

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032200.D
 Acq On : 19 Oct 2022 12:09
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 19 12:34:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 11:57:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	129755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32971	17.820	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	35.640%#		
35) Dibromofluoromethane	5.385	113	27602	20.414	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.820%#		
50) Toluene-d8	8.647	98	98900	20.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.160%#		
62) 4-Bromofluorobenzene	11.079	95	34895	18.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.400%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	23131	18.545	ug/l	99
3) Chloromethane	1.295	50	23417	17.978	ug/l	99
4) Vinyl Chloride	1.374	62	24763	19.103	ug/l	93
5) Bromomethane	1.612	94	27425	35.538	ug/l	95
6) Chloroethane	1.685	64	16590	19.376	ug/l	99
7) Trichlorofluoromethane	1.886	101	44054	20.260	ug/l	97
8) Diethyl Ether	2.136	74	15028	19.973	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	23815	18.643	ug/l	95
10) Methyl Iodide	2.453	142	34963	19.783	ug/l	96
11) Tert butyl alcohol	2.971	59	26442	60.234	ug/l	96
12) 1,1-Dichloroethene	2.319	96	22796	19.054	ug/l	99
13) Acrolein	2.233	56	20198	165.628	ug/l	98
14) Allyl chloride	2.666	41	35848	16.487	ug/l	91
15) Acrylonitrile	3.063	53	62820	83.009	ug/l	97
16) Acetone	2.380	43	53690	68.053	ug/l	93
17) Carbon Disulfide	2.514	76	51355	17.129	ug/l	99
18) Methyl Acetate	2.703	43	37527	15.172	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	76179	17.326	ug/l	99
20) Methylene Chloride	2.788	84	26128	17.246	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	24829	18.957	ug/l	98
22) Diisopropyl ether	3.758	45	75918	17.777	ug/l #	85
23) Vinyl Acetate	3.721	43	307823	88.776	ug/l	95
24) 1,1-Dichloroethane	3.611	63	44986	17.952	ug/l	98
25) 2-Butanone	4.556	43	84718	72.906	ug/l	96
26) 2,2-Dichloropropane	4.477	77	31693	14.440	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	29600	19.569	ug/l	96
28) Bromochloromethane	4.898	49	18869	18.481	ug/l	98
29) Tetrahydrofuran	5.007	42	54548	74.999	ug/l	94
30) Chloroform	5.093	83	48855	18.334	ug/l	98
31) Cyclohexane	5.477	56	38127	17.617	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	41450	17.380	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35462	19.131	ug/l	97
37) Ethyl Acetate	4.715	43	34353	15.905	ug/l	97
38) Carbon Tetrachloride	5.678	117	37105	17.785	ug/l	97
39) Methylcyclohexane	7.385	83	41649	18.819	ug/l	97
40) Benzene	6.038	78	102616	19.302	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18768	16.294	ug/l	95
42) 1,2-Dichloroethane	6.086	62	39302	17.728	ug/l	96
43) Isopropyl Acetate	6.342	43	53491	15.558	ug/l	94
44) Trichloroethene	7.129	130	28524	19.095	ug/l	93
45) 1,2-Dichloropropane	7.428	63	26611	18.965	ug/l	96
46) Dibromomethane	7.580	93	19686	19.166	ug/l	97
47) Bromodichloromethane	7.824	83	35389	18.529	ug/l	96
48) Methyl methacrylate	7.696	41	27138	15.819	ug/l #	88
49) 1,4-Dioxane	7.684	88	12585	350.359	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	176593	80.602	ug/l	91
52) Toluene	8.720	92	65952	18.927	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	34154	15.769	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38991	17.396	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	27376	18.448	ug/l	96
56) Ethyl methacrylate	9.116	69	38565	17.331	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	43848	18.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	85793	79.888	ug/l	98
59) 2-Hexanone	9.433	43	130406	76.388	ug/l	90
60) Dibromochloromethane	9.519	129	27239	18.183	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28507	18.028	ug/l	100
64) Tetrachloroethene	9.275	164	23607	16.836	ug/l	96
65) Chlorobenzene	10.080	112	71878	19.302	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25915	18.777	ug/l	100
67) Ethyl Benzene	10.195	91	129368	19.859	ug/l	100
68) m/p-Xylenes	10.299	106	100927	40.469	ug/l	97
69) o-Xylene	10.640	106	49002	19.684	ug/l	97
70) Styrene	10.659	104	79763	19.750	ug/l	99
71) Bromoform	10.799	173	18645	17.943	ug/l #	97
73) Isopropylbenzene	10.964	105	128097	19.113	ug/l	100
74) N-amyl acetate	10.842	43	47752	16.925	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	41533	19.155	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35491m	17.149	ug/l	
77) Bromobenzene	11.201	156	31281	18.571	ug/l	94
78) n-propylbenzene	11.305	91	148894	19.665	ug/l	100
79) 2-Chlorotoluene	11.366	91	87210	18.543	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	109012	19.296	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9422	13.390	ug/l #	81
82) 4-Chlorotoluene	11.457	91	101887	19.041	ug/l	100
83) tert-Butylbenzene	11.713	119	111311	20.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	109951	19.785	ug/l	98
85) sec-Butylbenzene	11.890	105	134651	19.709	ug/l	99
86) p-Isopropyltoluene	12.012	119	113910	19.863	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	59207	19.623	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	59905	19.451	ug/l	98
89) n-Butylbenzene	12.335	91	97099	19.569	ug/l	99
90) Hexachloroethane	12.543	117	17305	18.730	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	58928	19.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8188	16.460	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	38064	21.822	ug/l	98
94) Hexachlorobutadiene	13.725	225	16244	18.649	ug/l	98
95) Naphthalene	13.780	128	130172	23.207	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38853	22.098	ug/l	99

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ClientSampleId :
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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

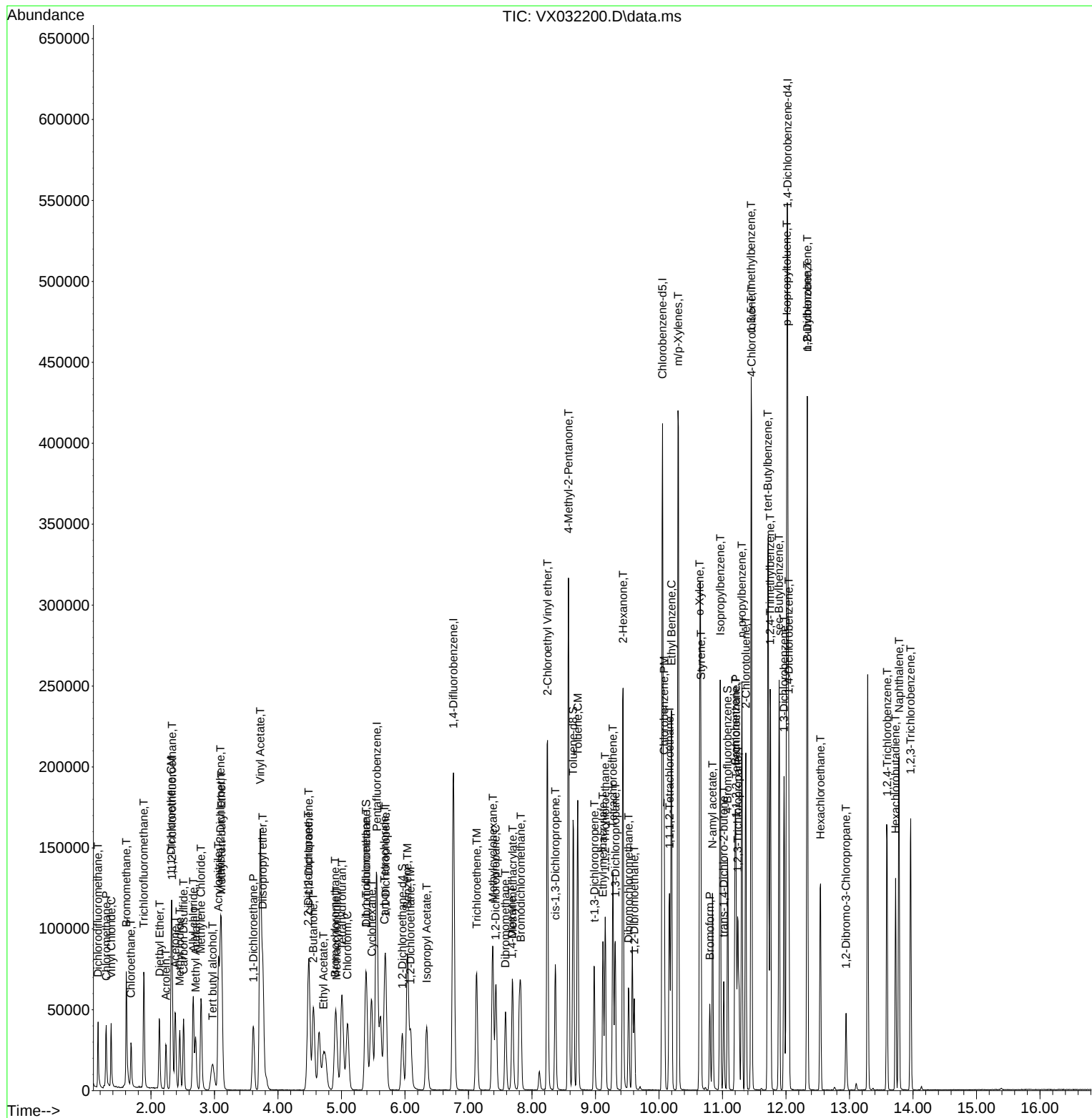
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Data File : VX032200.D
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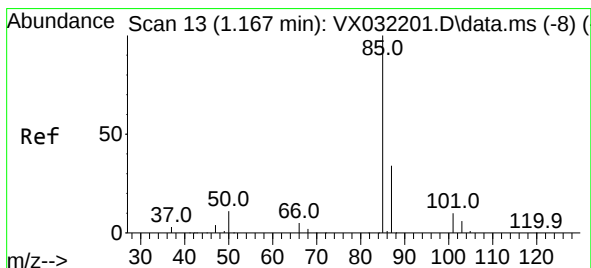
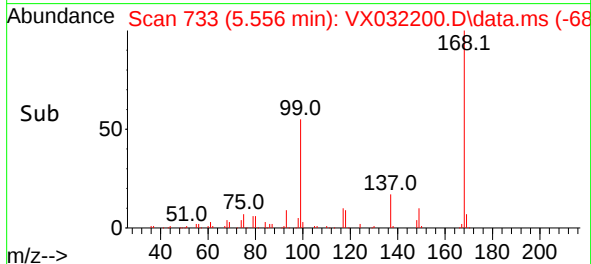
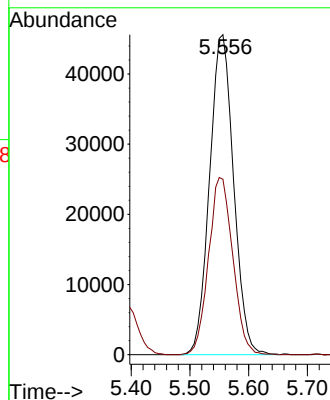
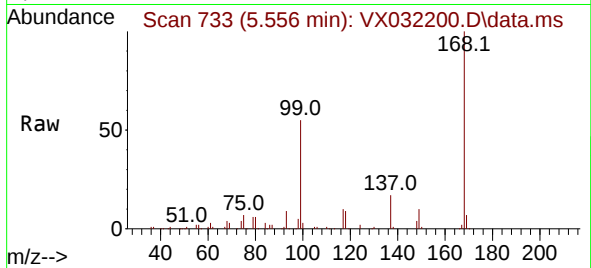
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 12975
Ion Ratio Lower Upper
168 100
99 54.8 45.8 68.6

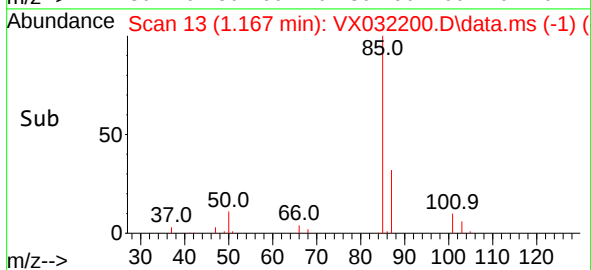
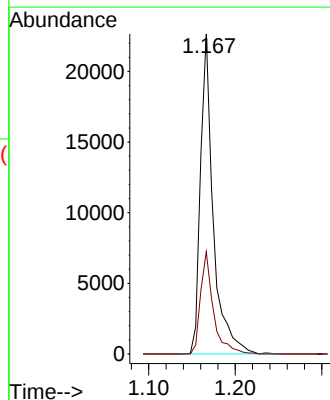
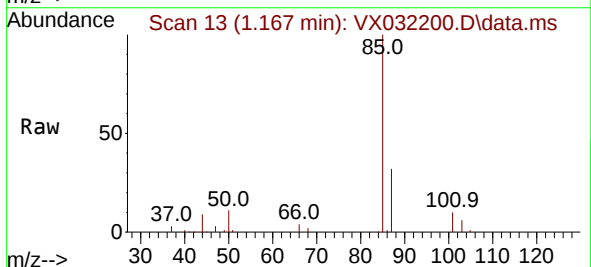
Manual Integrations
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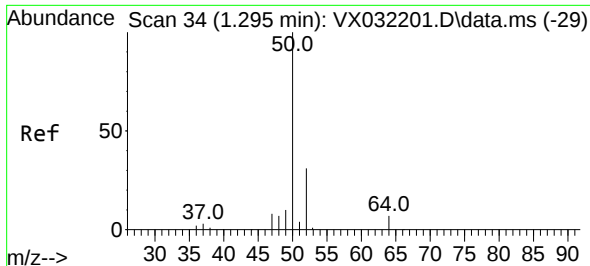
Reviewed By :John Carlone 10/20/2022
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#2
Dichlorodifluoromethane
Concen: 18.545 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

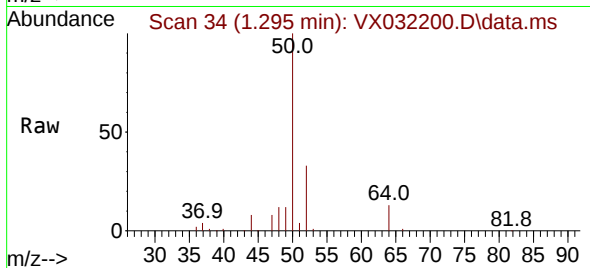
Tgt Ion: 85 Resp: 23131
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.2





#3
Chloromethane
Concen: 17.978 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

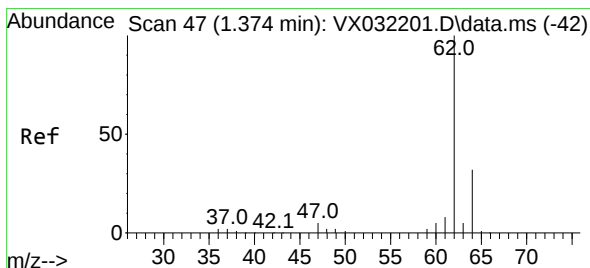
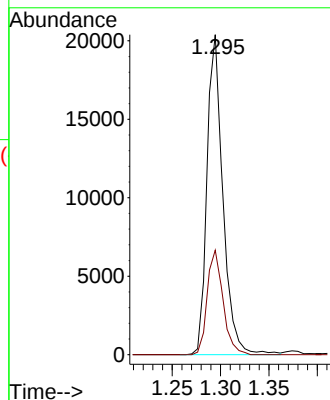
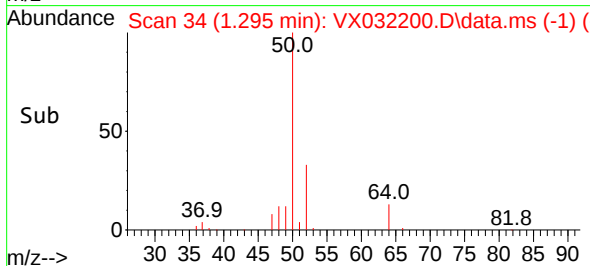
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 2341
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

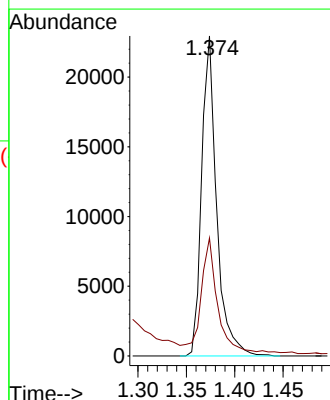
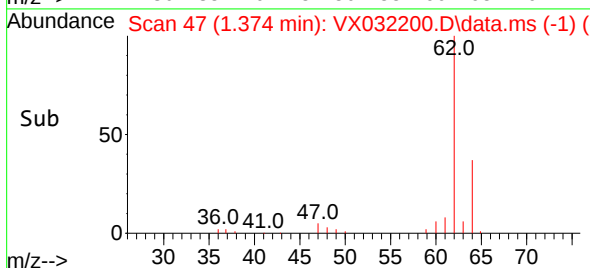
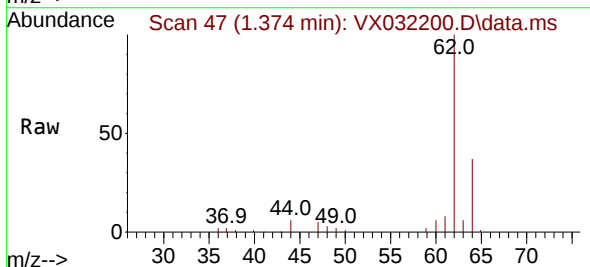
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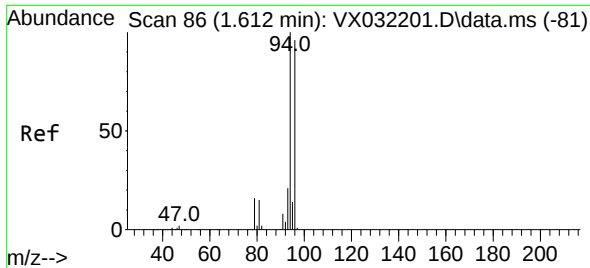
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#4
Vinyl Chloride
Concen: 19.103 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 62 Resp: 24763
Ion Ratio Lower Upper
62 100
64 35.8 25.7 38.5





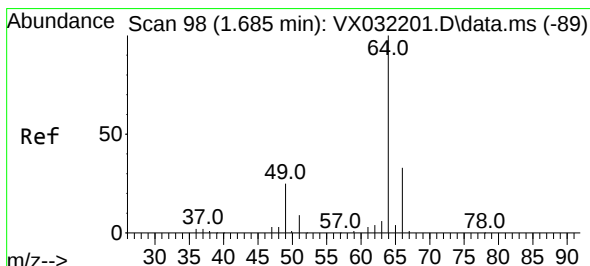
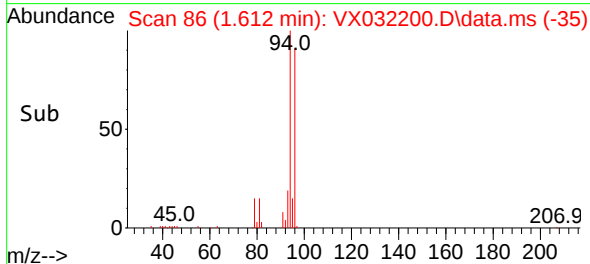
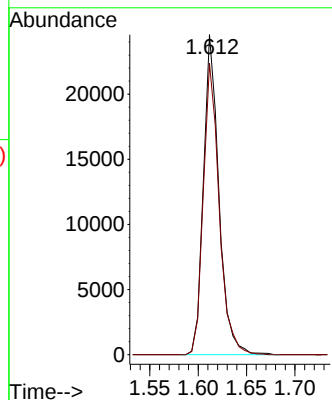
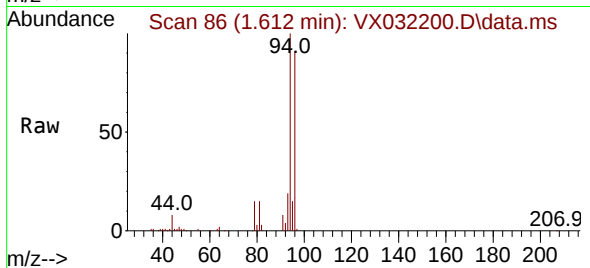
#5
Bromomethane
Concen: 35.538 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
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Client Sample Id :
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Tgt Ion: 94 Resp: 27425
Ion Ratio Lower Upper
94 100
96 91.0 76.4 114.6

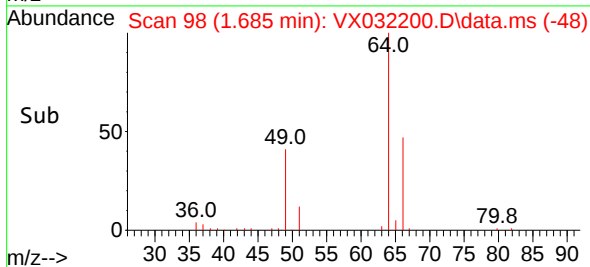
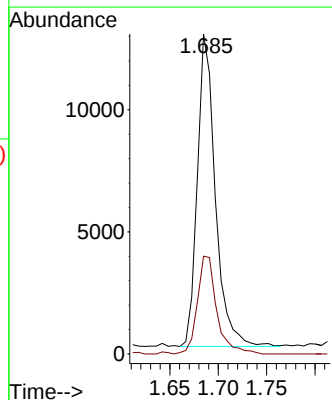
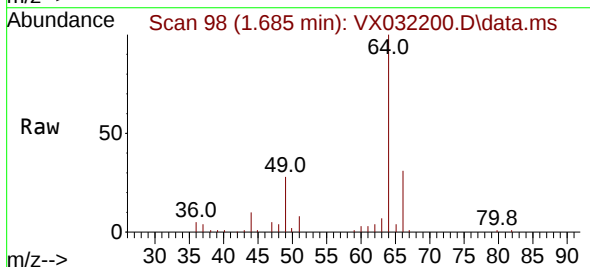
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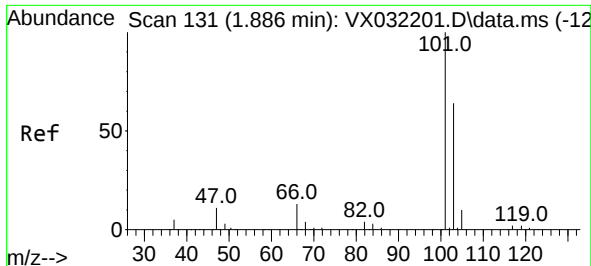
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 19.376 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

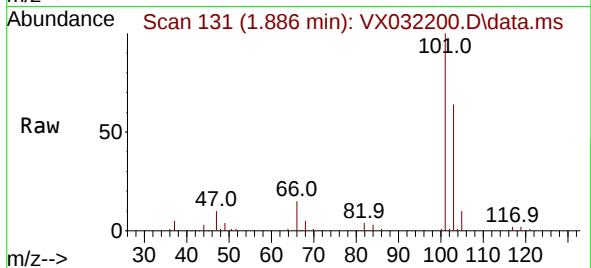
Tgt Ion: 64 Resp: 16590
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 20.260 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

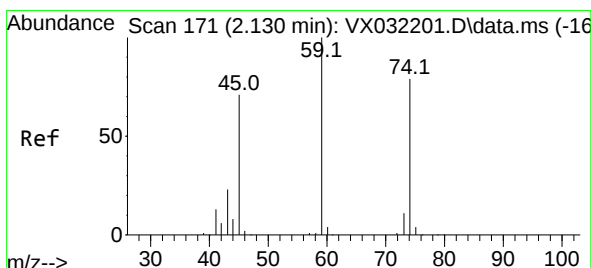
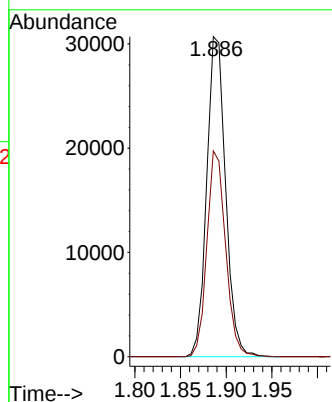
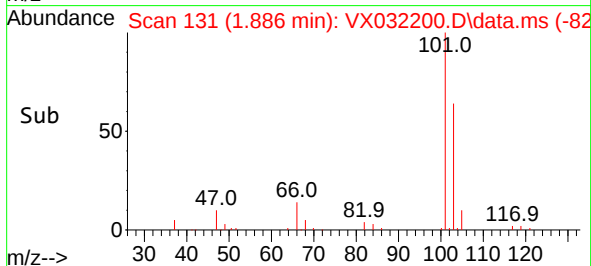
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:101 Resp: 44054
Ion Ratio Lower Upper
101 100
103 64.3 53.2 79.8

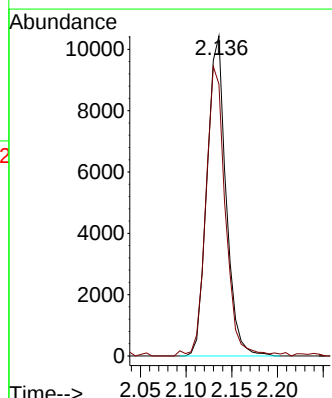
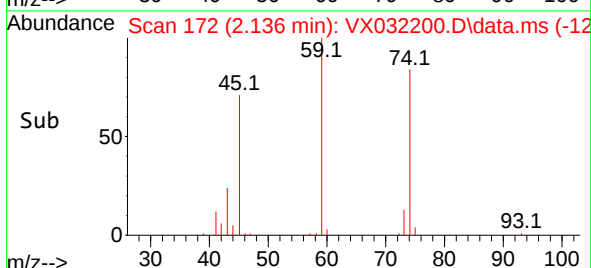
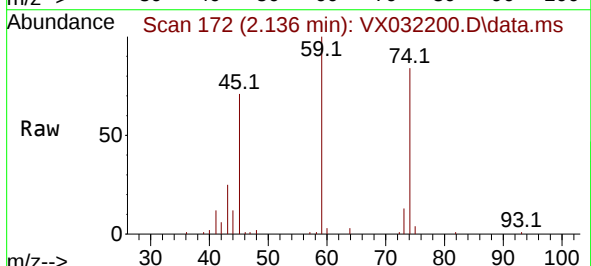
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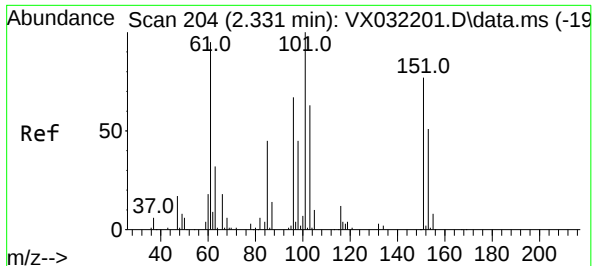
Reviewed By :John Carlone 10/20/2022
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#8
Diethyl Ether
Concen: 19.973 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 74 Resp: 15028
Ion Ratio Lower Upper
74 100
45 92.8 44.5 133.5





