

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032123.D
 Acq On : 13 Oct 2022 20:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 14 07:54:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	76131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93844	59.687	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.380%			
35) Dibromofluoromethane	5.385	113	70864	53.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	8.647	98	251795	52.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.760%			
62) 4-Bromofluorobenzene	11.079	95	102168	60.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	56700	50.044	ug/l	97
3) Chloromethane	1.288	50	49994	42.138	ug/l	99
4) Vinyl Chloride	1.374	62	61079	44.052	ug/l	100
5) Bromomethane	1.612	94	41925	46.382	ug/l	94
6) Chloroethane	1.685	64	38382	32.530	ug/l	96
7) Trichlorofluoromethane	1.886	101	96117	38.565	ug/l	99
8) Diethyl Ether	2.130	74	35193	41.426	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	46627	37.013	ug/l	94
10) Methyl Iodide	2.447	142	45934	36.616	ug/l	99
11) Tert butyl alcohol	3.002	59	38166	195.106	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	42399	36.563	ug/l	90
13) Acrolein	2.233	56	18324	156.647	ug/l	97
14) Allyl chloride	2.660	41	66678	40.411	ug/l	98
15) Acrylonitrile	3.069	53	129219	207.216	ug/l	98
16) Acetone	2.386	43	102048	190.975	ug/l	96
17) Carbon Disulfide	2.508	76	77571	31.150	ug/l	99
18) Methyl Acetate	2.703	43	75424	42.779	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	162154	41.670	ug/l	95
20) Methylene Chloride	2.788	84	50922	36.264	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	47989	37.369	ug/l	94
22) Diisopropyl ether	3.764	45	160702	43.324	ug/l	95
23) Vinyl Acetate	3.721	43	617138	222.578	ug/l	97
24) 1,1-Dichloroethane	3.611	63	91086	40.965	ug/l	99
25) 2-Butanone	4.562	43	177159	212.086	ug/l	99
26) 2,2-Dichloropropane	4.477	77	62896	39.381	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	61135	39.786	ug/l	89
28) Bromochloromethane	4.898	49	50519	53.081	ug/l	91
29) Tetrahydrofuran	5.007	42	143227	265.744	ug/l	96
30) Chloroform	5.099	83	132997	53.698	ug/l	99
31) Cyclohexane	5.471	56	91438	48.682	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	115660	54.953	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90128	50.873	ug/l	99
37) Ethyl Acetate	4.715	43	71704	42.990	ug/l	99
38) Carbon Tetrachloride	5.678	117	98454	54.351	ug/l	97
39) Methylcyclohexane	7.379	83	102871	48.680	ug/l	96
40) Benzene	6.044	78	256644	49.471	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51851	59.782	ug/l	97
42) 1,2-Dichloroethane	6.086	62	111433	58.946	ug/l	98
43) Isopropyl Acetate	6.342	43	151758	59.969	ug/l	99
44) Trichloroethene	7.129	130	71897	47.266	ug/l	97
45) 1,2-Dichloropropane	7.428	63	66827	52.417	ug/l	94
46) Dibromomethane	7.580	93	50836	51.451	ug/l	96
47) Bromodichloromethane	7.824	83	100159	58.681	ug/l	98
48) Methyl methacrylate	7.696	41	76968	63.650	ug/l	99
49) 1,4-Dioxane	7.690	88	26792	977.889	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	483278	288.180	ug/l	98
52) Toluene	8.720	92	169123	49.861	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	99514	54.060	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	107558	58.188	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	73450	51.306	ug/l	98
56) Ethyl methacrylate	9.116	69	105972	57.748	ug/l	97
57) 1,3-Dichloropropane	9.311	76	121546	52.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	275254	290.578	ug/l	97
59) 2-Hexanone	9.433	43	360303	291.385	ug/l	100
60) Dibromochloromethane	9.525	129	76034	58.034	ug/l	100
61) 1,2-Dibromoethane	9.610	107	75765	52.626	ug/l	98
64) Tetrachloroethene	9.275	164	69717	47.168	ug/l	97
65) Chlorobenzene	10.080	112	186505	47.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	72290	52.666	ug/l	98
67) Ethyl Benzene	10.195	91	341936	50.953	ug/l	98
68) m/p-Xylenes	10.305	106	258421	96.902	ug/l	94
69) o-Xylene	10.647	106	129051	49.786	ug/l	96
70) Styrene	10.659	104	216858	52.334	ug/l	98
71) Bromoform	10.799	173	50369	56.054	ug/l #	97
73) Isopropylbenzene	10.964	105	351429	48.425	ug/l	98
74) N-amyl acetate	10.848	43	135217	61.014	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	111407	48.317	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101323m	51.380	ug/l	
77) Bromobenzene	11.201	156	82162	45.961	ug/l	96
78) n-propylbenzene	11.305	91	415462	50.333	ug/l	98
79) 2-Chlorotoluene	11.366	91	249091	50.146	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	303870	50.486	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26764	48.293	ug/l #	80
82) 4-Chlorotoluene	11.457	91	290314	51.031	ug/l	97
83) tert-Butylbenzene	11.713	119	301886	50.677	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	308399	50.438	ug/l	97
85) sec-Butylbenzene	11.890	105	384687	52.160	ug/l	98
86) p-Isopropyltoluene	12.012	119	325358	52.397	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	157886	46.386	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	161416	46.073	ug/l	99
89) n-Butylbenzene	12.335	91	289011	55.579	ug/l	99
90) Hexachloroethane	12.543	117	49379	50.008	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	162786	48.103	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25449	60.296	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	104687	50.969	ug/l	99
94) Hexachlorobutadiene	13.725	225	42180	50.775	ug/l	97
95) Naphthalene	13.774	128	359972	51.146	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104546	50.180	ug/l	98

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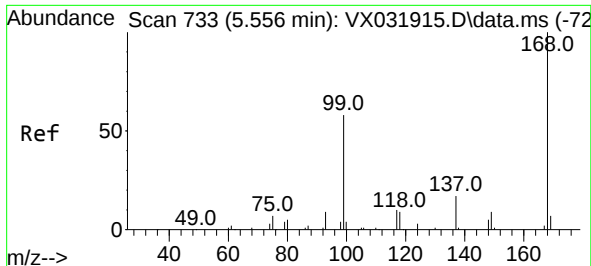
Manual Integrations
APPROVED

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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



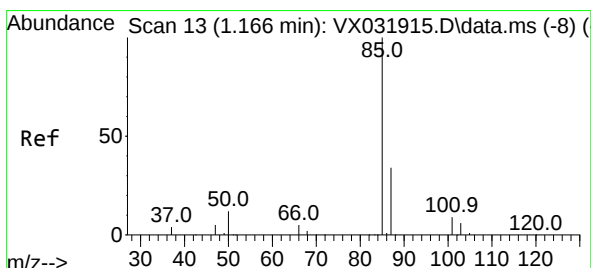
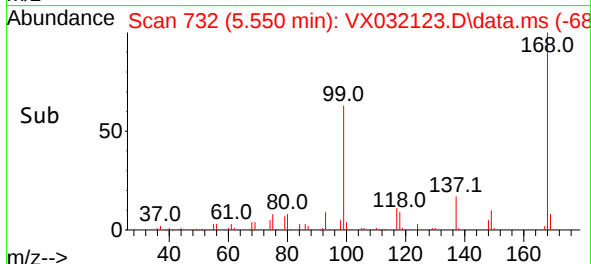
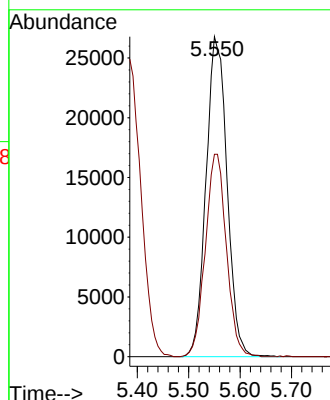
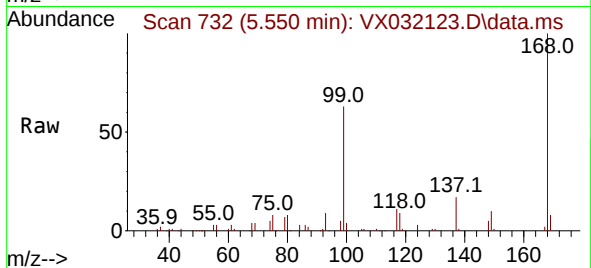
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 7613
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2

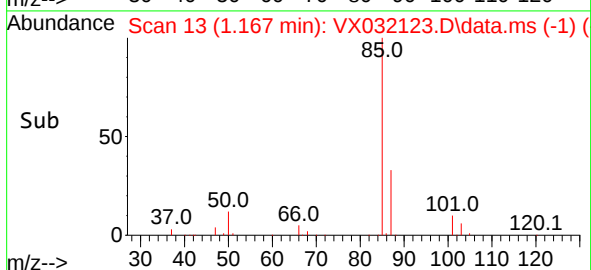
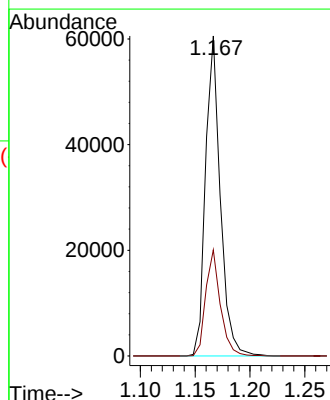
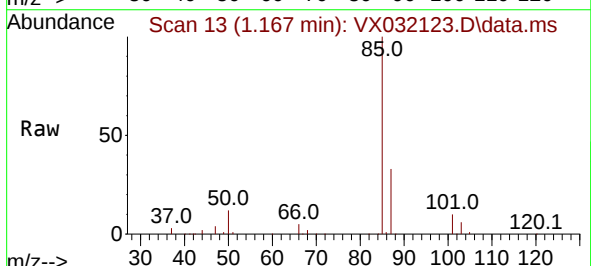
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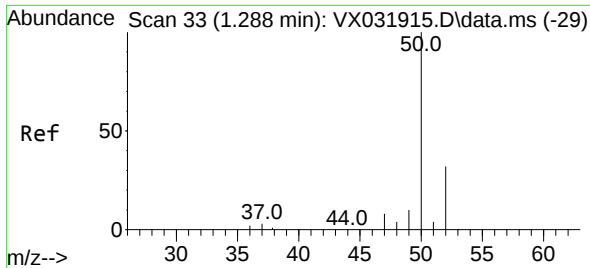
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 50.044 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

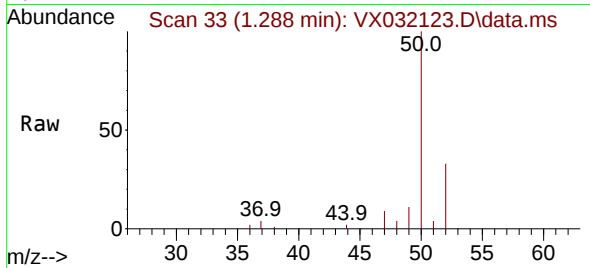
Tgt Ion: 85 Resp: 56700
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 42.138 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

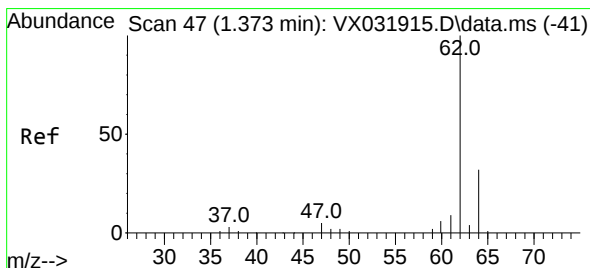
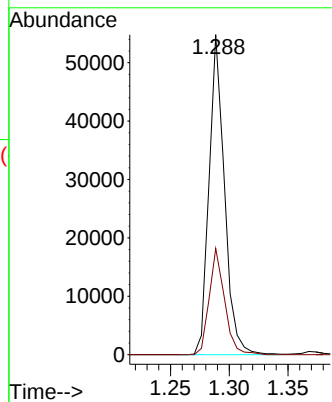
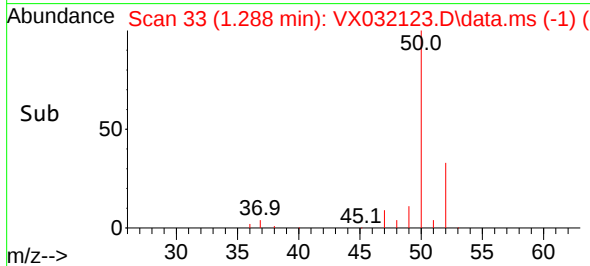
Instrument :
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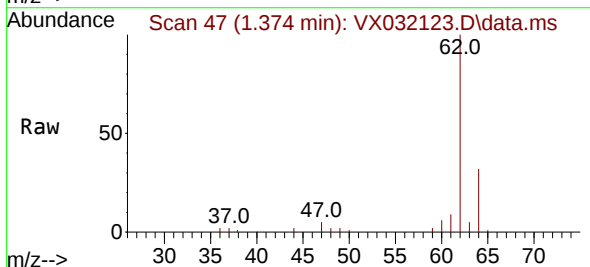
Tgt Ion: 50 Resp: 49994
Ion Ratio Lower Upper
50 100
52 33.2 26.9 40.3

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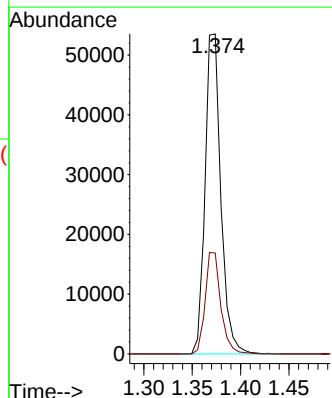
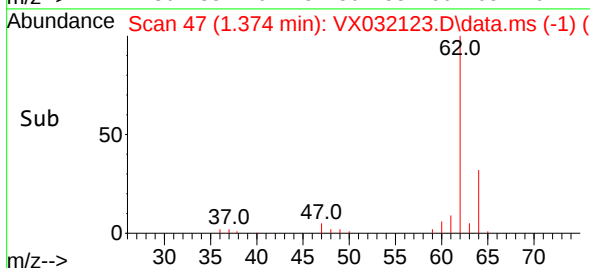
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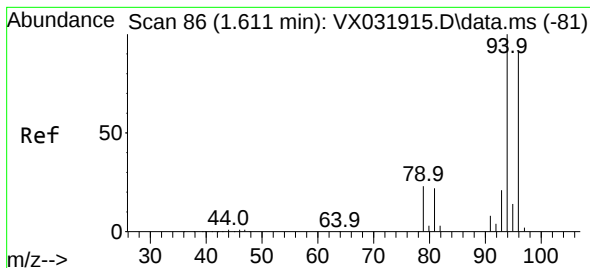


#4
Vinyl Chloride
Concen: 44.052 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



Tgt Ion: 62 Resp: 61079
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#5

Bromomethane

Concen: 46.382 ug/l

RT: 1.612 min Scan# 80

Delta R.T. 0.001 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 41925

Ion Ratio Lower Upper

94 100

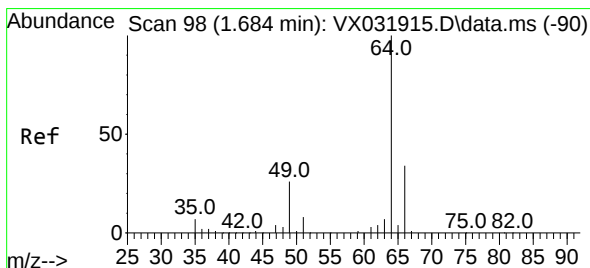
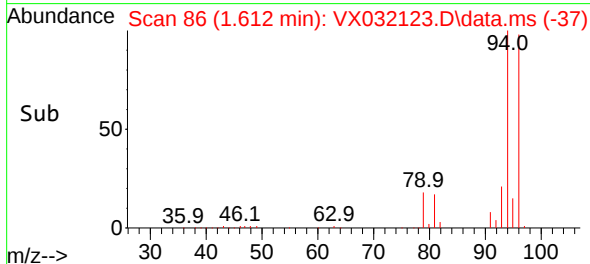
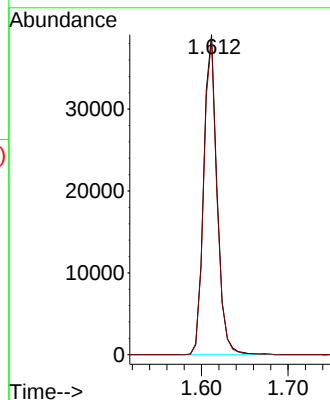
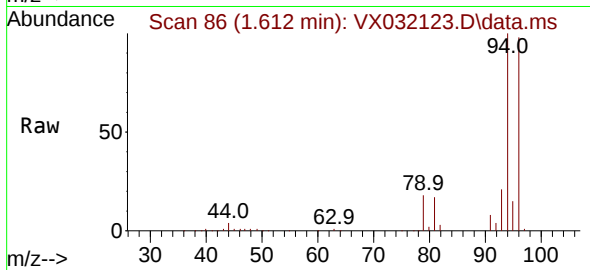
96 98.5 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 32.530 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.001 min

Lab File: VX032123.D

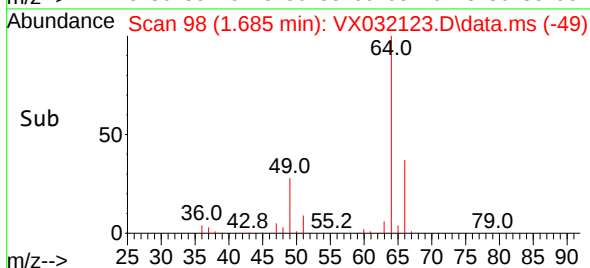
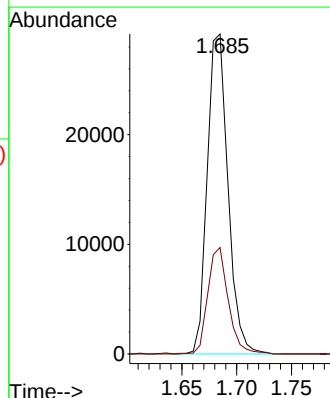
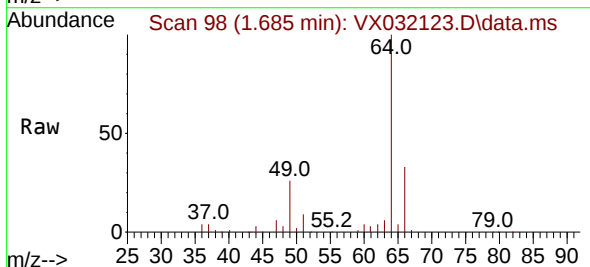
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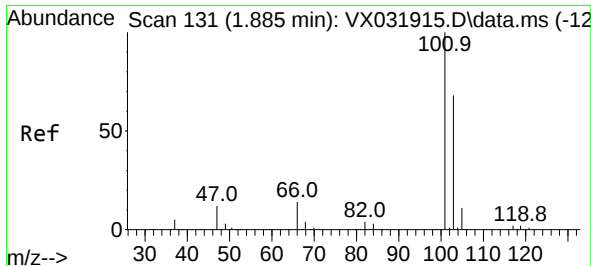
Tgt Ion: 64 Resp: 38382

Ion Ratio Lower Upper

64 100

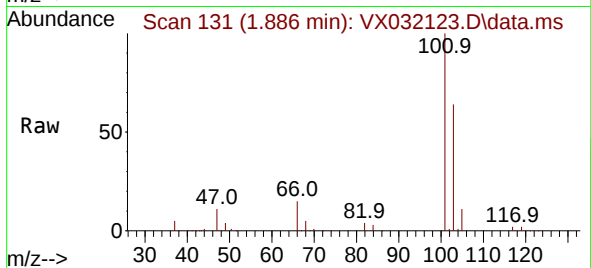
66 33.3 25.0 37.4





#7
Trichlorofluoromethane
Concen: 38.565 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

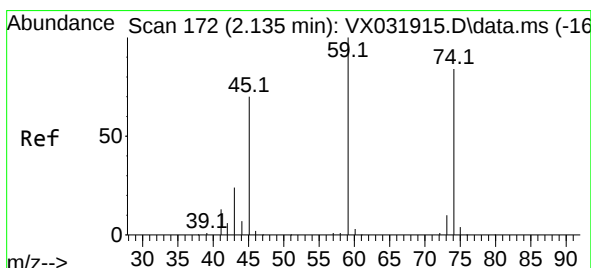
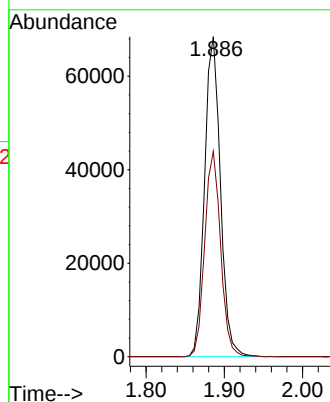
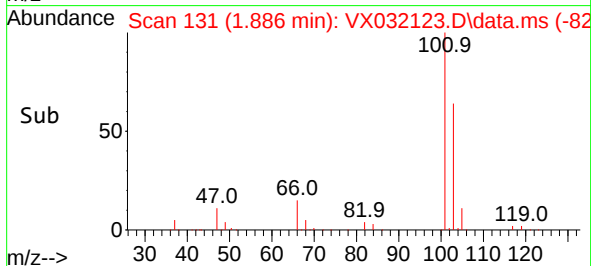
Instrument :
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Tgt Ion:101 Resp: 9611
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

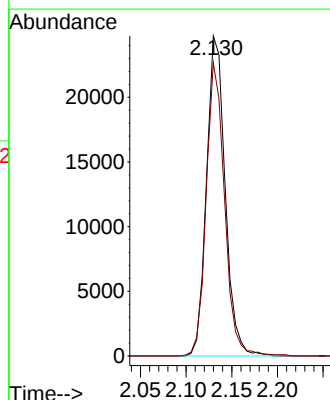
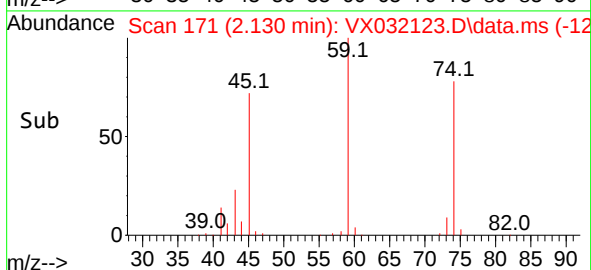
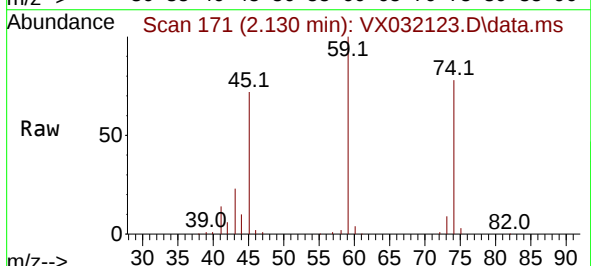
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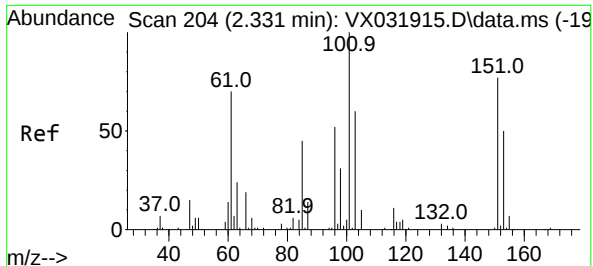
Reviewed By :John Carlone 10/14/2022
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#8
Diethyl Ether
Concen: 41.426 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion: 74 Resp: 35193
Ion Ratio Lower Upper
74 100
45 90.1 48.5 145.6





