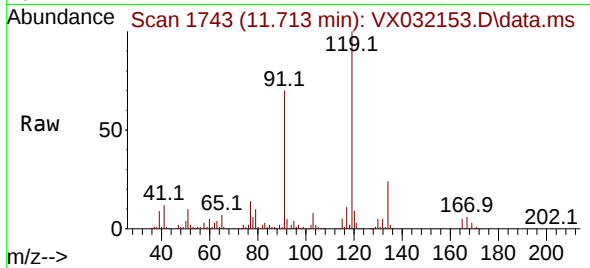
Tgt Ion: 91 Resp: 125484
Ion Ratio Lower Upper
91 100
126 28.2 15.1 45.3





#83
 tert-Butylbenzene
 Concen: 19.507 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX032153.D
 Acq: 17 Oct 2022 12:51

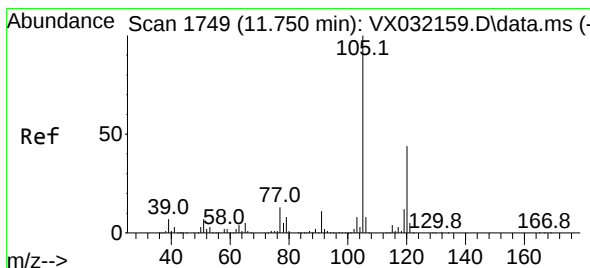
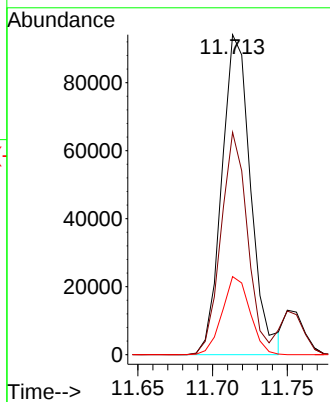
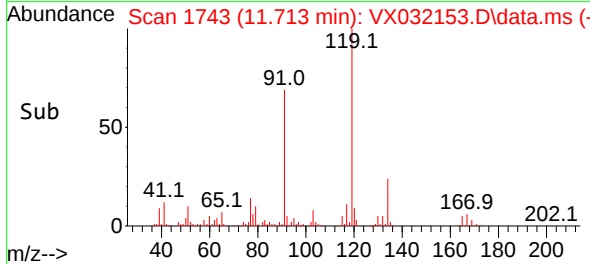
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



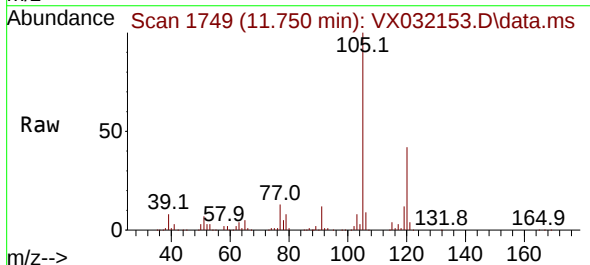
Tgt Ion:119 Resp: 12647
 Ion Ratio Lower Upper
 119 100
 91 63.8 29.2 87.6
 134 23.5 11.6 34.8

Manual Integrations
 APPROVED

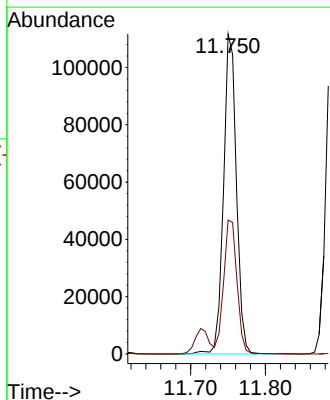
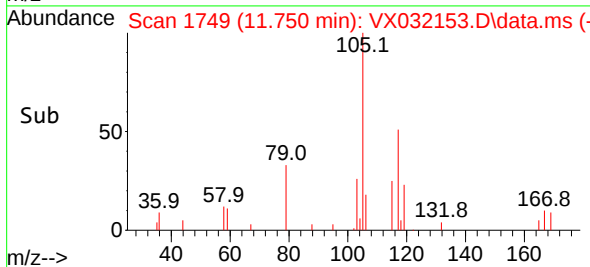
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