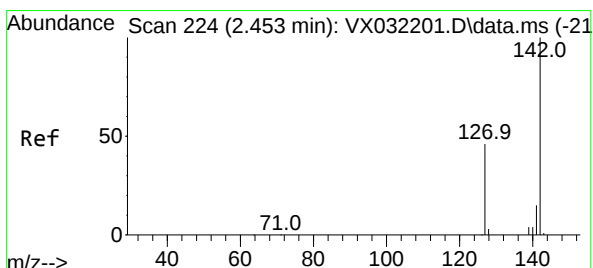
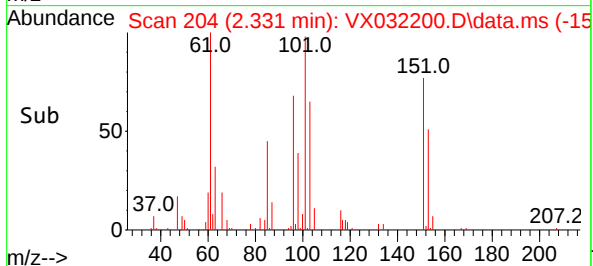
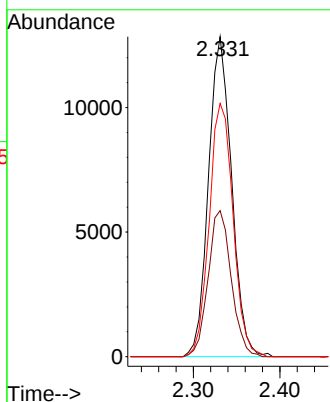
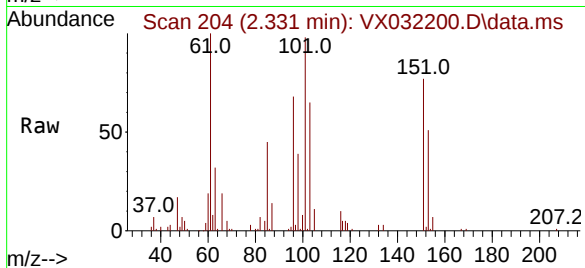
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.643 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2381
Ion Ratio Lower Upper
101 100
85 45.8 34.9 52.3
151 81.7 61.4 92.2

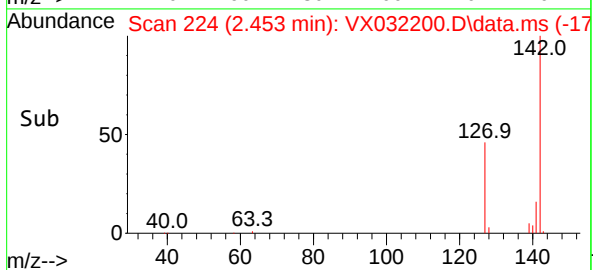
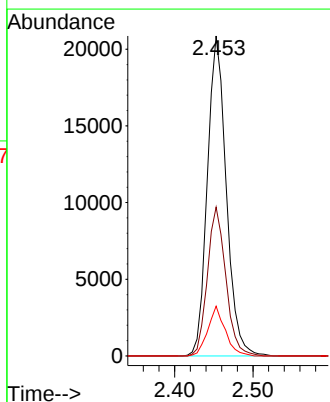
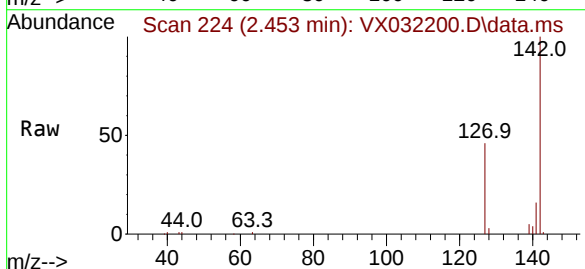
Manual Integrations
APPROVED

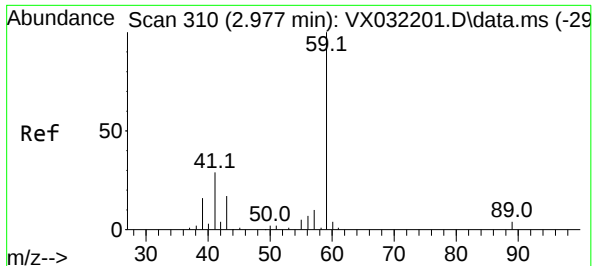
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 19.783 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion:142 Resp: 34963
Ion Ratio Lower Upper
142 100
127 45.3 33.3 49.9
141 14.4 11.4 17.0





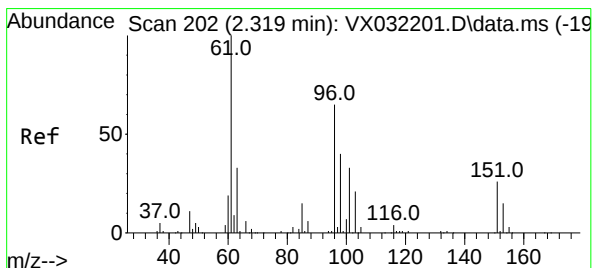
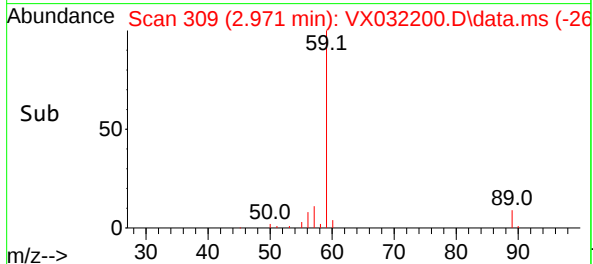
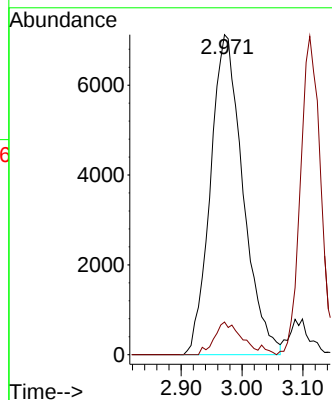
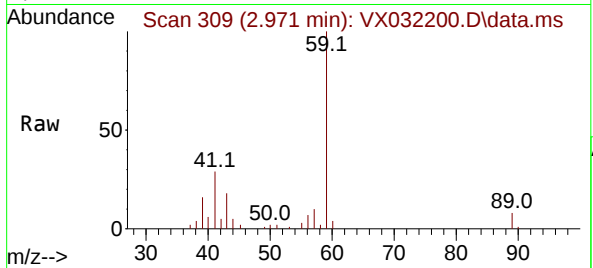
#11
Tert butyl alcohol
Concen: 60.234 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 2644
Ion Ratio Lower Upper
59 100
57 8.3 7.8 11.8

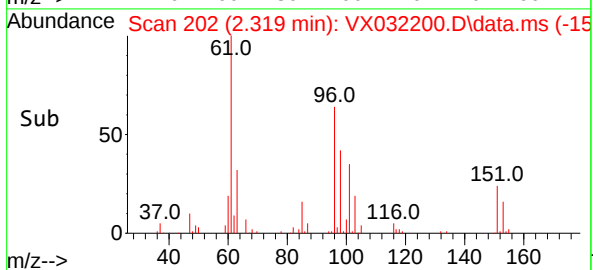
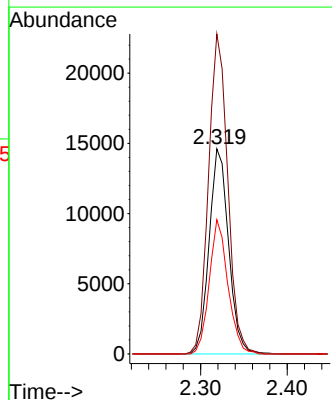
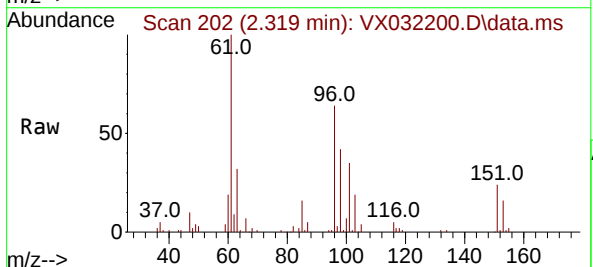
Manual Integrations
APPROVED

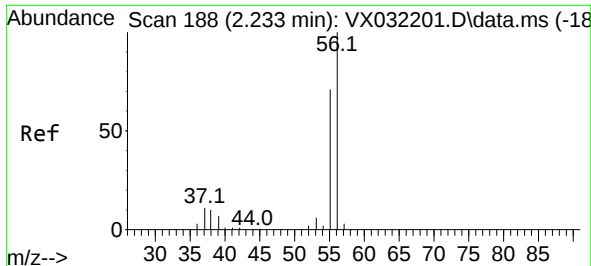
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#12
1,1-Dichloroethene
Concen: 19.054 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

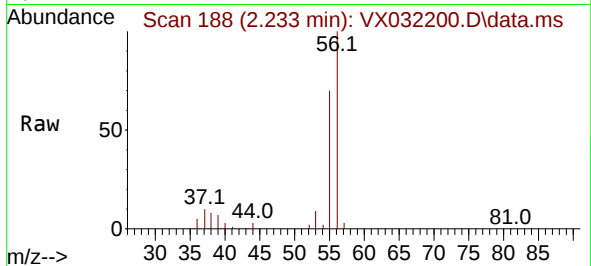
Tgt Ion: 96 Resp: 22796
Ion Ratio Lower Upper
96 100
61 156.0 124.6 187.0
98 65.5 50.6 76.0





#13
Acrolein
Concen: 165.628 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.013 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

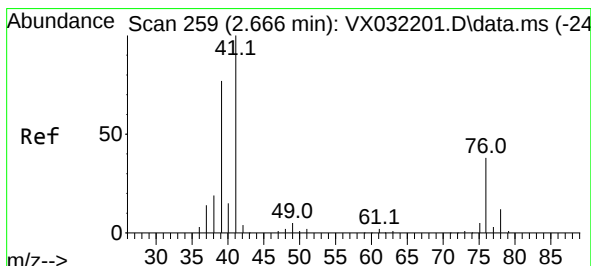
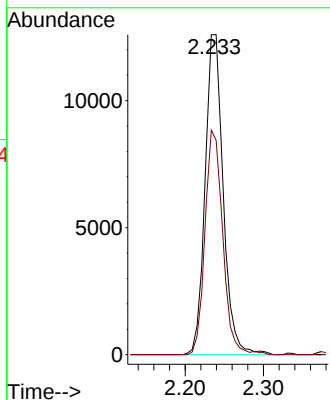
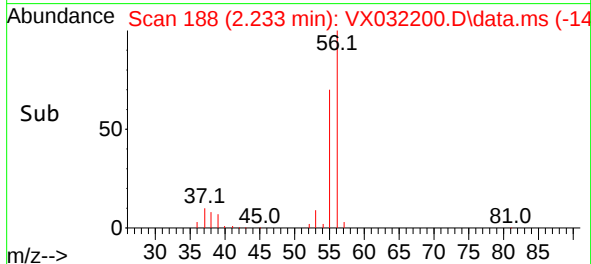
Instrument :
MSVOA_X
Client Sample Id :
VSTDICC020



Tgt Ion: 56 Resp: 20198
Ion Ratio Lower Upper
56 100
55 68.7 56.4 84.6

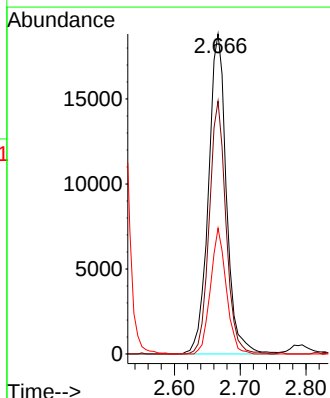
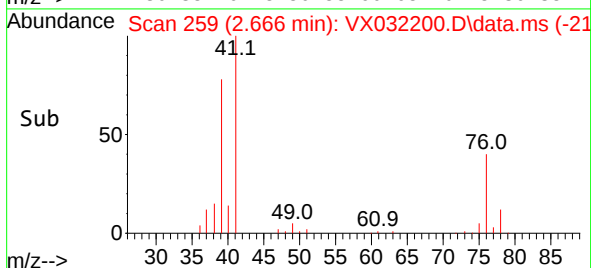
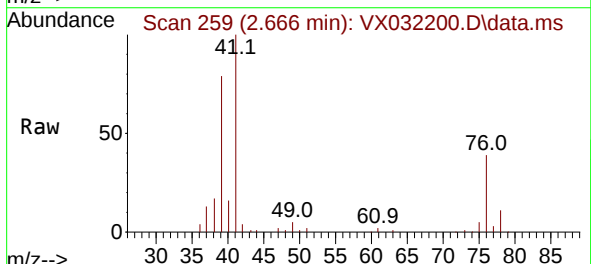
Manual Integrations
APPROVED

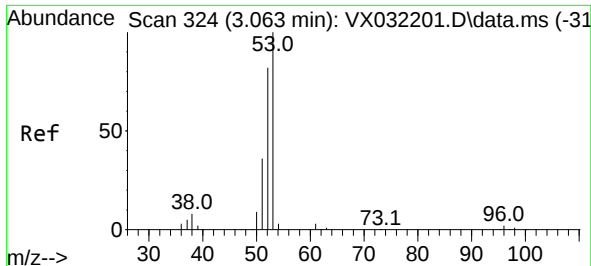
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 16.487 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

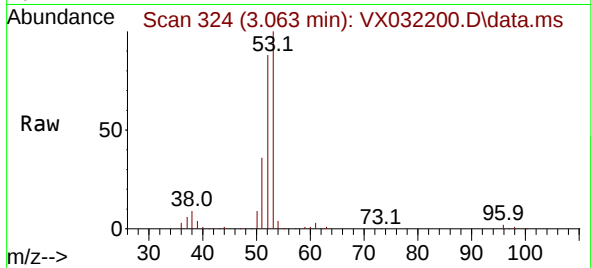
Tgt Ion: 41 Resp: 35848
Ion Ratio Lower Upper
41 100
39 73.2 51.6 77.4
76 34.4 30.5 45.7





#15
Acrylonitrile
Concen: 83.009 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

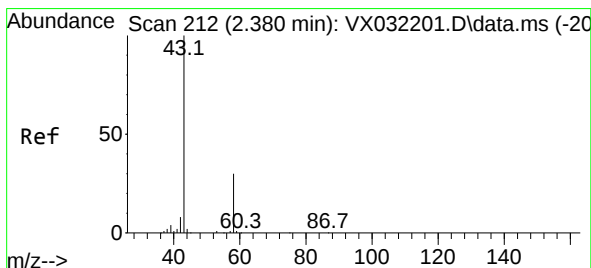
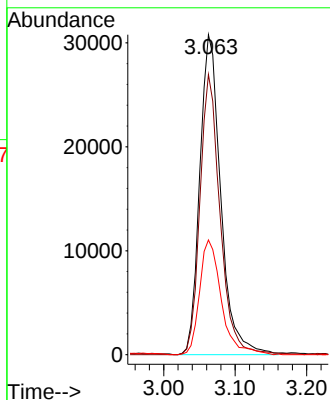
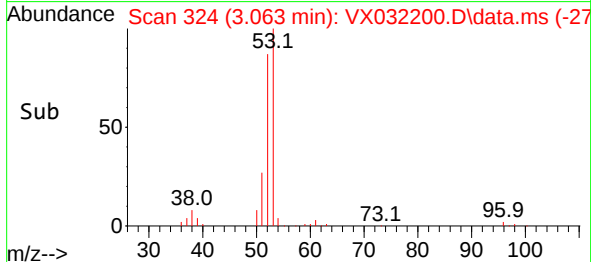
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 62820
Ion Ratio Lower Upper
53 100
52 84.1 65.3 97.9
51 37.1 28.2 42.2

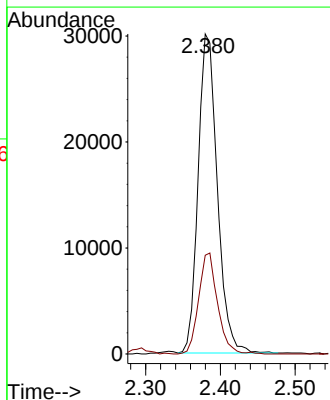
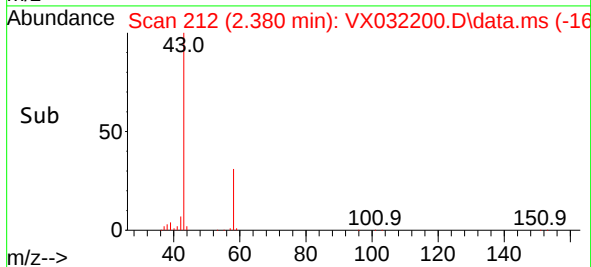
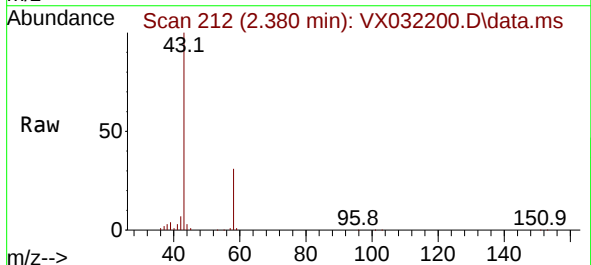
Manual Integrations
APPROVED

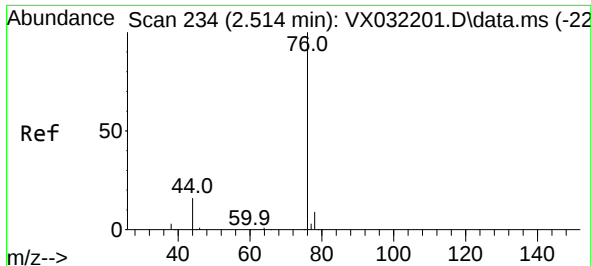
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#16
Acetone
Concen: 68.053 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 43 Resp: 53690
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8





#17

Carbon Disulfide

Concen: 17.129 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 5135

Ion Ratio Lower Upper

76 100

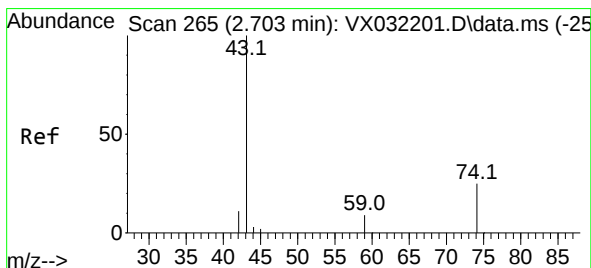
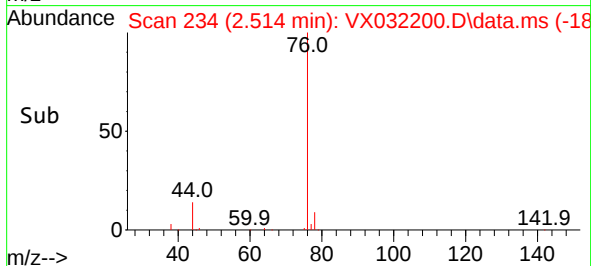
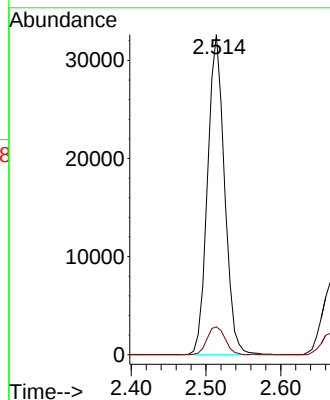
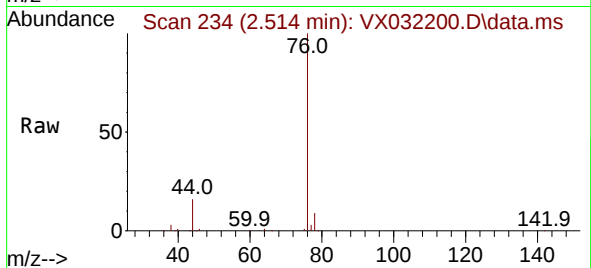
78 8.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#18

Methyl Acetate

Concen: 15.172 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.012 min

Lab File: VX032200.D

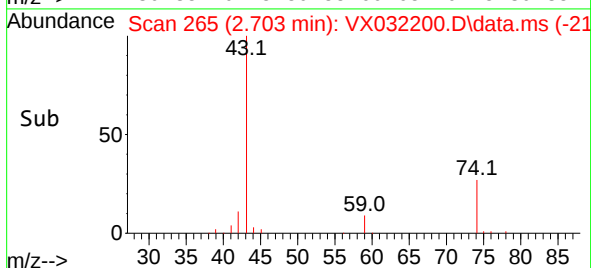
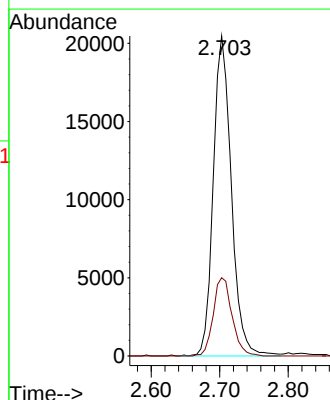
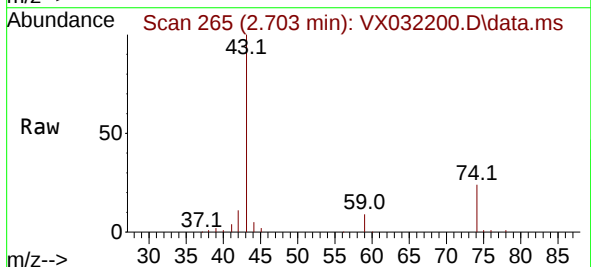
Acq: 19 Oct 2022 12:09

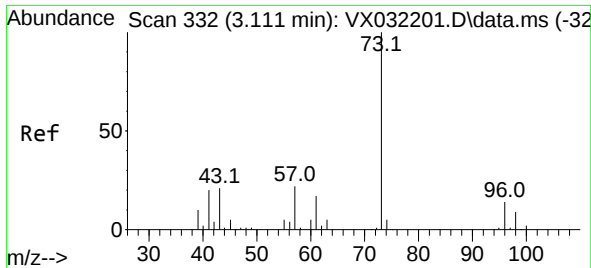
Tgt Ion: 43 Resp: 37527

Ion Ratio Lower Upper

43 100

74 25.3 21.9 32.9





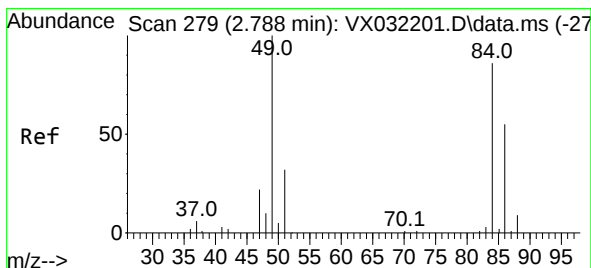
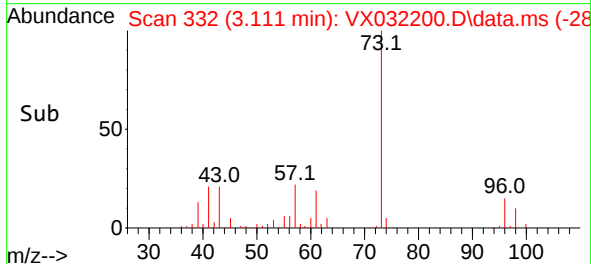
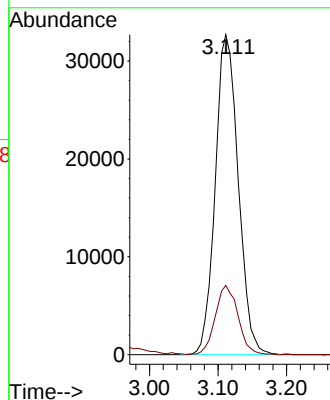
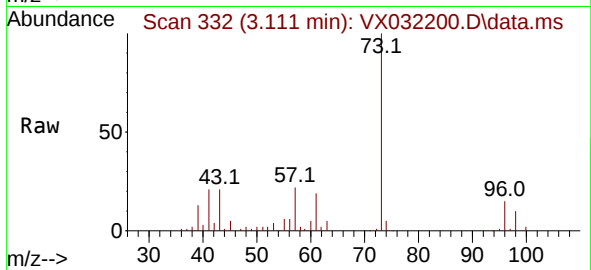
#19
Methyl tert-butyl Ether
Concen: 17.326 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 76179
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7

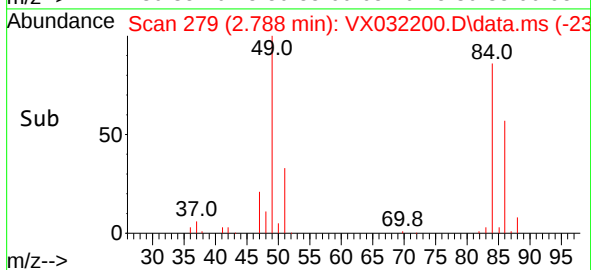
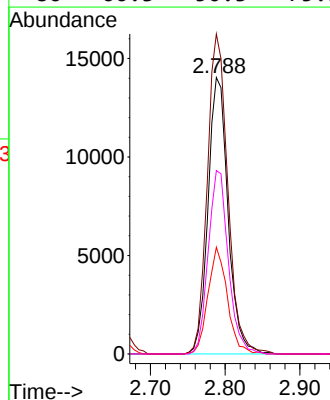
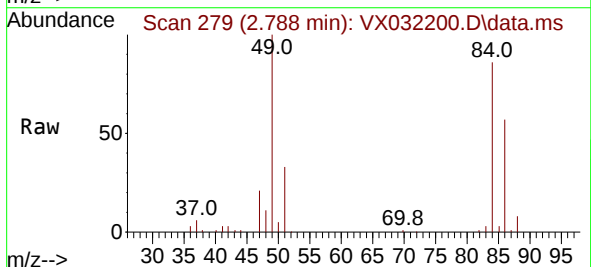
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 17.246 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

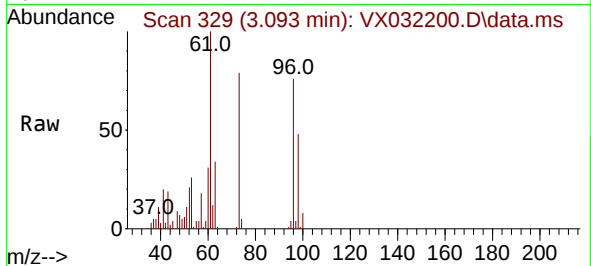
Tgt Ion: 84 Resp: 26128
Ion Ratio Lower Upper
84 100
49 115.8 88.6 132.8
51 38.6 27.0 40.6
86 66.3 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 18.957 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

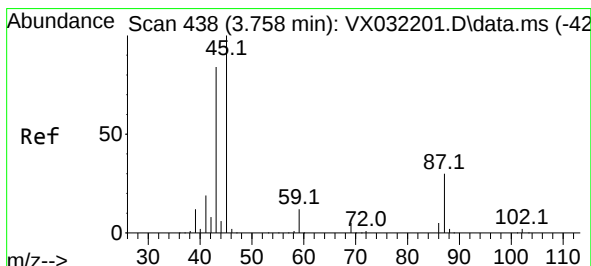
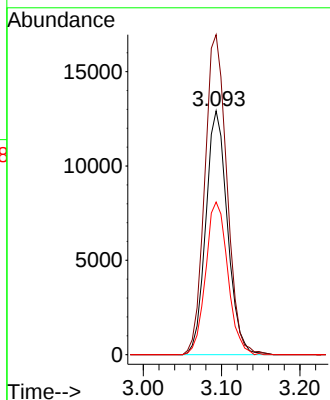
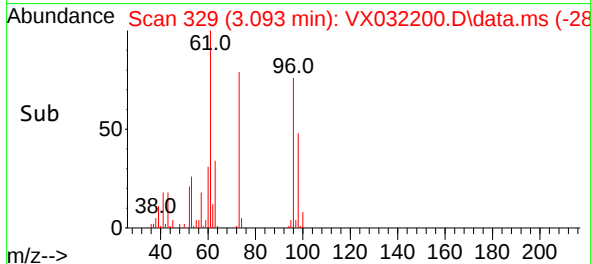
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 24829
Ion Ratio Lower Upper
96 100
61 131.2 107.7 161.5
98 62.6 50.4 75.6