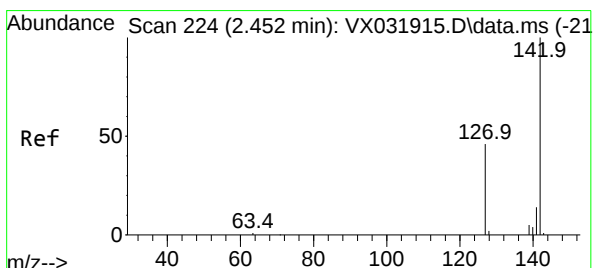
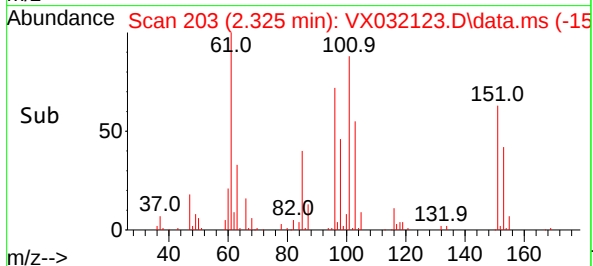
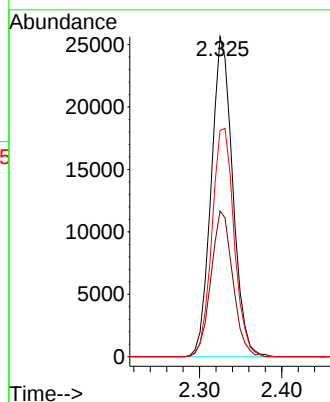
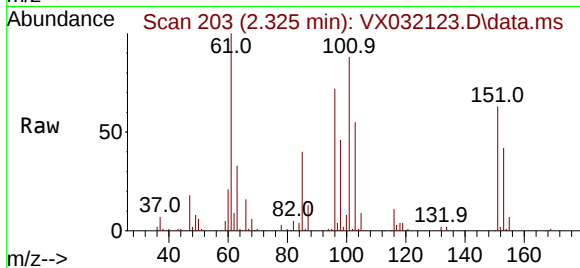
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1,1,2-Trichlorotrifluoroethane
Concen: 37.013 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 4662
Ion Ratio Lower Upper
101 100
85 46.1 38.6 57.8
151 73.5 54.0 81.0

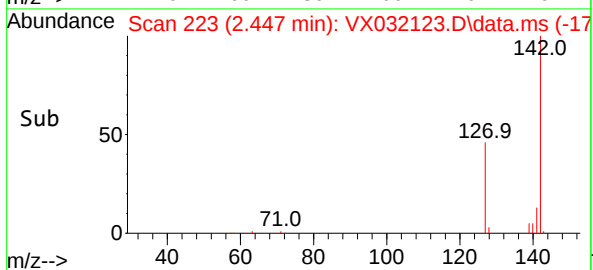
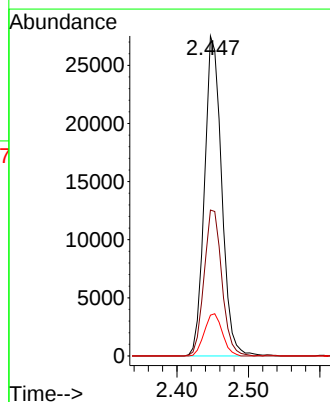
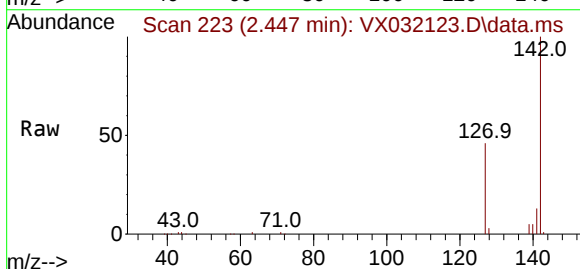
Manual Integrations
APPROVED

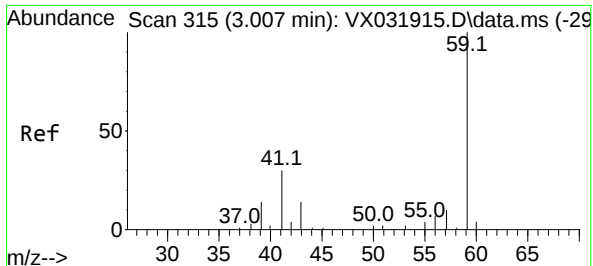
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
Methyl Iodide
Concen: 36.616 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.005 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

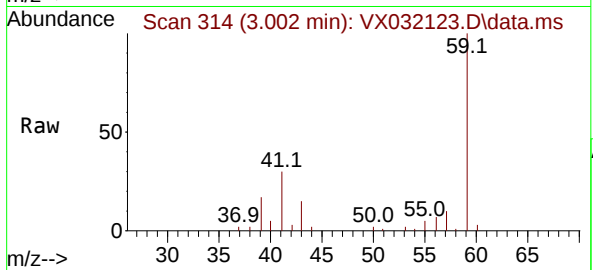
Tgt Ion:142 Resp: 45934
Ion Ratio Lower Upper
142 100
127 47.1 37.4 56.0
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 195.106 ug/l
RT: 3.002 min Scan# 315
Delta R.T. -0.005 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

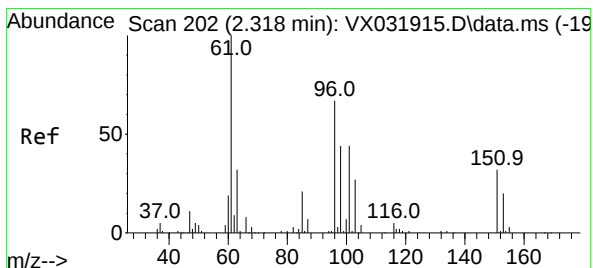
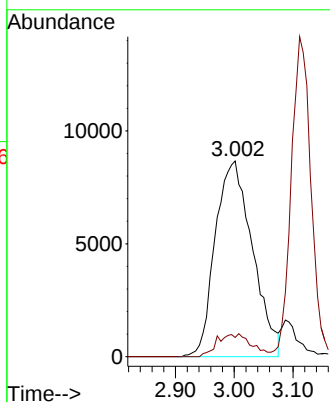
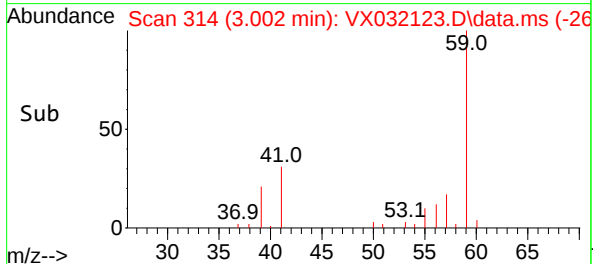
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



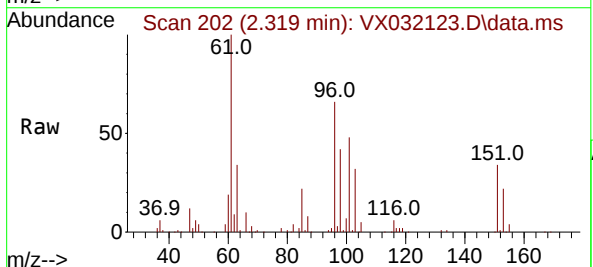
Tgt Ion: 59 Resp: 38160
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.2

Manual Integrations
APPROVED

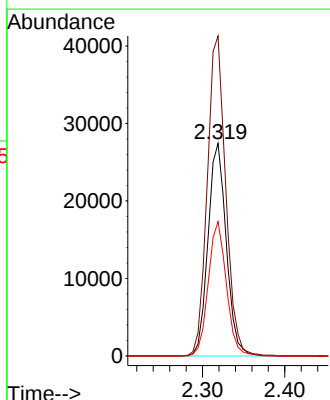
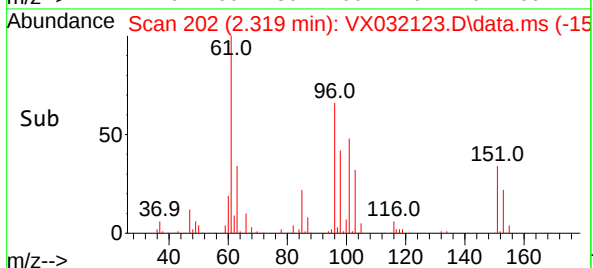
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

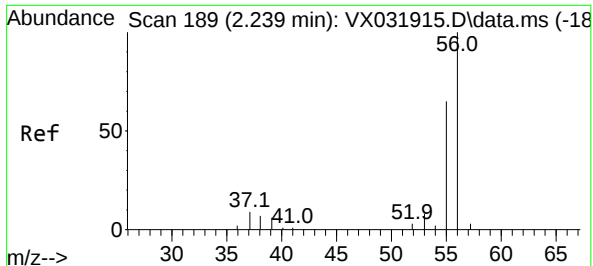


#12
1,1-Dichloroethene
Concen: 36.563 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



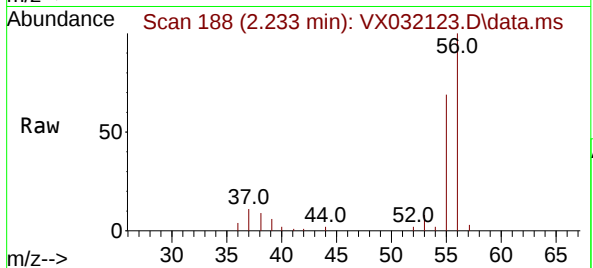
Tgt Ion: 96 Resp: 42399
Ion Ratio Lower Upper
96 100
61 150.5 135.3 202.9
98 63.2 49.4 74.2





#13
Acrolein
Concen: 156.647 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

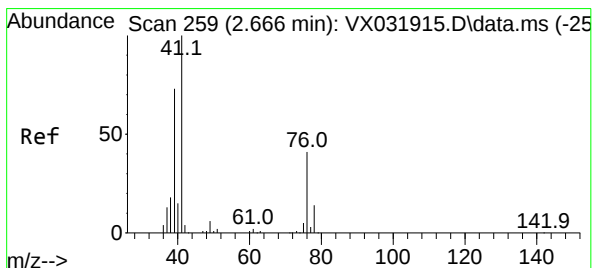
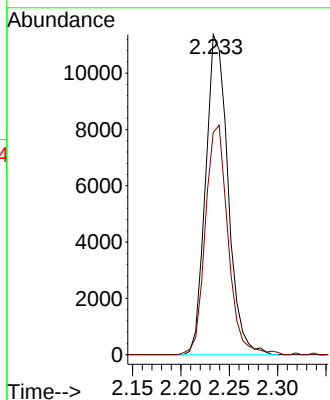
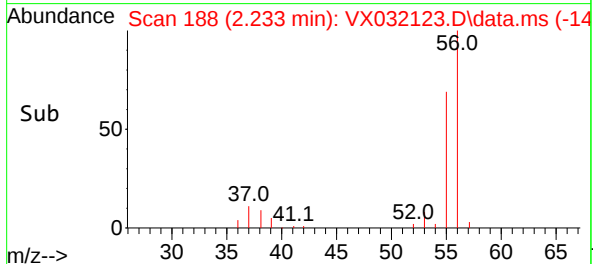
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 18324
Ion Ratio Lower Upper
56 100
55 72.6 56.0 84.0

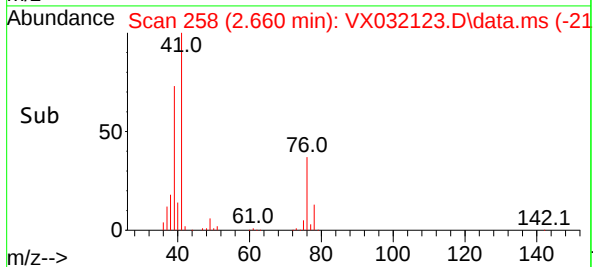
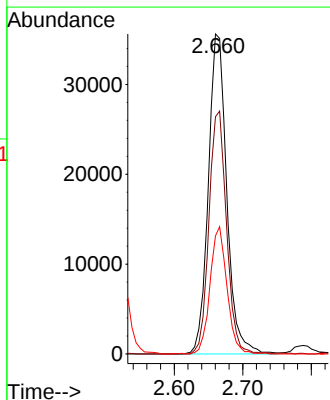
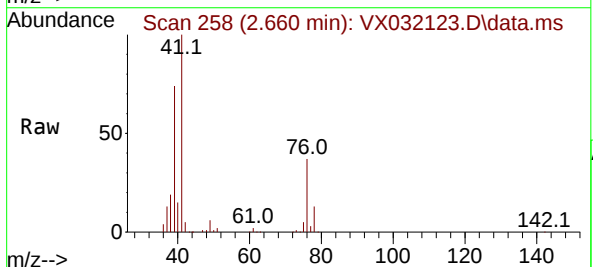
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Allyl chloride
Concen: 40.411 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

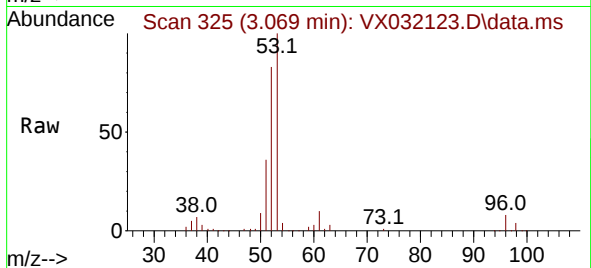
Tgt Ion: 41 Resp: 66678
Ion Ratio Lower Upper
41 100
39 72.2 58.2 87.4
76 36.6 26.9 40.3





#15
Acrylonitrile
Concen: 207.216 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

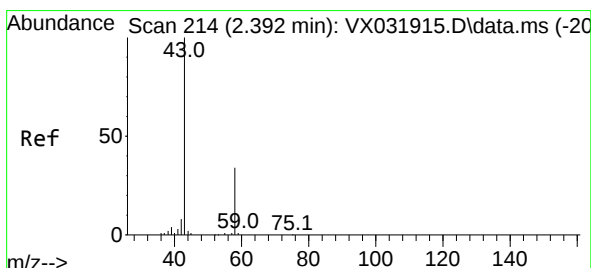
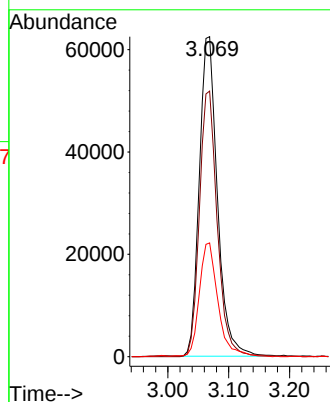
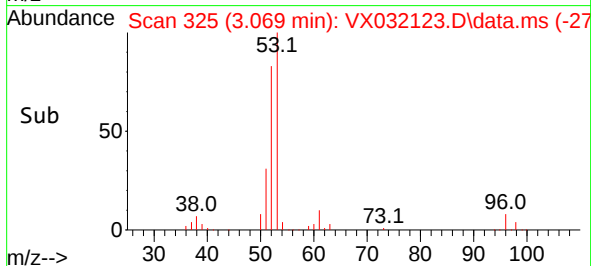
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 129219
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.8 30.0 45.0

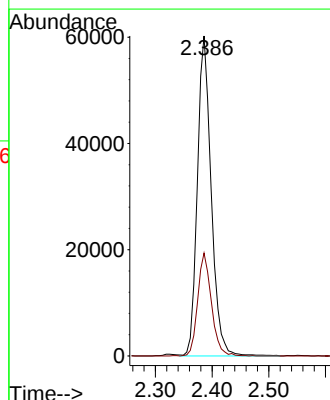
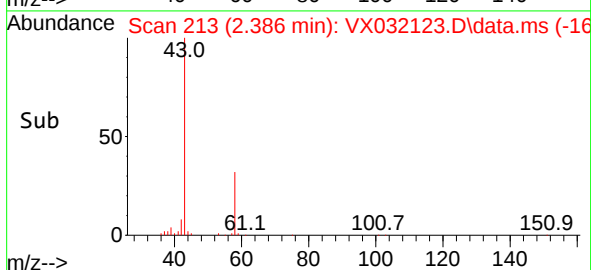
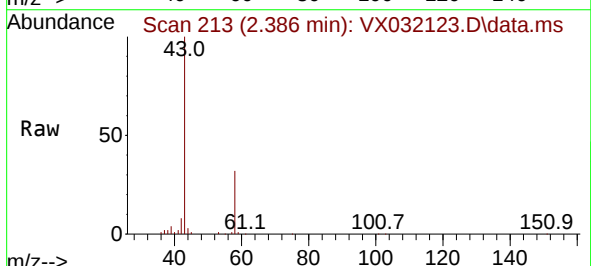
Manual Integrations
APPROVED

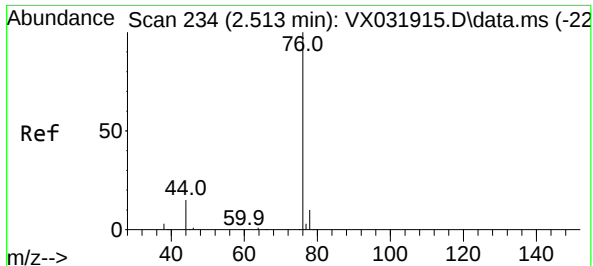
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#16
Acetone
Concen: 190.975 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion: 43 Resp: 102048
Ion Ratio Lower Upper
43 100
58 32.2 23.8 35.8





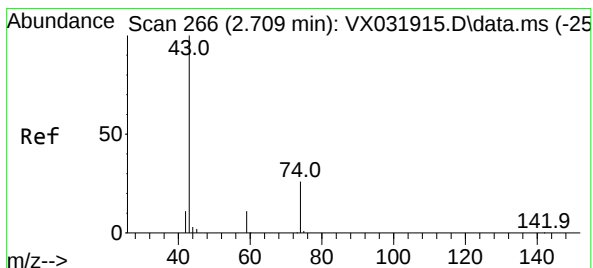
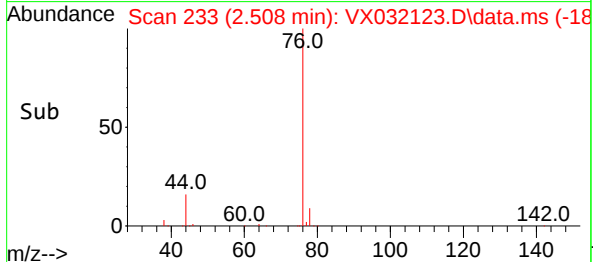
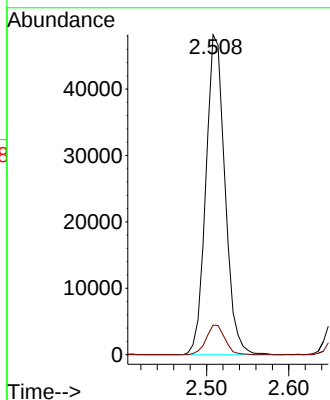
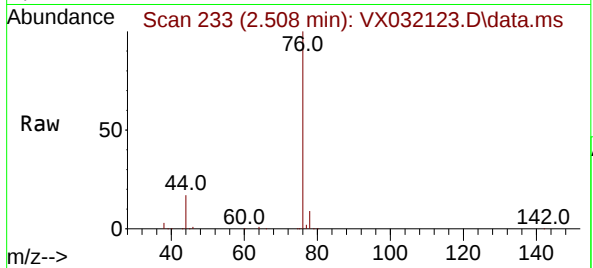
#17
Carbon Disulfide
Concen: 31.150 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 7757
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

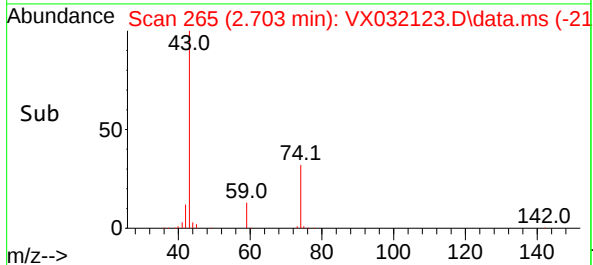
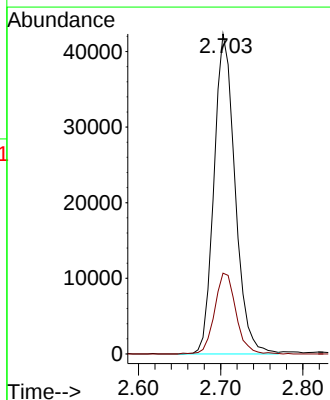
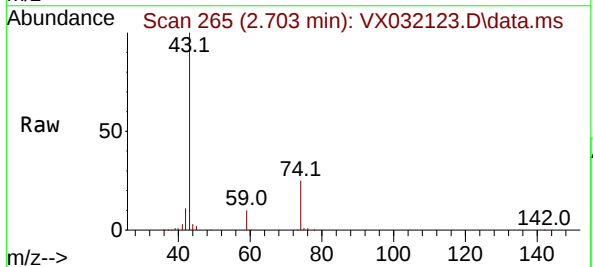
Manual Integrations
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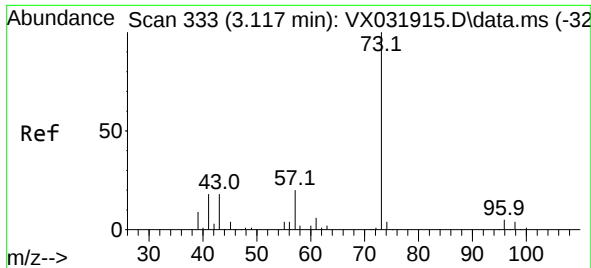
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#18
Methyl Acetate
Concen: 42.779 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion: 43 Resp: 75424
Ion Ratio Lower Upper
43 100
74 25.6 18.6 27.8





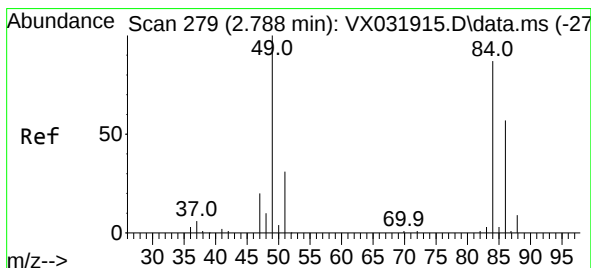
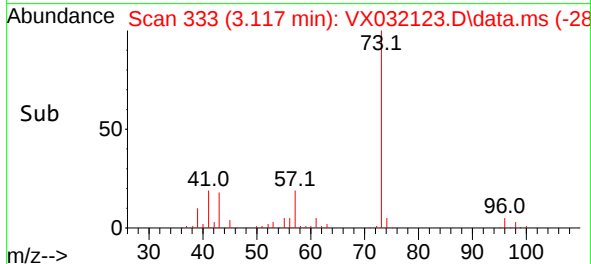
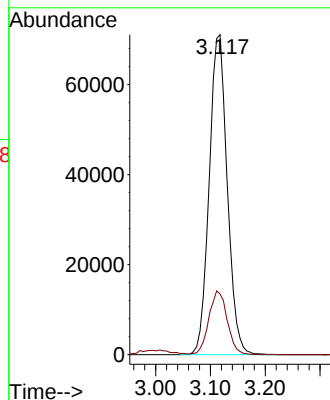
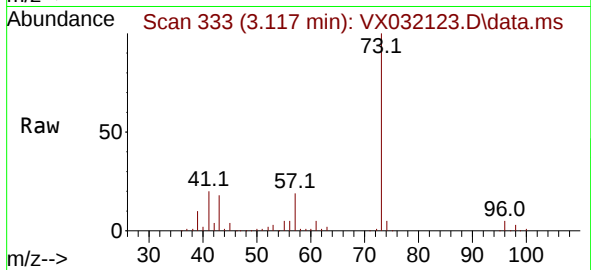
#19
Methyl tert-butyl Ether
Concen: 41.670 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 162154
Ion Ratio Lower Upper
73 100
57 19.0 17.2 25.8