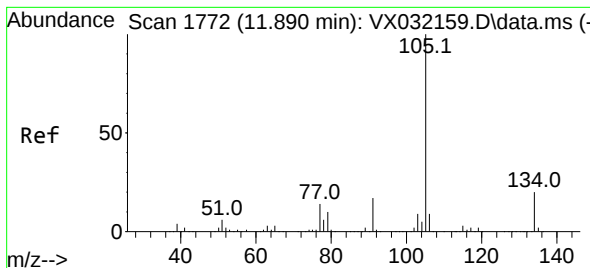


#84
 1,2,4-Trimethylbenzene
 Concen: 20.195 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX032153.D
 Acq: 17 Oct 2022 12:51



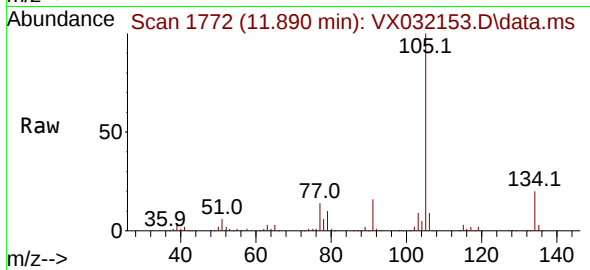
Tgt Ion:105 Resp: 133934
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.809 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032153.D
 Acq: 17 Oct 2022 12:51

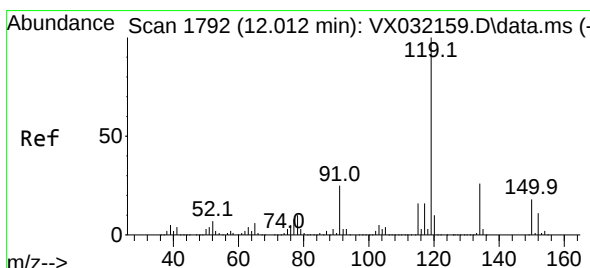
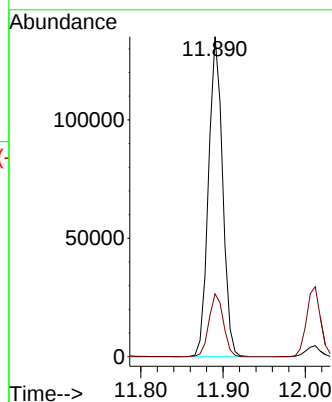
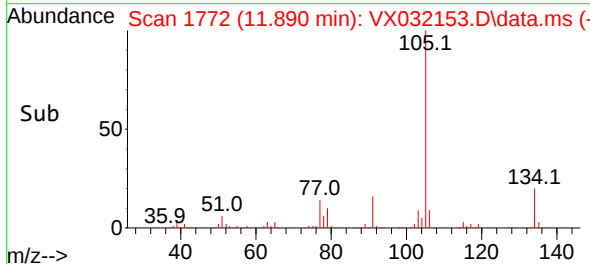
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



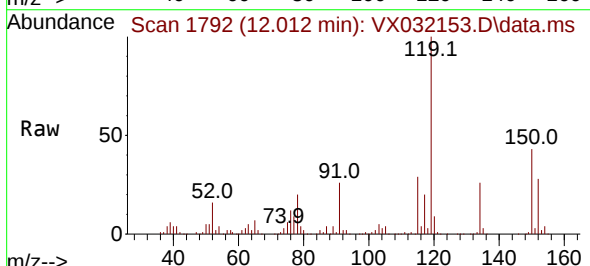
Tgt Ion:105 Resp: 160729
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations
 APPROVED