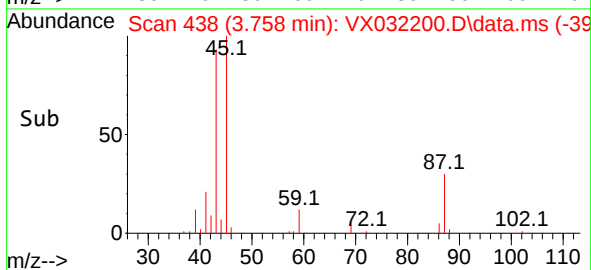
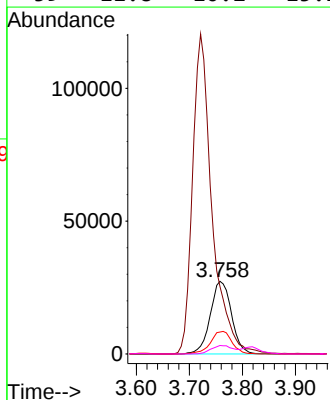
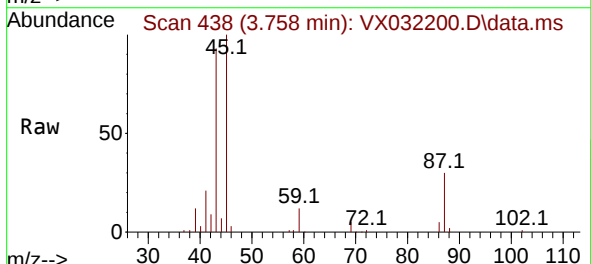
Manual Integrations
APPROVED

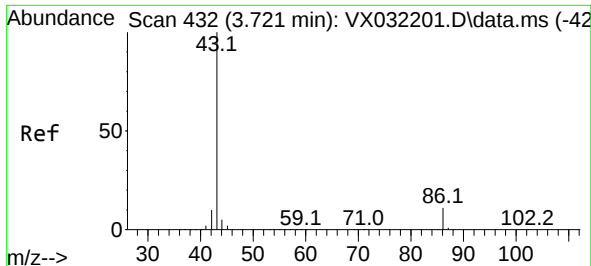
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 17.777 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.018 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 45 Resp: 75918
Ion Ratio Lower Upper
45 100
43 92.0 58.0 87.0#
87 30.2 25.4 38.0
59 11.8 10.2 15.2





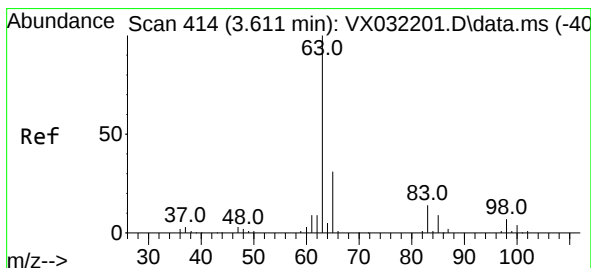
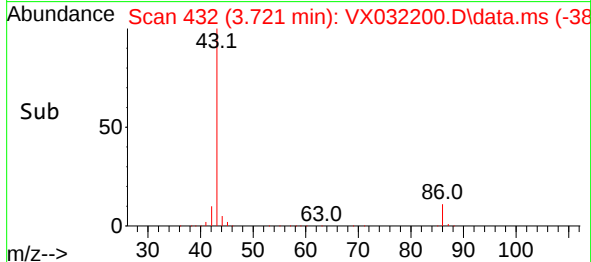
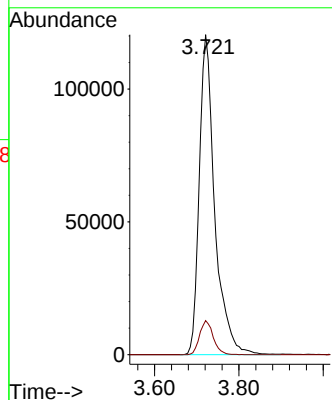
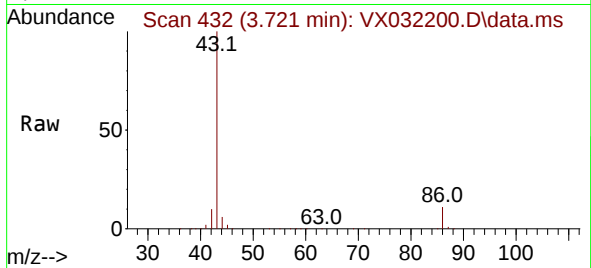
#23
 Vinyl Acetate
 Concen: 88.776 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX032200.D
 Acq: 19 Oct 2022 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 30782
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.9 14.9

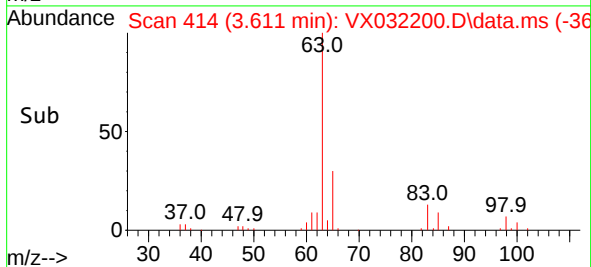
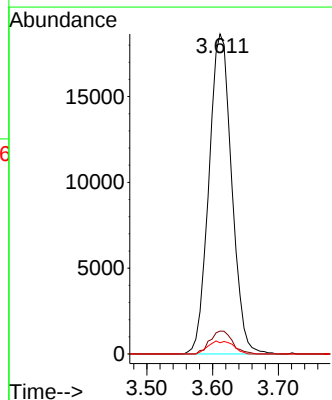
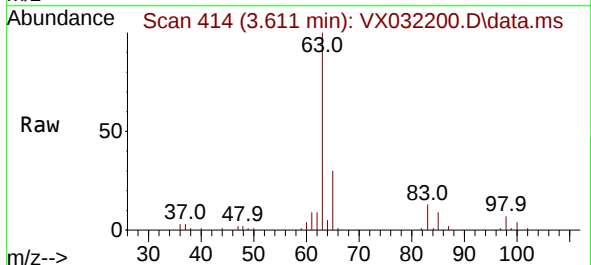
Manual Integrations
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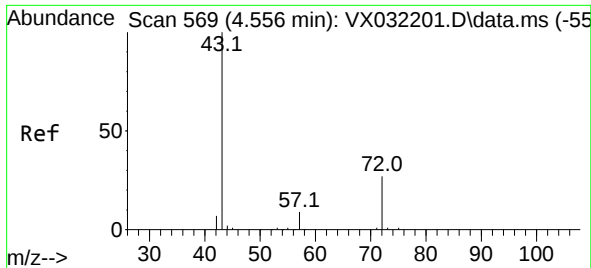
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 17.952 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX032200.D
 Acq: 19 Oct 2022 12:09

Tgt Ion: 63 Resp: 44986
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 3.5 2.5 7.5





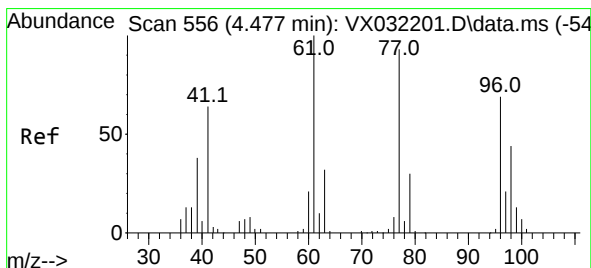
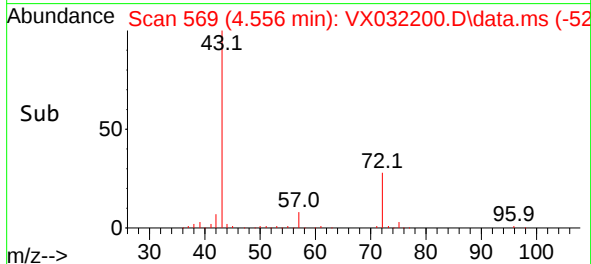
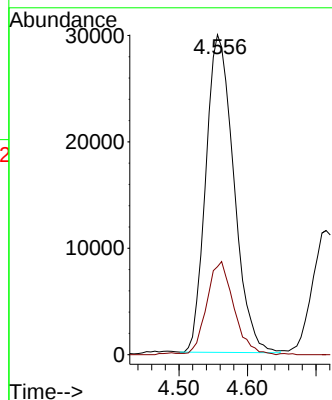
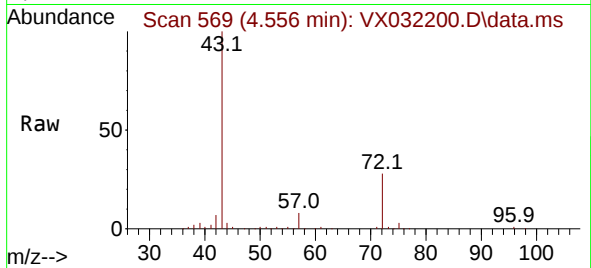
#25
2-Butanone
Concen: 72.906 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 84718
Ion Ratio Lower Upper
43 100
72 27.4 23.7 35.5

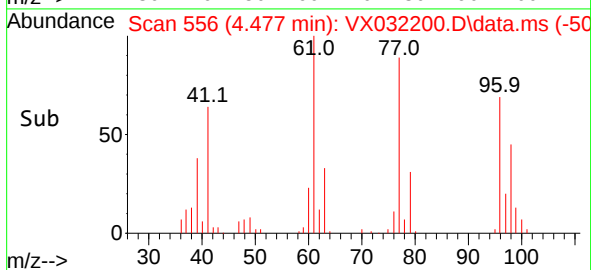
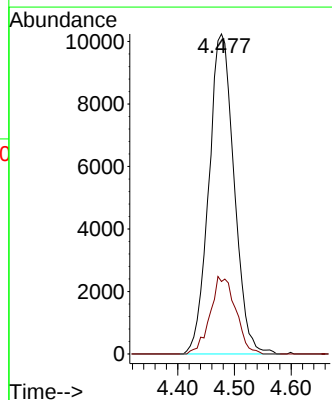
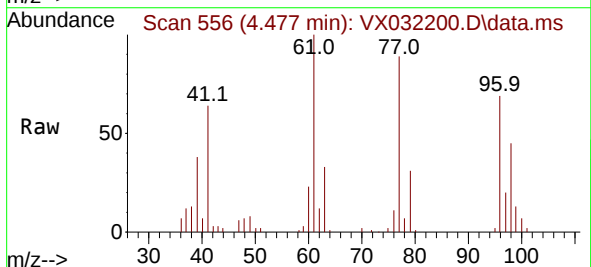
Manual Integrations
APPROVED

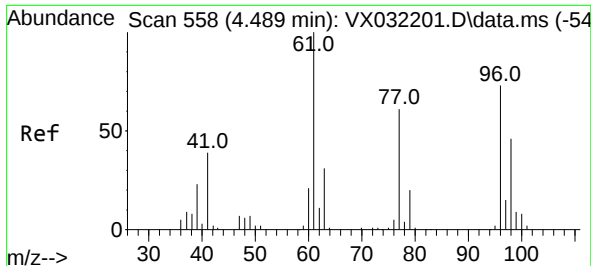
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#26
2,2-Dichloropropane
Concen: 14.440 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 77 Resp: 31693
Ion Ratio Lower Upper
77 100
97 24.3 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.569 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 29600

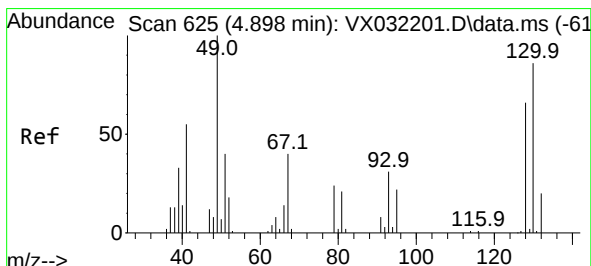
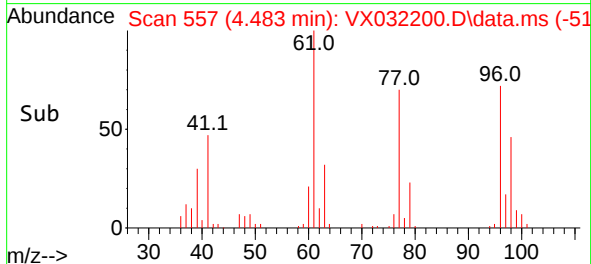
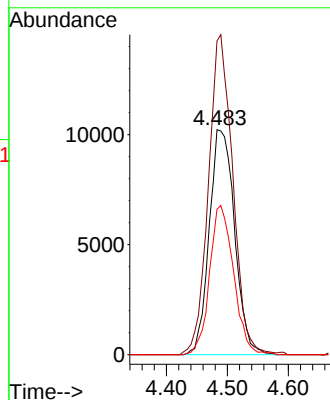
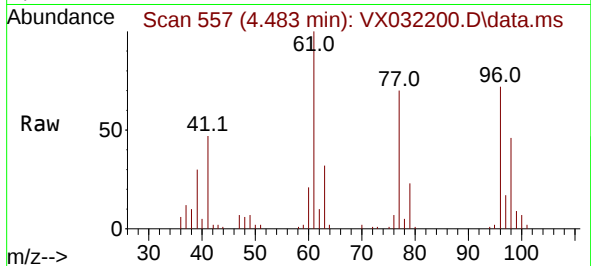
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	285.6
98	62.7	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#28

Bromochloromethane

Concen: 18.481 ug/l

RT: 4.898 min Scan# 625

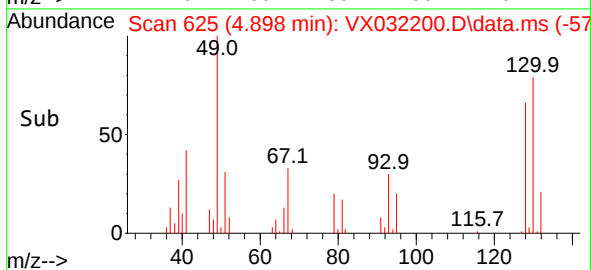
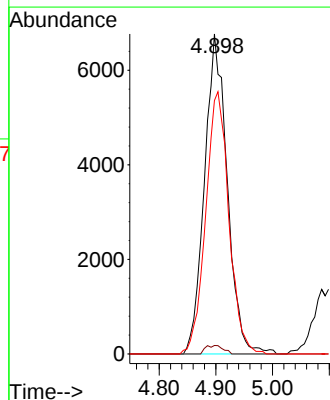
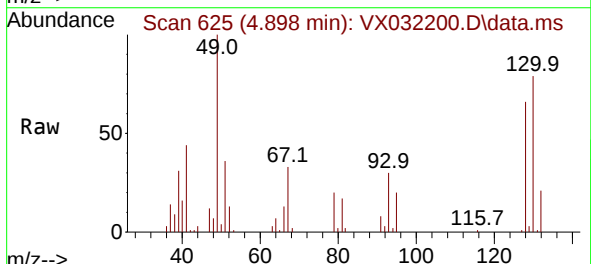
Delta R.T. -0.012 min

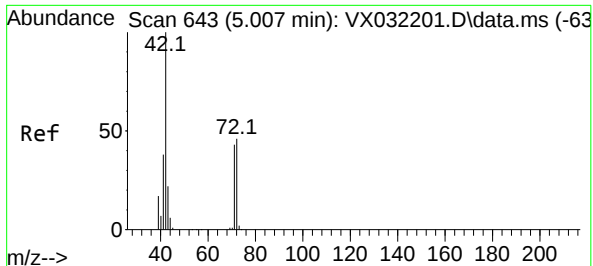
Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Tgt Ion: 49 Resp: 18869

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	83.5	68.2	102.2





#29

Tetrahydrofuran

Concen: 74.999 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

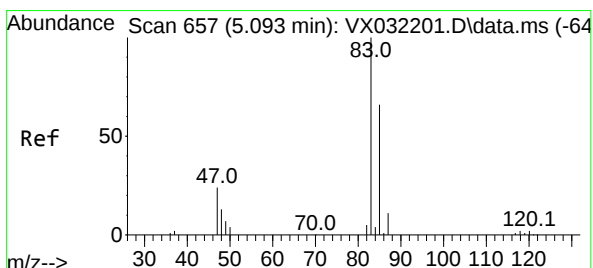
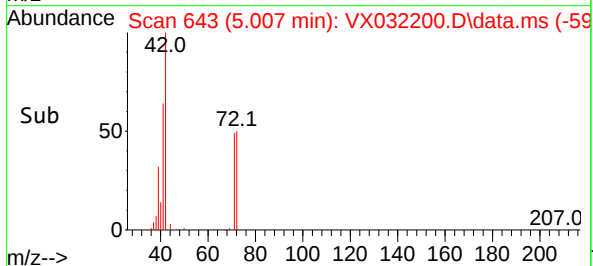
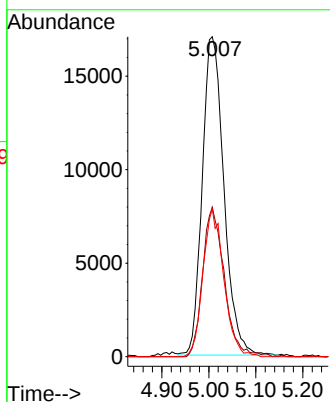
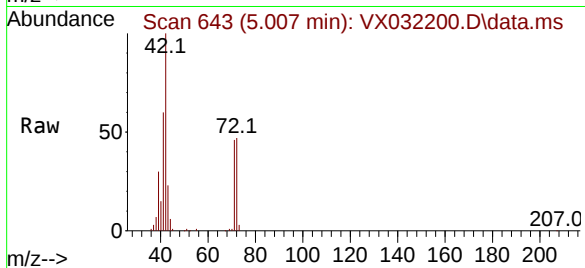
Tgt Ion:	42	Resp:	5454
Ion	Ratio	Lower	Upper
42	100		
72	47.0	41.7	62.5
71	44.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 18.334 ug/l

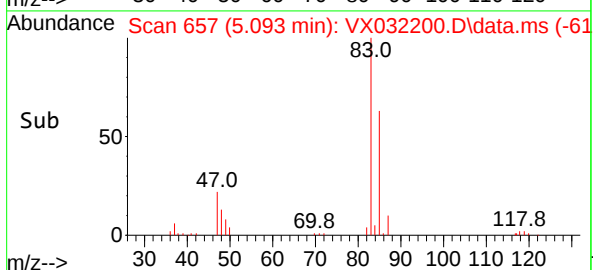
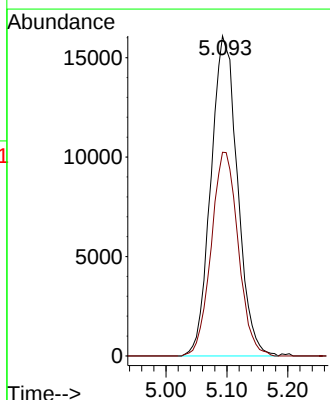
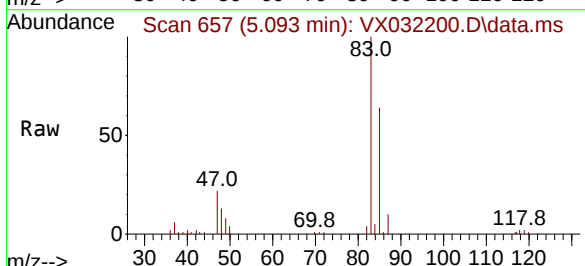
RT: 5.093 min Scan# 657

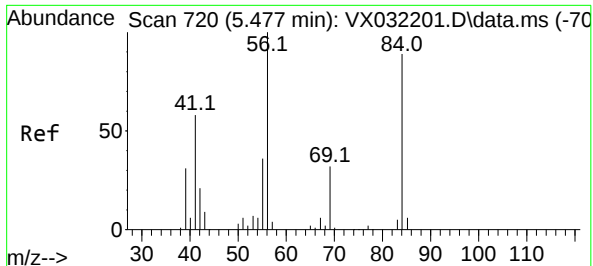
Delta R.T. -0.012 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

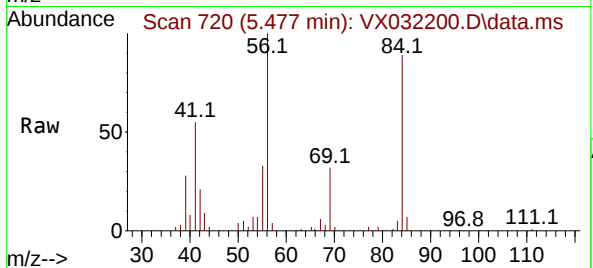
Tgt Ion:	83	Resp:	48855
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.0	78.0





#31
Cyclohexane
Concen: 17.617 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

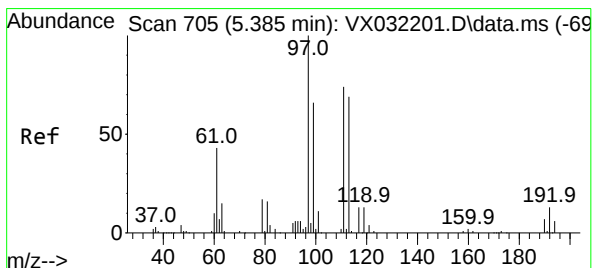
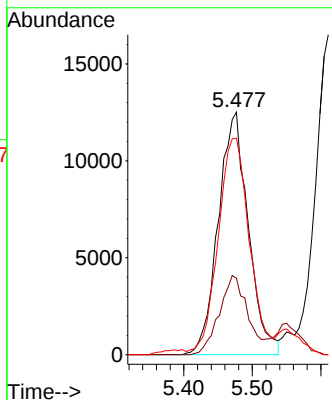
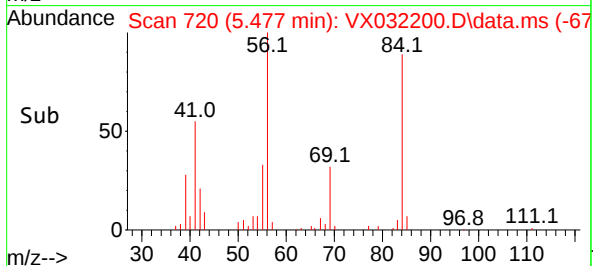
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 3812
Ion Ratio Lower Upper
56 100
69 31.5 25.3 37.9
84 87.5 71.4 107.0

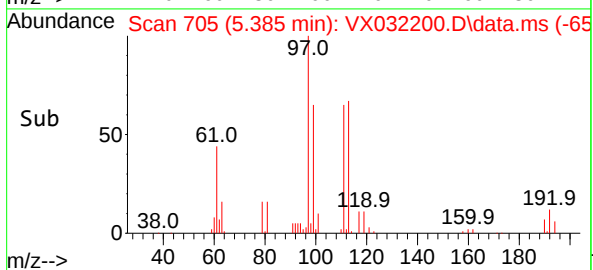
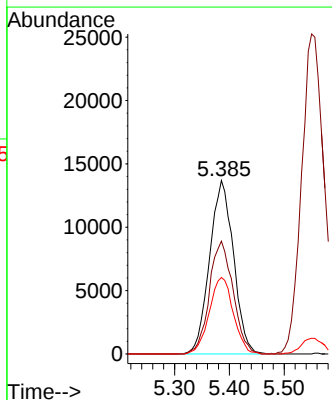
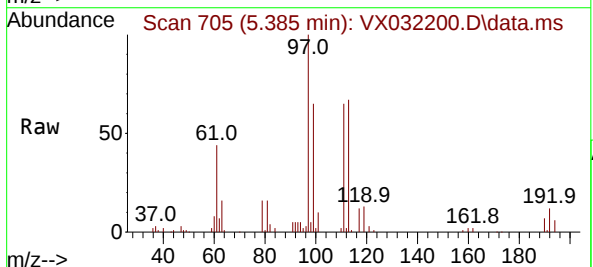
Manual Integrations
APPROVED

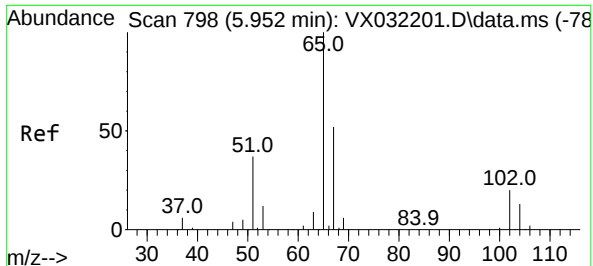
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#32
1,1,1-Trichloroethane
Concen: 17.380 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 97 Resp: 41450
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 44.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 17.820 ug/l

RT: 5.958 min Scan# 798

Delta R.T. -0.013 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 3297

Ion Ratio Lower Upper

65 100

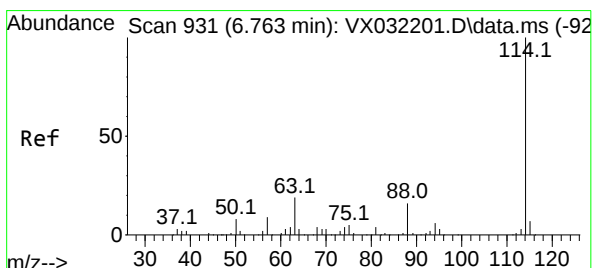
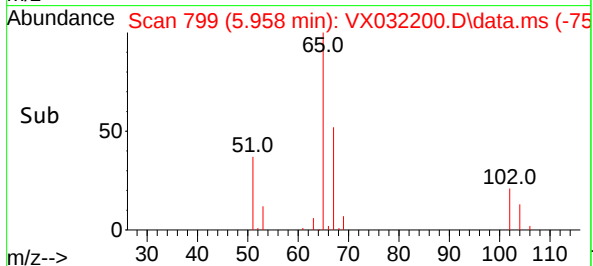
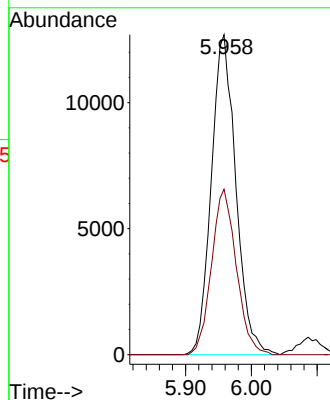
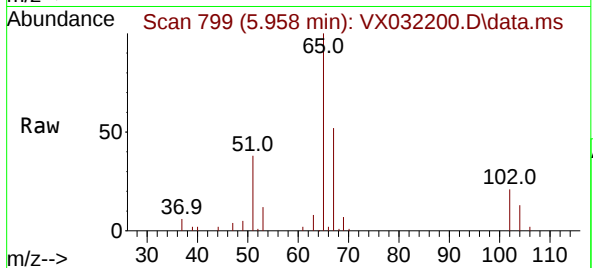
67 52.2 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