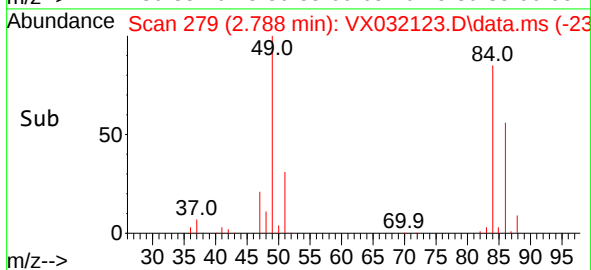
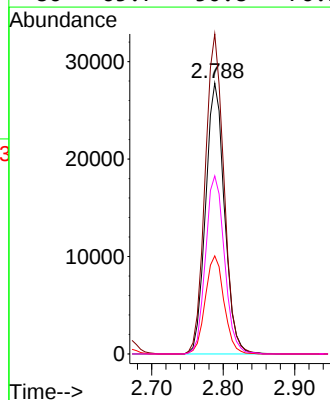
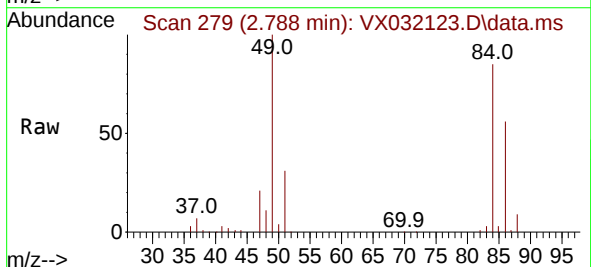
Manual Integrations
APPROVED

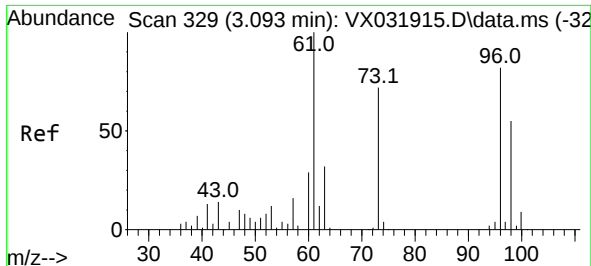
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Methylene Chloride
Concen: 36.264 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

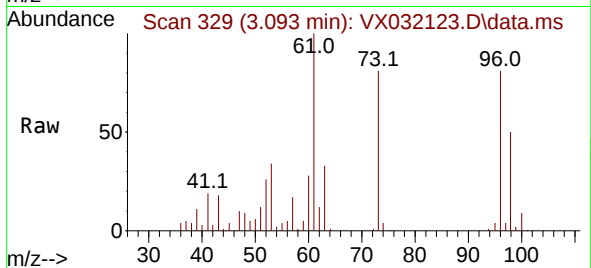
Tgt Ion: 84 Resp: 50922
Ion Ratio Lower Upper
84 100
49 118.1 105.9 158.9
51 36.2 32.2 48.2
86 65.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 37.369 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

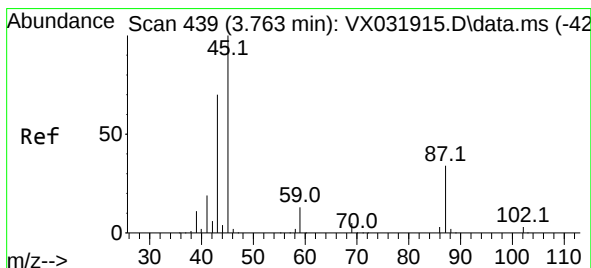
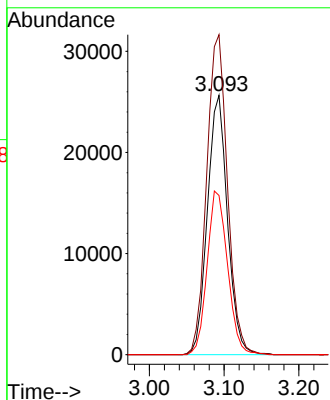
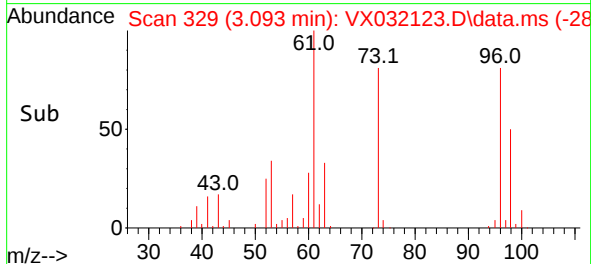
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



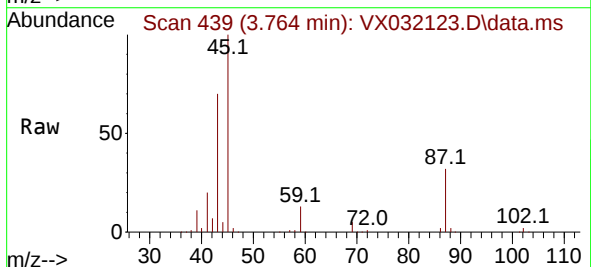
Tgt Ion: 96 Resp: 47989
Ion Ratio Lower Upper
96 100
61 123.4 106.7 160.1
98 61.4 48.7 73.1

Manual Integrations
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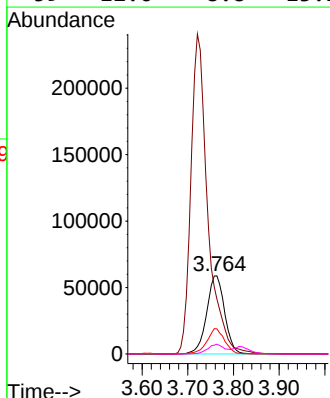
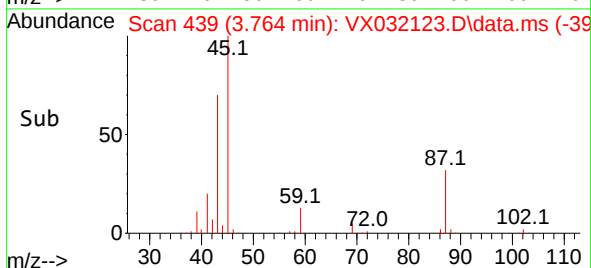
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

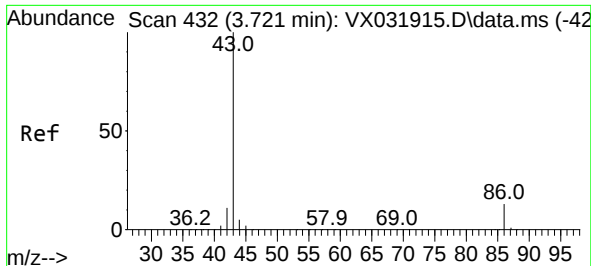


#22
Diisopropyl ether
Concen: 43.324 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



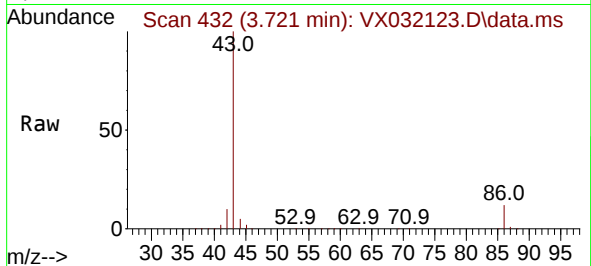
Tgt Ion: 45 Resp: 160702
Ion Ratio Lower Upper
45 100
43 69.7 59.0 88.6
87 32.2 22.6 33.8
59 12.6 8.8 13.2





#23
 Vinyl Acetate
 Concen: 222.578 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032123.D
 Acq: 13 Oct 2022 20:27

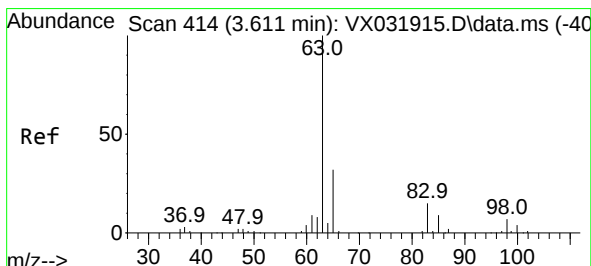
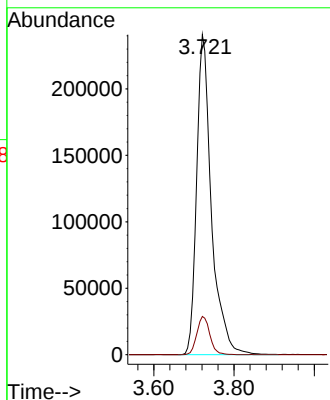
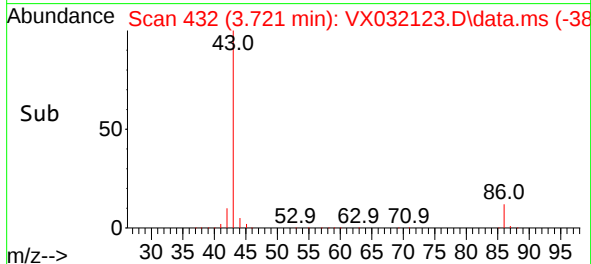
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



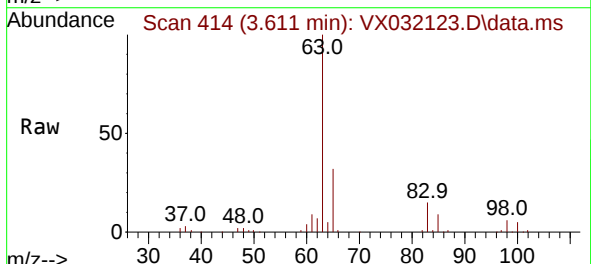
Tgt Ion: 43 Resp: 617138
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.7 13.1

Manual Integrations
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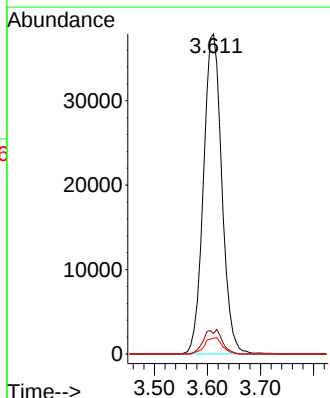
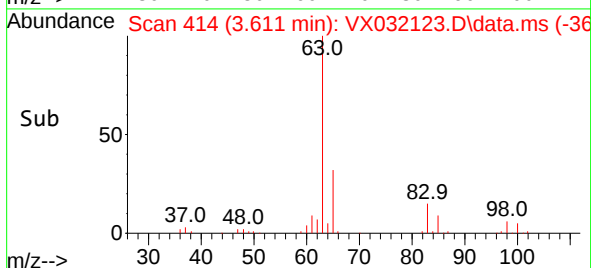
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

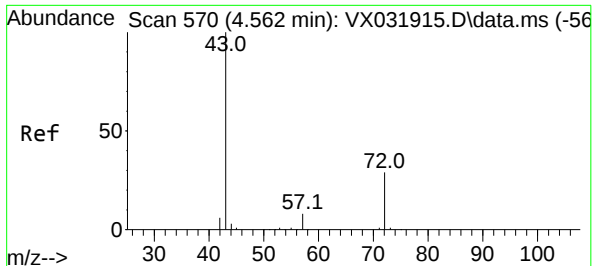


#24
 1,1-Dichloroethane
 Concen: 40.965 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032123.D
 Acq: 13 Oct 2022 20:27



Tgt Ion: 63 Resp: 91086
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 212.086 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 177159

Ion Ratio Lower Upper

43 100

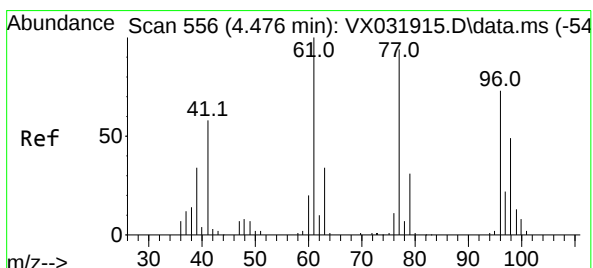
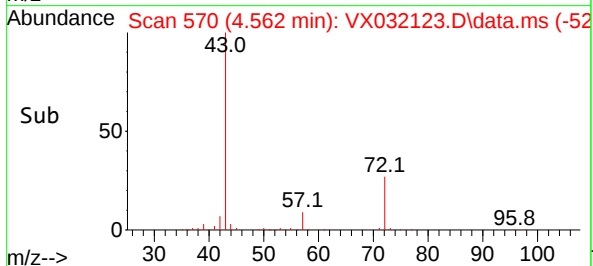
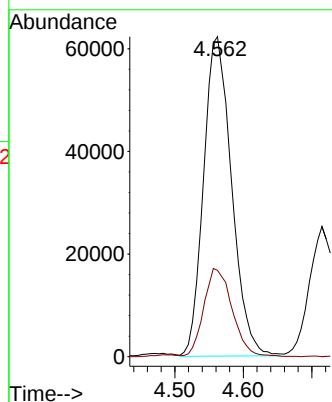
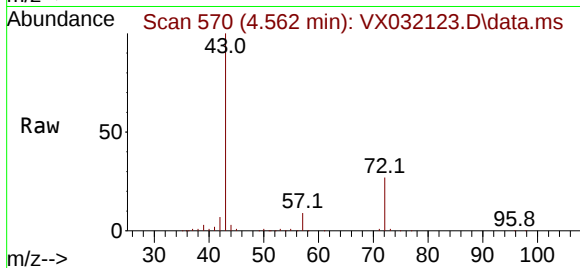
72 27.0 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#26

2,2-Dichloropropane

Concen: 39.381 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.001 min

Lab File: VX032123.D

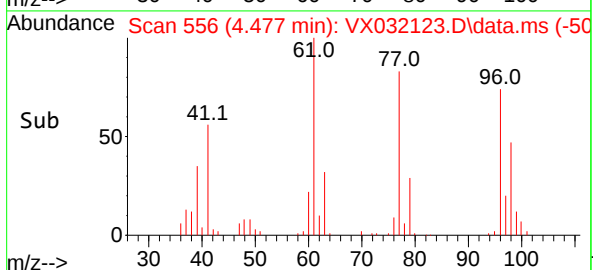
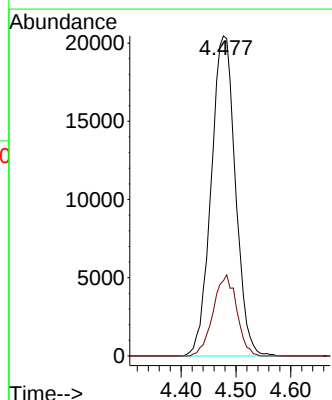
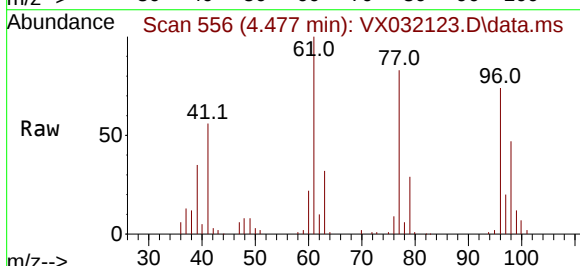
Acq: 13 Oct 2022 20:27

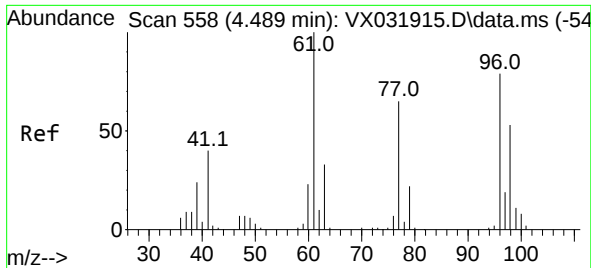
Tgt Ion: 77 Resp: 62896

Ion Ratio Lower Upper

77 100

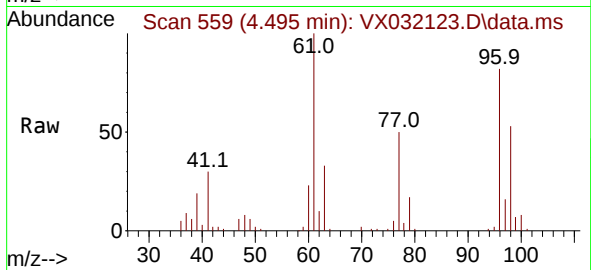
97 24.6 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 39.786 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX032123.D
 Acq: 13 Oct 2022 20:27

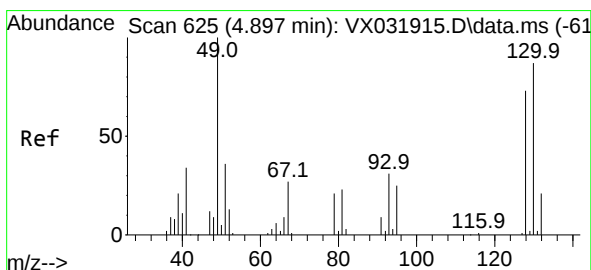
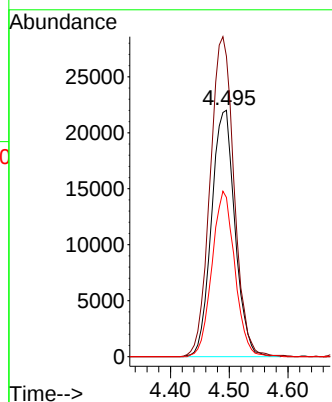
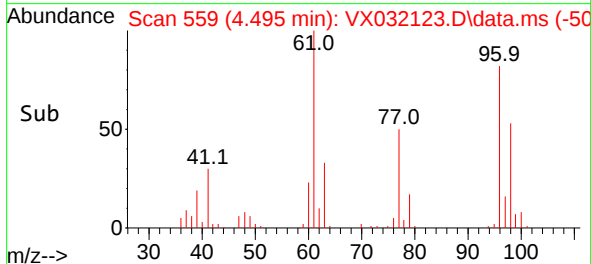
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 6113
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 305.2
 98 65.4 0.0 128.4

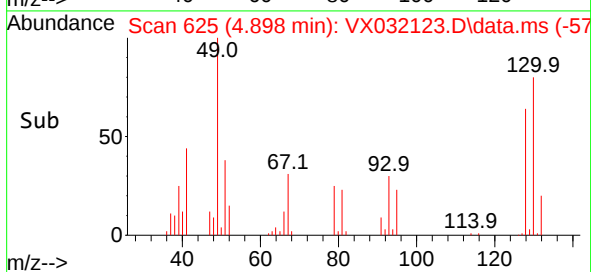
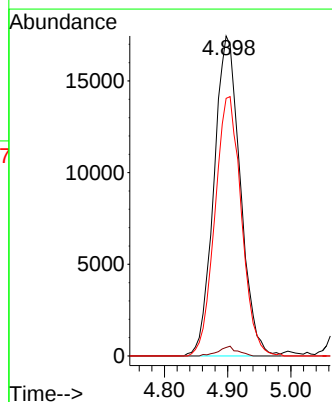
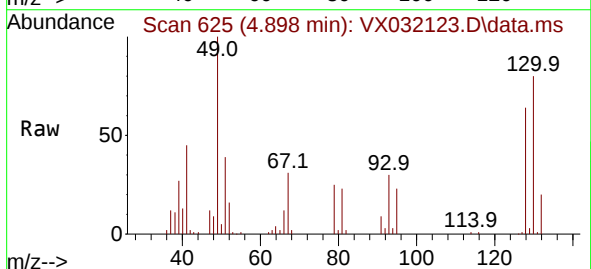
Manual Integrations
 APPROVED

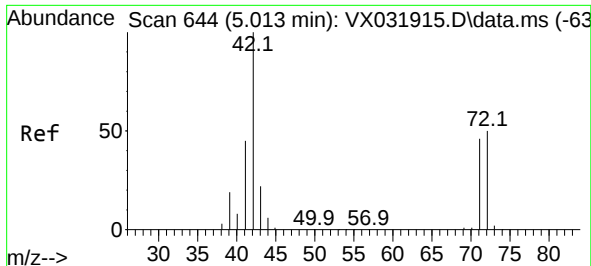
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#28
 Bromochloromethane
 Concen: 53.081 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX032123.D
 Acq: 13 Oct 2022 20:27

Tgt Ion: 49 Resp: 50519
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 81.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 265.744 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

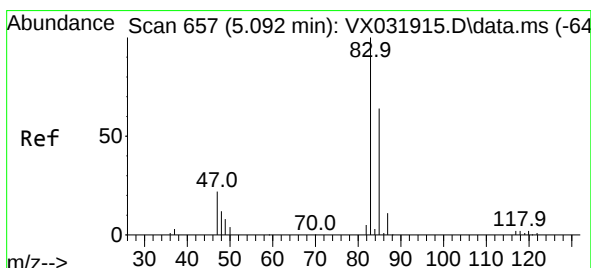
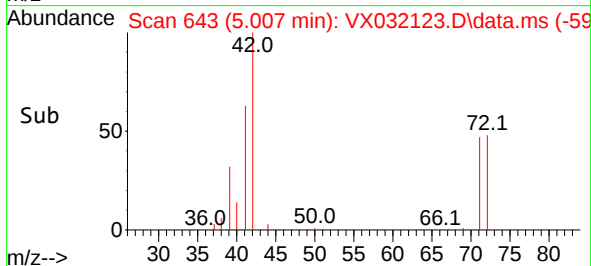
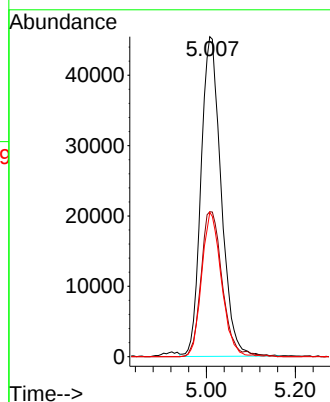
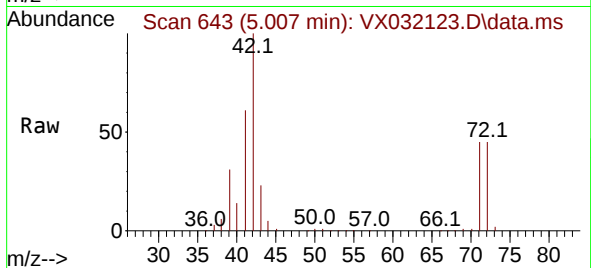
Tgt Ion:	42	Resp:	14322
Ion	Ratio	Lower	Upper
42	100		
72	48.2	36.4	54.6
71	44.4	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#30