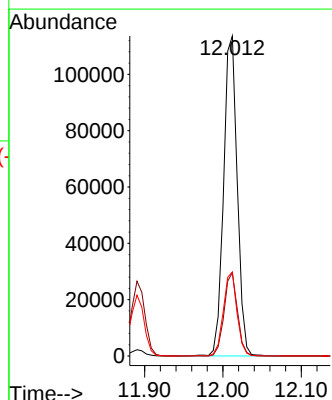
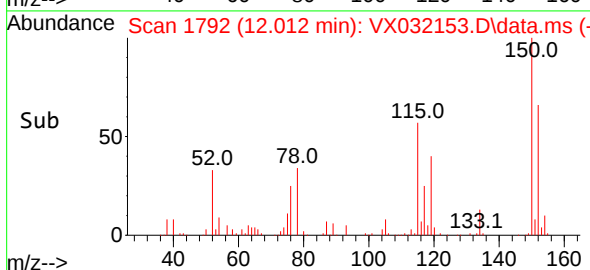
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

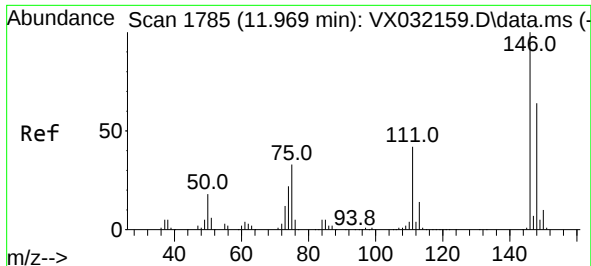


#86
 p-Isopropyltoluene
 Concen: 20.430 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032153.D
 Acq: 17 Oct 2022 12:51



Tgt Ion:119 Resp: 137997
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.4 40.2
 91 26.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.427 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

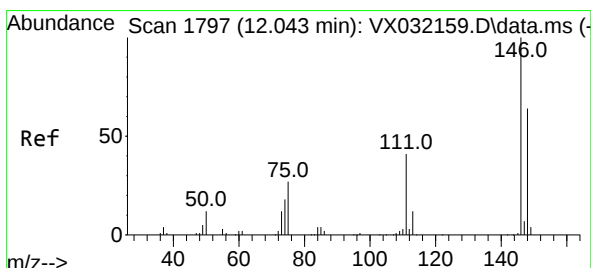
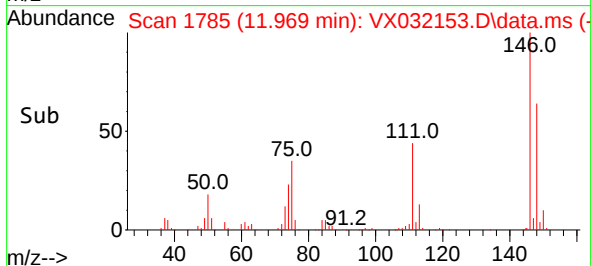
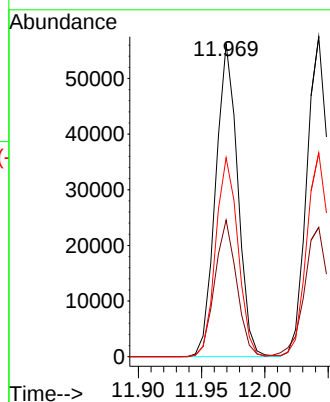
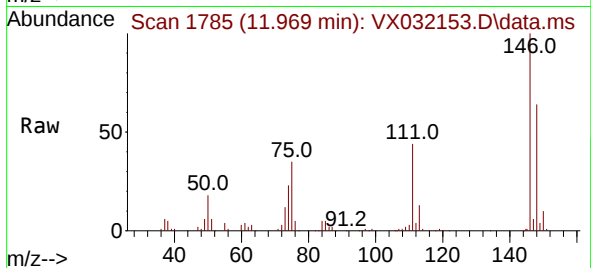
Tgt Ion:146 Resp: 68244
 Ion Ratio Lower Upper
 146 100
 111 43.3 19.8 59.4
 148 63.9 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#88