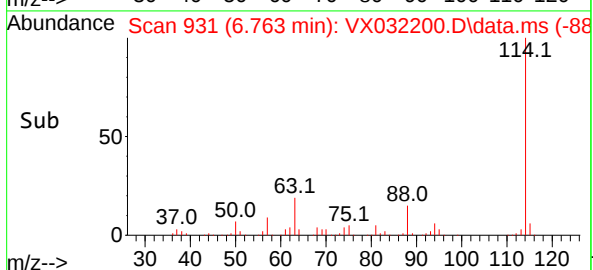
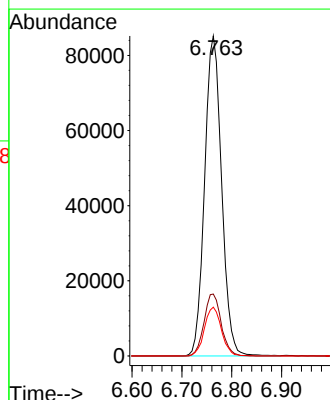
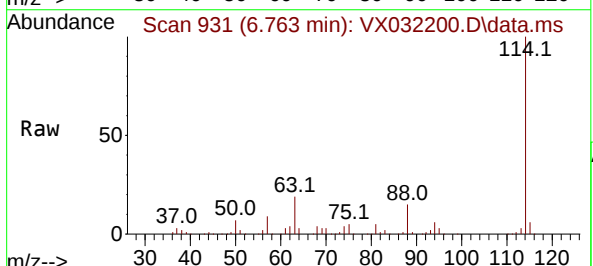
Tgt Ion:114 Resp: 201614

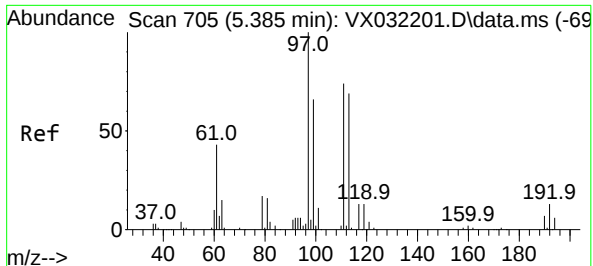
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 20.414 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

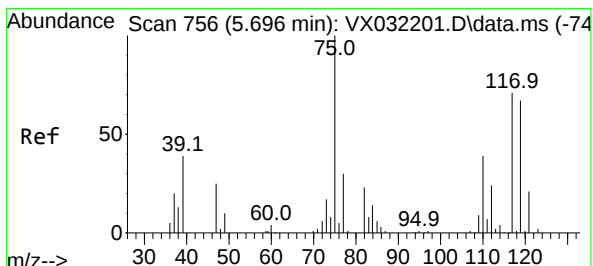
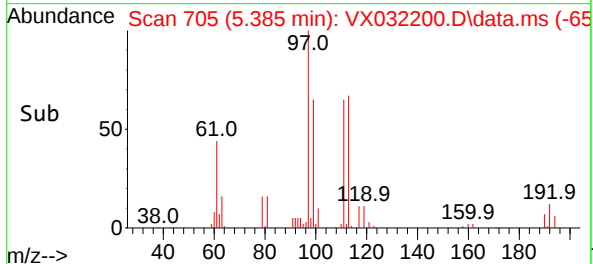
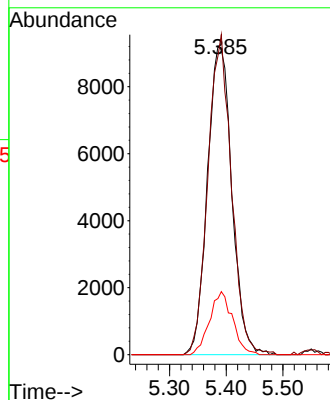
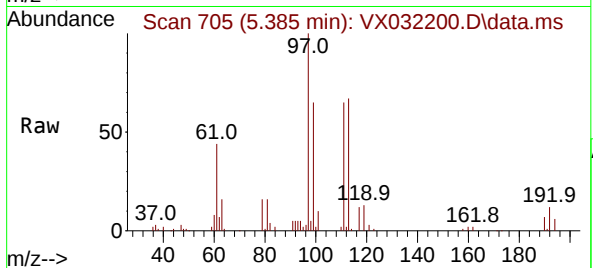
Tgt Ion:	113	Resp:	2760
Ion	Ratio	Lower	Upper
113	100		
111	99.6	81.9	122.9
192	19.3	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#36

1,1-Dichloropropene

Concen: 19.131 ug/l

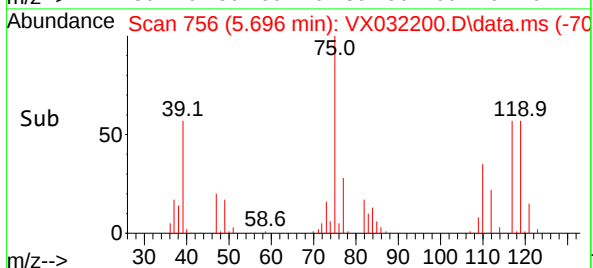
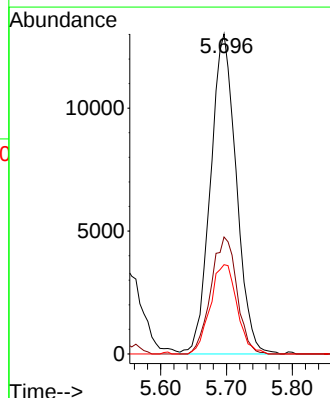
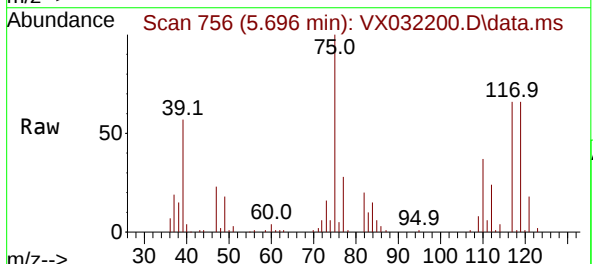
RT: 5.696 min Scan# 756

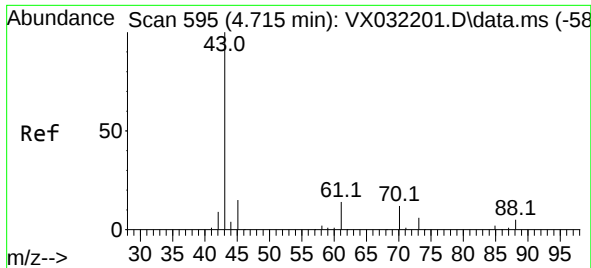
Delta R.T. -0.006 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Tgt Ion:	75	Resp:	35462
Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.4
77	29.1	25.3	37.9





#37

Ethyl Acetate

Concen: 15.905 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

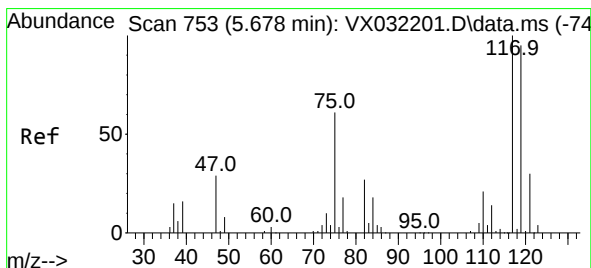
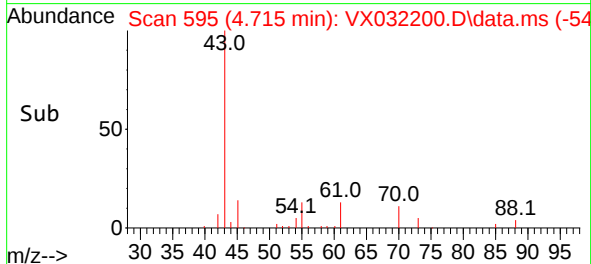
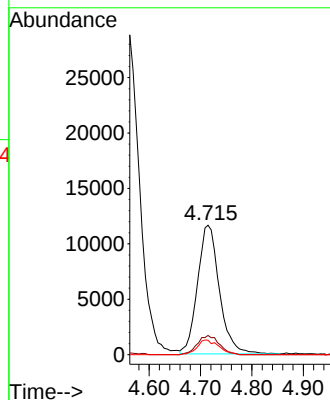
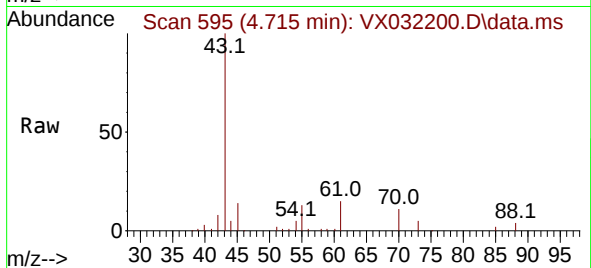
Tgt Ion: 43	Resp: 3435
Ion Ratio	Lower Upper
43 100	
61 15.0	12.8 19.2
70 11.3	10.5 15.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#38

Carbon Tetrachloride

Concen: 17.785 ug/l

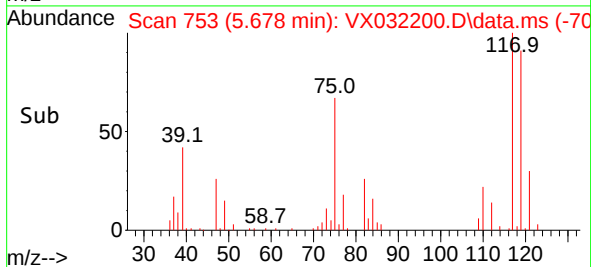
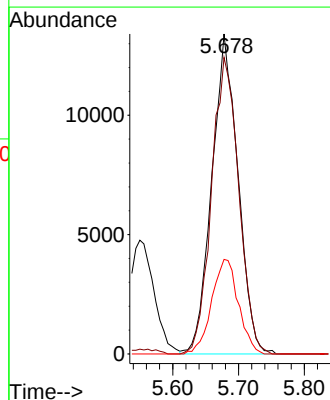
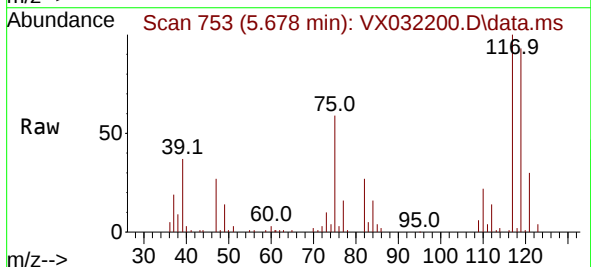
RT: 5.678 min Scan# 753

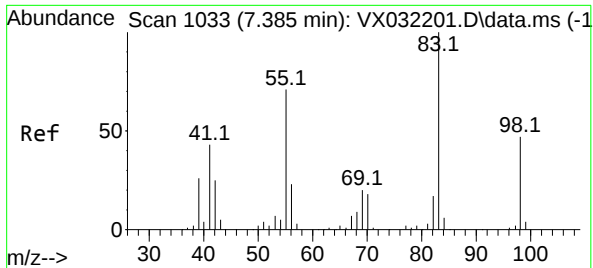
Delta R.T. -0.006 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Tgt Ion: 117	Resp: 37105
Ion Ratio	Lower Upper
117 100	
119 92.7	76.2 114.2
121 29.5	24.8 37.2





#39
Methylcyclohexane
Concen: 18.819 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

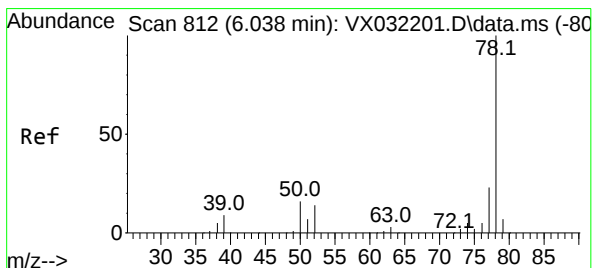
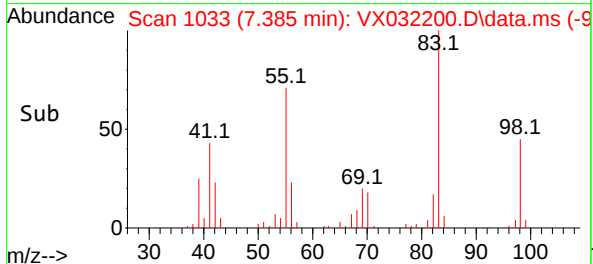
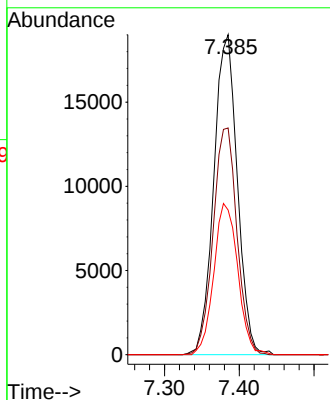
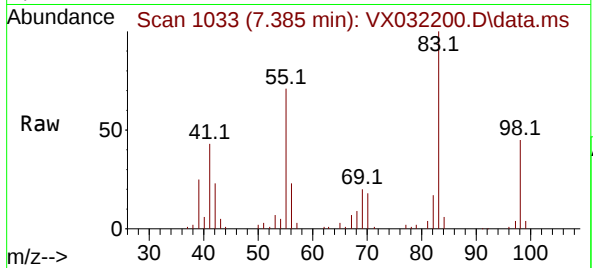
VSTDIC020

Tgt Ion: 83 Resp: 41649
Ion Ratio Lower Upper
83 100
55 70.9 58.9 88.3
98 45.2 38.1 57.1

Manual Integrations

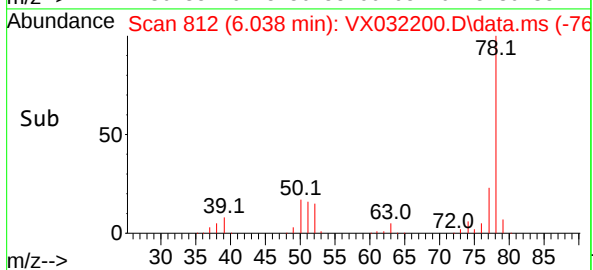
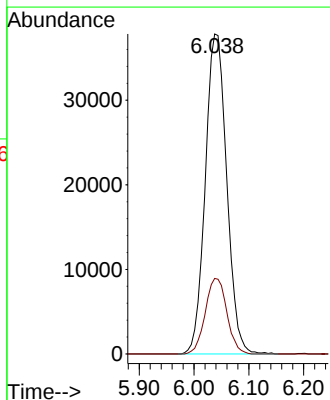
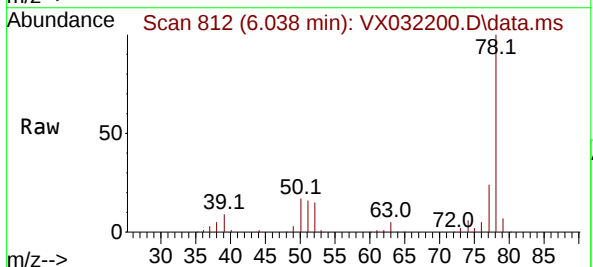
APPROVED

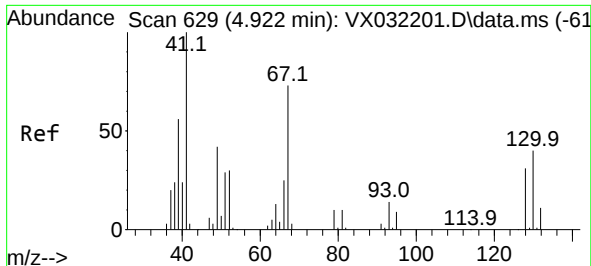
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#40
Benzene
Concen: 19.302 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 78 Resp: 102616
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





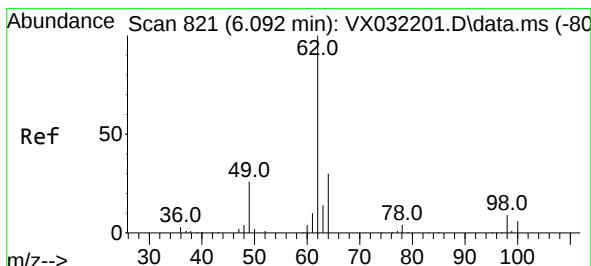
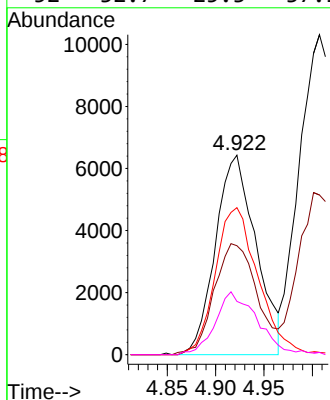
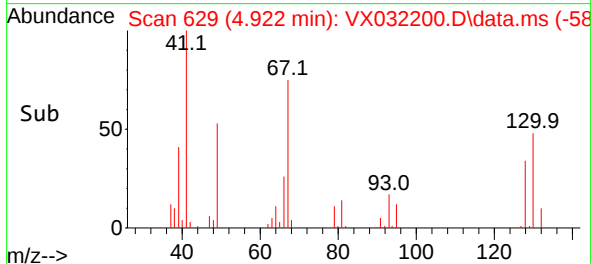
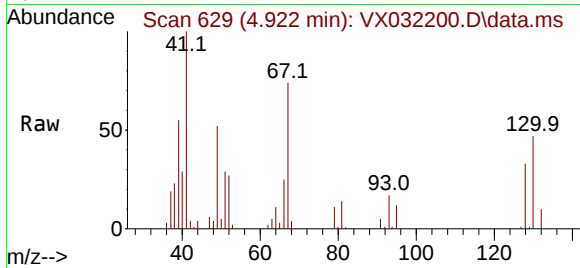
#41
Methacrylonitrile
Concen: 16.294 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 1876
Ion Ratio Lower Upper
41 100
39 59.0 42.5 63.7
67 78.0 65.0 97.6
52 32.7 25.3 37.9

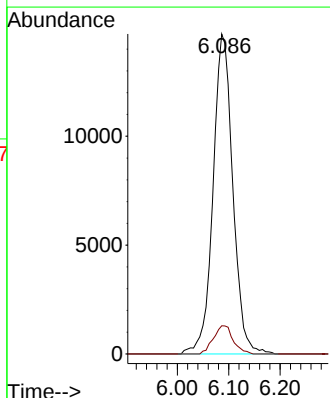
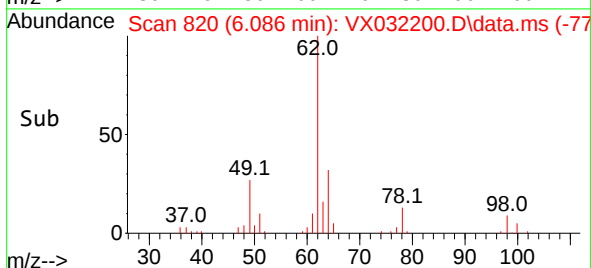
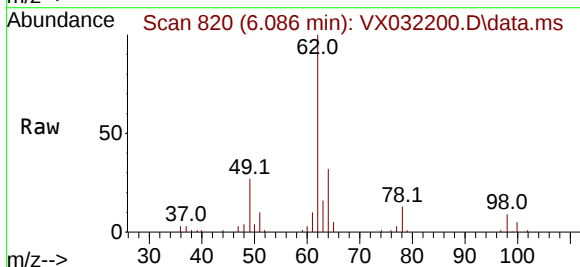
Manual Integrations
APPROVED

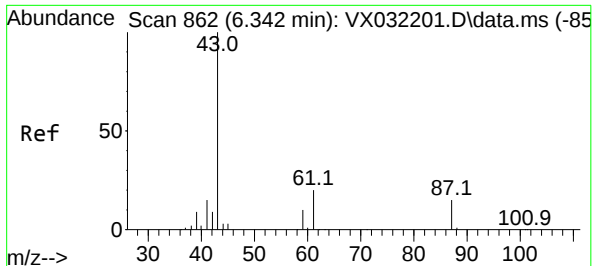
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 17.728 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.013 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 62 Resp: 39302
Ion Ratio Lower Upper
62 100
98 8.8 0.0 20.2





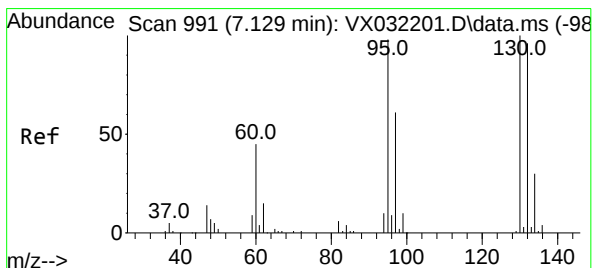
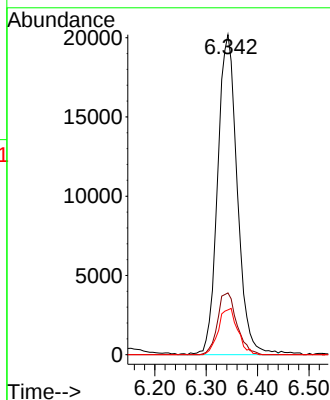
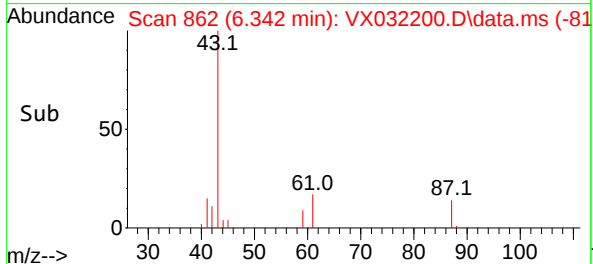
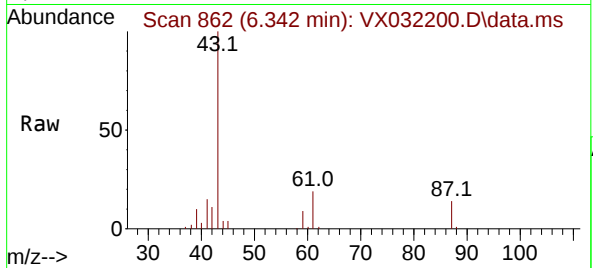
#43
Isopropyl Acetate
Concen: 15.558 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.007 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 5349
Ion Ratio Lower Upper
43 100
61 19.0 18.2 27.4
87 14.2 12.5 18.7

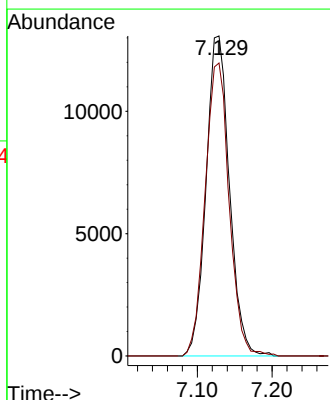
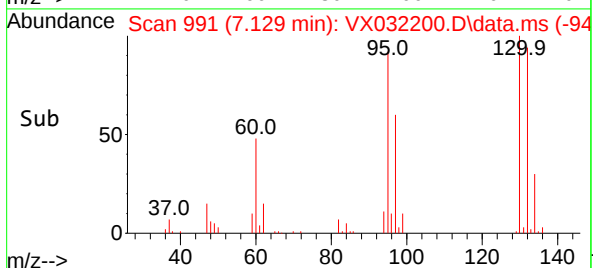
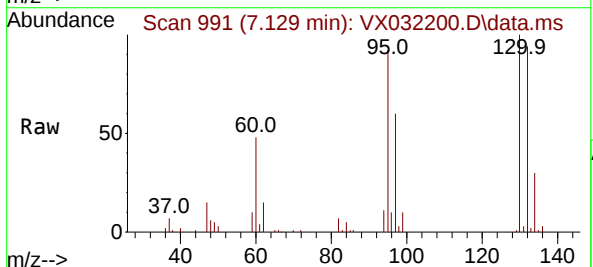
Manual Integrations
APPROVED

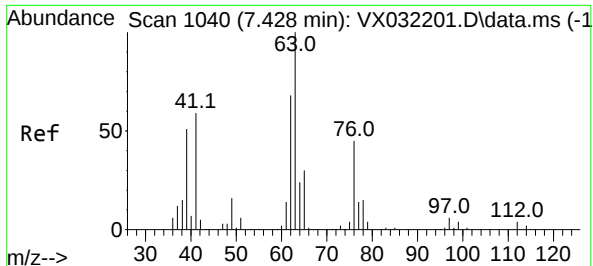
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#44
Trichloroethene
Concen: 19.095 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion:130 Resp: 28524
Ion Ratio Lower Upper
130 100
95 91.5 0.0 198.0





#45

1,2-Dichloropropane

Concen: 18.965 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 2661

Ion Ratio Lower Upper

63 100

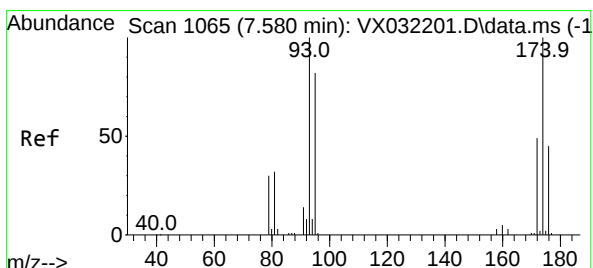
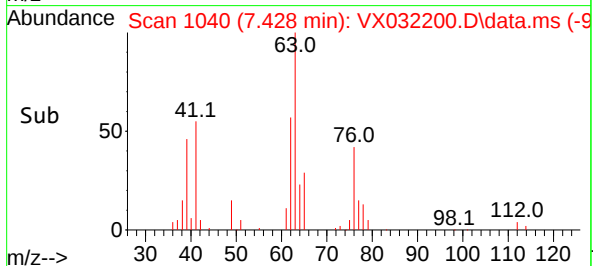
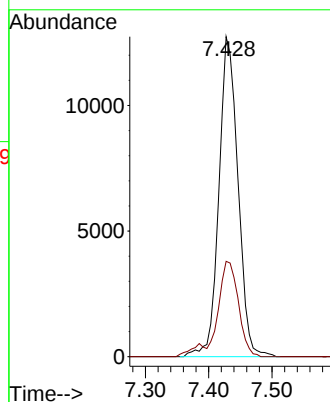
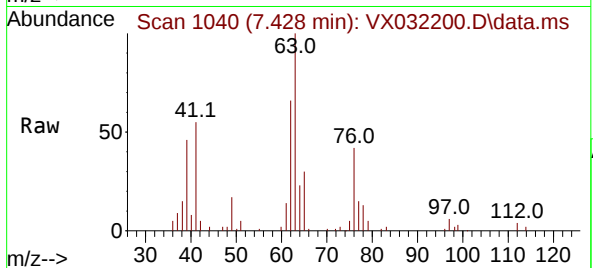
65 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 19.166 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