Chloroform

Concen: 53.698 ug/l

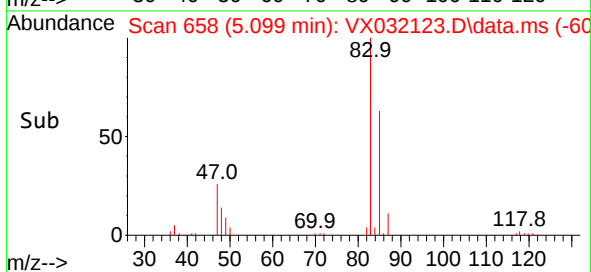
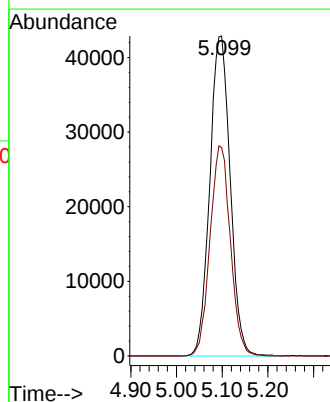
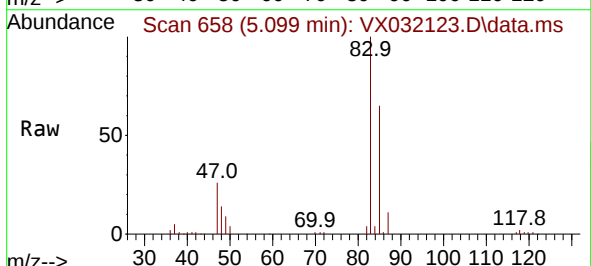
RT: 5.099 min Scan# 658

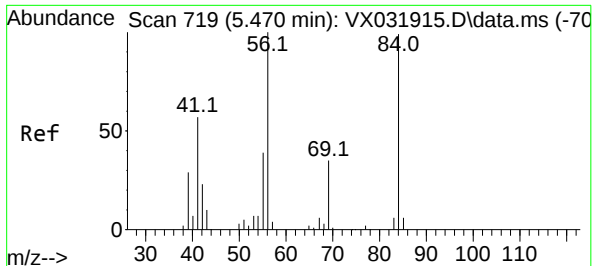
Delta R.T. 0.007 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

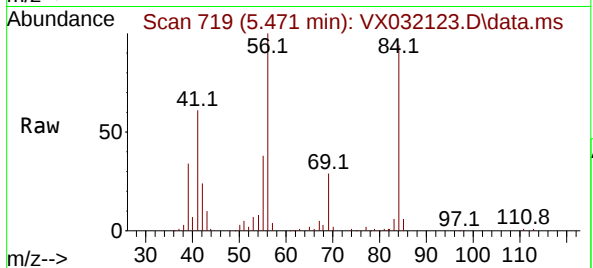
Tgt Ion:	83	Resp:	132997
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.8	79.2





#31
Cyclohexane
Concen: 48.682 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

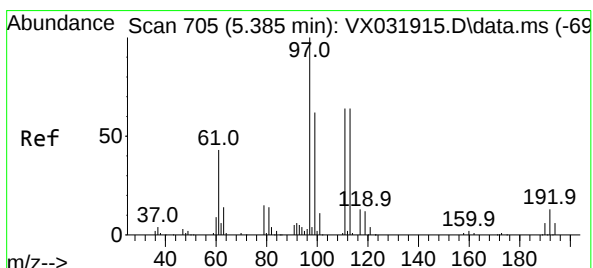
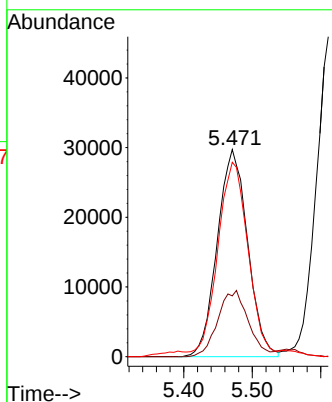
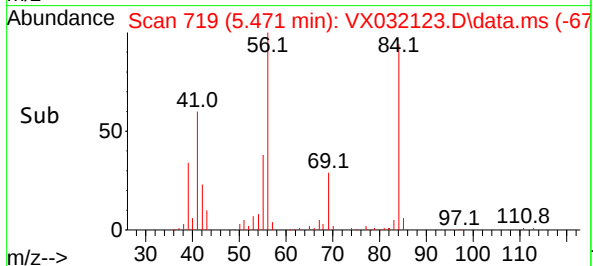
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 91438
Ion Ratio Lower Upper
56 100
69 29.4 25.1 37.7
84 91.2 70.2 105.4

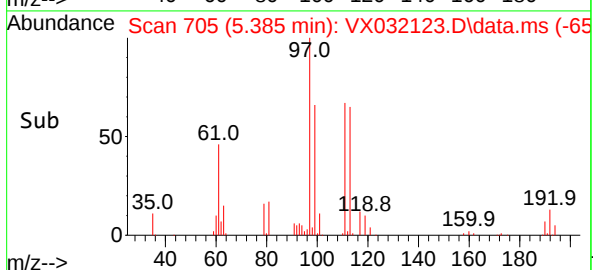
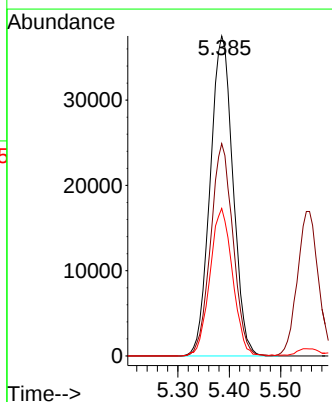
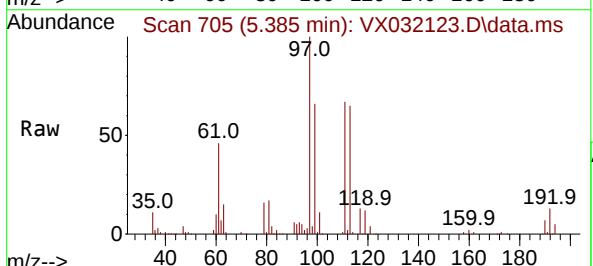
Manual Integrations
APPROVED

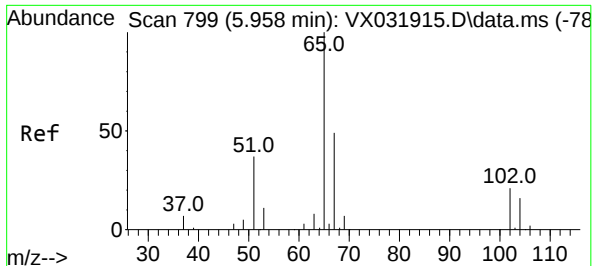
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#32
1,1,1-Trichloroethane
Concen: 54.953 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion: 97 Resp: 115660
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 45.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 59.687 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9384

Ion Ratio Lower Upper

65 100

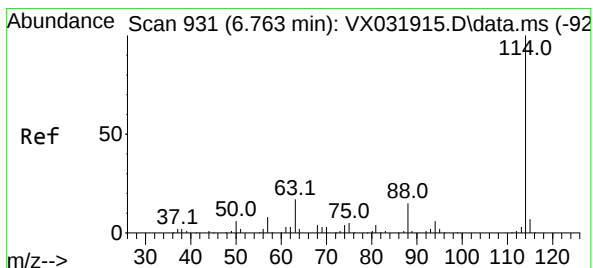
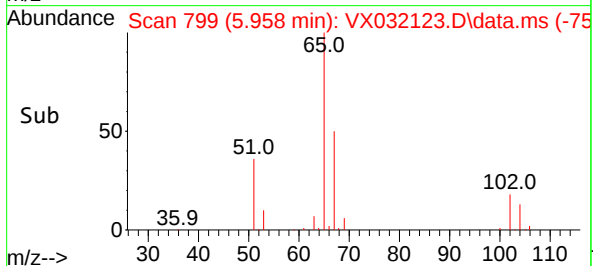
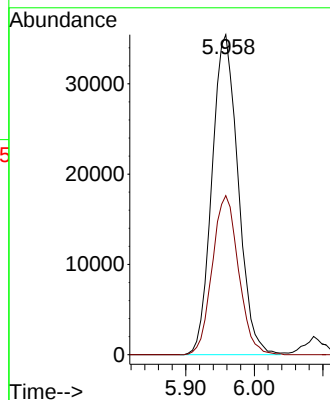
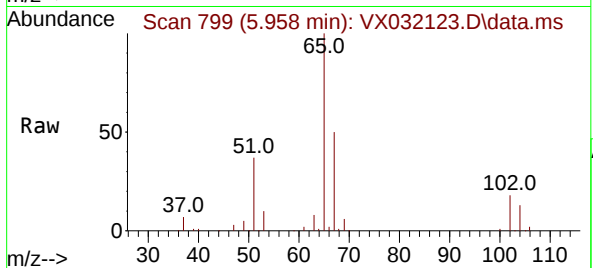
67 49.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

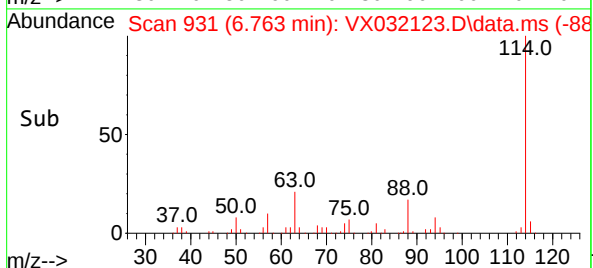
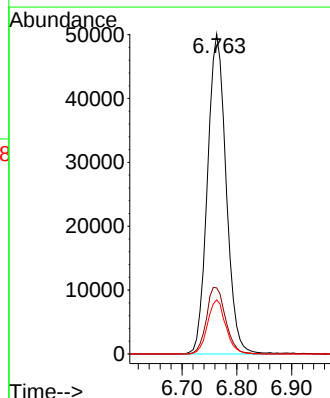
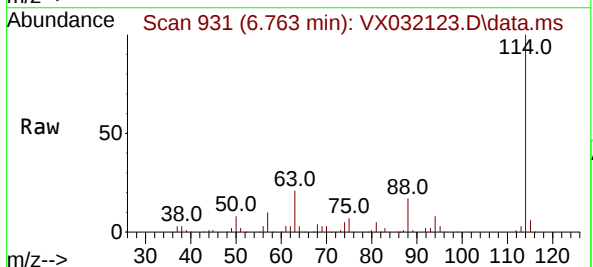
Tgt Ion:114 Resp: 118029

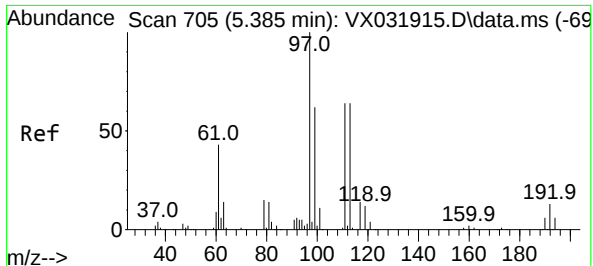
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.041 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 70864

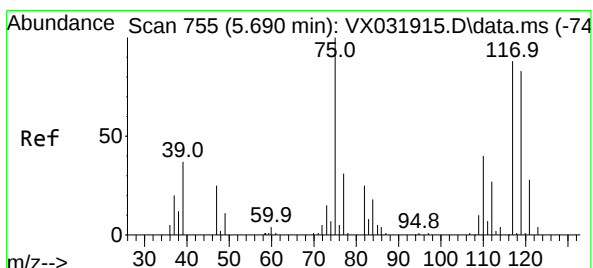
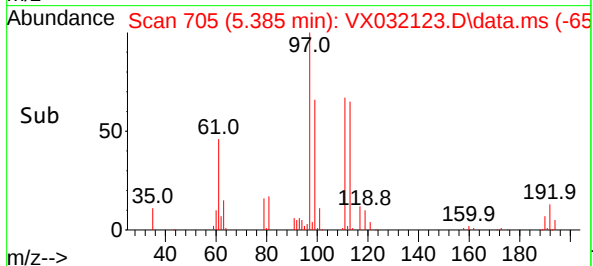
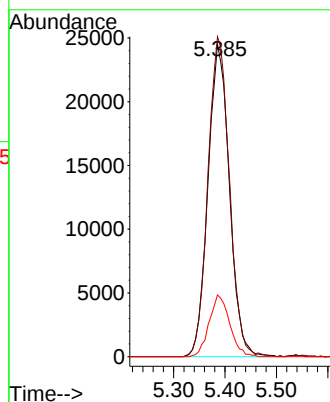
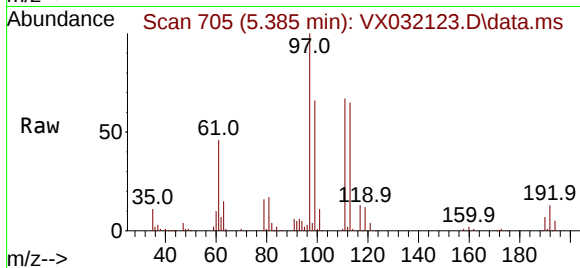
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	19.0	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#36

1,1-Dichloropropene

Concen: 50.873 ug/l

RT: 5.696 min Scan# 756

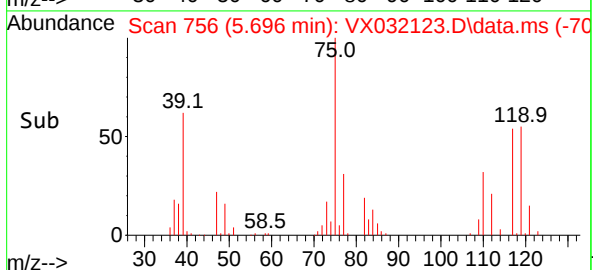
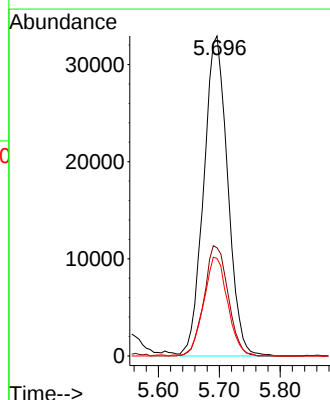
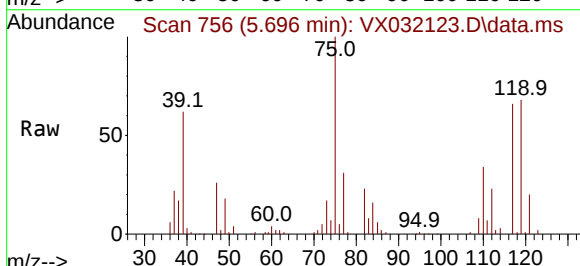
Delta R.T. 0.006 min

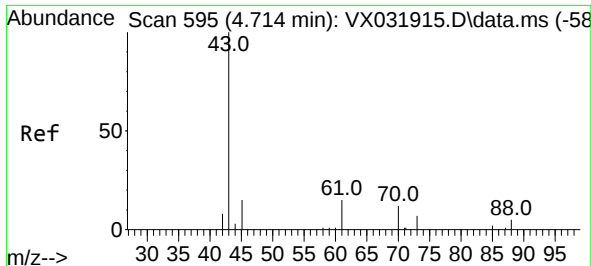
Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Tgt Ion: 75 Resp: 90128

Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.5	52.5
77	30.9	24.9	37.3





#37

Ethyl Acetate

Concen: 42.990 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

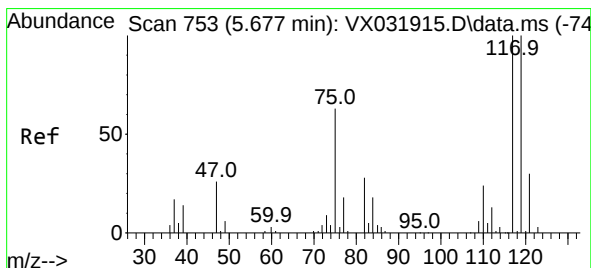
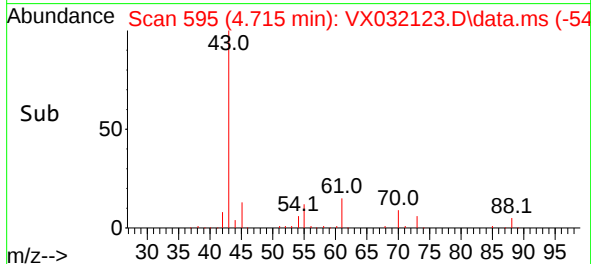
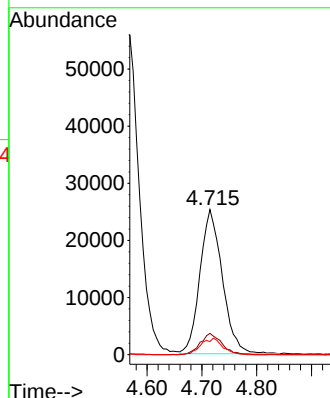
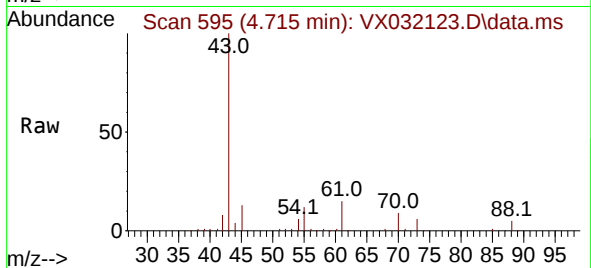
Tgt Ion:	43	Resp:	71704
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Carbon Tetrachloride

Concen: 54.351 ug/l

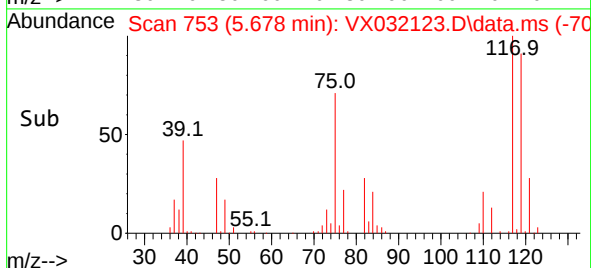
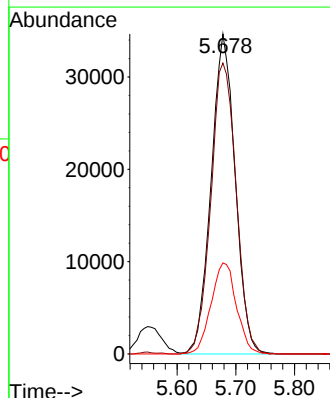
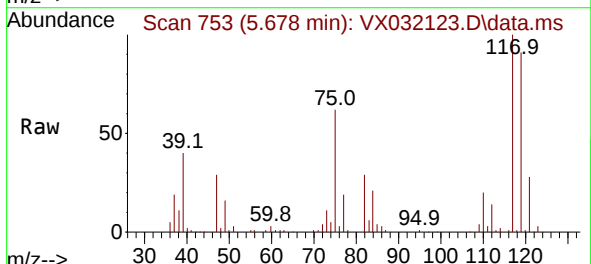
RT: 5.678 min Scan# 753

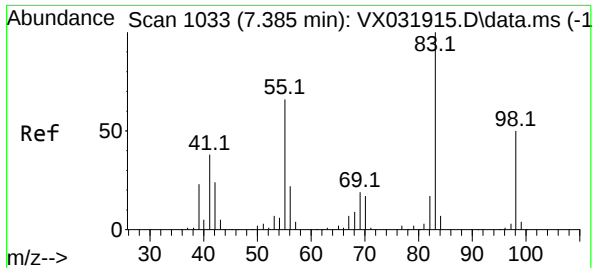
Delta R.T. 0.001 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Tgt Ion:	117	Resp:	98454
Ion	Ratio	Lower	Upper
117	100		
119	90.9	74.6	112.0
121	28.5	25.3	37.9





#39

Methylcyclohexane

Concen: 48.680 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10287

Ion Ratio Lower Upper

83 100

55 77.7 61.0 91.4

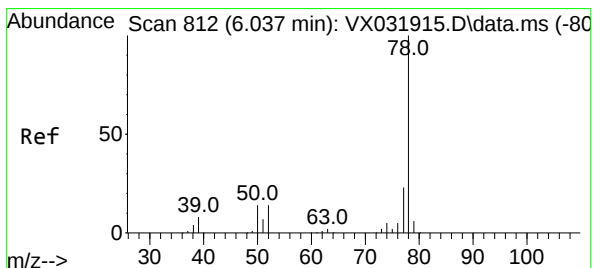
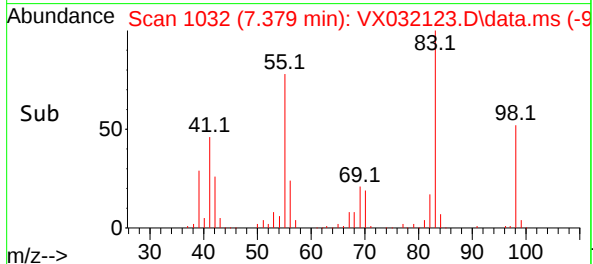
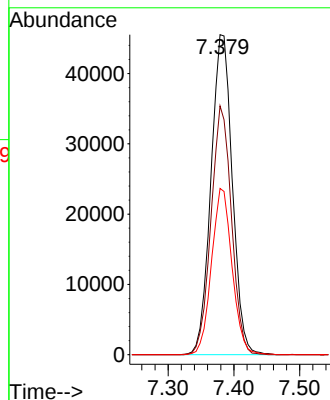
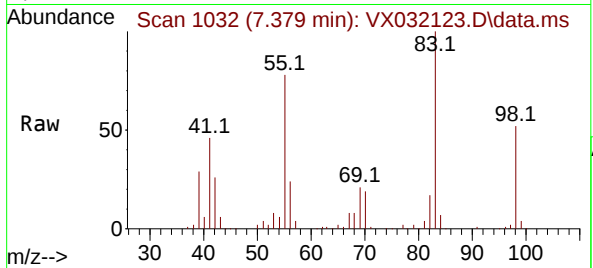
98 52.0 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Benzene

Concen: 49.471 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX032123.D

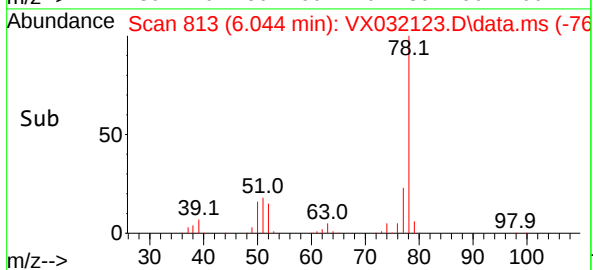
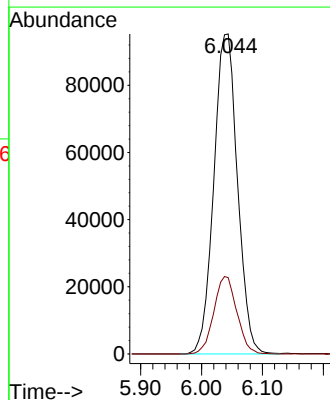
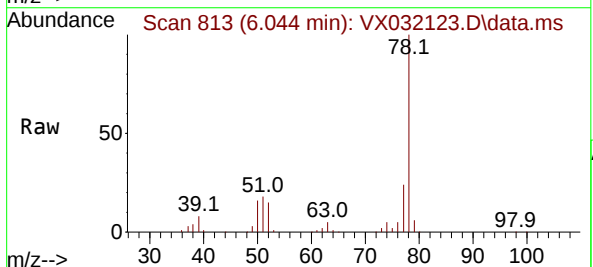
Acq: 13 Oct 2022 20:27