1,4-Dichlorobenzene

Concen: 19.598 ug/l

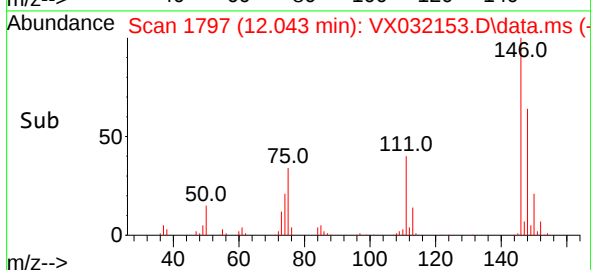
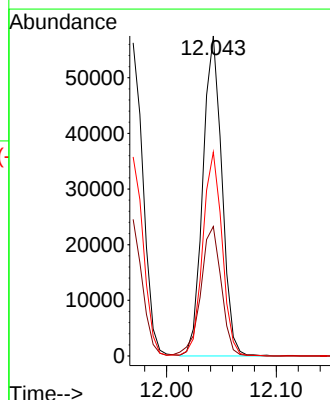
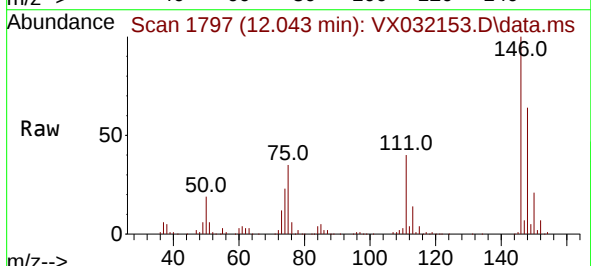
RT: 12.043 min Scan# 1797

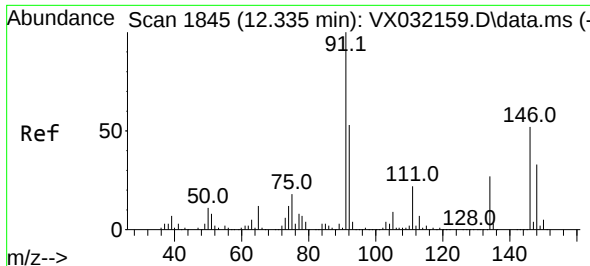
Delta R.T. -0.000 min

Lab File: VX032153.D

Acq: 17 Oct 2022 12:51

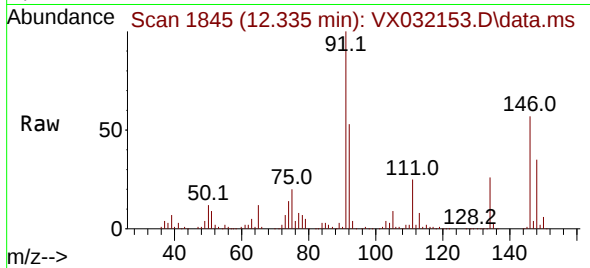
Tgt Ion:146 Resp: 69472
 Ion Ratio Lower Upper
 146 100
 111 43.6 20.5 61.5
 148 64.6 32.0 96.2





#89
n-Butylbenzene
Concen: 21.417 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