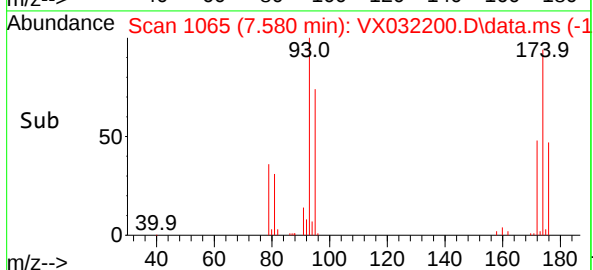
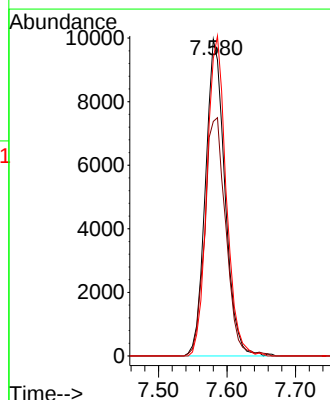
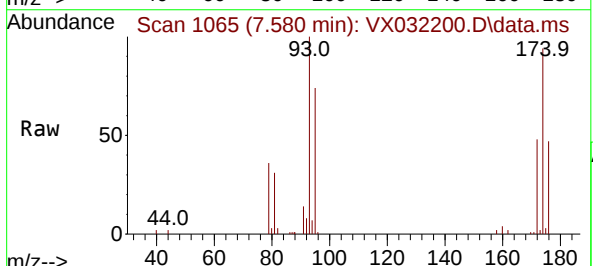
Tgt Ion: 93 Resp: 19686

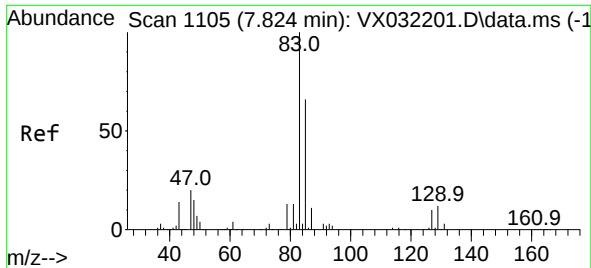
Ion Ratio Lower Upper

93 100

95 81.5 66.8 100.2

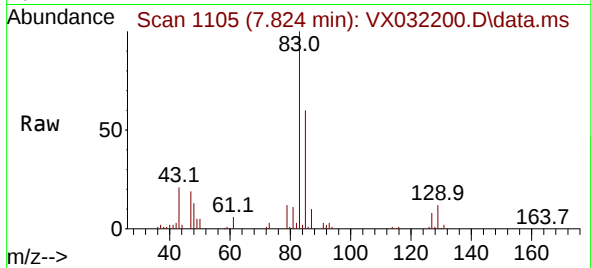
174 99.5 83.1 124.7





#47
Bromodichloromethane
Concen: 18.529 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

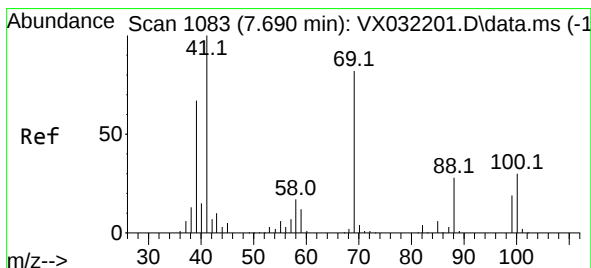
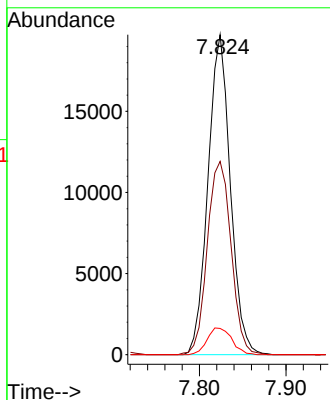
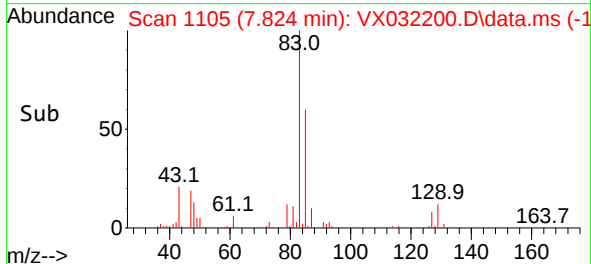
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



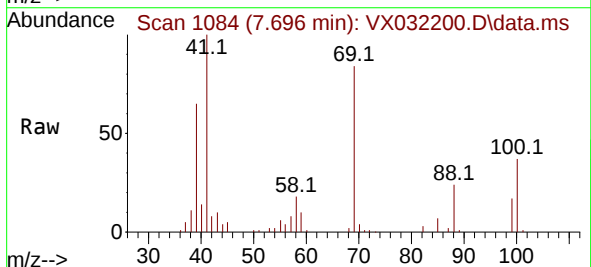
Tgt Ion: 83 Resp: 35389
Ion Ratio Lower Upper
83 100
85 60.4 51.4 77.0
127 8.2 6.8 10.2

Manual Integrations
APPROVED

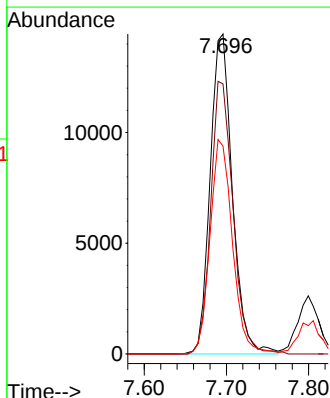
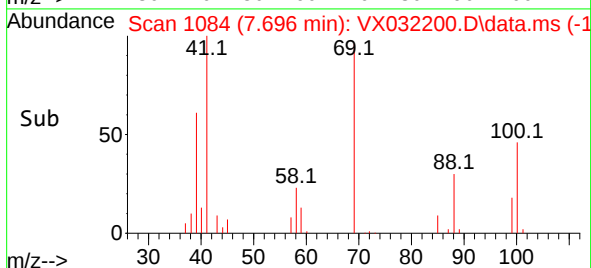
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

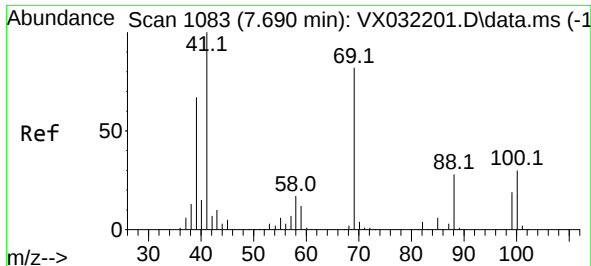


#48
Methyl methacrylate
Concen: 15.819 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09



Tgt Ion: 41 Resp: 27138
Ion Ratio Lower Upper
41 100
69 85.6 76.0 114.0
39 67.7 44.6 67.0#





#49

1,4-Dioxane

Concen: 350.359 ug/l

RT: 7.684 min Scan# 1083

Delta R.T. 0.019 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

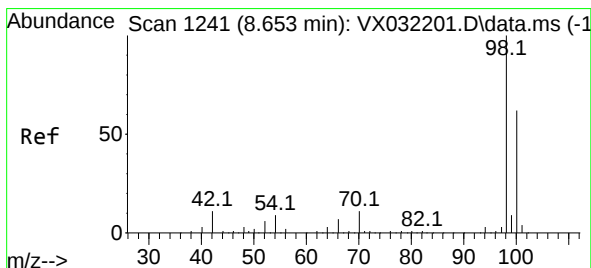
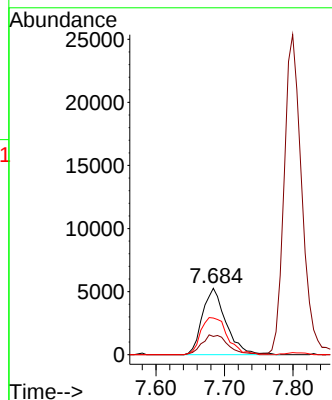
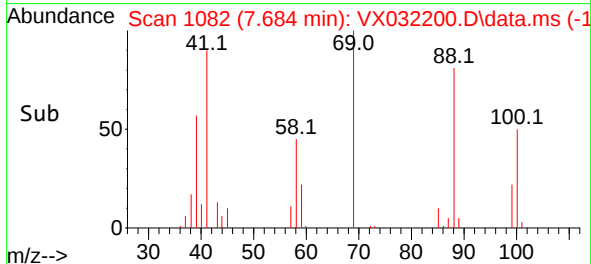
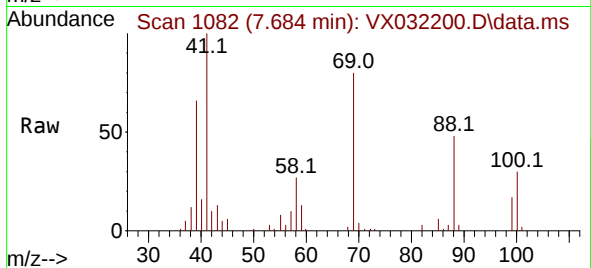
Tgt Ion: 88 Resp: 12585
 Ion Ratio Lower Upper
 88 100
 43 32.9 23.2 34.8
 58 62.7 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 20.078 ug/l

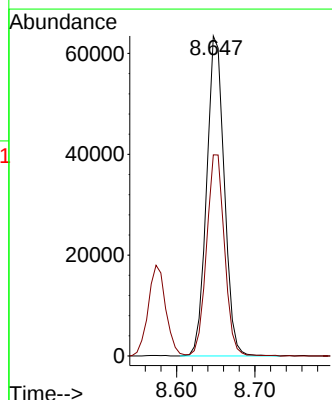
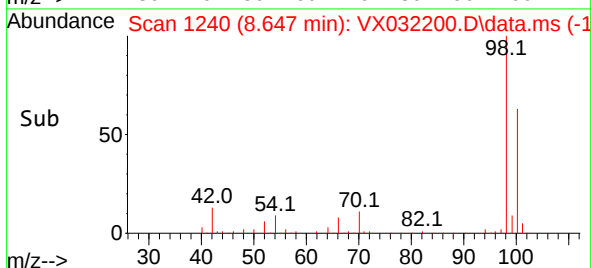
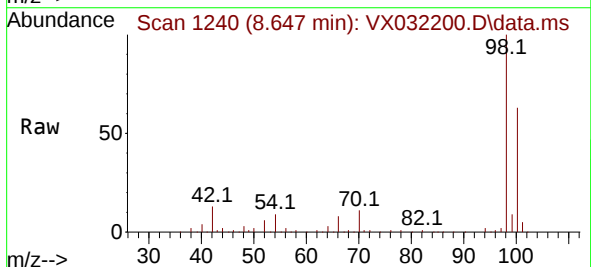
RT: 8.647 min Scan# 1240

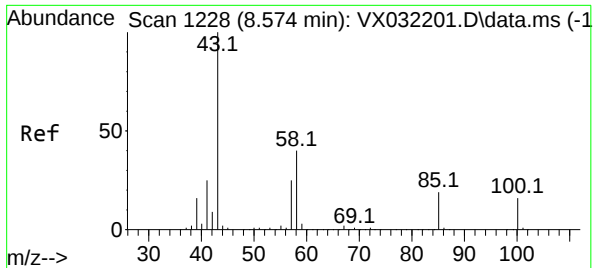
Delta R.T. -0.006 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Tgt Ion: 98 Resp: 98900
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.9 77.9





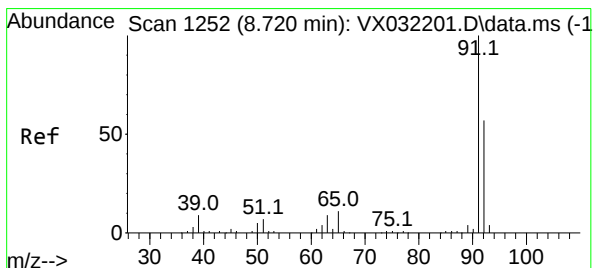
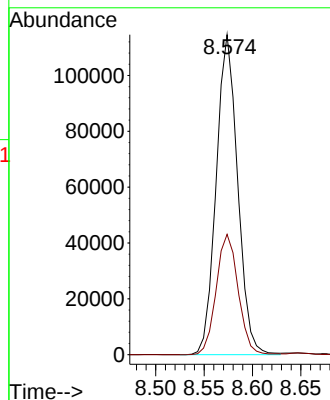
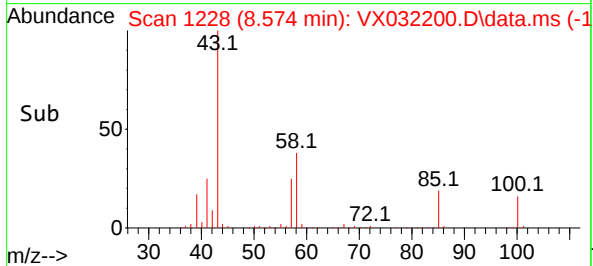
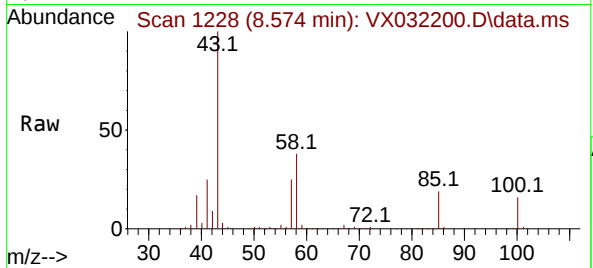
#51
4-Methyl-2-Pentanone
Concen: 80.602 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 17659
Ion Ratio Lower Upper
43 100
58 38.4 35.4 53.0

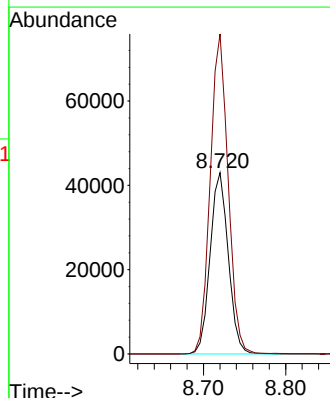
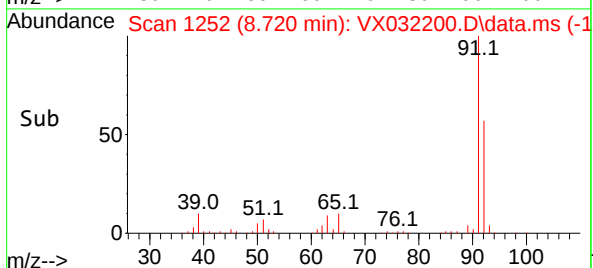
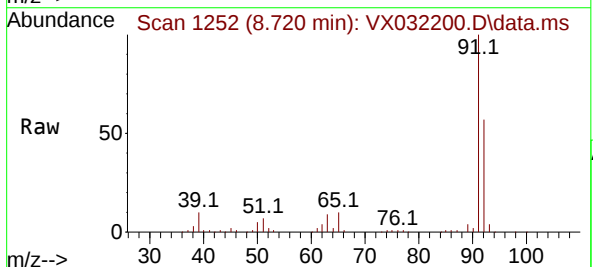
Manual Integrations
APPROVED

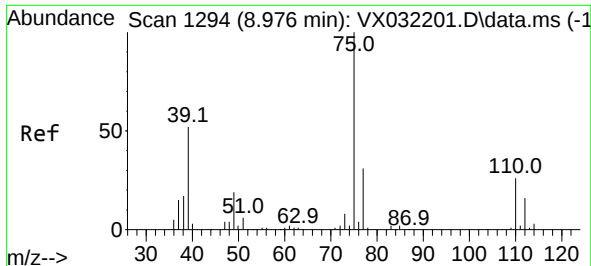
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 18.927 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 92 Resp: 65952
Ion Ratio Lower Upper
92 100
91 174.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 15.769 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 34154

Ion Ratio Lower Upper

75 100

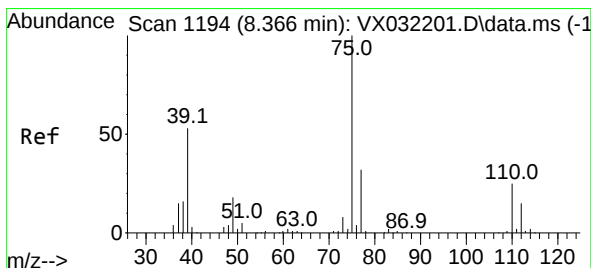
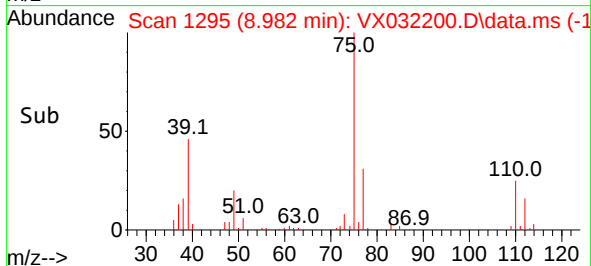
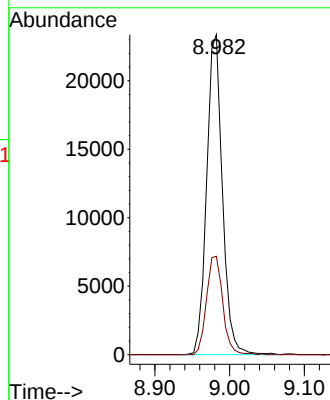
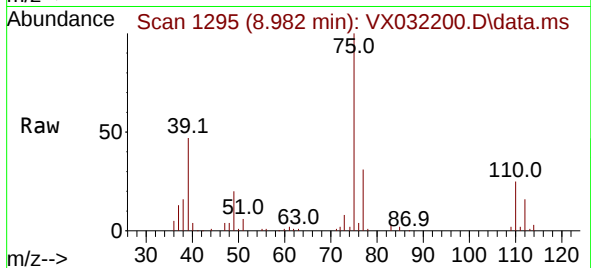
77 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#54

cis-1,3-Dichloropropene

Concen: 17.396 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.007 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

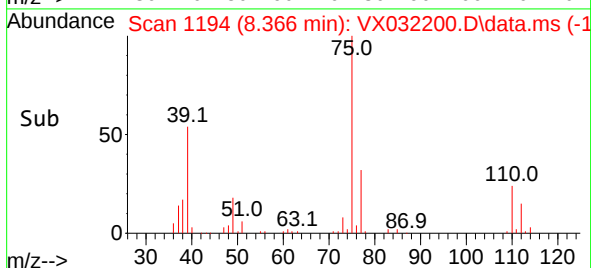
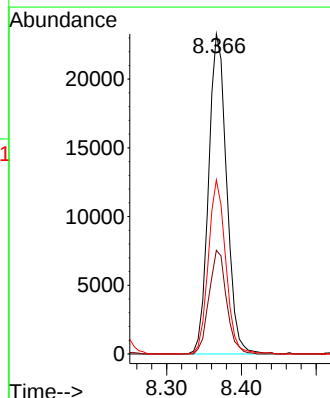
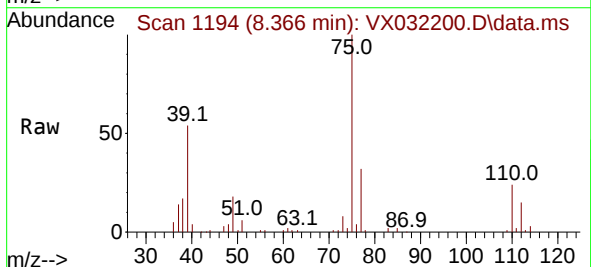
Tgt Ion: 75 Resp: 38991

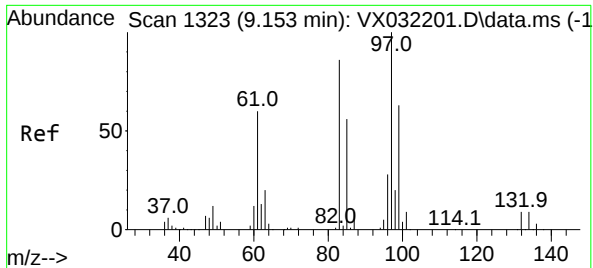
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

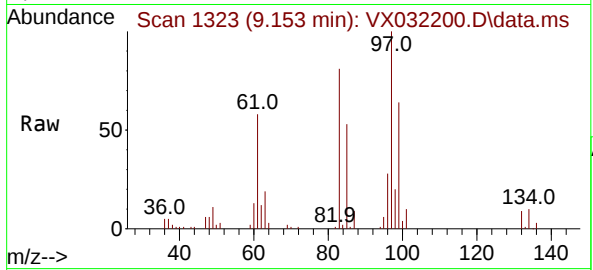
39 54.4 35.1 52.7#





#55
1,1,2-Trichloroethane
Concen: 18.448 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument : MSVOA_X
ClientSampleId : VSTDIC020

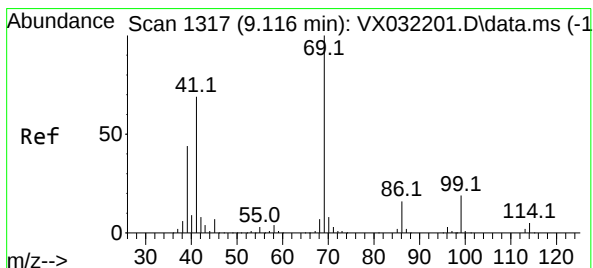
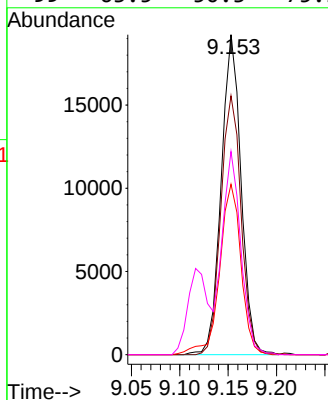
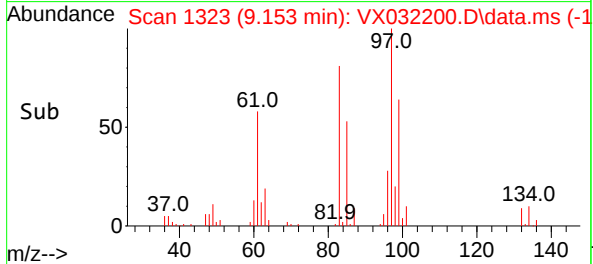


Tgt Ion: 97 Resp: 27370

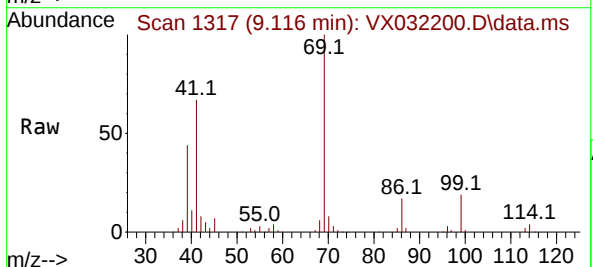
Ion	Ratio	Lower	Upper
97	100		
83	80.9	69.3	103.9
85	53.2	44.3	66.5
99	63.5	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

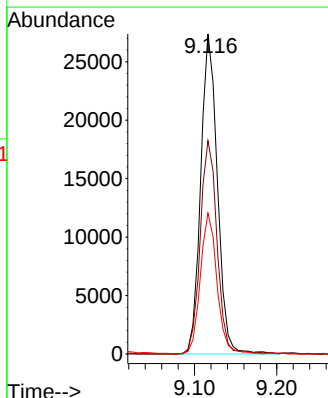
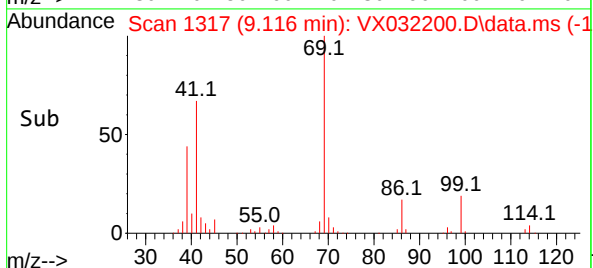


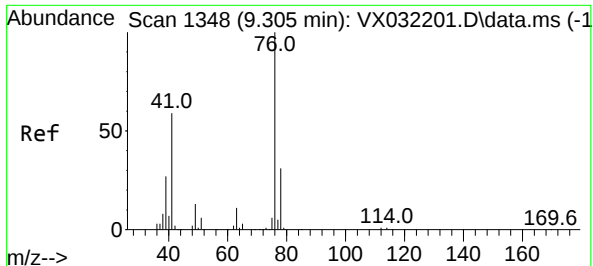
#56
Ethyl methacrylate
Concen: 17.331 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09



Tgt Ion: 69 Resp: 38565

Ion	Ratio	Lower	Upper
69	100		
41	67.6	46.8	70.2
39	43.9	24.7	37.1





#57

1,3-Dichloropropane

Concen: 18.143 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 4384

Ion Ratio Lower Upper

76 100

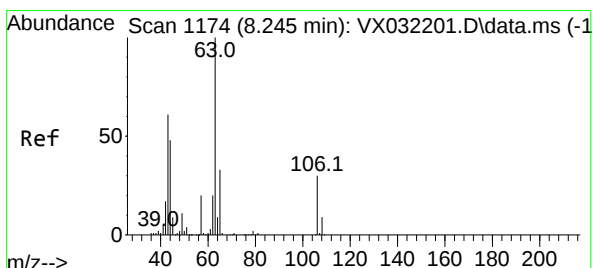
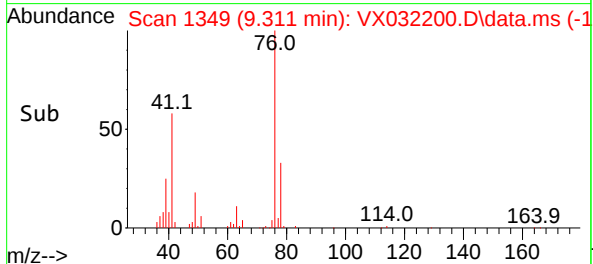
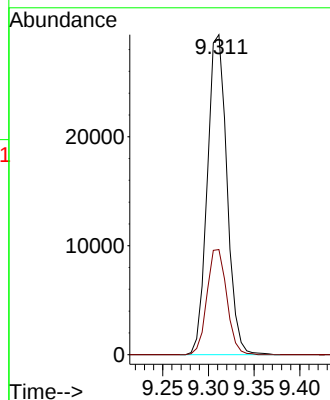
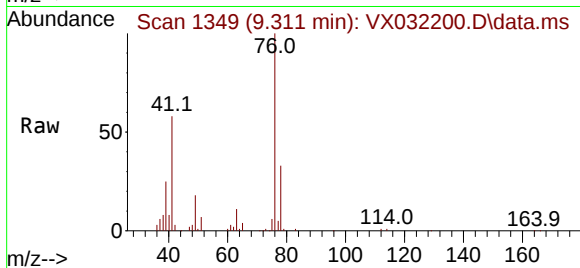
78 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 79.888 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX032200.D

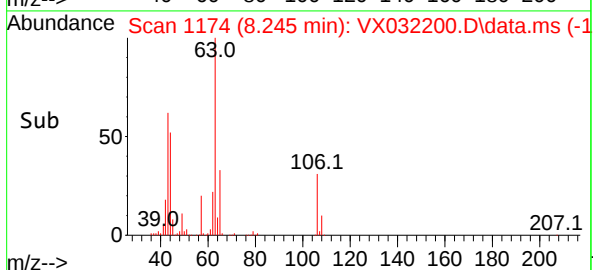
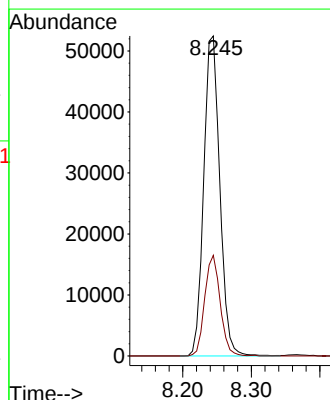
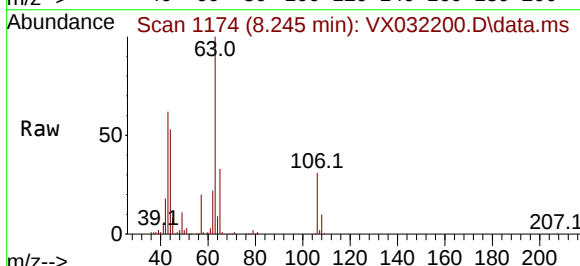
Acq: 19 Oct 2022 12:09