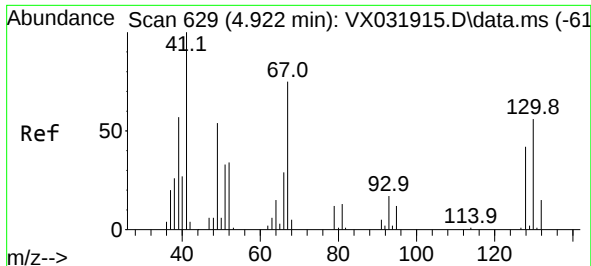
Tgt Ion: 78 Resp: 256644

Ion Ratio Lower Upper

78 100

77 23.9 18.7 28.1





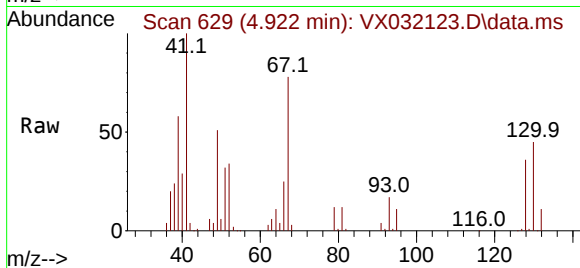
#41
Methacrylonitrile
Concen: 59.782 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



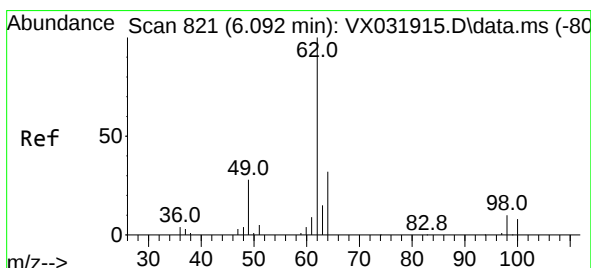
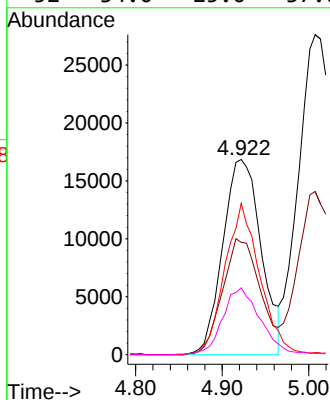
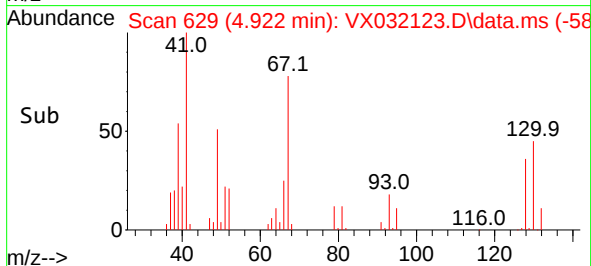
Tgt Ion: 41 Resp: 5185
Ion Ratio Lower Upper
41 100
39 58.7 45.0 67.6
67 71.1 58.2 87.4
52 34.0 25.0 37.6

Manual Integrations

APPROVED

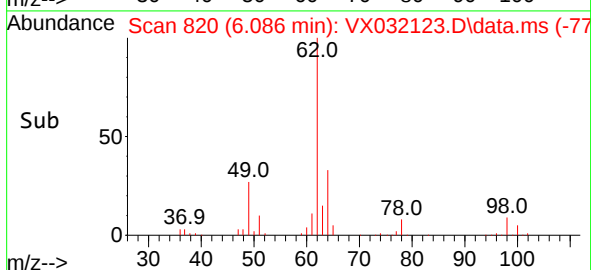
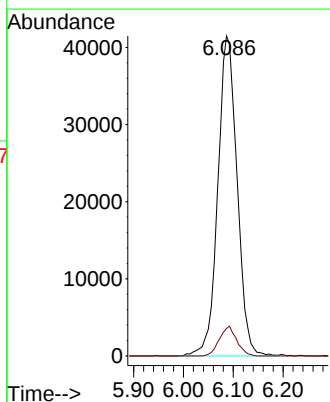
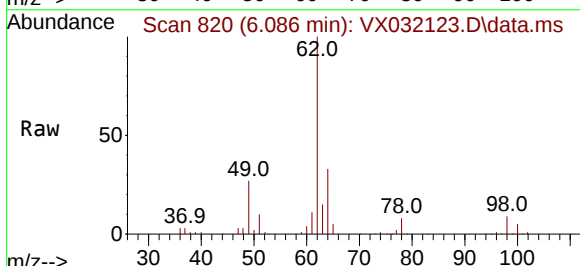
Reviewed By :John Carlone 10/14/2022

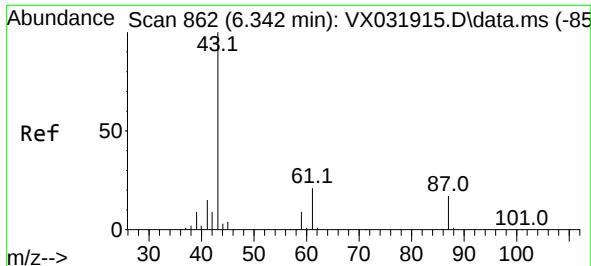
Supervised By :Mahesh Dadoda 10/14/2022



#42
1,2-Dichloroethane
Concen: 58.946 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion: 62 Resp: 111433
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.8





#43

Isopropyl Acetate

Concen: 59.969 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032123.D

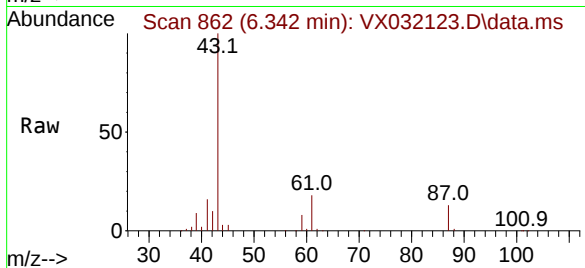
Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



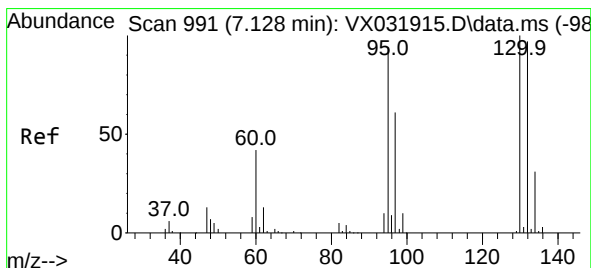
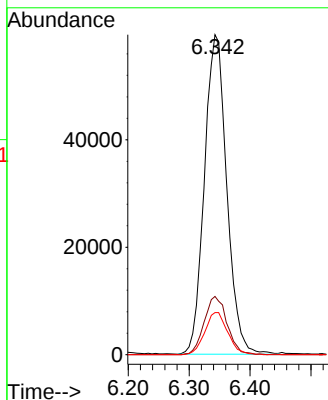
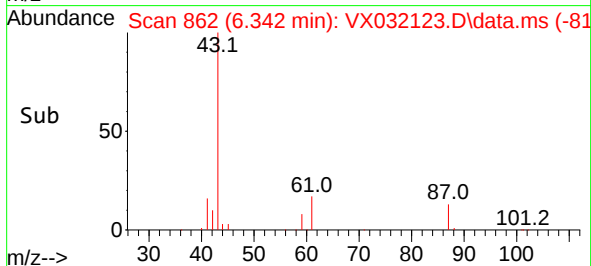
Tgt Ion:	43	Resp:	151758
Ion Ratio	Lower	Upper	
43	100		
61	18.7	15.3	22.9
87	13.5	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#44

Trichloroethene

Concen: 47.266 ug/l

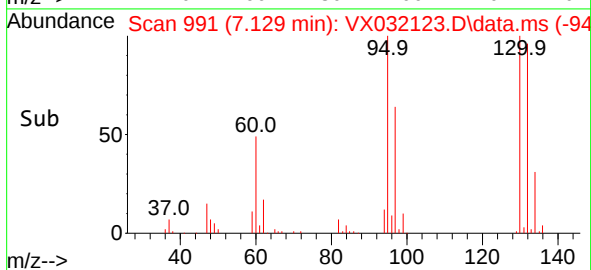
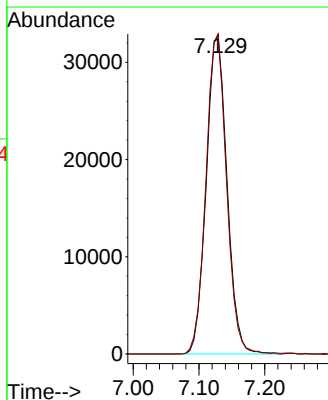
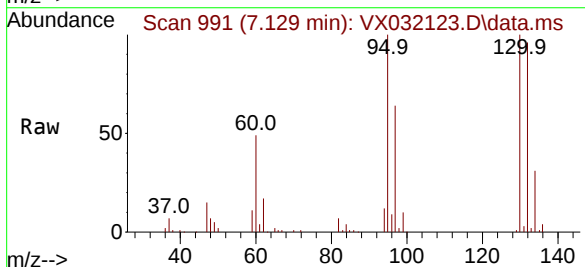
RT: 7.129 min Scan# 991

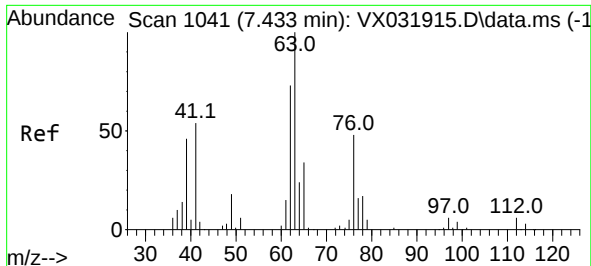
Delta R.T. 0.001 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Tgt Ion:	130	Resp:	71897
Ion Ratio	Lower	Upper	
130	100		
95	100.3	0.0	206.8





#45

1,2-Dichloropropane

Concen: 52.417 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.005 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6682

Ion Ratio Lower Upper

63 100

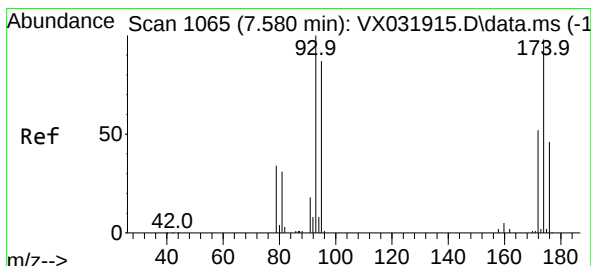
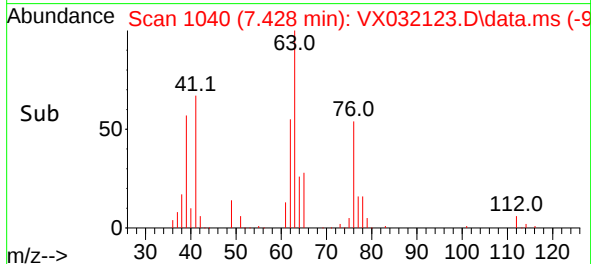
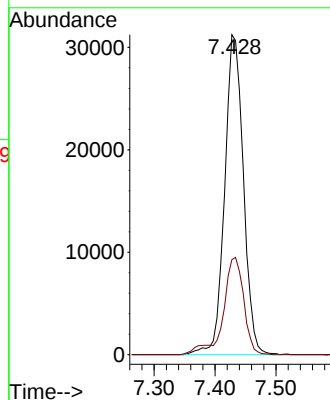
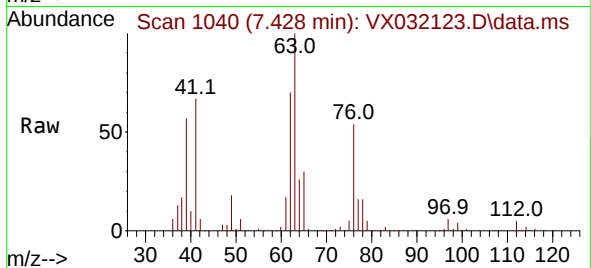
65 29.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Dibromomethane

Concen: 51.451 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

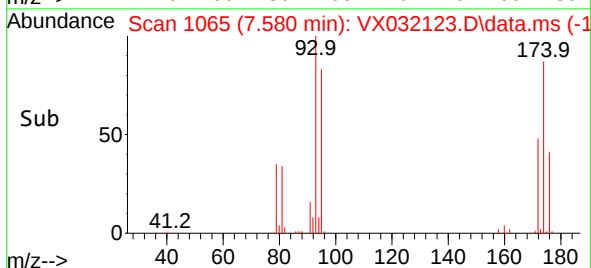
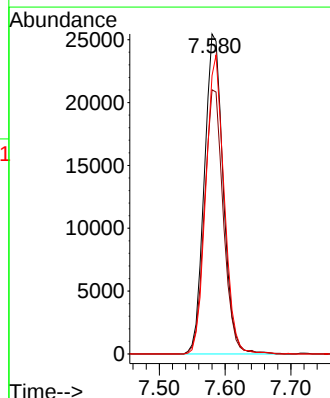
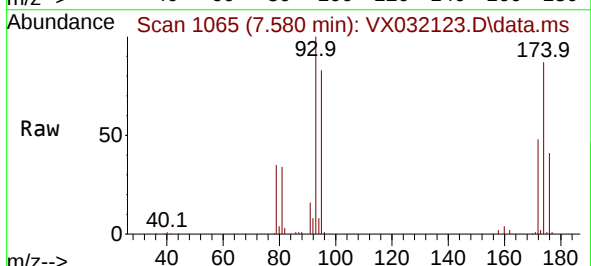
Tgt Ion: 93 Resp: 50836

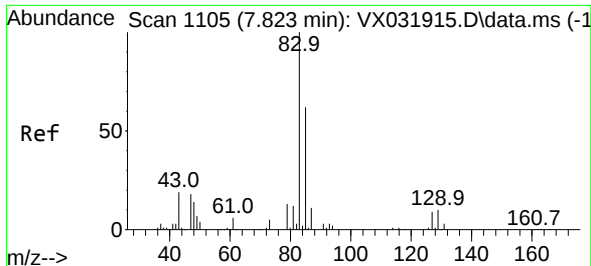
Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

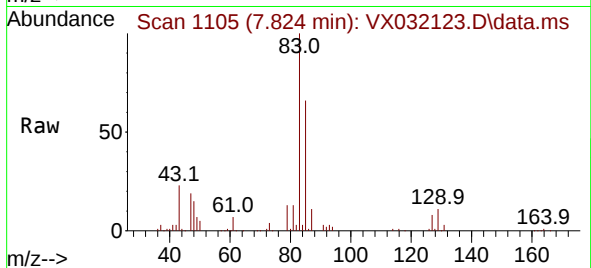
174 90.6 67.6 101.4





#47
Bromodichloromethane
Concen: 58.681 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

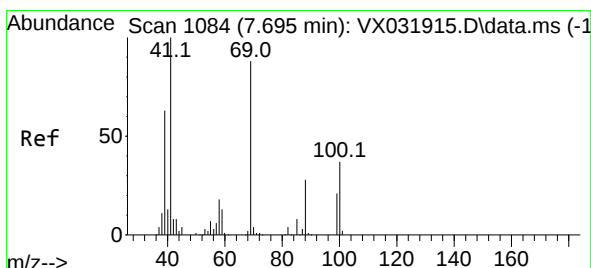
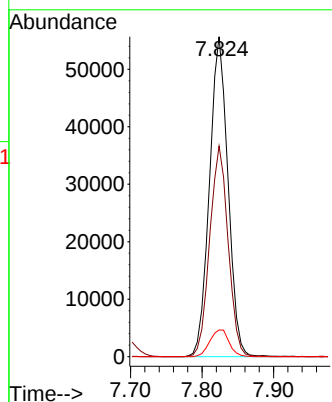
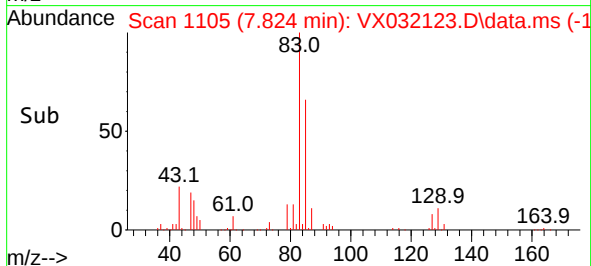
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 100159
Ion Ratio Lower Upper
83 100
85 65.8 51.0 76.6
127 8.4 7.0 10.6

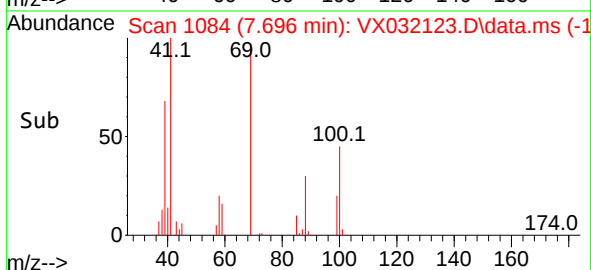
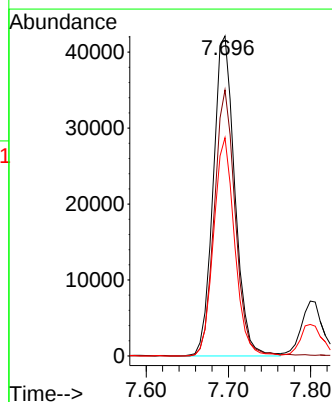
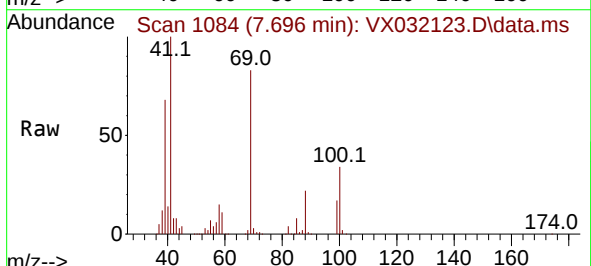
Manual Integrations
APPROVED

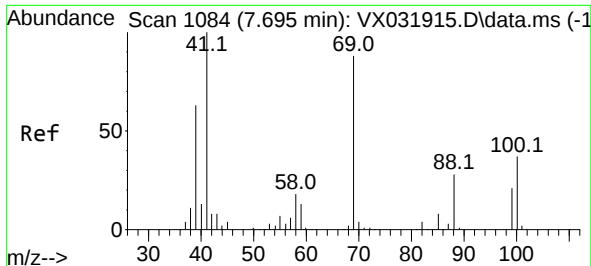
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
Methyl methacrylate
Concen: 63.650 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion: 41 Resp: 76968
Ion Ratio Lower Upper
41 100
69 80.8 64.6 96.8
39 66.3 51.4 77.0





#49

1,4-Dioxane

Concen: 977.889 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.005 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

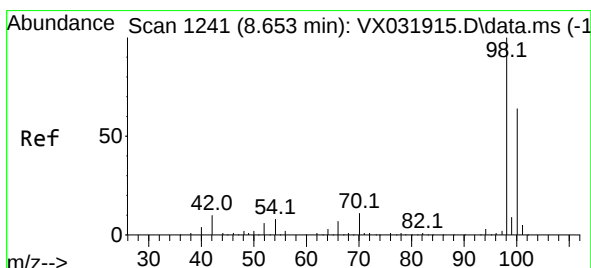
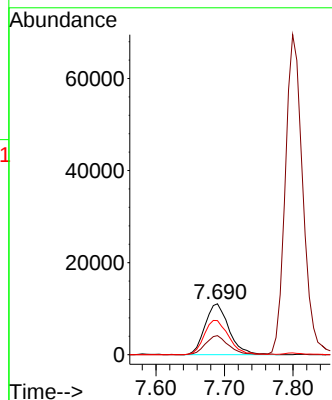
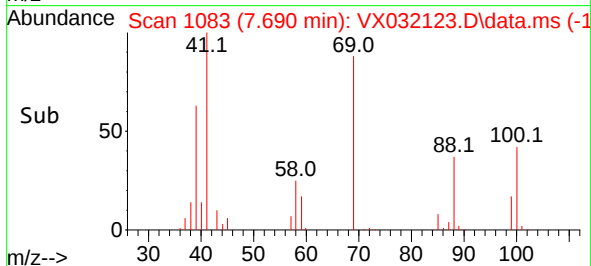
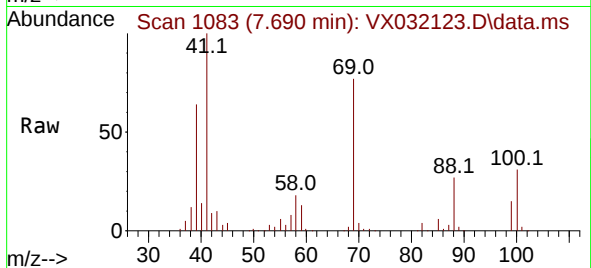
Tgt Ion: 88 Resp: 26792
 Ion Ratio Lower Upper
 88 100
 43 36.2 27.1 40.7
 58 68.8 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#50

Toluene-d8

Concen: 52.376 ug/l

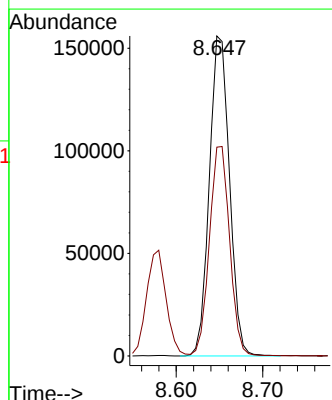
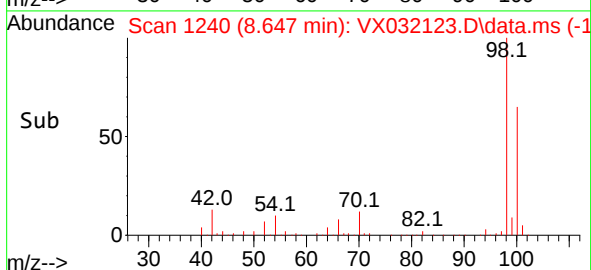
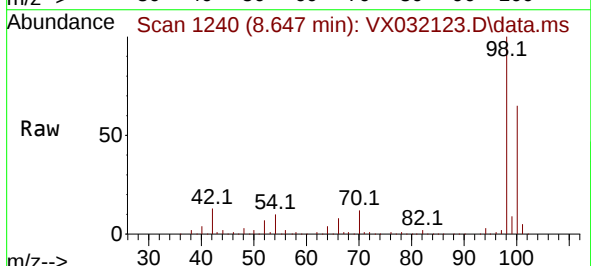
RT: 8.647 min Scan# 1240

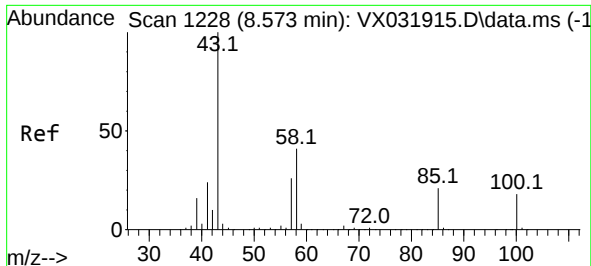
Delta R.T. -0.006 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

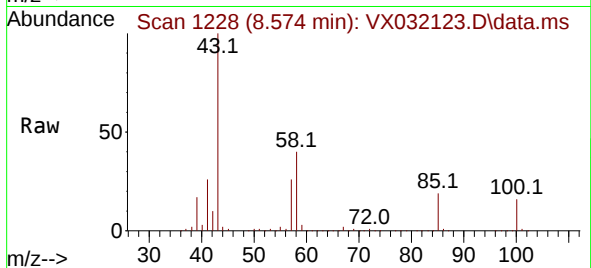
Tgt Ion: 98 Resp: 251795
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 288.180 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