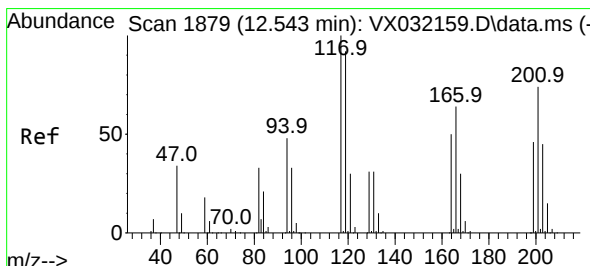
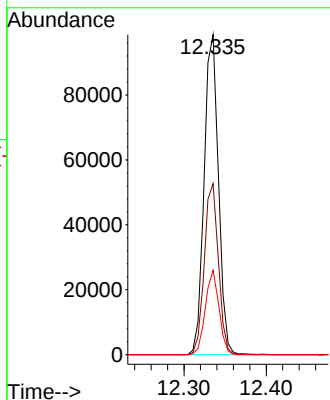
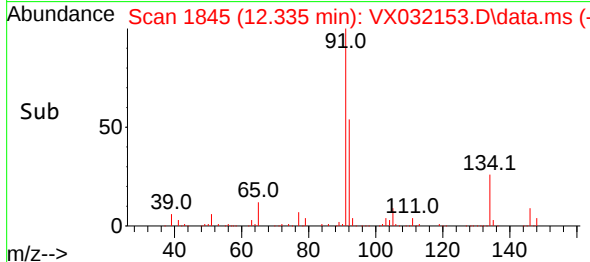
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 119270
Ion Ratio Lower Upper
91 100
92 52.6 27.0 81.0
134 25.0 13.3 39.9

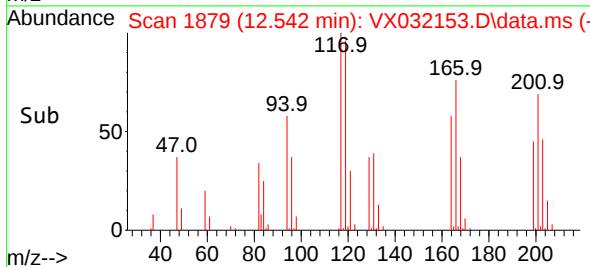
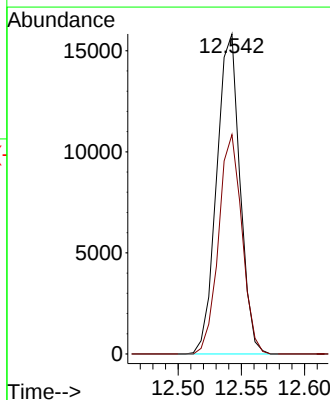
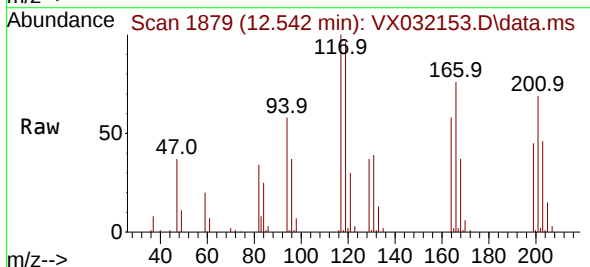
Manual Integrations
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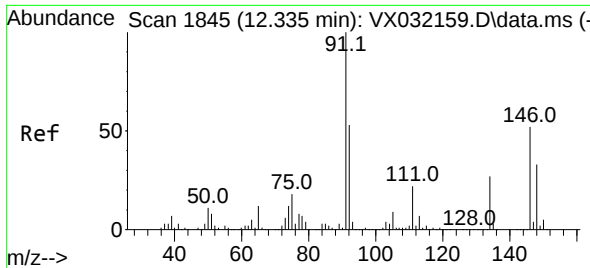
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#90
Hexachloroethane
Concen: 21.595 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

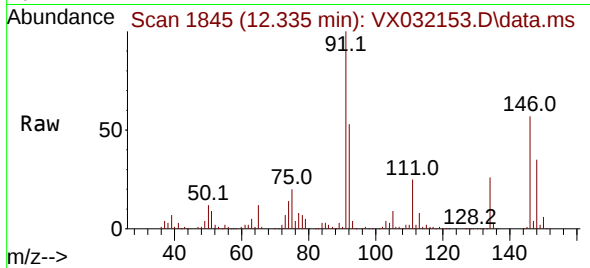
Tgt Ion:117 Resp: 20242
Ion Ratio Lower Upper
117 100
201 68.7 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 20.444 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