Tgt Ion: 63 Resp: 85793

Ion Ratio Lower Upper

63 100

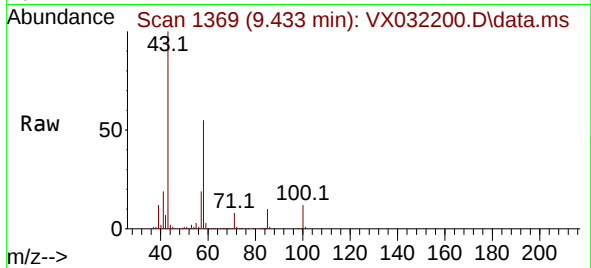
106 30.3 23.5 35.3





#59
2-Hexanone
Concen: 76.388 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

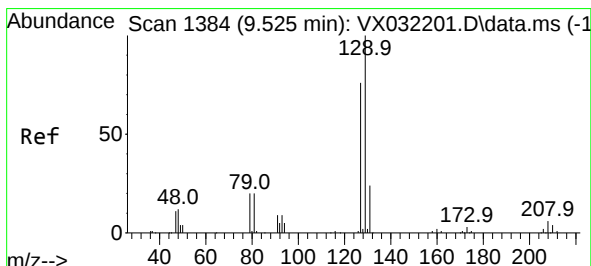
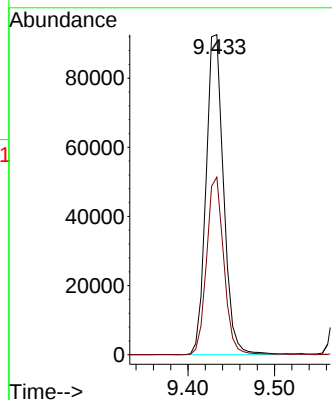
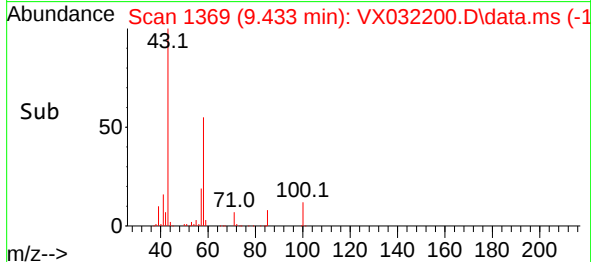
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 130400
Ion Ratio Lower Upper
43 100
58 54.5 30.9 92.8

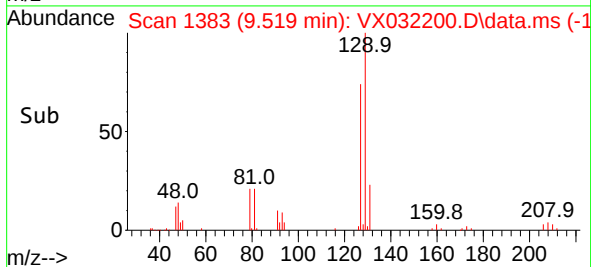
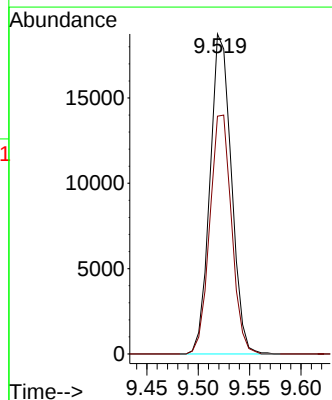
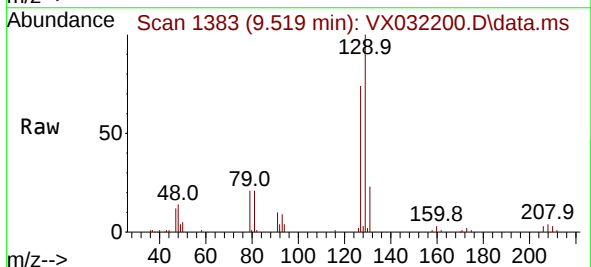
Manual Integrations
APPROVED

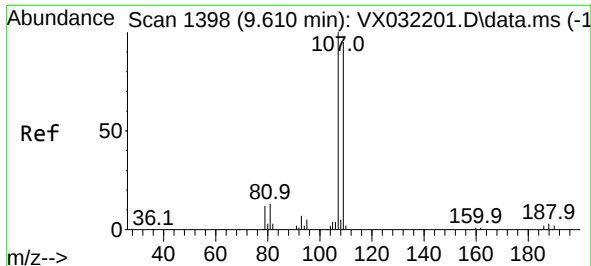
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 18.183 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion:129 Resp: 27239
Ion Ratio Lower Upper
129 100
127 75.7 38.4 115.2





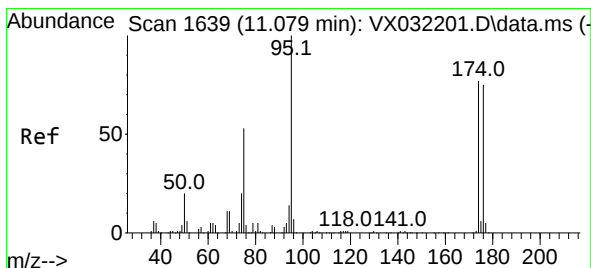
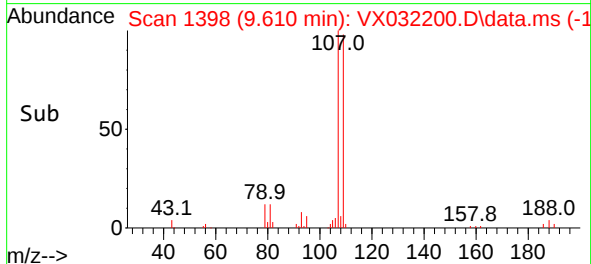
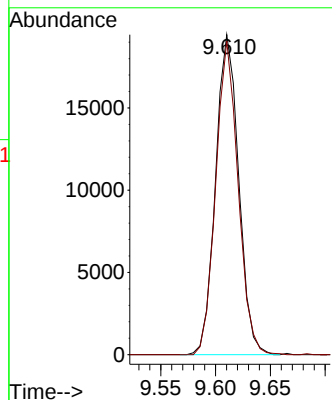
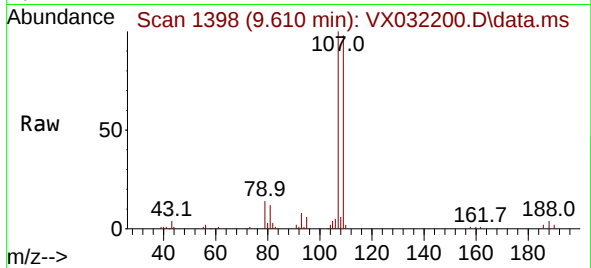
#61
1,2-Dibromoethane
Concen: 18.028 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 2850
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6

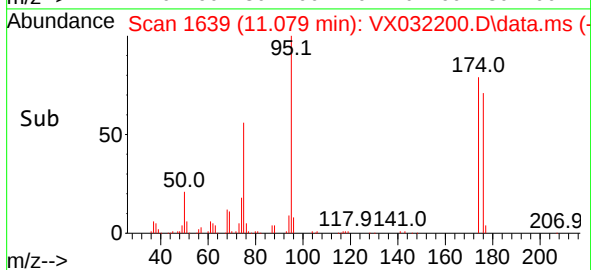
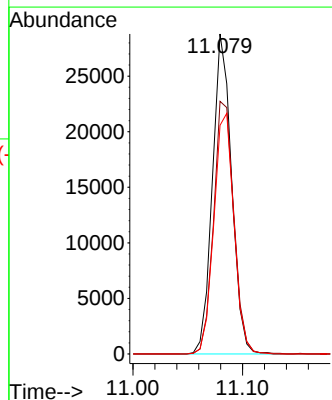
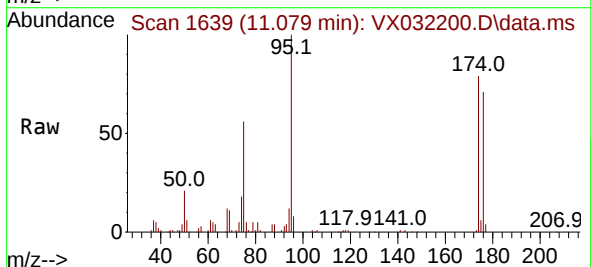
Manual Integrations
APPROVED

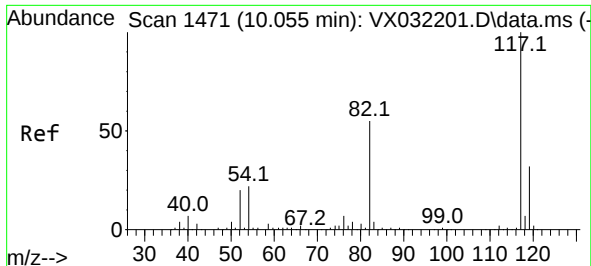
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#62
4-Bromofluorobenzene
Concen: 18.204 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

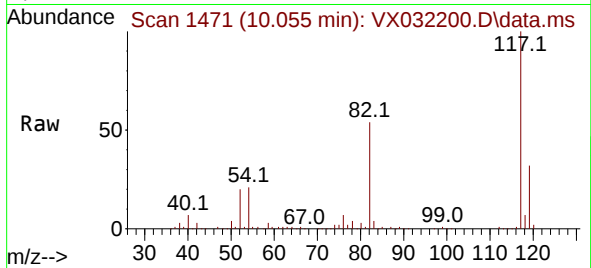
Tgt Ion: 95 Resp: 34895
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 79.4 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

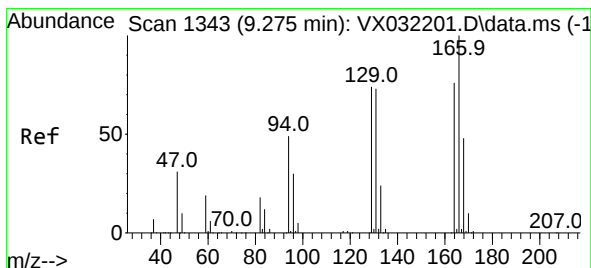
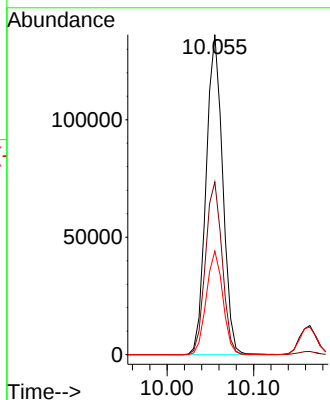
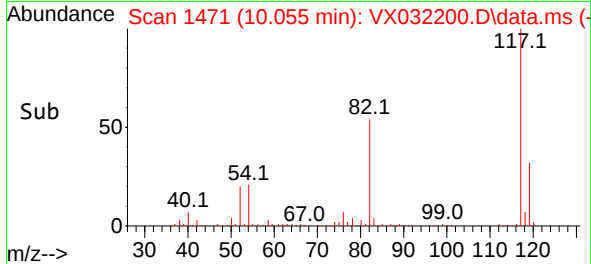
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 181004
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 32.4 26.6 39.8

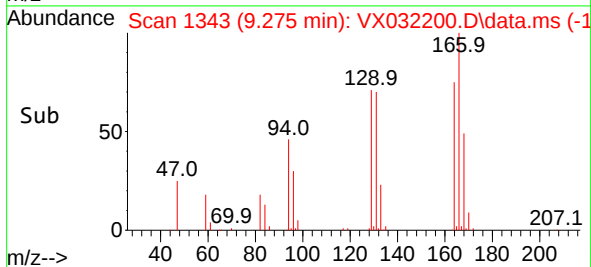
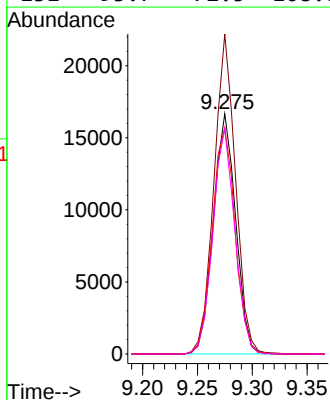
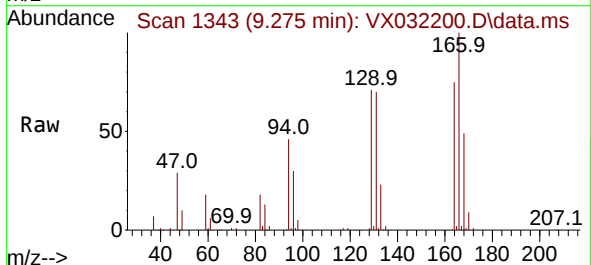
Manual Integrations
APPROVED

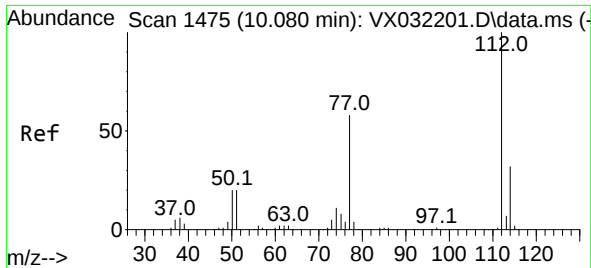
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 16.836 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion:164 Resp: 23607
Ion Ratio Lower Upper
164 100
166 133.3 103.4 155.2
129 94.1 70.8 106.2
131 93.7 72.5 108.7





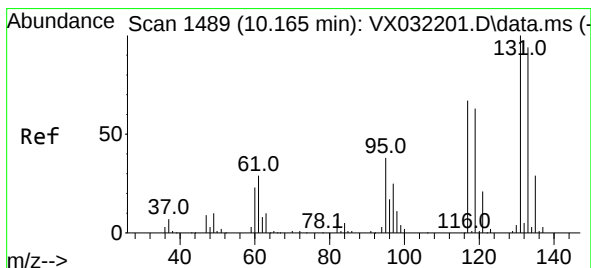
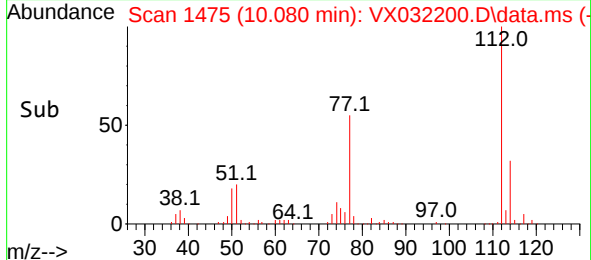
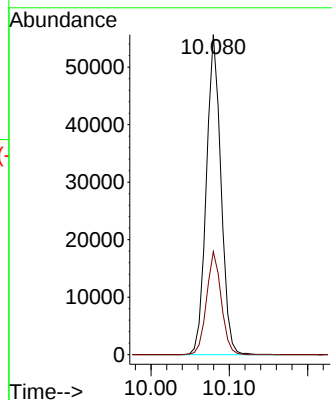
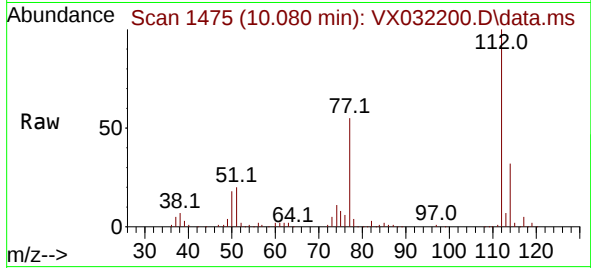
#65
Chlorobenzene
Concen: 19.302 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 71878
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

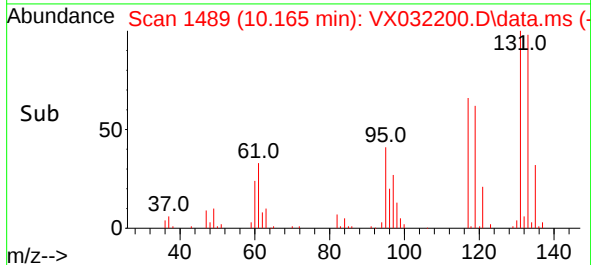
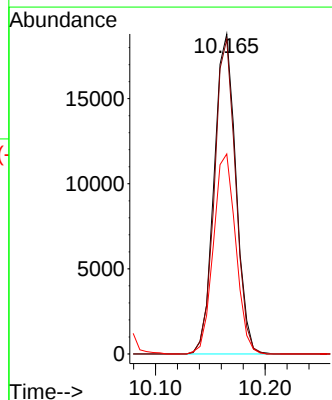
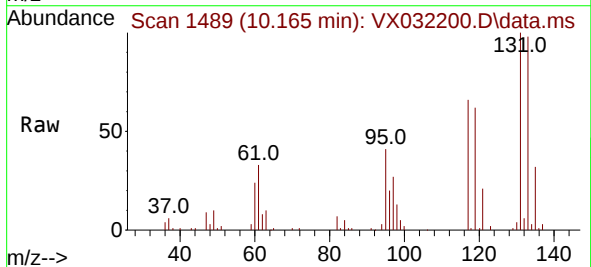
Manual Integrations
APPROVED

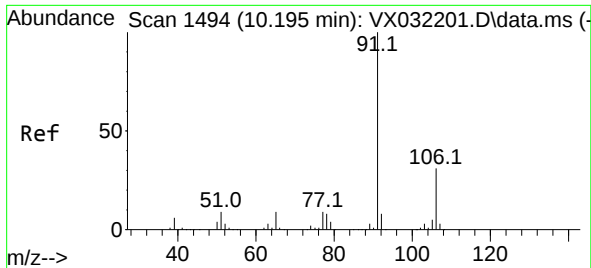
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.777 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion:131 Resp: 25915
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 64.2 32.1 96.5





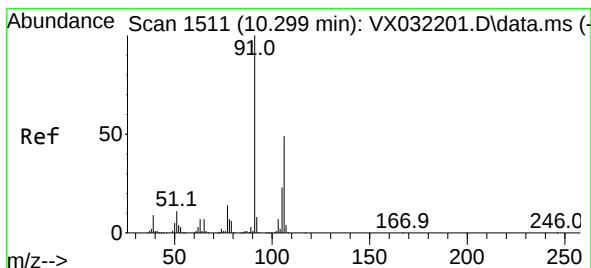
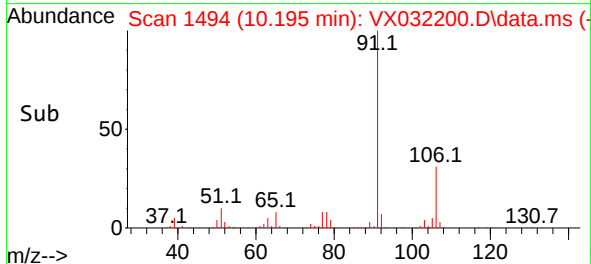
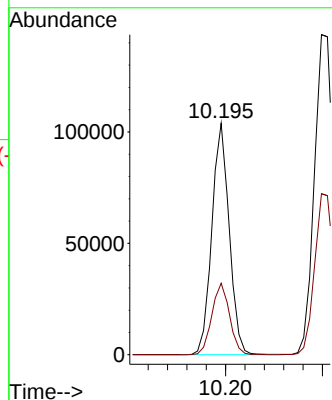
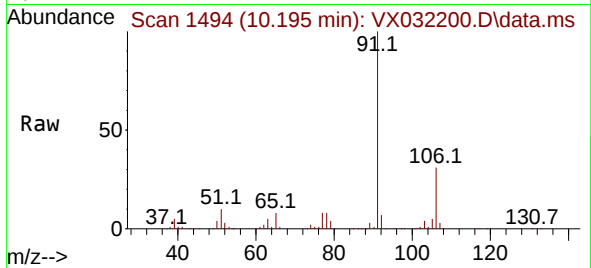
#67
Ethyl Benzene
Concen: 19.859 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 129368
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

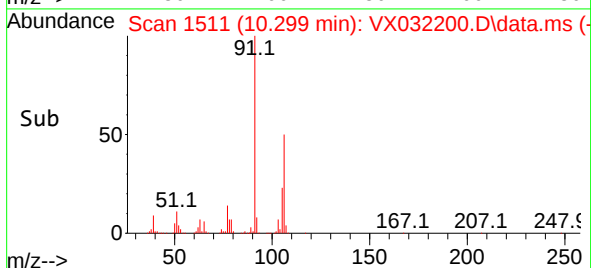
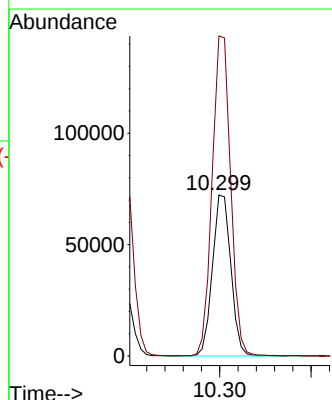
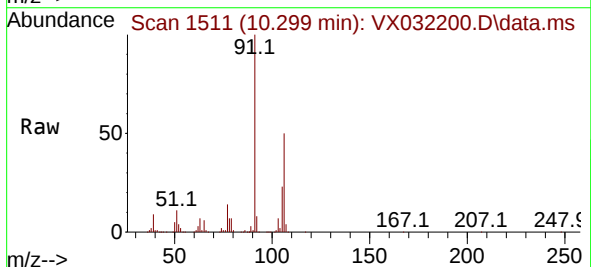
Manual Integrations
APPROVED

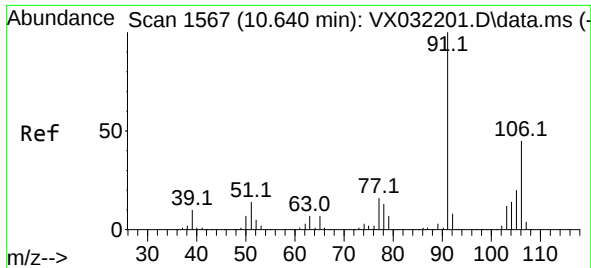
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#68
m/p-Xylenes
Concen: 40.469 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion:106 Resp: 100927
Ion Ratio Lower Upper
106 100
91 199.3 162.8 244.2





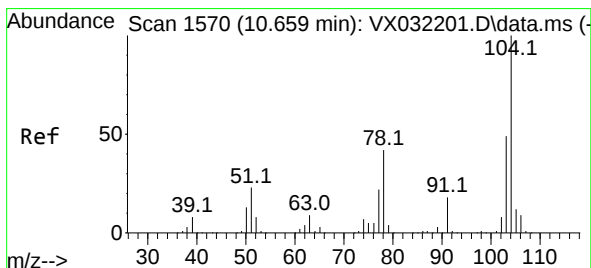
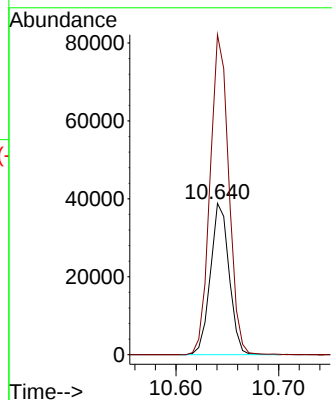
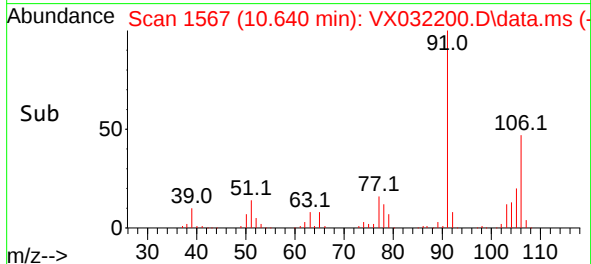
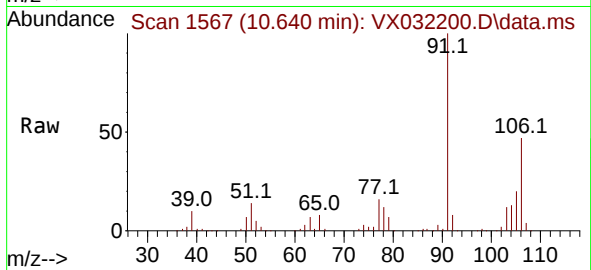
#69
o-Xylene
Concen: 19.684 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.007 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 4900
Ion Ratio Lower Upper
106 100
91 211.6 108.1 324.2

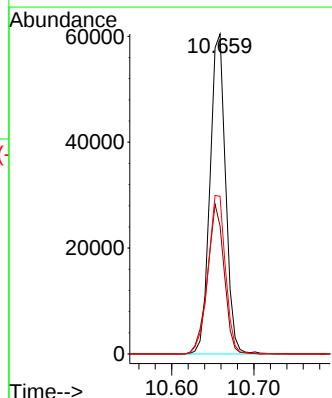
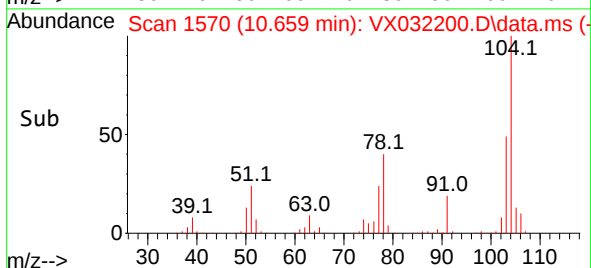
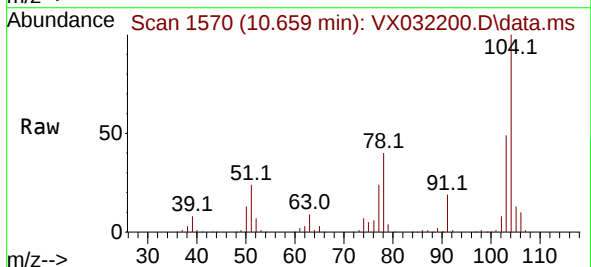
Manual Integrations
APPROVED

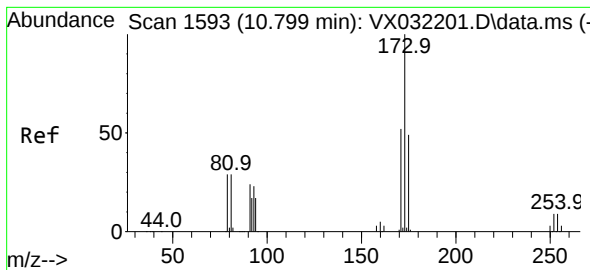
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 19.750 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

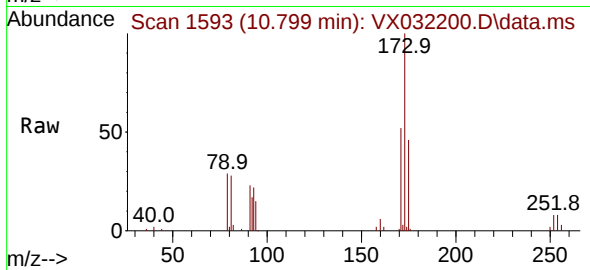
Tgt Ion:104 Resp: 79763
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 55.3 43.4 65.0





#71
Bromoform
Concen: 17.943 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