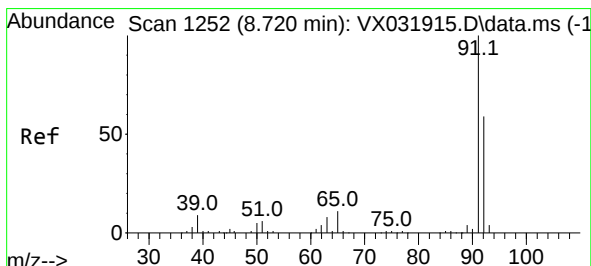
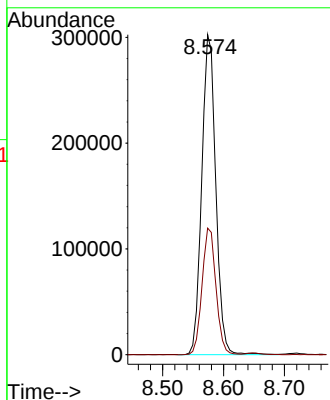
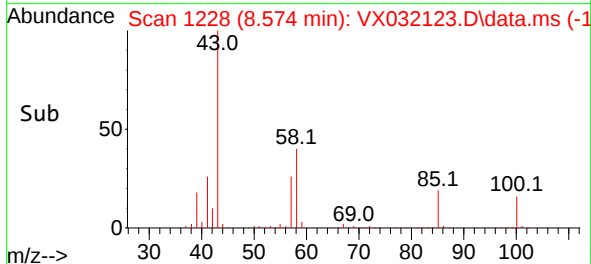
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



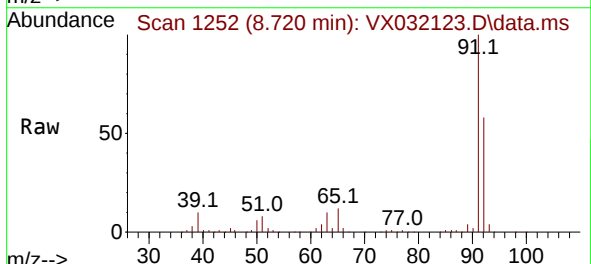
Tgt Ion: 43 Resp: 483278
Ion Ratio Lower Upper
43 100
58 39.3 30.6 46.0

Manual Integrations
APPROVED

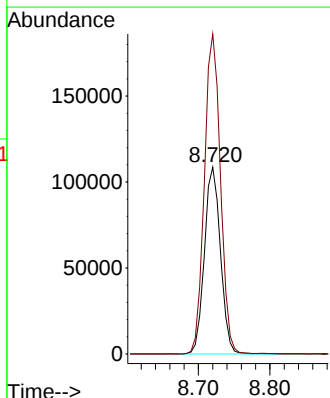
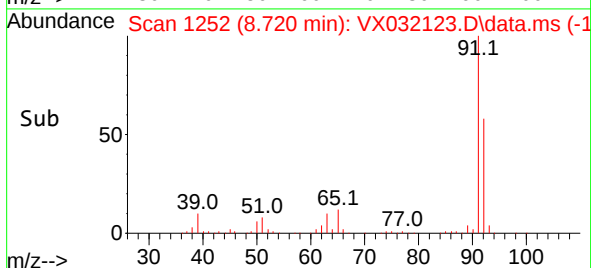
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

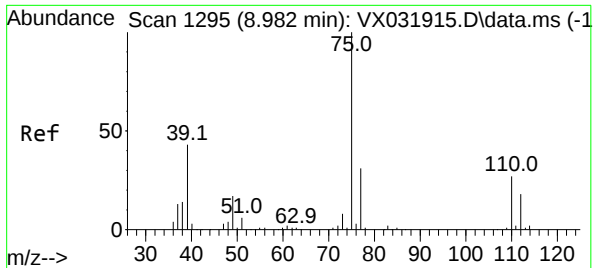


#52
Toluene
Concen: 49.861 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



Tgt Ion: 92 Resp: 169123
Ion Ratio Lower Upper
92 100
91 171.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 54.060 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 99514

Ion Ratio Lower Upper

75 100

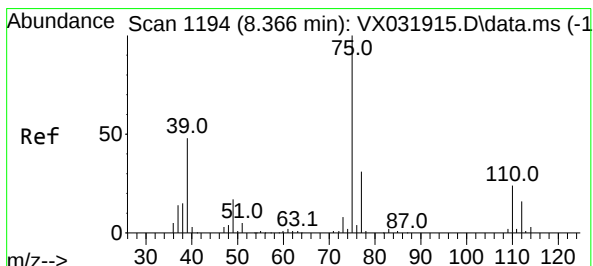
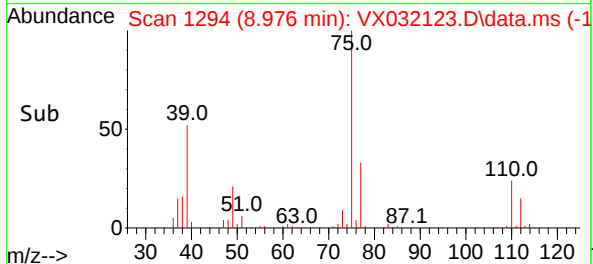
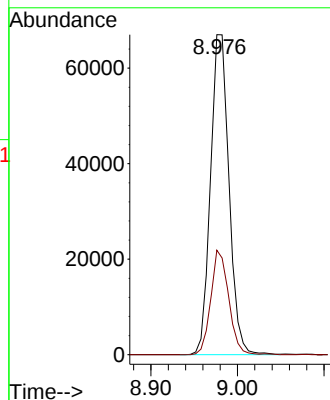
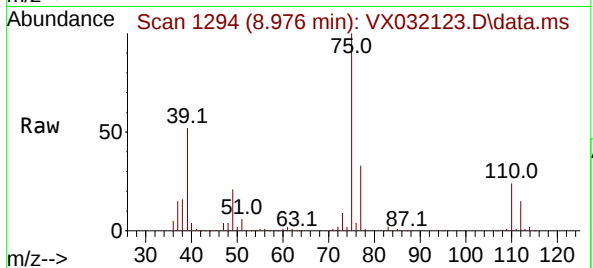
77 32.7 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#54

cis-1,3-Dichloropropene

Concen: 58.188 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

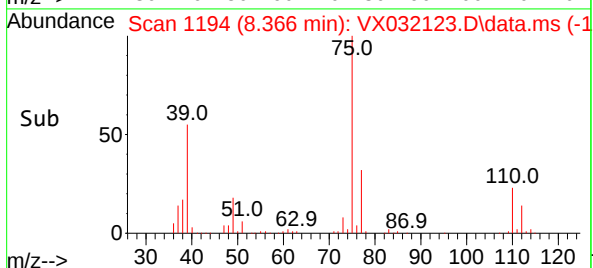
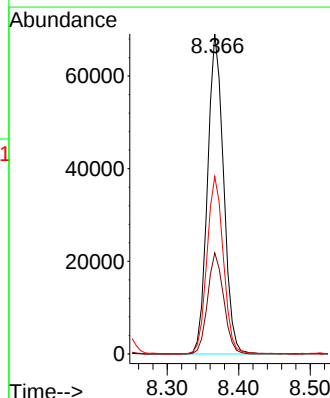
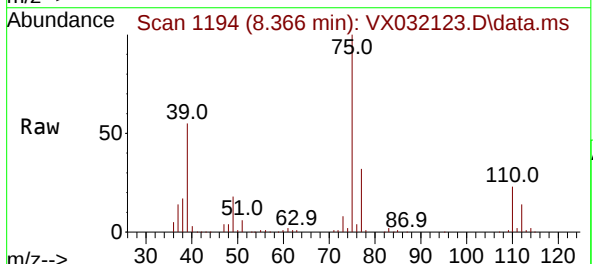
Tgt Ion: 75 Resp: 107558

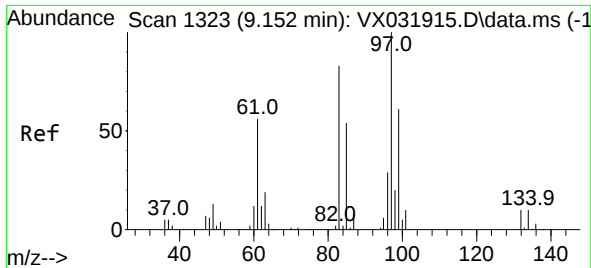
Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6

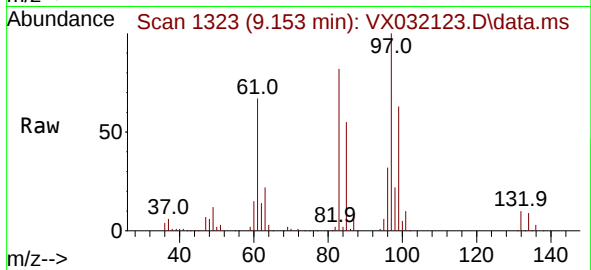
39 55.4 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 51.306 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

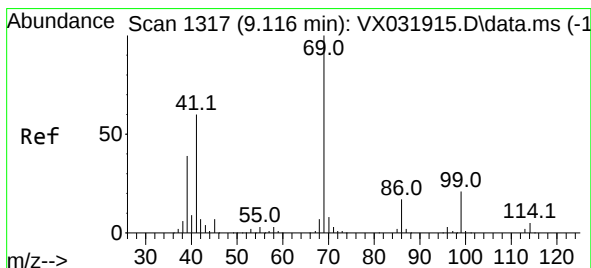
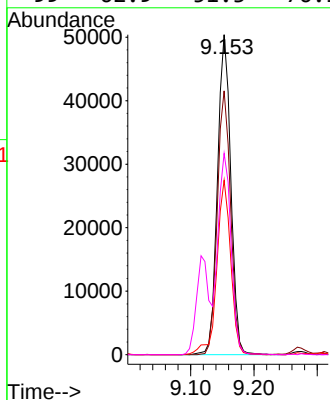
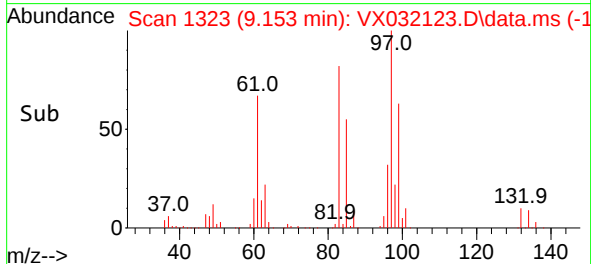


Tgt Ion: 97 Resp: 73450

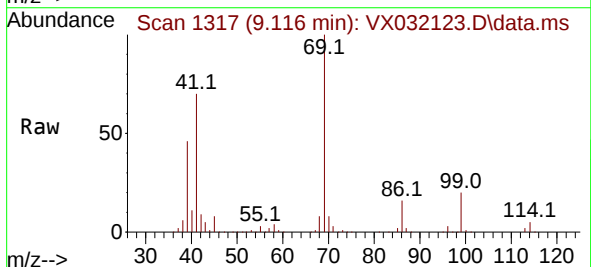
Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.0	103.6
85	54.5	44.1	66.1
99	62.9	51.3	76.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

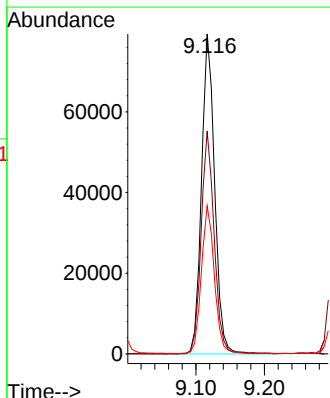
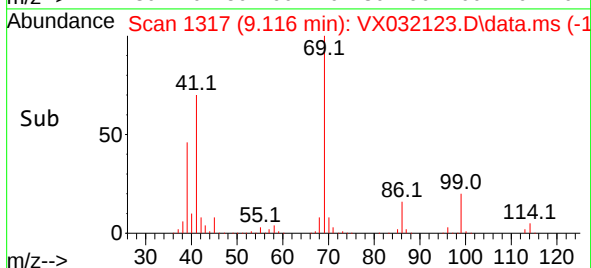


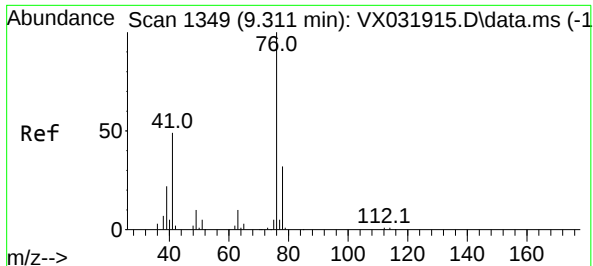
#56
Ethyl methacrylate
Concen: 57.748 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



Tgt Ion: 69 Resp: 105972

Ion	Ratio	Lower	Upper
69	100		
41	68.7	54.2	81.4
39	46.2	34.2	51.2





#57

1,3-Dichloropropane

Concen: 52.834 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 121540

Ion Ratio Lower Upper

76 100

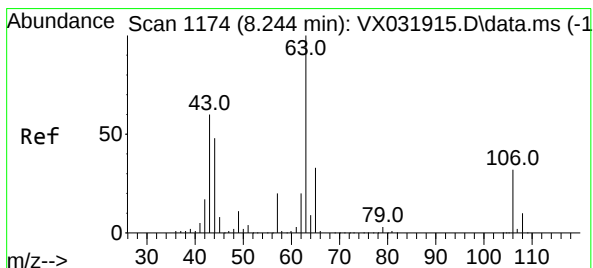
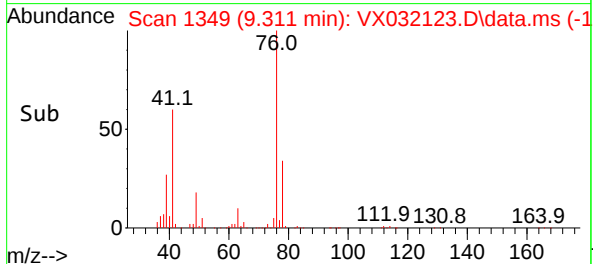
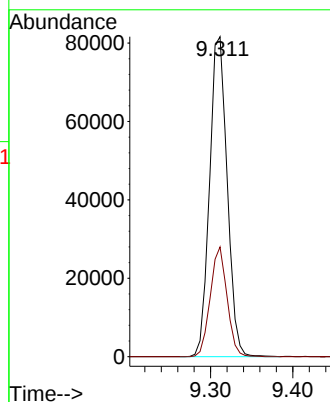
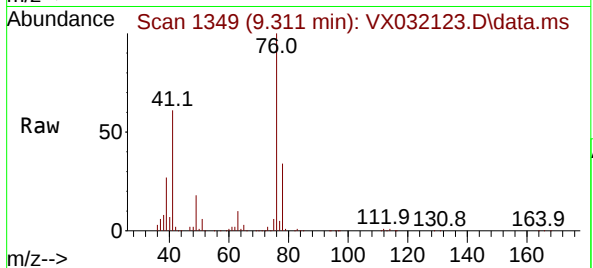
78 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 290.578 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX032123.D

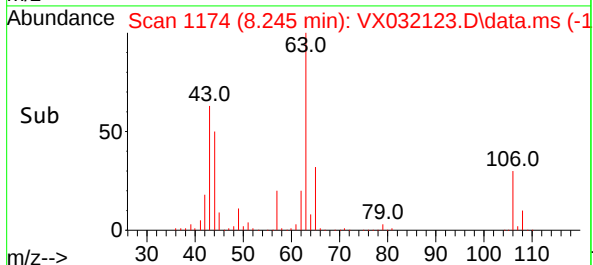
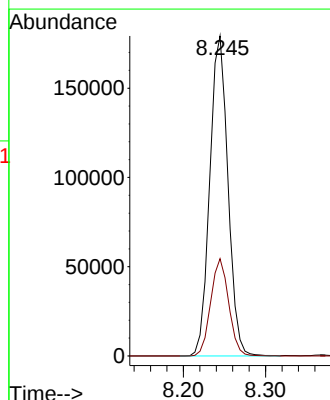
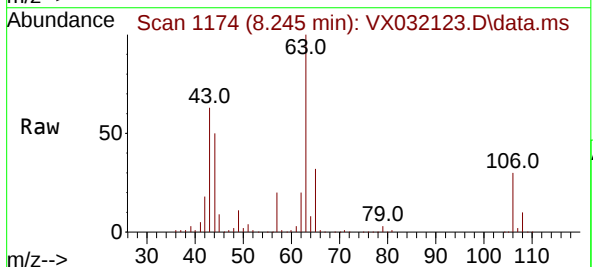
Acq: 13 Oct 2022 20:27

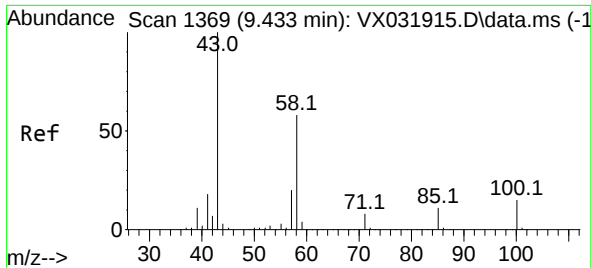
Tgt Ion: 63 Resp: 275254

Ion Ratio Lower Upper

63 100

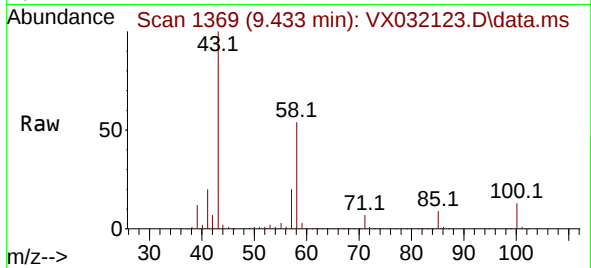
106 30.0 22.6 34.0





#59
2-Hexanone
Concen: 291.385 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

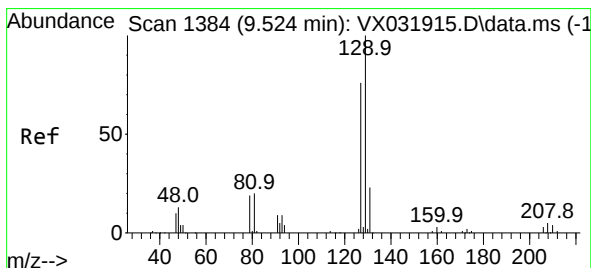
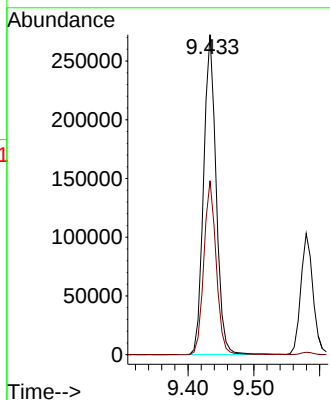
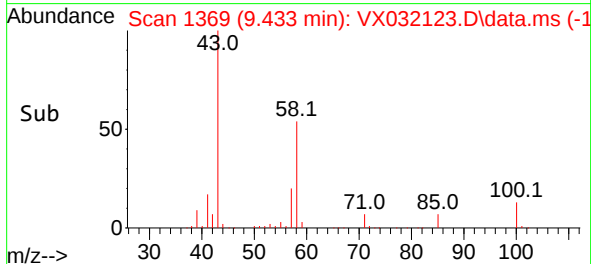
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



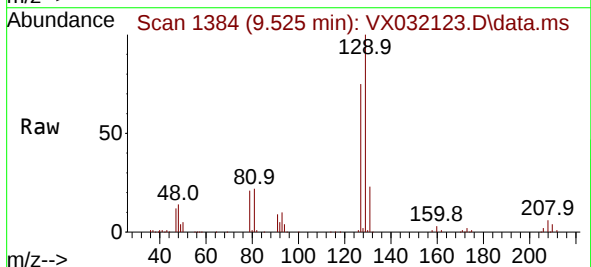
Tgt Ion: 43 Resp: 36030
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.0

Manual Integrations
APPROVED

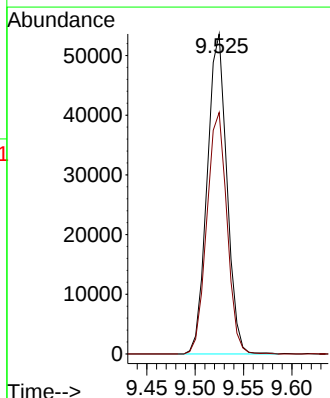
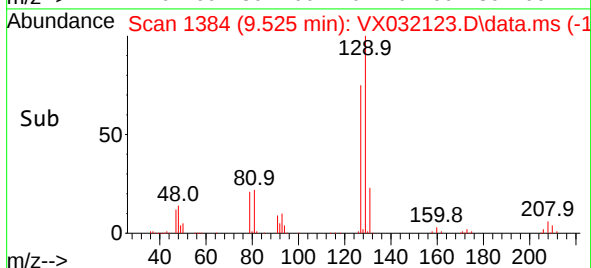
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

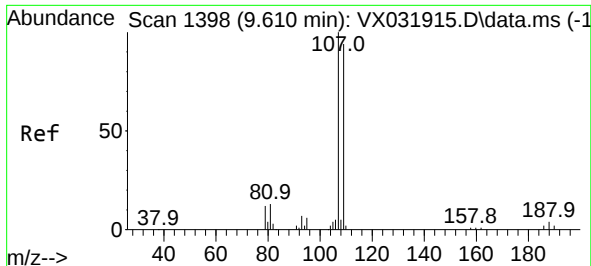


#60
Dibromochloromethane
Concen: 58.034 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



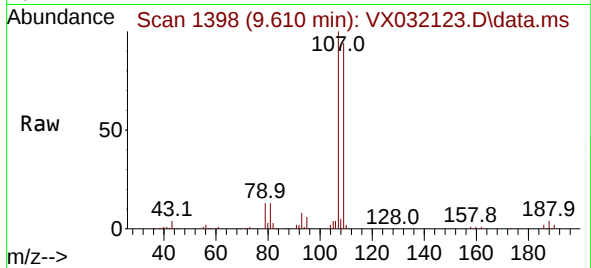
Tgt Ion:129 Resp: 76034
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 52.626 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

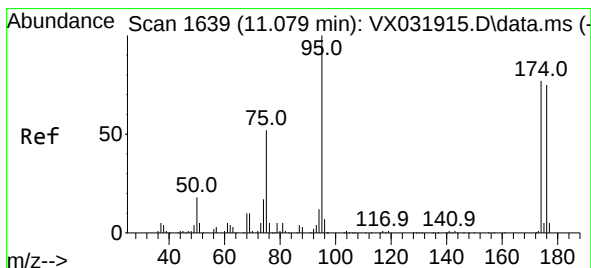
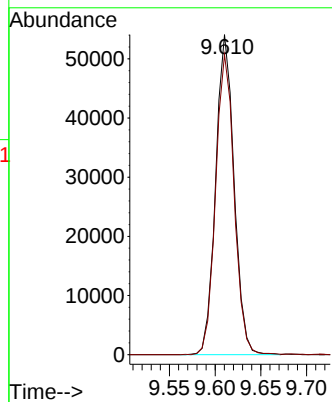
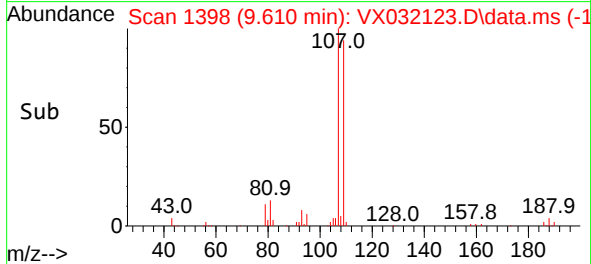
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 7576
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.4