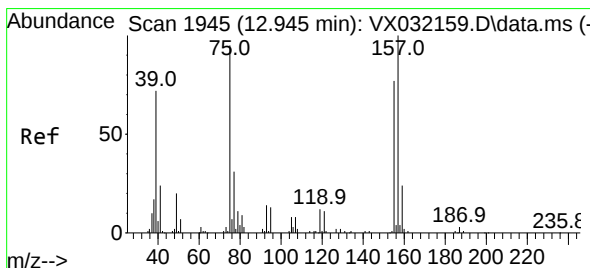
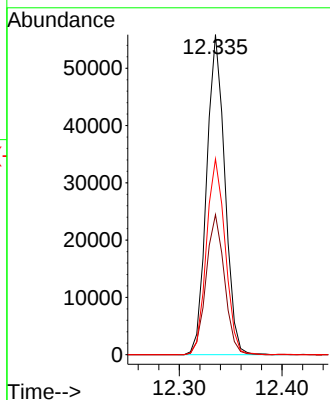
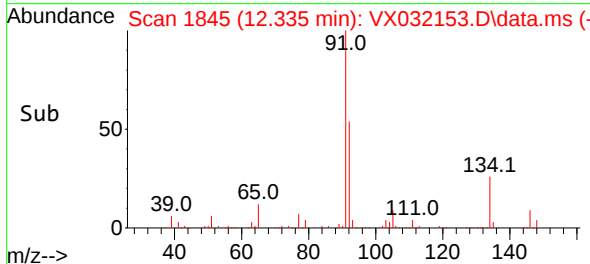
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



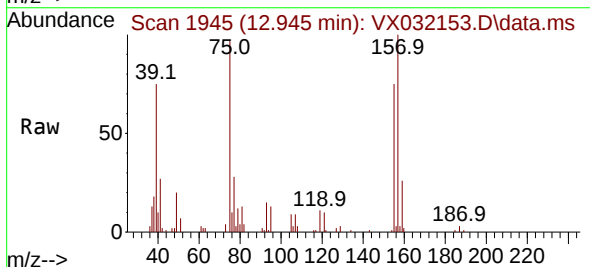
Tgt Ion:146 Resp: 68624
Ion Ratio Lower Upper
146 100
111 44.2 20.6 61.8
148 63.1 31.6 95.0

Manual Integrations
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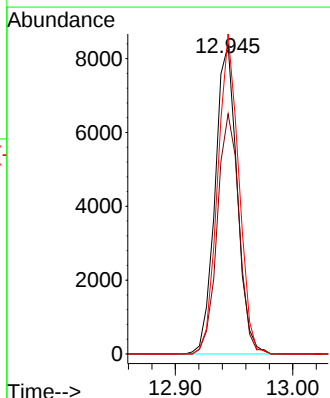
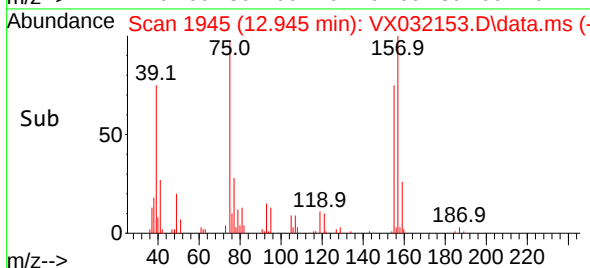
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

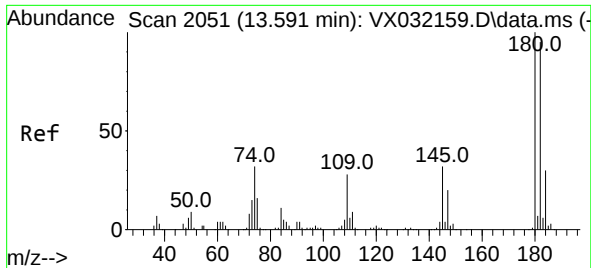


#92
1,2-Dibromo-3-Chloropropane
Concen: 25.553 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51