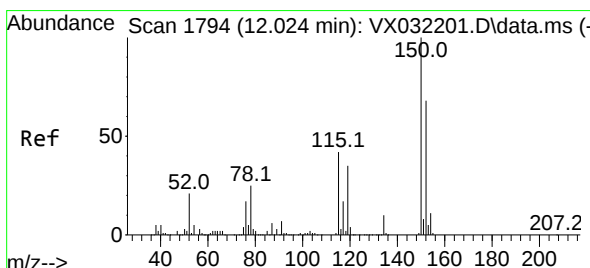
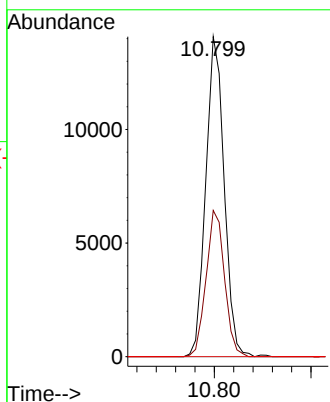
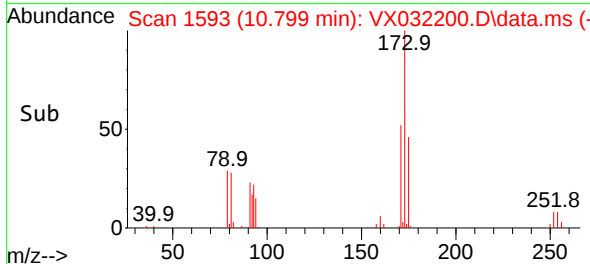
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



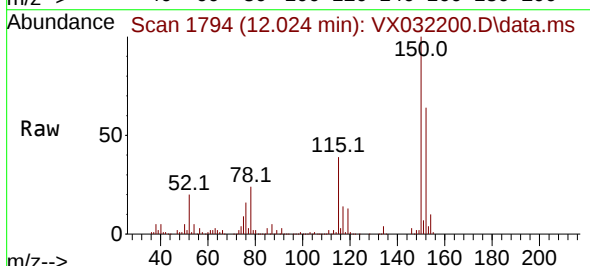
Tgt Ion:173 Resp: 1864
Ion Ratio Lower Upper
173 100
175 45.8 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

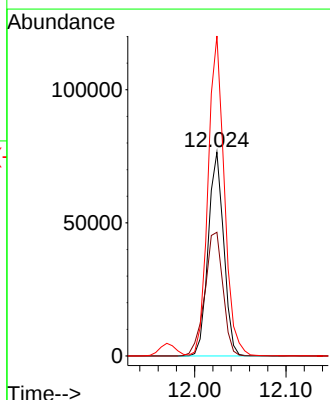
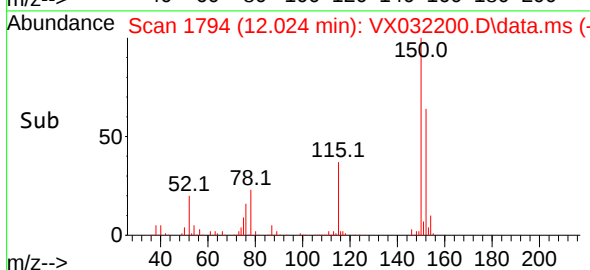
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

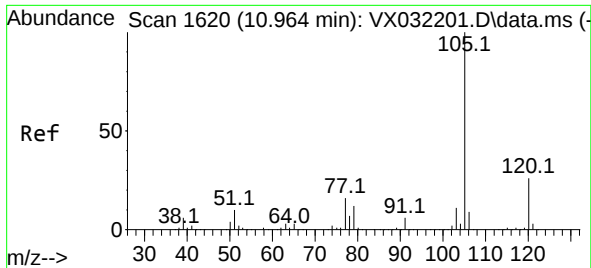


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09



Tgt Ion:152 Resp: 90002
Ion Ratio Lower Upper
152 100
115 70.9 41.1 123.3
150 164.4 0.0 349.0





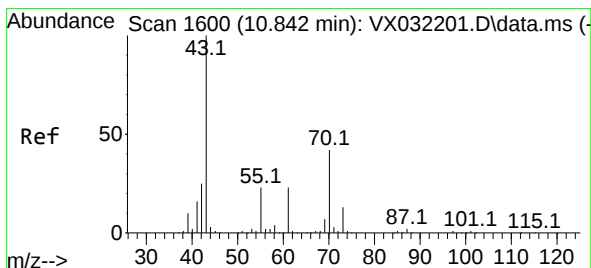
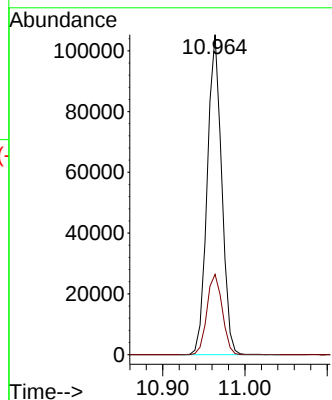
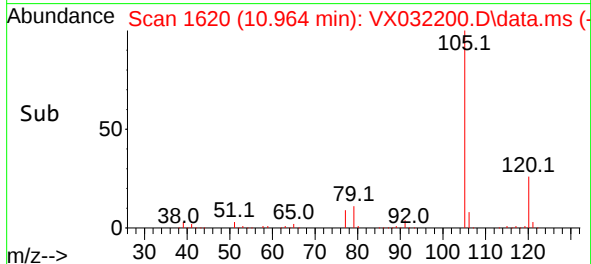
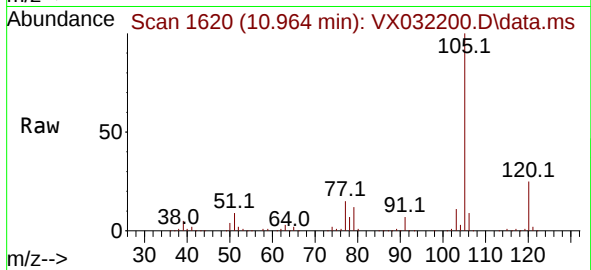
#73
Isopropylbenzene
Concen: 19.113 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 12809
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

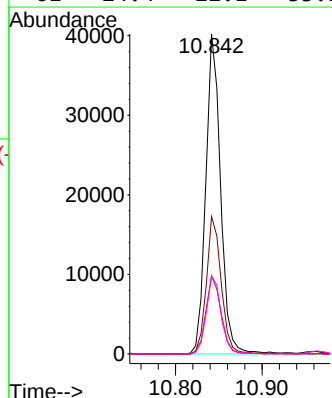
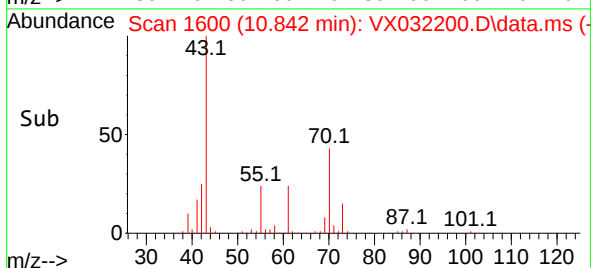
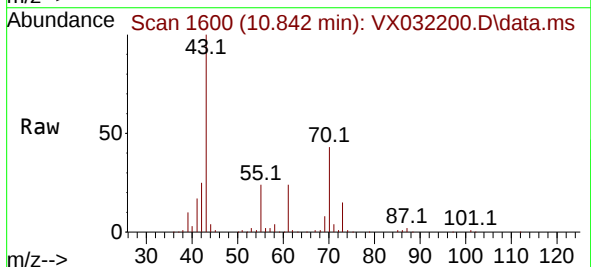
Manual Integrations
APPROVED

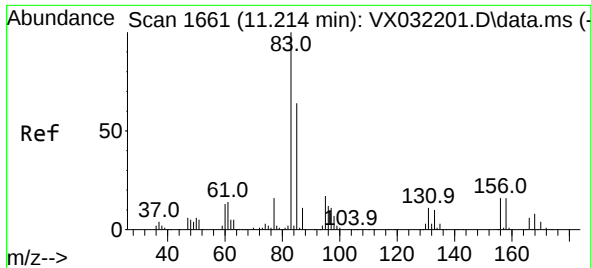
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#74
N-ethyl acetate
Concen: 16.925 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 43 Resp: 47752
Ion Ratio Lower Upper
43 100
70 43.0 39.0 58.6
55 25.2 21.5 32.3
61 24.4 22.1 33.1





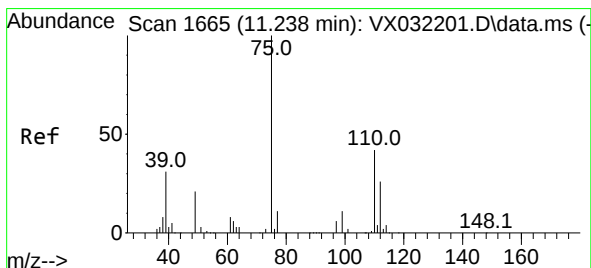
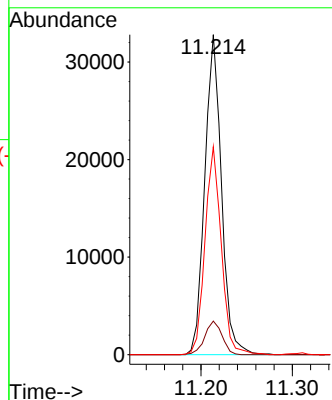
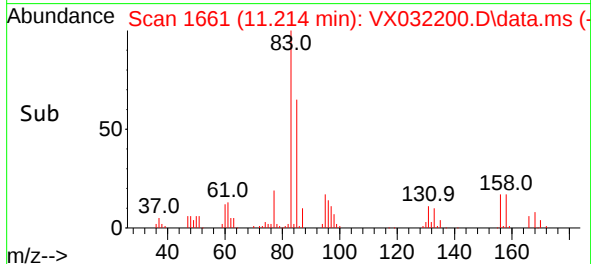
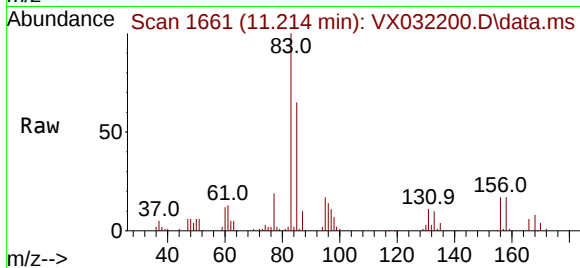
#75
1,1,2,2-Tetrachloroethane
Concen: 19.155 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 4153
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.2
85 63.4 31.8 95.4

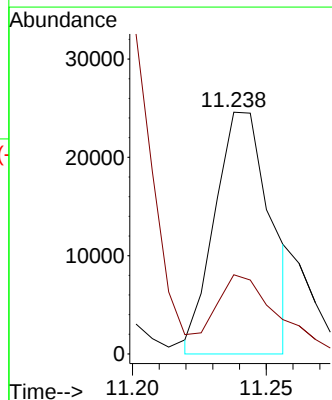
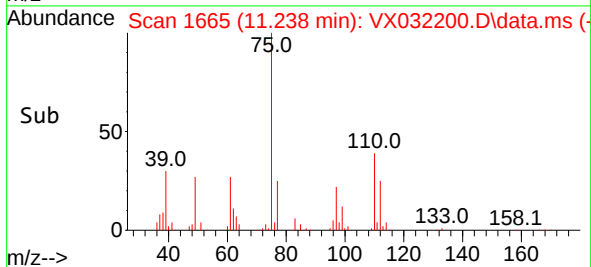
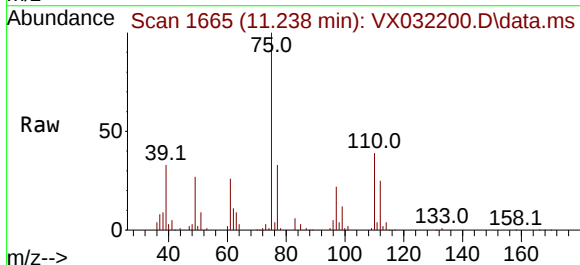
Manual Integrations
APPROVED

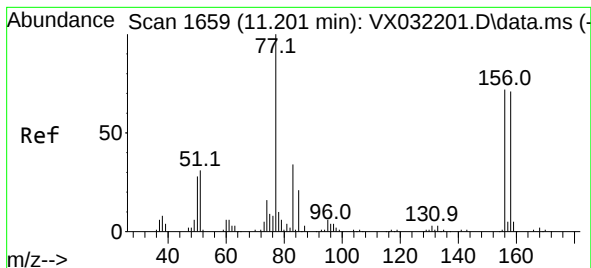
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#76
1,2,3-Trichloropropane
Concen: 17.149 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion: 75 Resp: 35491
Ion Ratio Lower Upper
75 100
77 37.5 19.1 57.5





#77

Bromobenzene

Concen: 18.571 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

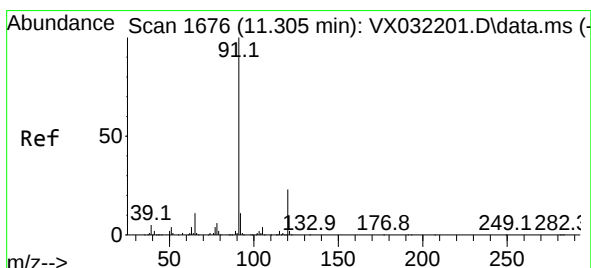
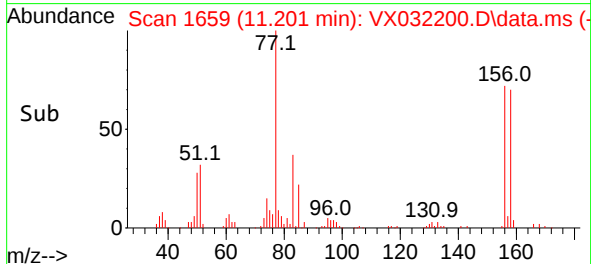
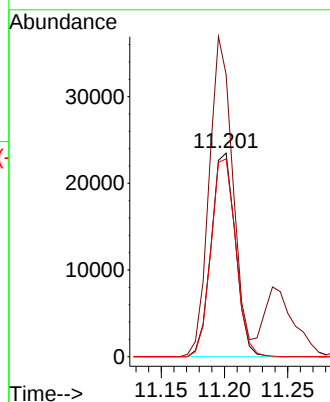
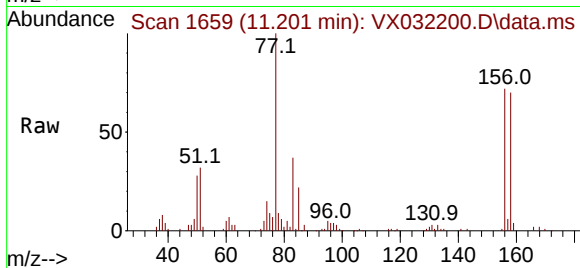
Tgt Ion:	156	Resp:	3128
Ion Ratio	Lower	Upper	
156	100		
77	153.0	82.8	248.6
158	99.0	49.1	147.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#78

n-propylbenzene

Concen: 19.665 ug/l

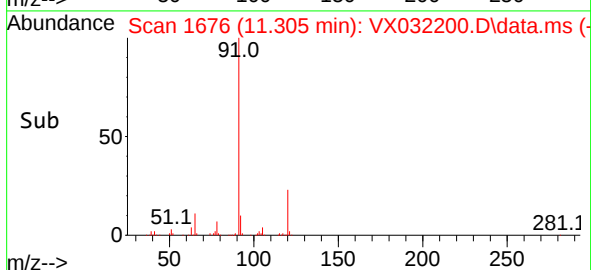
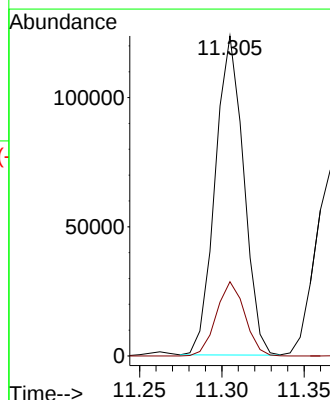
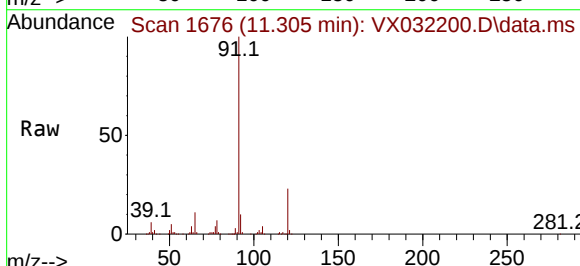
RT: 11.305 min Scan# 1676

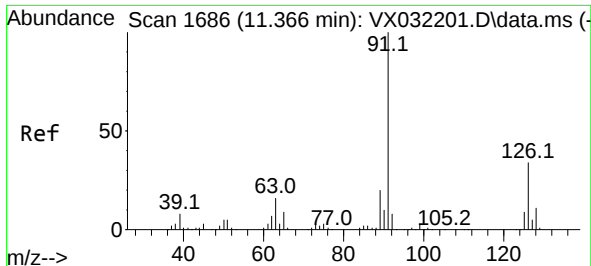
Delta R.T. -0.006 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Tgt Ion:	91	Resp:	148894
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5





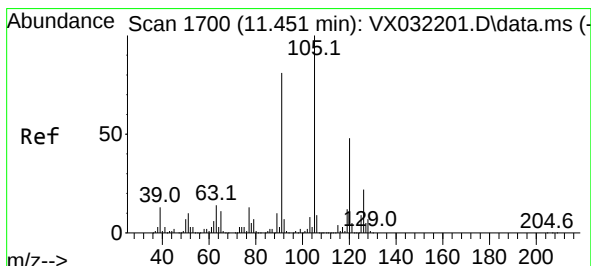
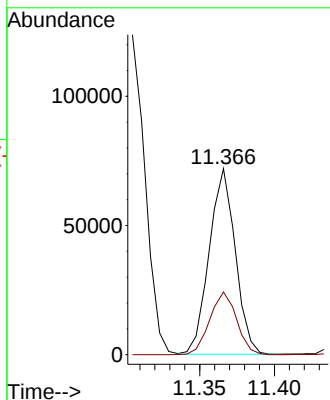
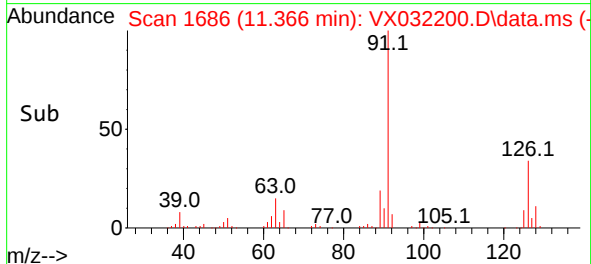
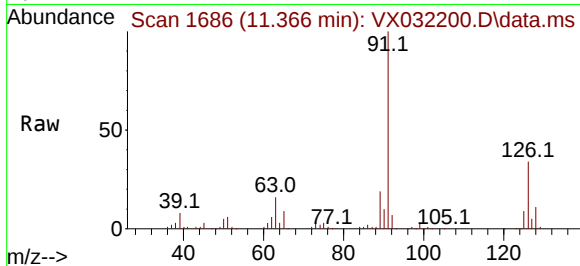
#79
2-Chlorotoluene
Concen: 18.543 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 87210
Ion Ratio Lower Upper
91 100
126 34.6 16.6 49.8

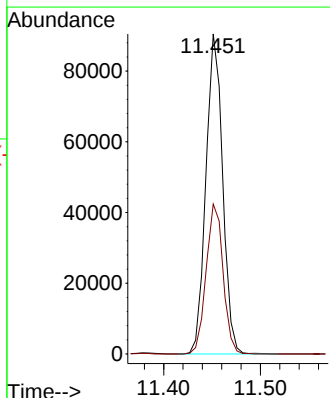
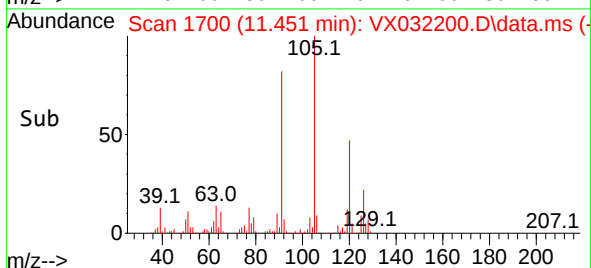
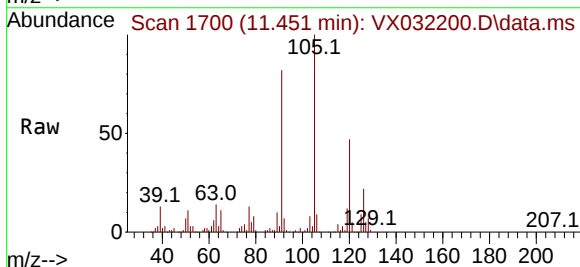
Manual Integrations
APPROVED

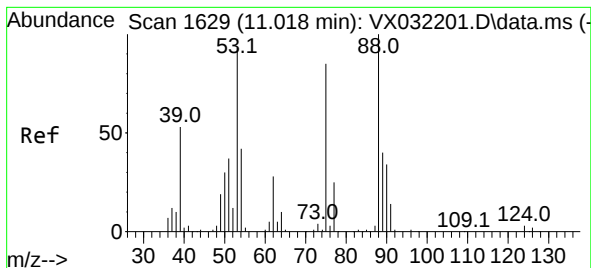
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.296 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion:105 Resp: 109012
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





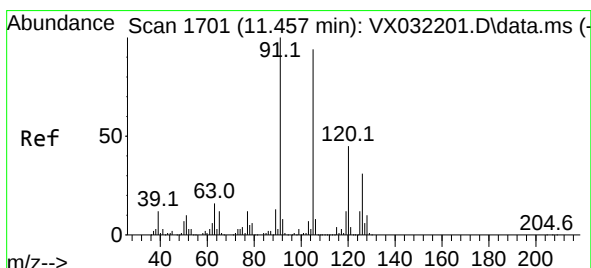
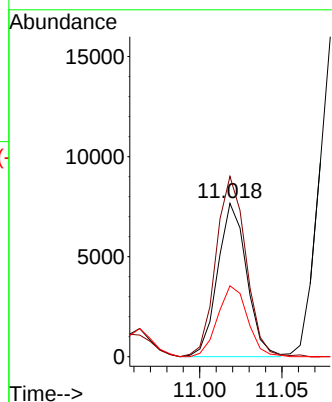
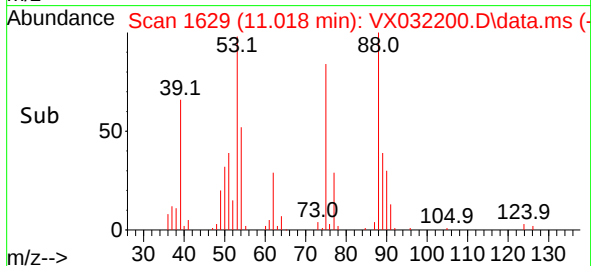
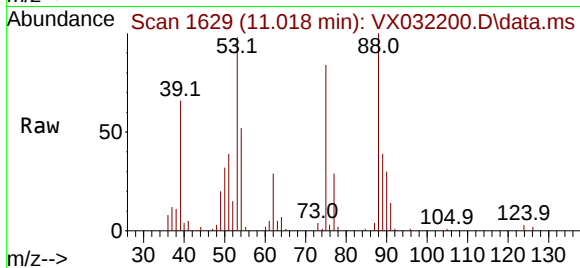
#81
trans-1,4-Dichloro-2-butene
Concen: 13.390 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 942
Ion Ratio Lower Upper
75 100
53 121.2 74.5 111.7
89 47.3 37.9 56.9

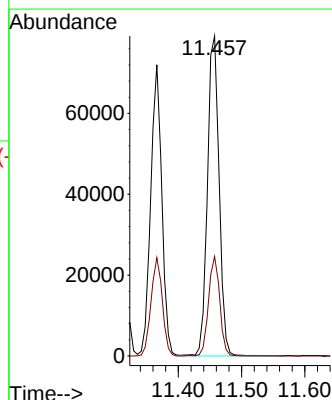
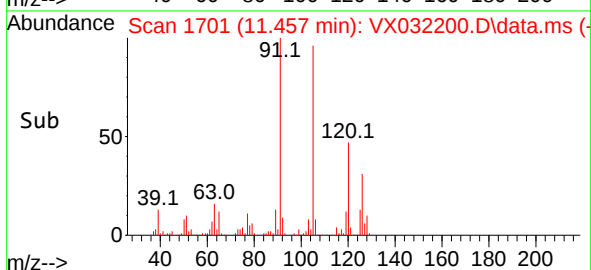
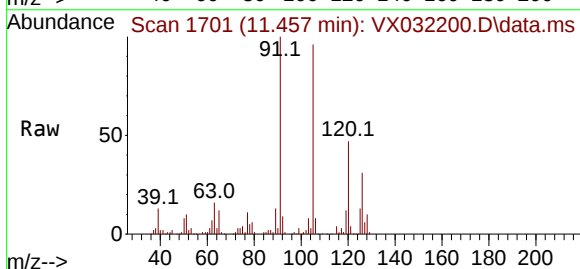
Manual Integrations
APPROVED

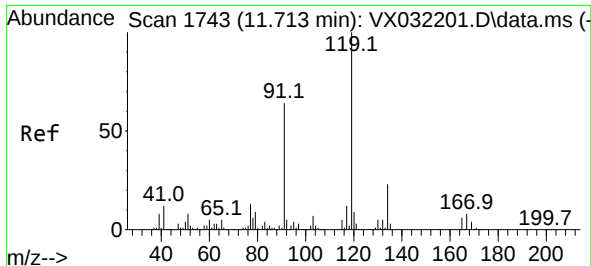
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 19.041 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

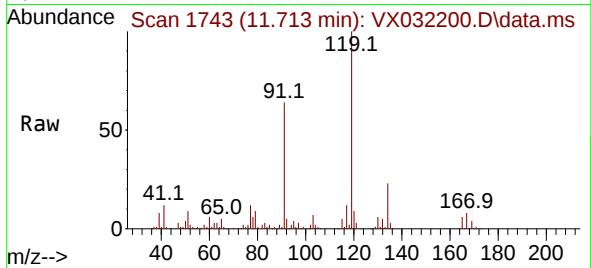
Tgt Ion: 91 Resp: 101887
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5





#83
tert-Butylbenzene
Concen: 20.414 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.007 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

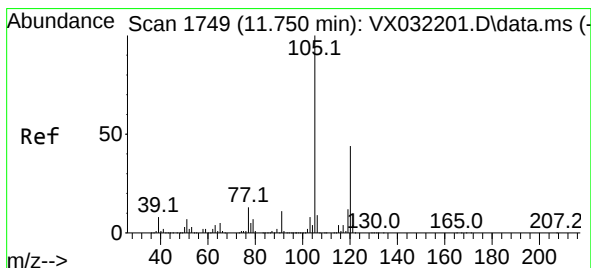
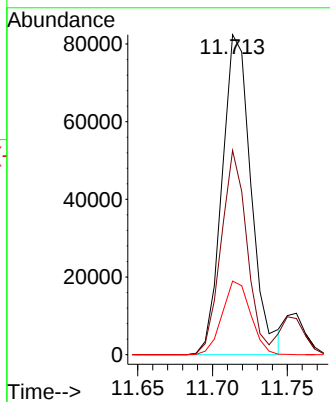
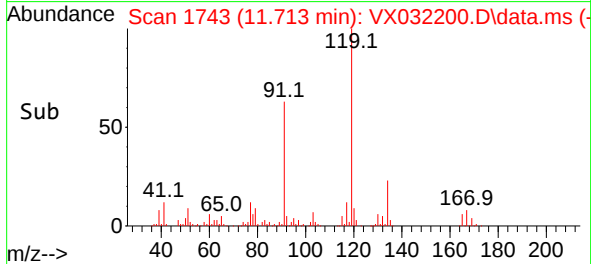
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