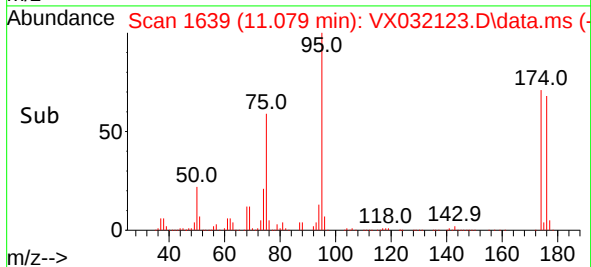
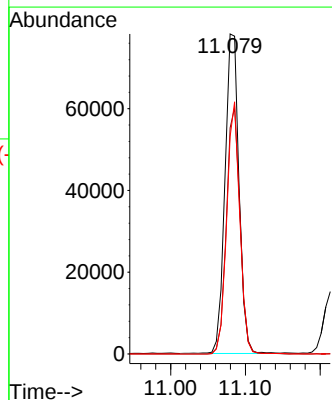
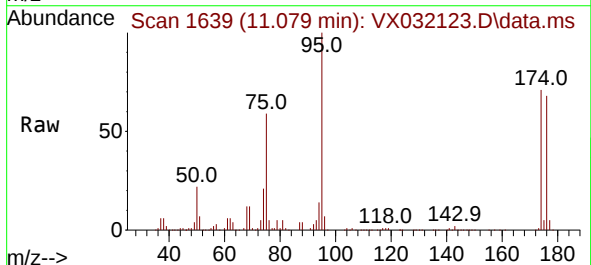
Manual Integrations
APPROVED

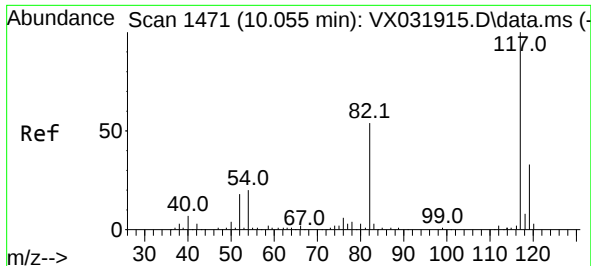
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#62
4-Bromofluorobenzene
Concen: 60.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

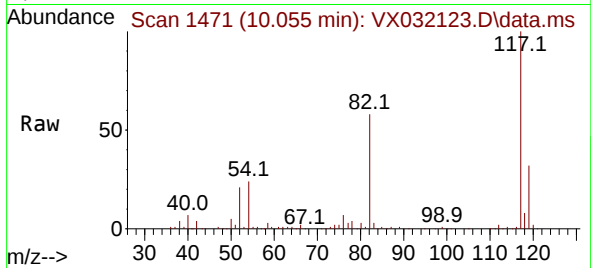
Tgt Ion: 95 Resp: 102168
Ion Ratio Lower Upper
95 100
174 74.9 0.0 153.2
176 73.2 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

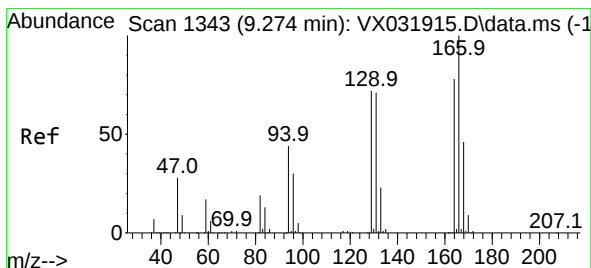
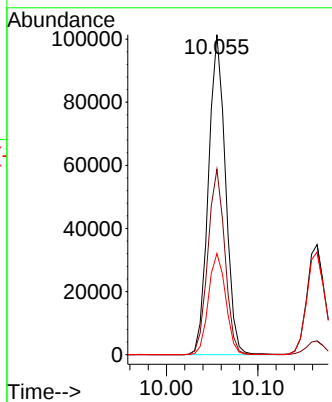
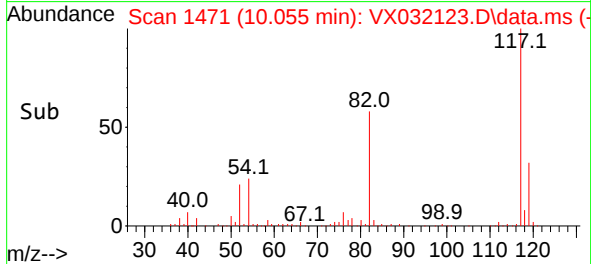
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 130920
Ion Ratio Lower Upper
117 100
82 57.9 46.8 70.2
119 31.6 26.4 39.6

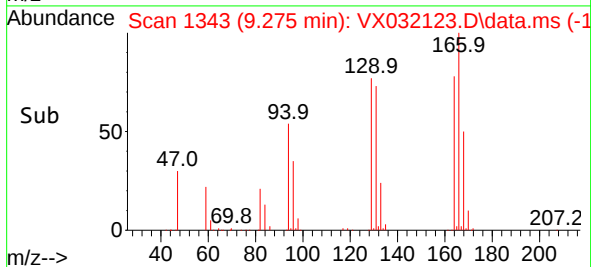
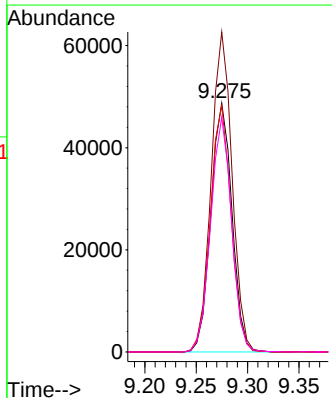
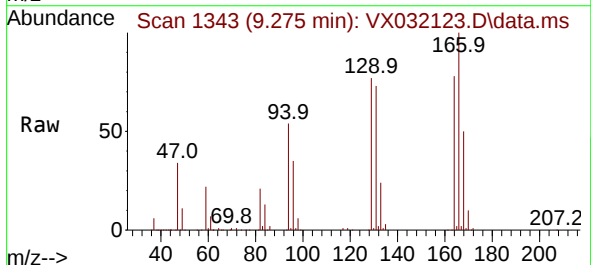
Manual Integrations
APPROVED

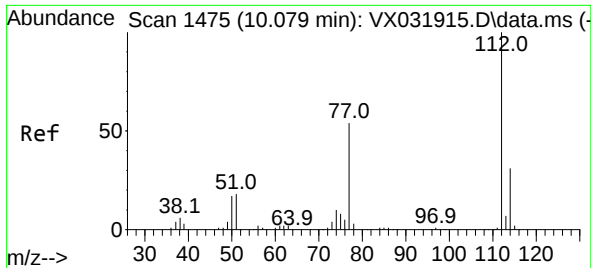
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Tetrachloroethene
Concen: 47.168 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion:164 Resp: 69717
Ion Ratio Lower Upper
164 100
166 128.6 99.0 148.4
129 99.0 78.0 117.0
131 94.3 74.2 111.2





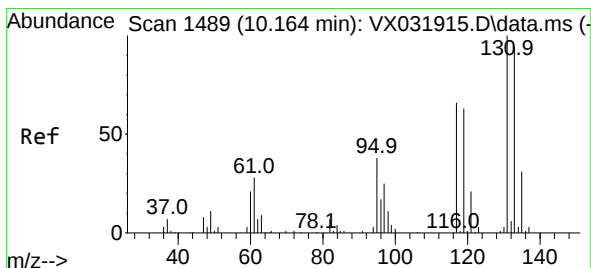
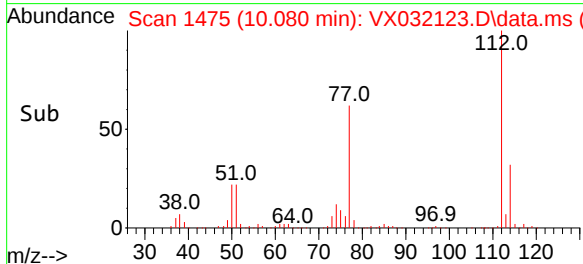
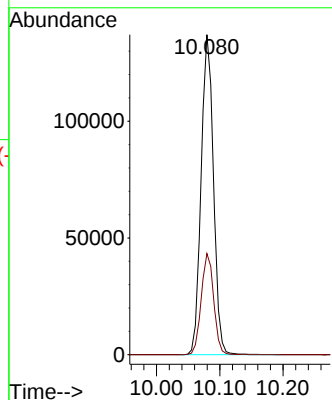
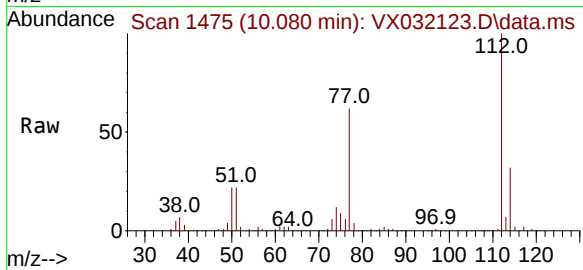
#65
Chlorobenzene
Concen: 47.015 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 18650
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

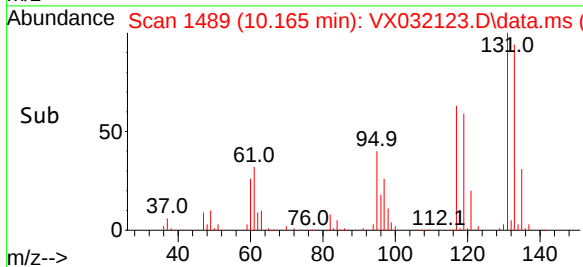
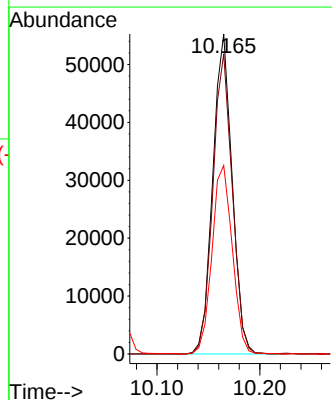
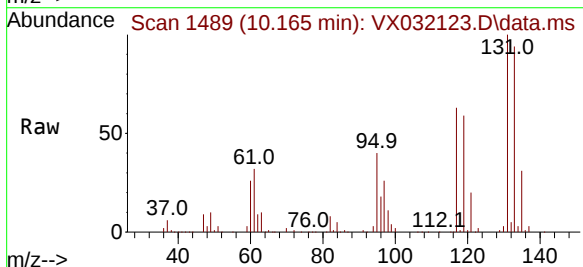
Manual Integrations
APPROVED

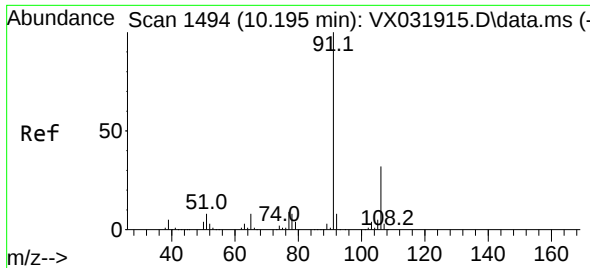
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.666 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

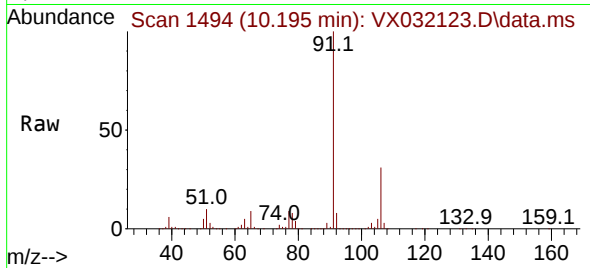
Tgt Ion:131 Resp: 72290
Ion Ratio Lower Upper
131 100
133 94.3 46.6 139.7
119 61.9 31.9 95.9





#67
Ethyl Benzene
Concen: 50.953 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

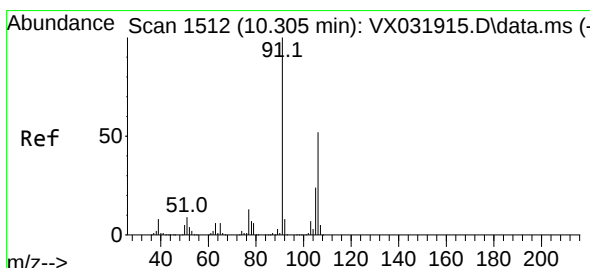
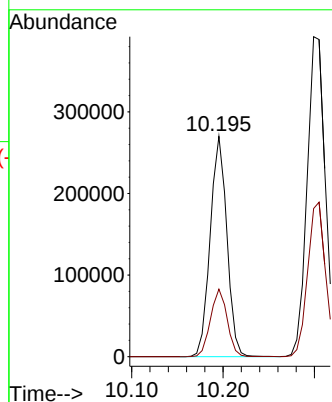
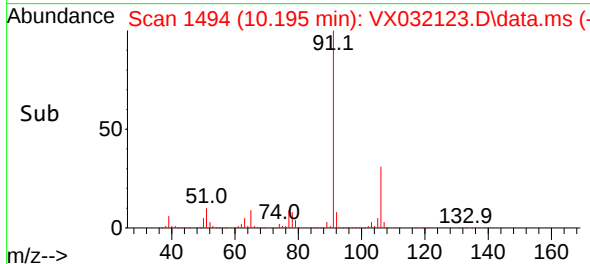
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



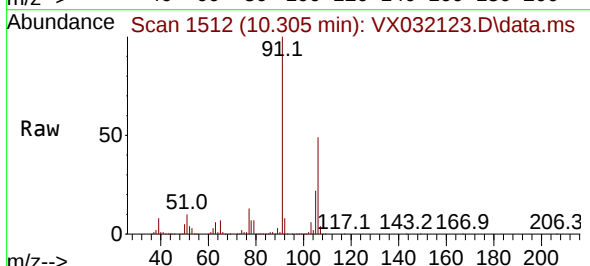
Tgt Ion: 91 Resp: 341930
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8

Manual Integrations
APPROVED

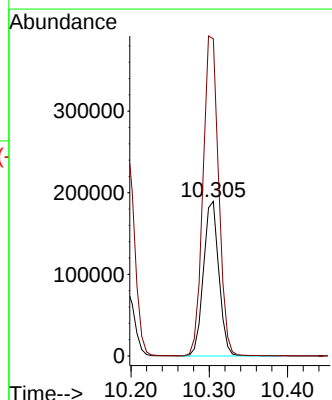
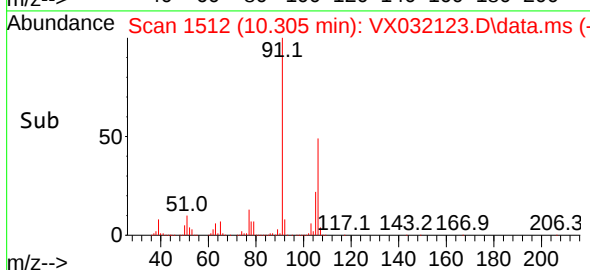
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

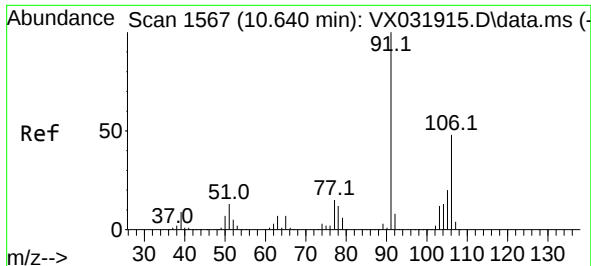


#68
m/p-Xylenes
Concen: 96.902 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



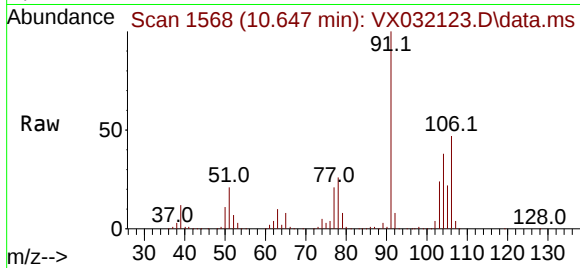
Tgt Ion:106 Resp: 258421
Ion Ratio Lower Upper
106 100
91 210.3 161.0 241.4





#69
o-Xylene
Concen: 49.786 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

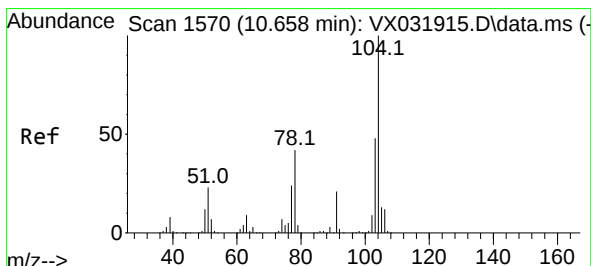
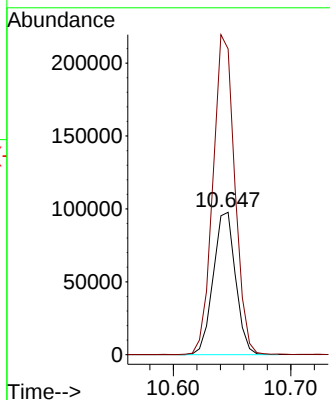
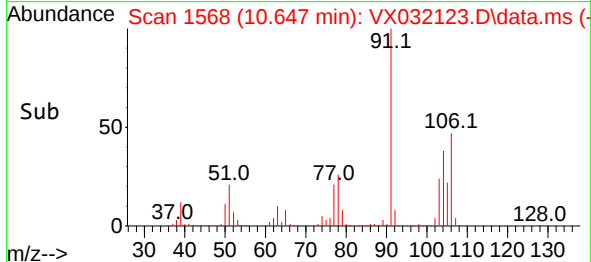
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 12905
Ion Ratio Lower Upper
106 100
91 220.1 107.2 321.6

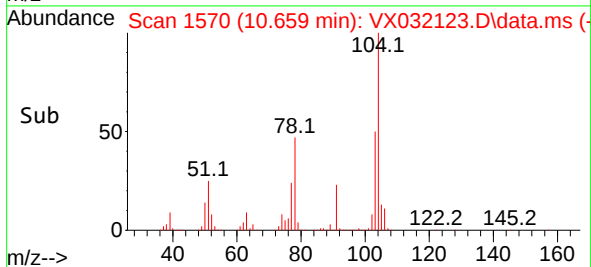
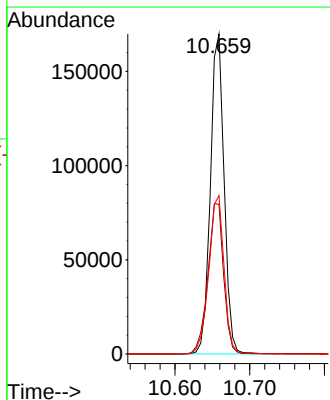
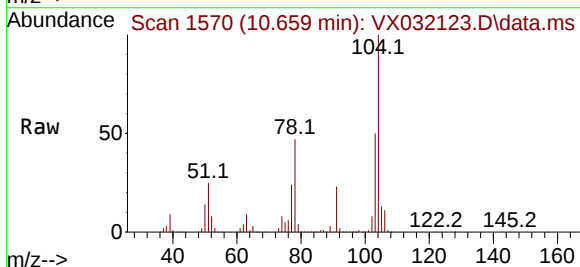
Manual Integrations
APPROVED

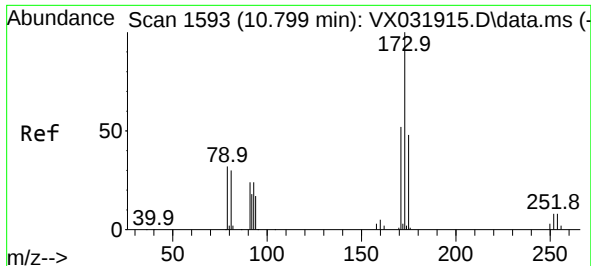
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#70
Styrene
Concen: 52.334 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

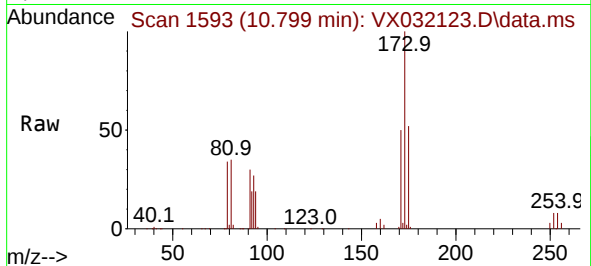
Tgt Ion:104 Resp: 216858
Ion Ratio Lower Upper
104 100
78 53.9 41.4 62.2
103 54.9 43.8 65.8





#71
Bromoform
Concen: 56.054 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

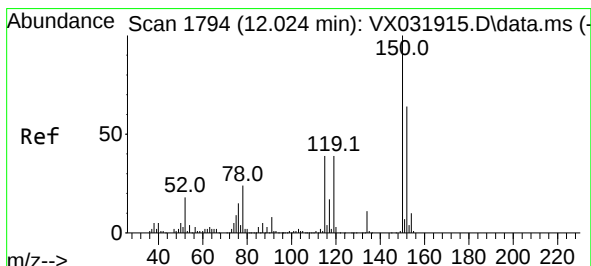
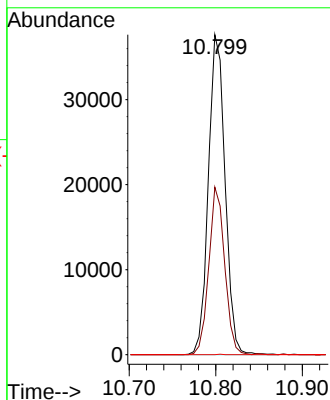
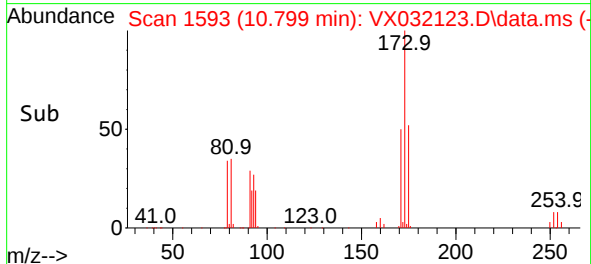
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 50369
Ion Ratio Lower Upper
173 100
175 49.7 24.0 72.0
254 0.0 0.0 0.0

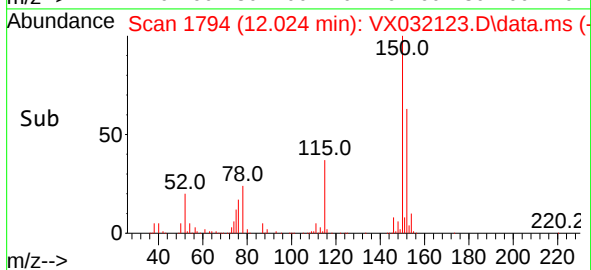
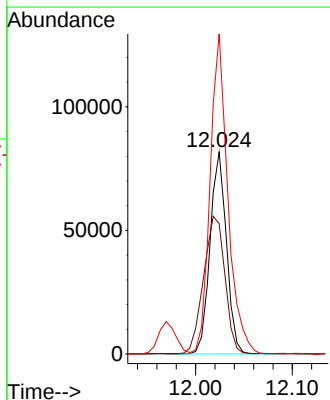
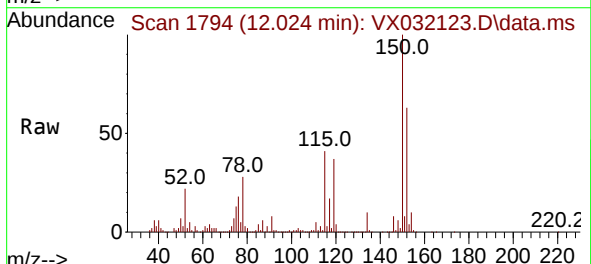
Manual Integrations
APPROVED