Tgt Ion: 75 Resp: 10899
Ion Ratio Lower Upper
75 100
155 76.9 40.3 120.8
157 99.2 51.5 154.5





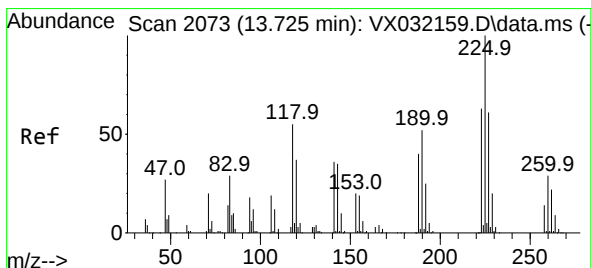
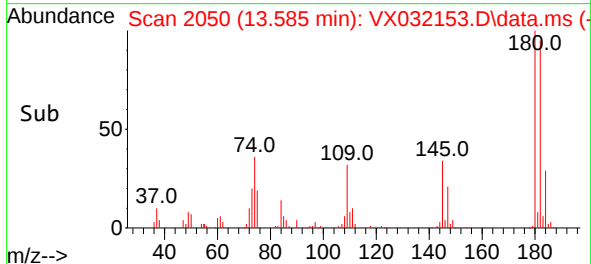
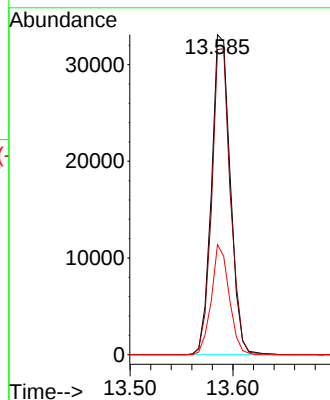
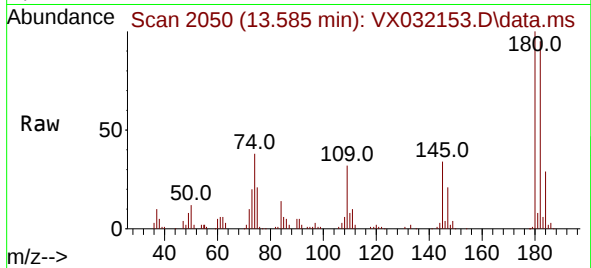
#93
1,2,4-Trichlorobenzene
Concen: 22.571 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 4208
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 32.5 16.7 50.1

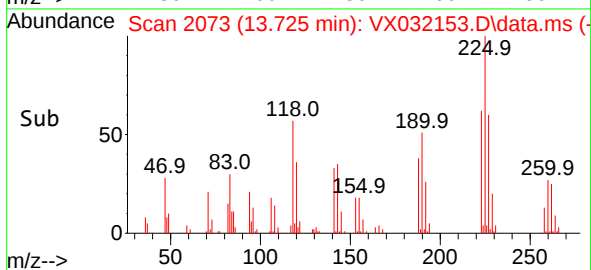
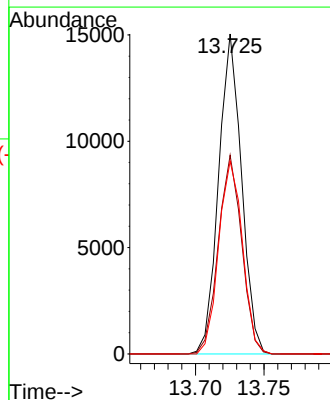
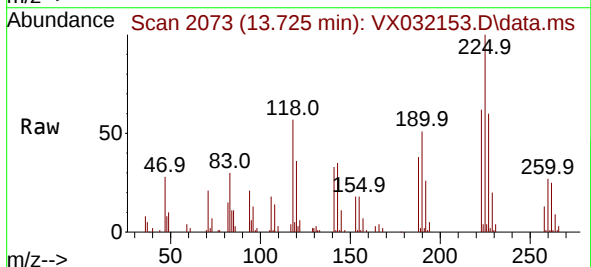
Manual Integrations
APPROVED