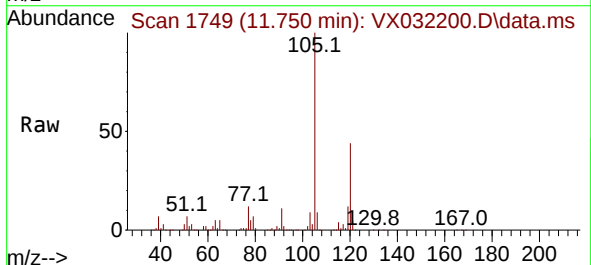
Tgt Ion:119 Resp: 11131
Ion Ratio Lower Upper
119 100
91 56.9 27.9 83.7
134 22.5 11.3 33.9

Manual Integrations
APPROVED

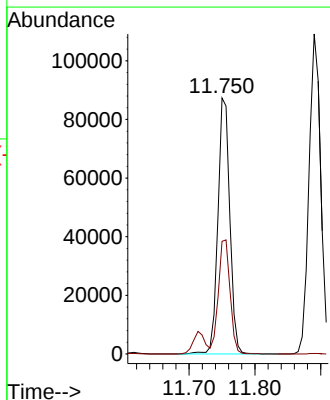
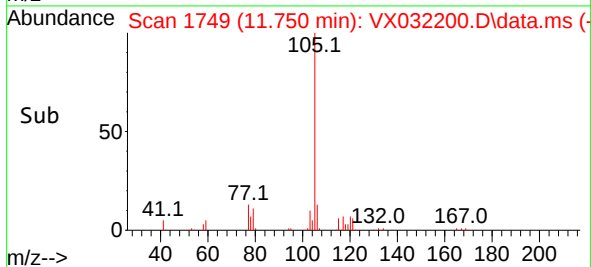
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

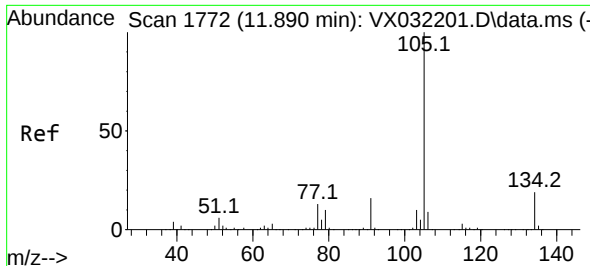


#84
1,2,4-Trimethylbenzene
Concen: 19.785 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09



Tgt Ion:105 Resp: 109951
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.3





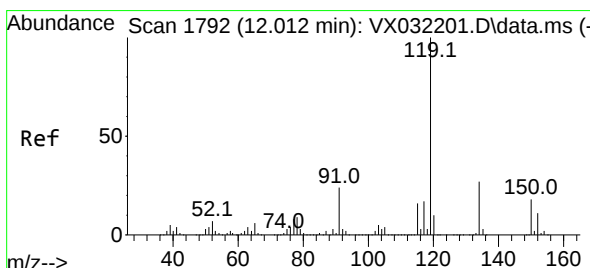
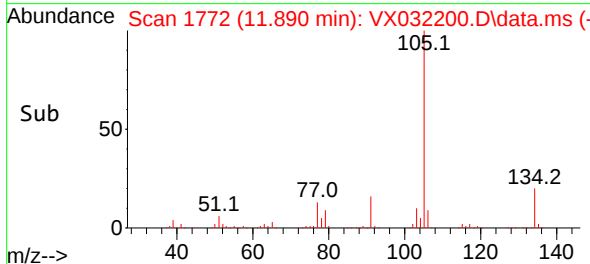
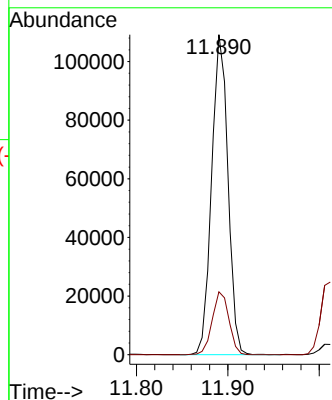
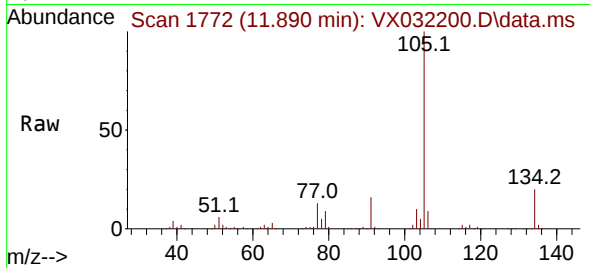
#85
 sec-Butylbenzene
 Concen: 19.709 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX032200.D
 Acq: 19 Oct 2022 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 13465
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8

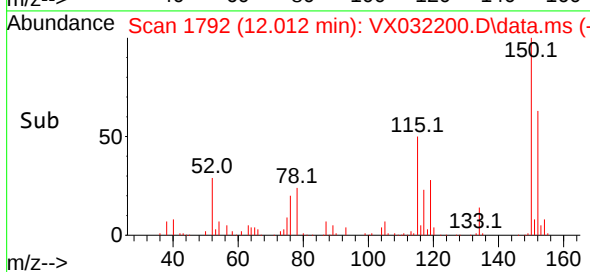
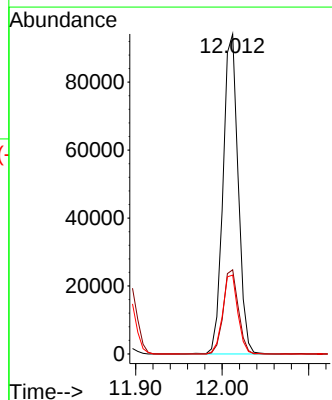
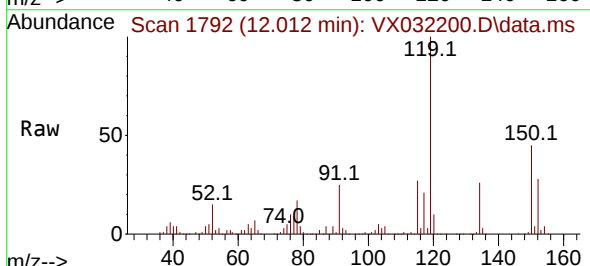
Manual Integrations
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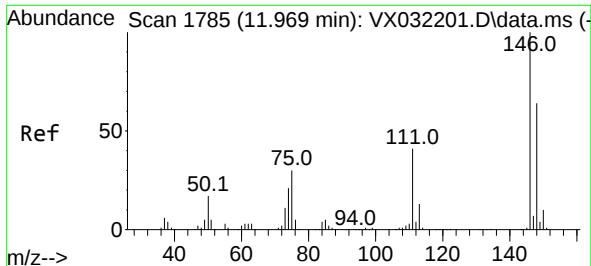
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#86
 p-Isopropyltoluene
 Concen: 19.863 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032200.D
 Acq: 19 Oct 2022 12:09

Tgt Ion:119 Resp: 113910
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 24.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.623 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.007 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

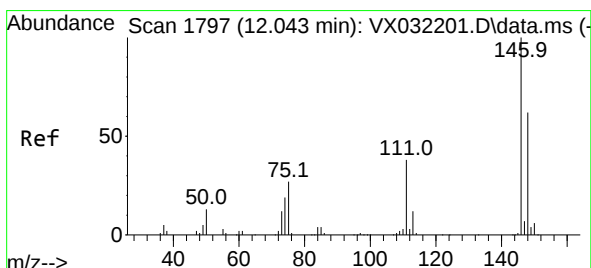
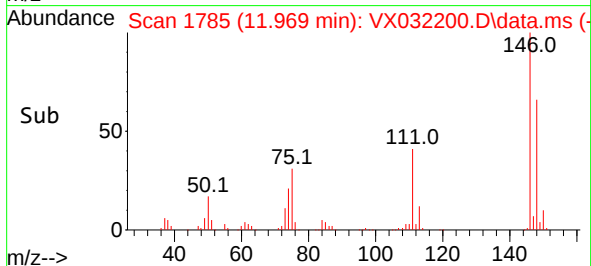
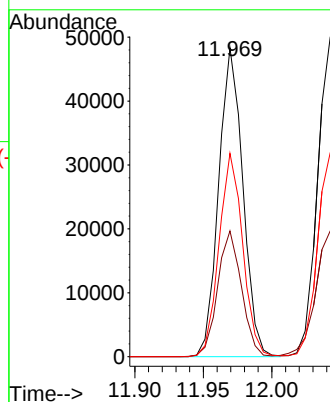
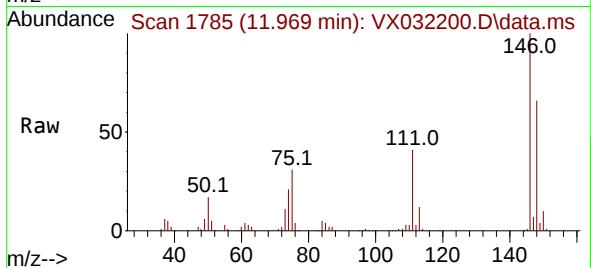
Tgt Ion:146 Resp: 5920
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.2 60.5
 148 64.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#88

1,4-Dichlorobenzene

Concen: 19.451 ug/l

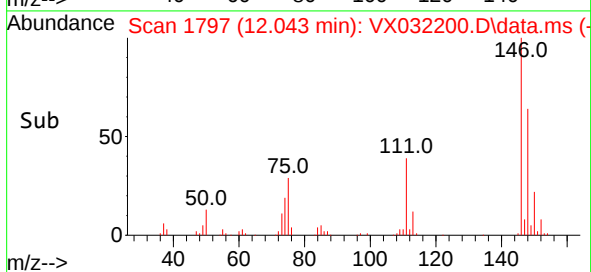
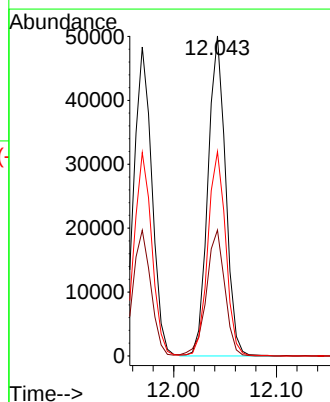
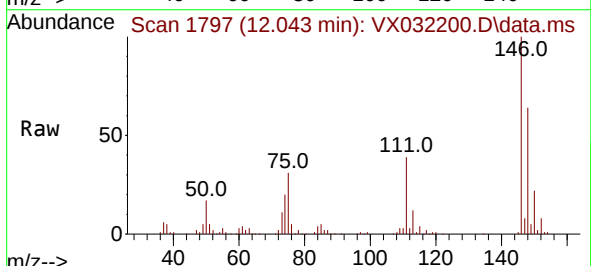
RT: 12.043 min Scan# 1797

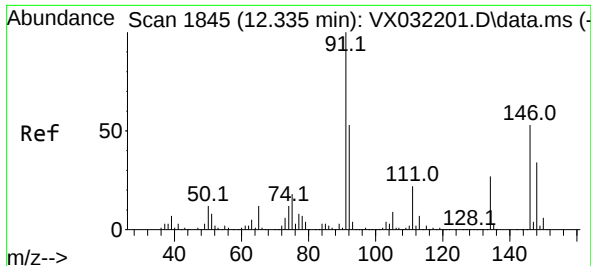
Delta R.T. -0.000 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

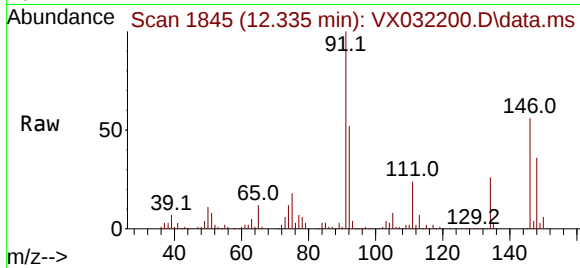
Tgt Ion:146 Resp: 59905
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.6 58.8
 148 64.7 31.6 95.0





#89
n-Butylbenzene
Concen: 19.569 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

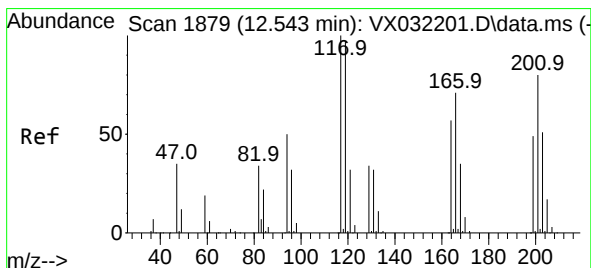
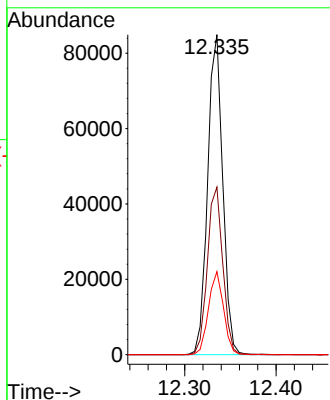
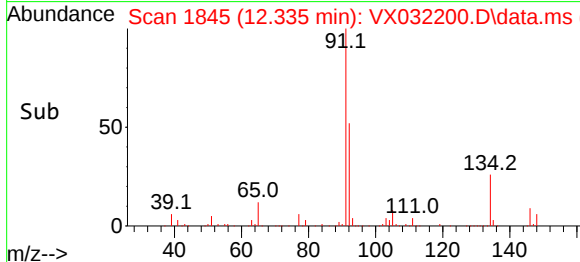
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 97099
Ion Ratio Lower Upper
91 100
92 53.4 27.4 82.0
134 25.9 13.2 39.5

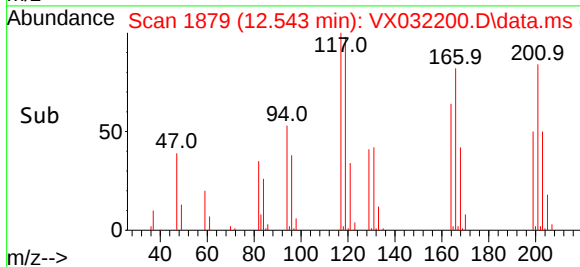
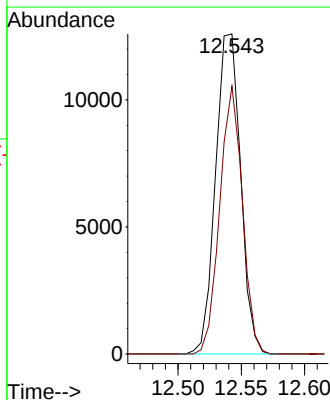
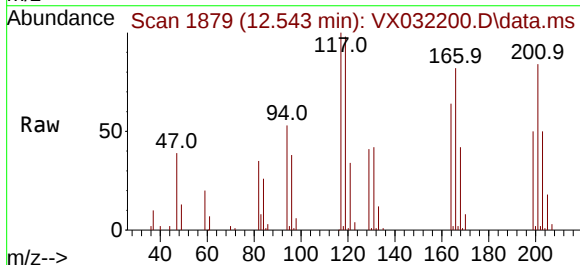
Manual Integrations
APPROVED

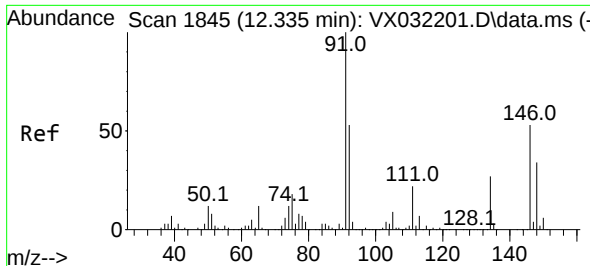
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 18.730 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

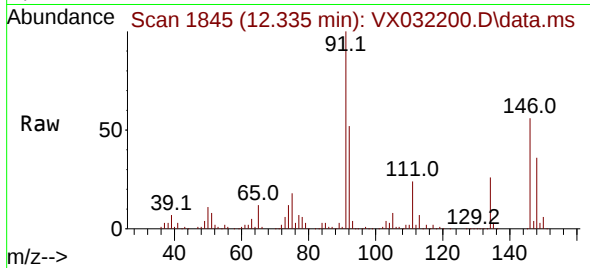
Tgt Ion:117 Resp: 17305
Ion Ratio Lower Upper
117 100
201 75.7 40.4 121.2





#91
1,2-Dichlorobenzene
Concen: 19.908 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

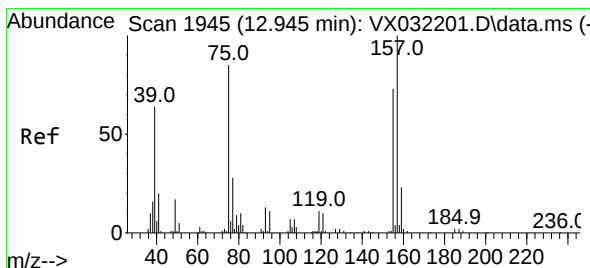
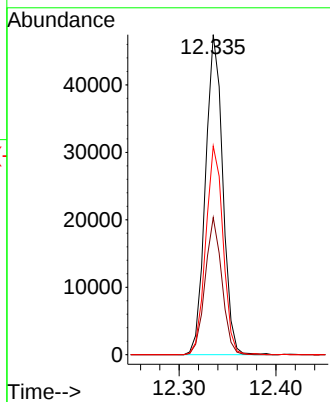
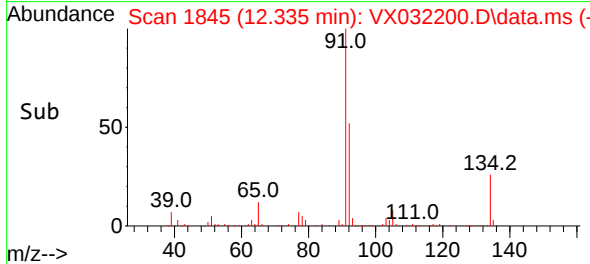
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



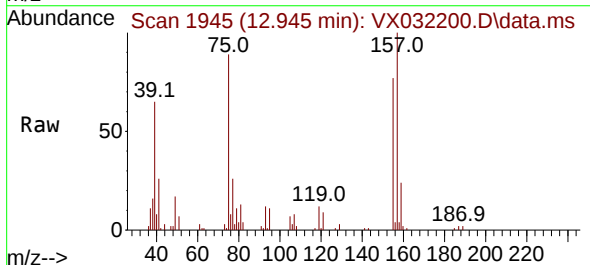
Tgt Ion:146 Resp: 58928
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.2
148 65.2 31.9 95.5

Manual Integrations
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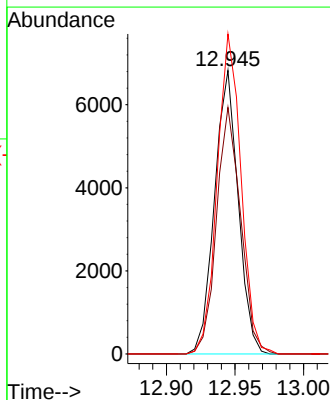
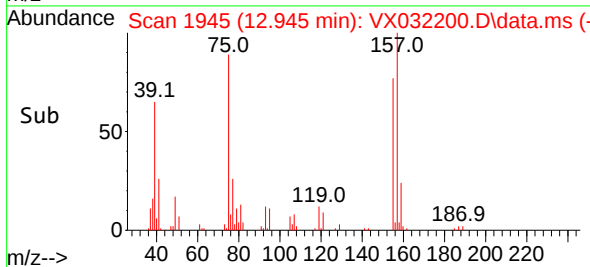
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

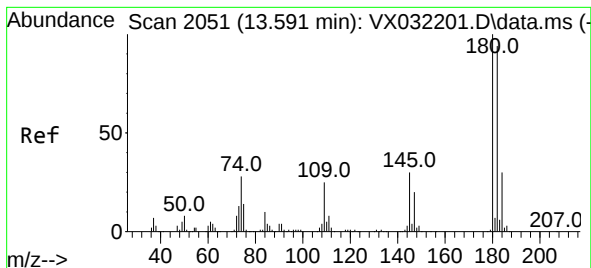


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.460 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09



Tgt Ion: 75 Resp: 8188
Ion Ratio Lower Upper
75 100
155 88.5 45.3 135.9
157 113.7 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 21.822 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

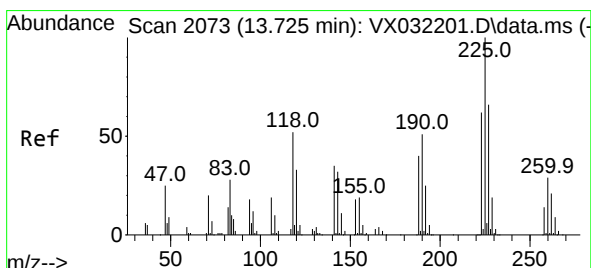
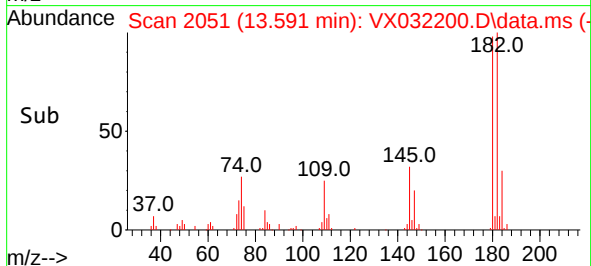
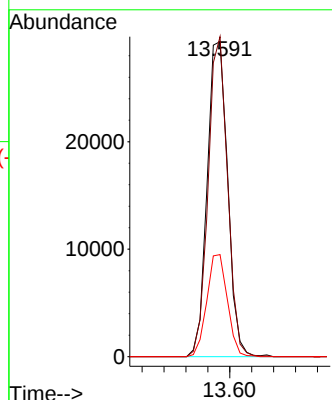
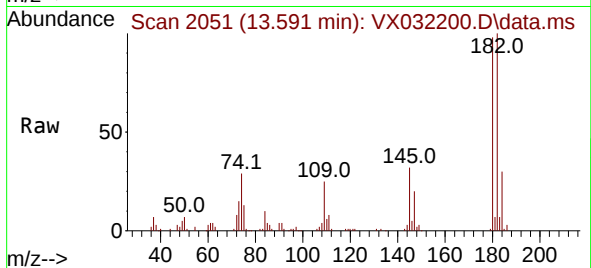
Tgt Ion:	180	Resp:	38064
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.7	143.1
145	32.5	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

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#94

Hexachlorobutadiene

Concen: 18.649 ug/l

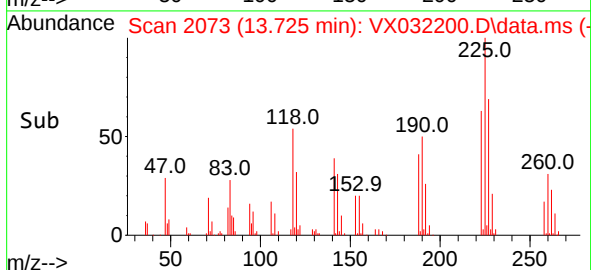
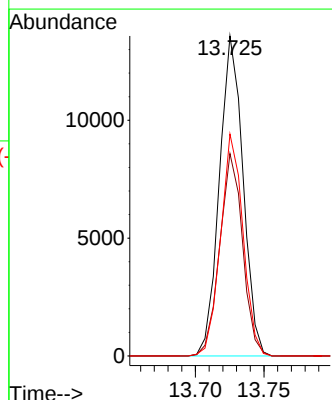
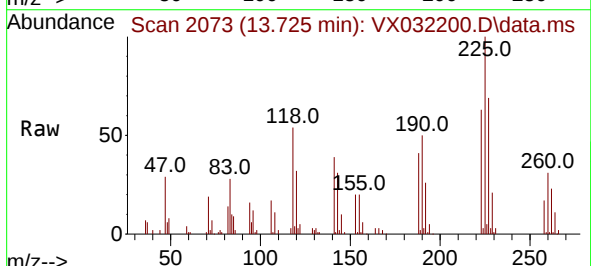
RT: 13.725 min Scan# 2073

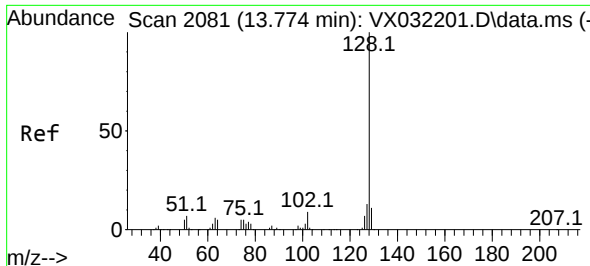
Delta R.T. 0.000 min

Lab File: VX032200.D

Acq: 19 Oct 2022 12:09

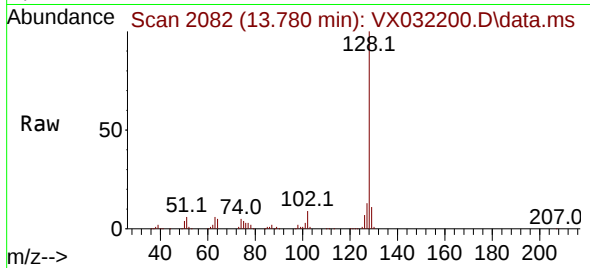
Tgt Ion:	225	Resp:	16244
Ion Ratio	Lower	Upper	
225	100		
223	61.2	31.1	93.2
227	66.0	31.6	95.0





#95
Naphthalene
Concen: 23.207 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

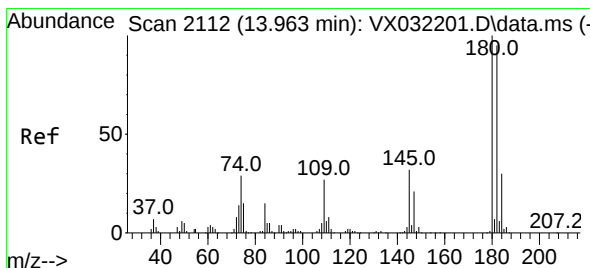
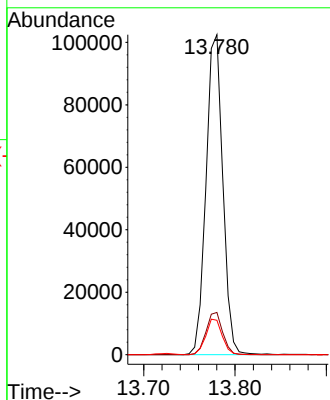
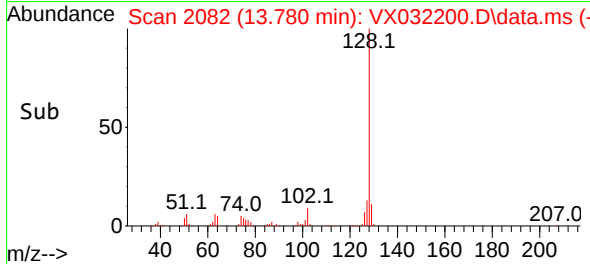
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 130172
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.098 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032200.D
Acq: 19 Oct 2022 12:09

Tgt Ion:180 Resp: 38853
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 32.9 16.1 48.3