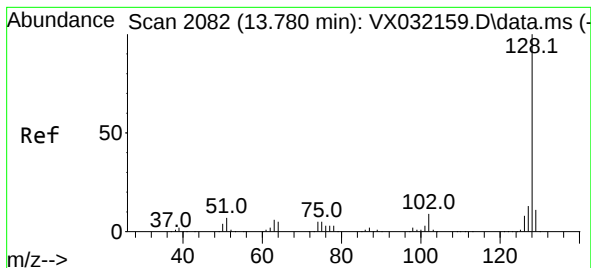
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#94
Hexachlorobutadiene
Concen: 22.397 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

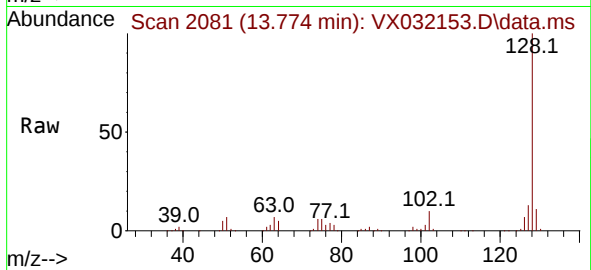
Tgt Ion:225 Resp: 17500
Ion Ratio Lower Upper
225 100
223 63.3 30.8 92.4
227 62.4 32.3 96.9





#95
Naphthalene
Concen: 22.430 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51

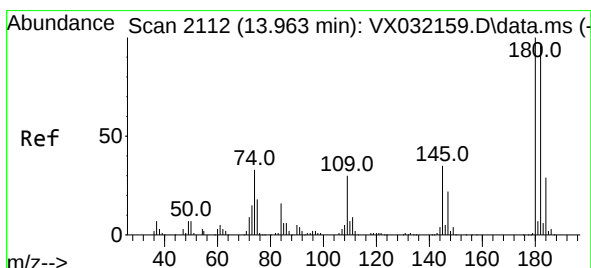
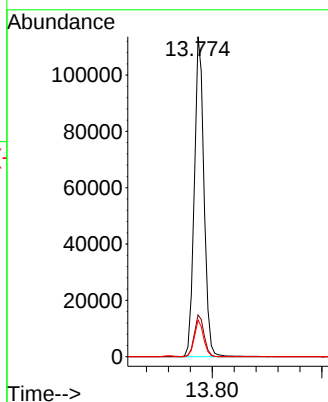
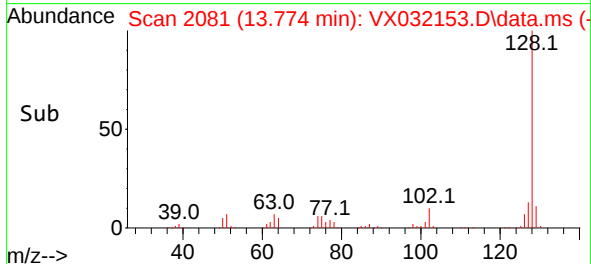
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



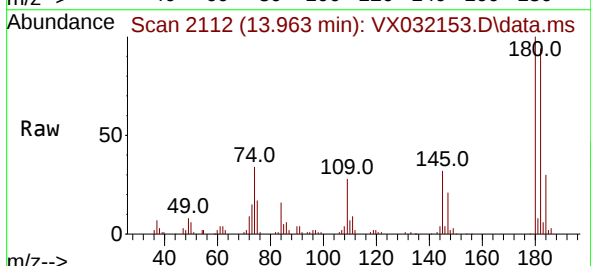
Tgt Ion:128 Resp: 13974
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 23.018 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032153.D
Acq: 17 Oct 2022 12:51



Tgt Ion:180 Resp: 42962
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 34.0 17.6 52.8