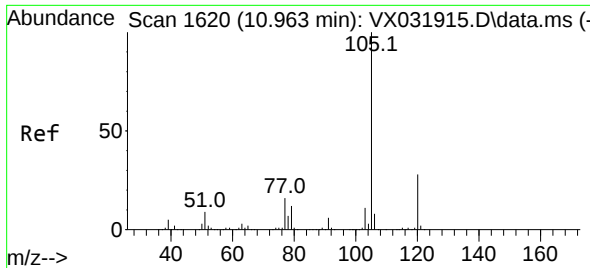
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

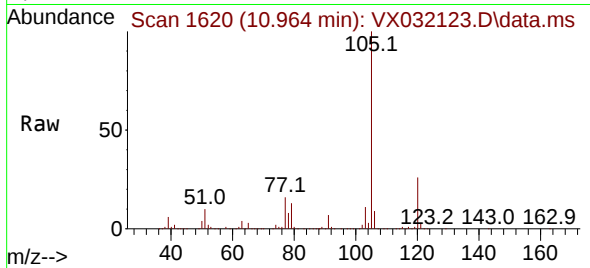
Tgt Ion:152 Resp: 96220
Ion Ratio Lower Upper
152 100
115 88.7 43.4 130.1
150 170.8 0.0 346.8





#73
Isopropylbenzene
Concen: 48.425 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

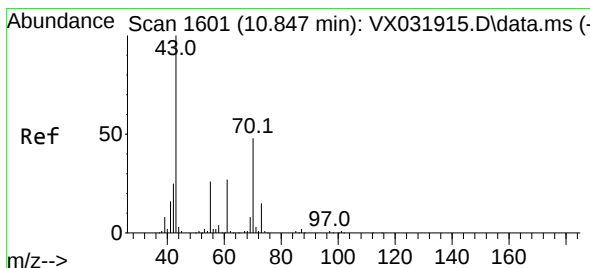
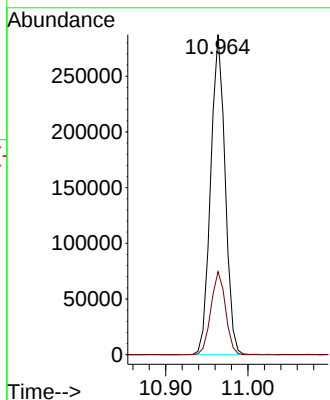
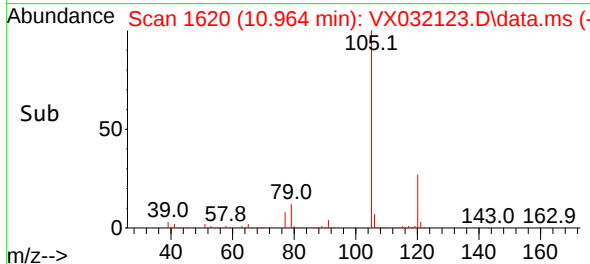
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



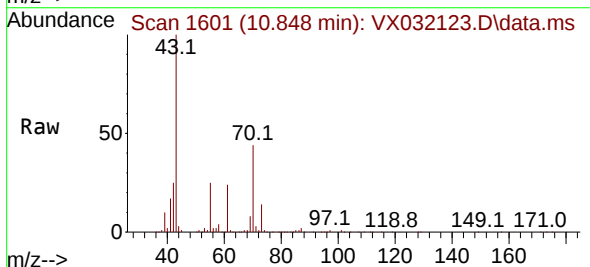
Tgt Ion:105 Resp: 351429
Ion Ratio Lower Upper
105 100
120 26.2 13.7 41.0

Manual Integrations
APPROVED

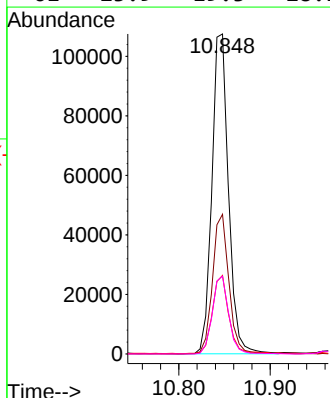
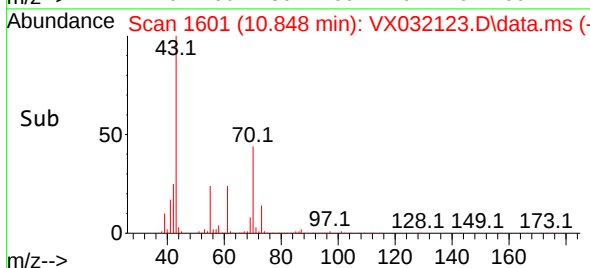
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

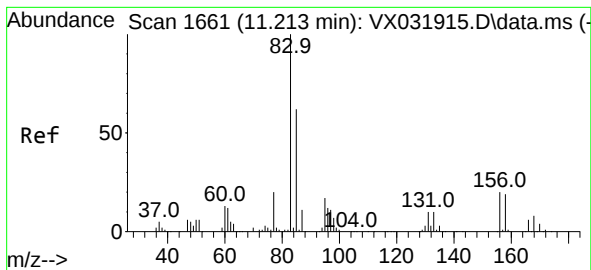


#74
N-ethyl acetate
Concen: 61.014 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



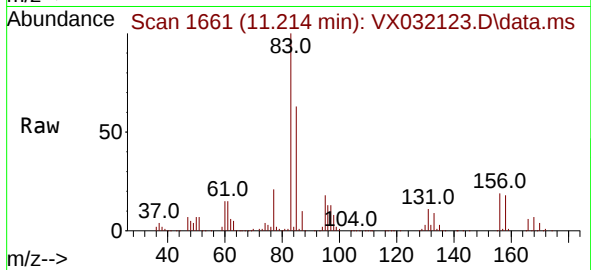
Tgt Ion: 43 Resp: 135217
Ion Ratio Lower Upper
43 100
70 43.2 33.4 50.2
55 24.3 18.2 27.2
61 23.9 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 48.317 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

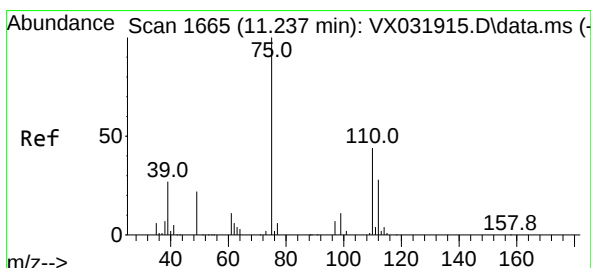
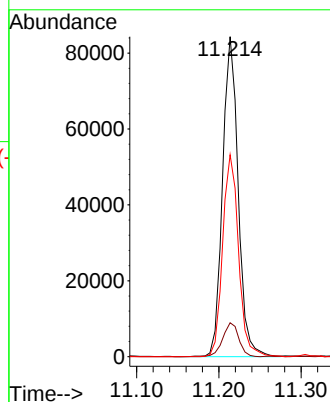
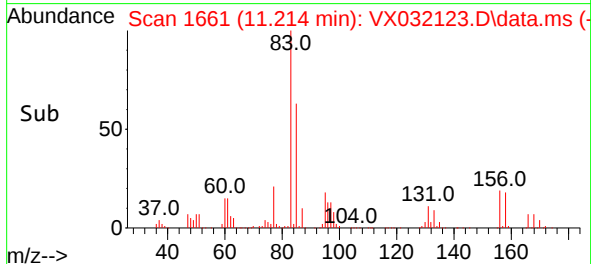
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11140
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.4
85 64.2 32.6 97.8

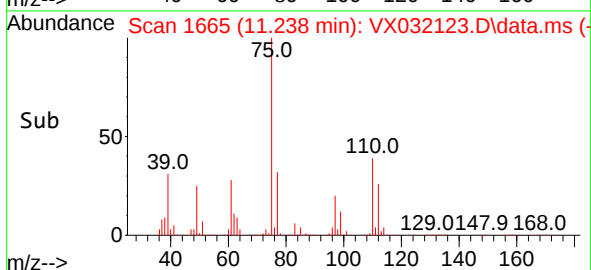
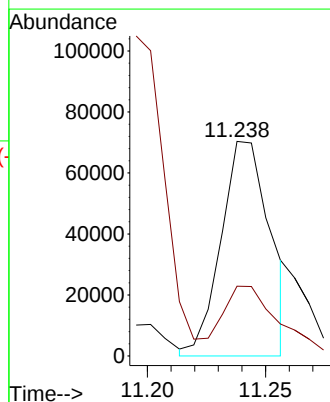
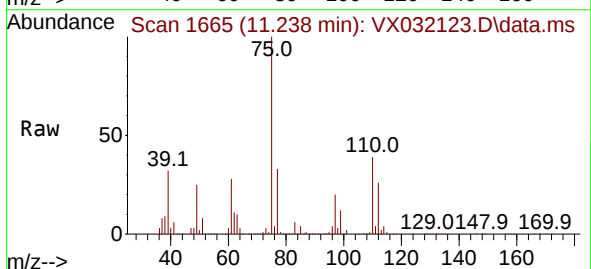
Manual Integrations
APPROVED

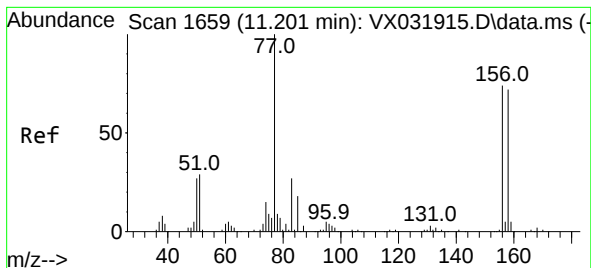
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,2,3-Trichloropropane
Concen: 51.380 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion: 75 Resp: 101323
Ion Ratio Lower Upper
75 100
77 38.6 20.3 60.9





#77

Bromobenzene

Concen: 45.961 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

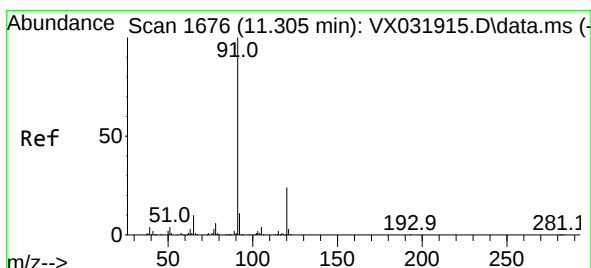
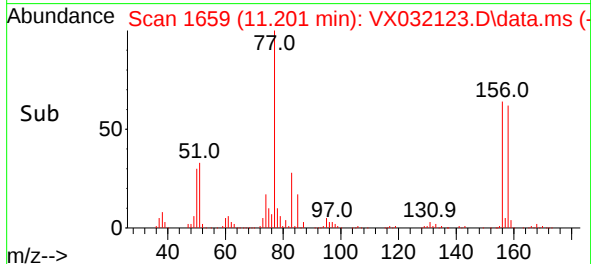
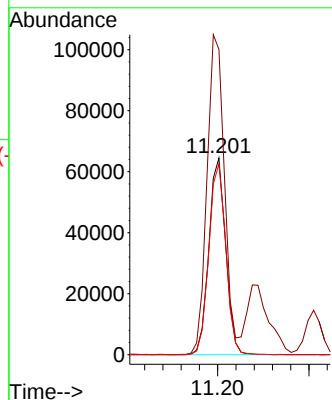
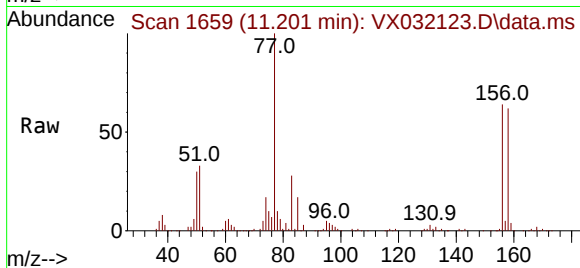
Tgt Ion:	156	Resp:	82162
Ion Ratio	Lower	Upper	
156	100		
77	167.5	79.5	238.6
158	97.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#78

n-propylbenzene

Concen: 50.333 ug/l

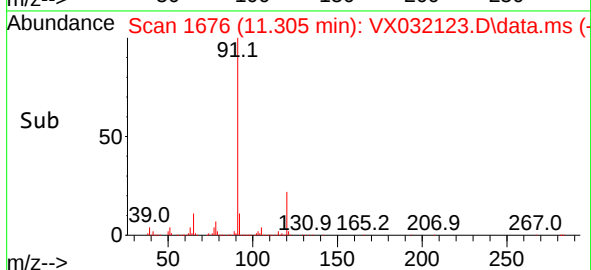
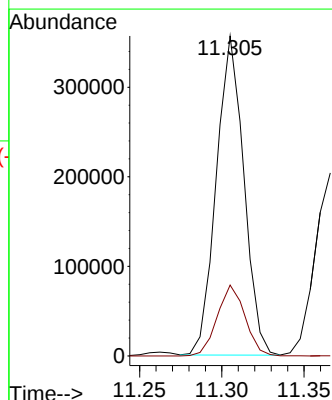
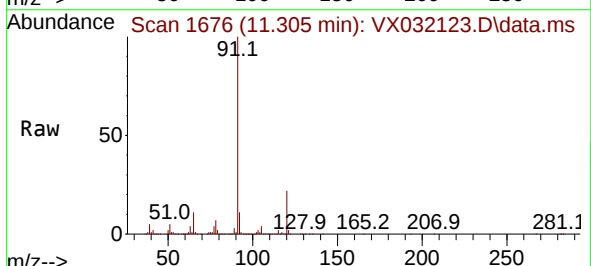
RT: 11.305 min Scan# 1676

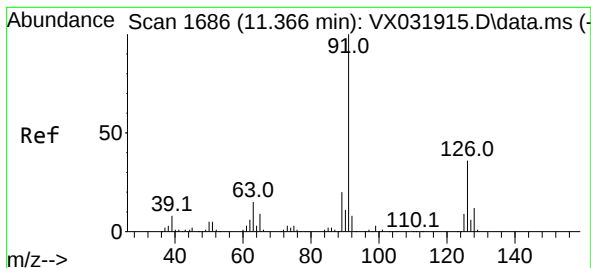
Delta R.T. -0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Tgt Ion:	91	Resp:	415462
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.8	35.4





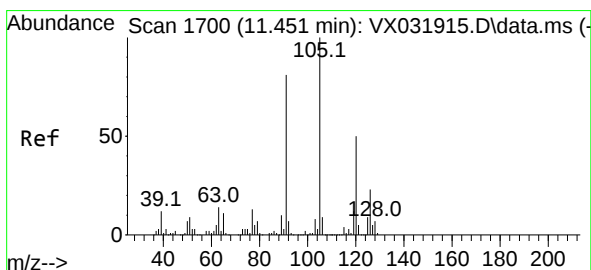
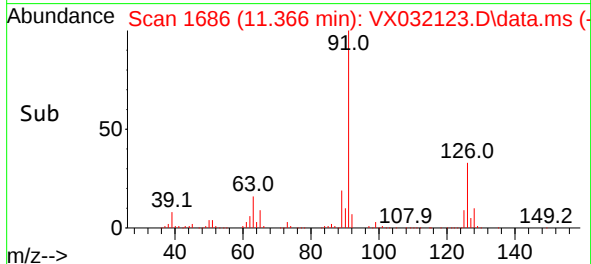
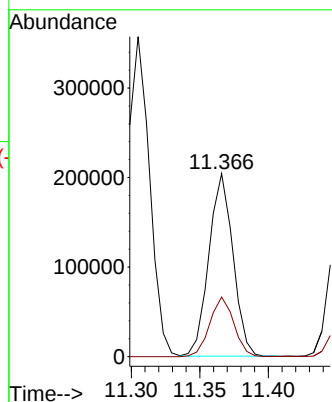
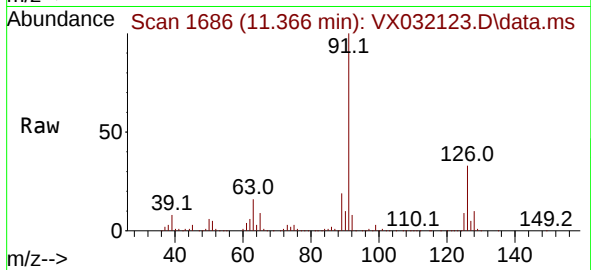
#79
2-Chlorotoluene
Concen: 50.146 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 249091
Ion Ratio Lower Upper
91 100
126 32.6 17.4 52.3

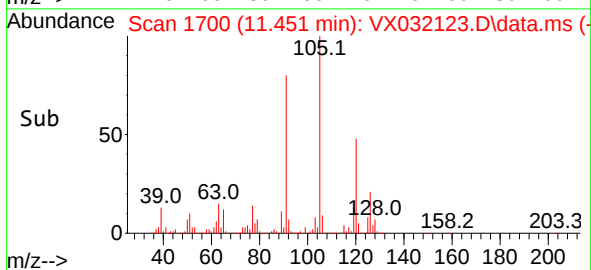
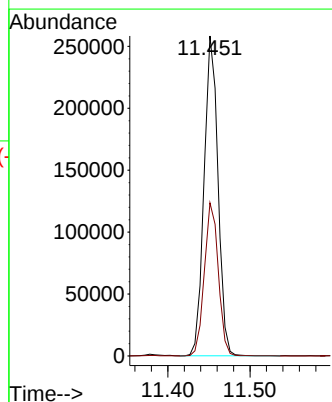
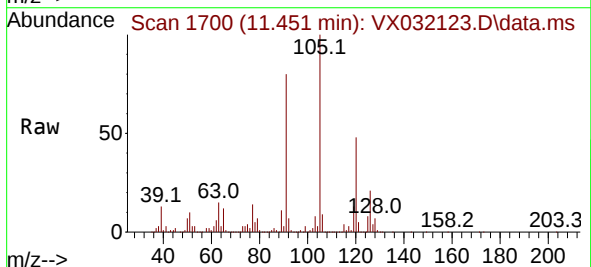
Manual Integrations
APPROVED

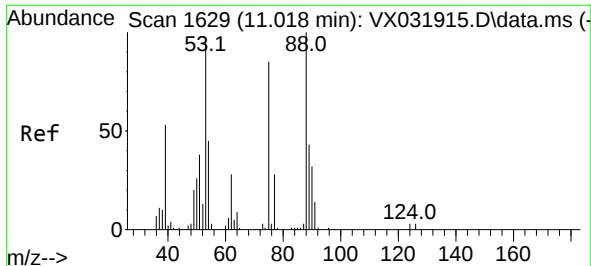
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.486 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Tgt Ion:105 Resp: 303870
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5





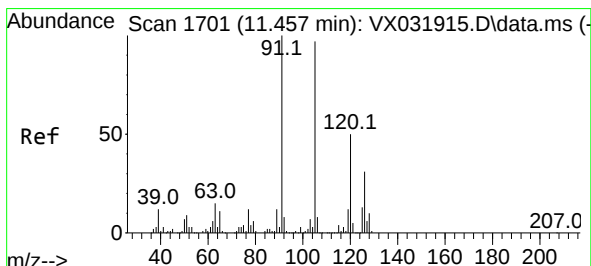
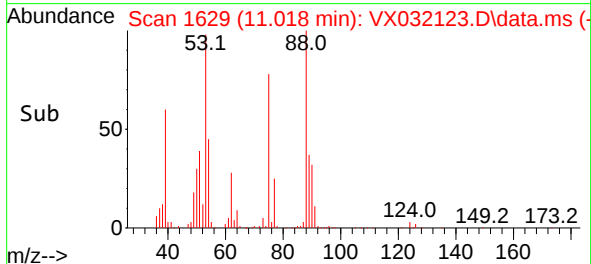
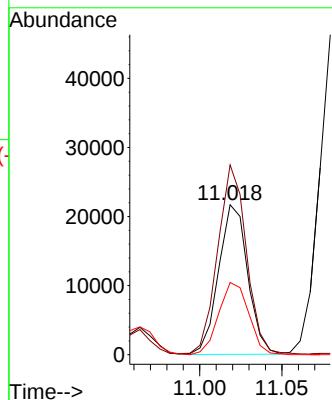
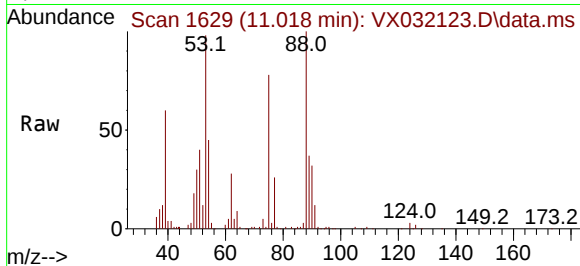
#81
trans-1,4-Dichloro-2-butene
Concen: 48.293 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 26764
Ion Ratio Lower Upper
75 100
53 123.9 77.6 116.4
89 49.7 37.4 56.0

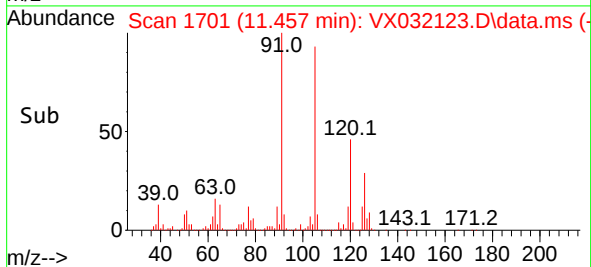
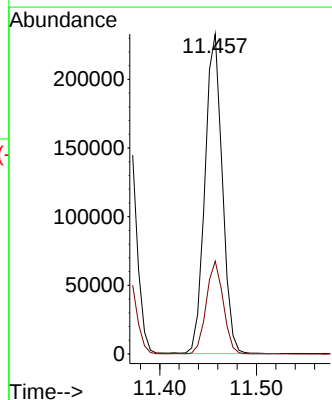
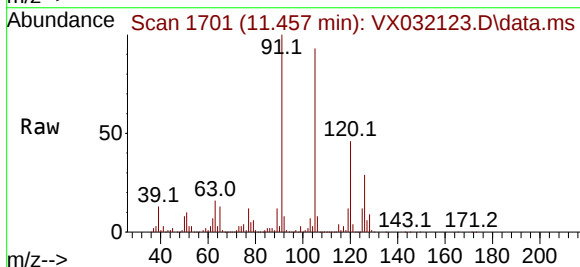
Manual Integrations
APPROVED

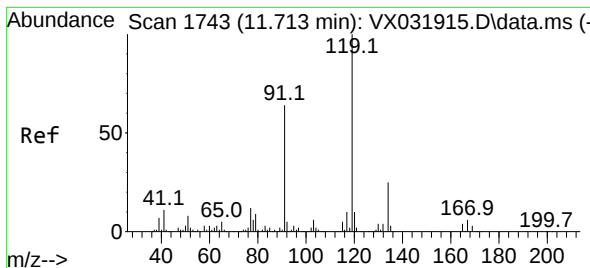
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#82
4-Chlorotoluene
Concen: 51.031 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

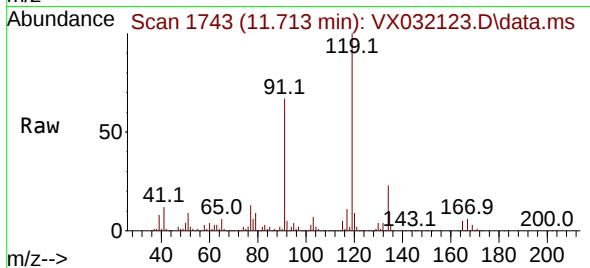
Tgt Ion: 91 Resp: 290314
Ion Ratio Lower Upper
91 100
126 28.6 15.1 45.3





#83
tert-Butylbenzene
Concen: 50.677 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

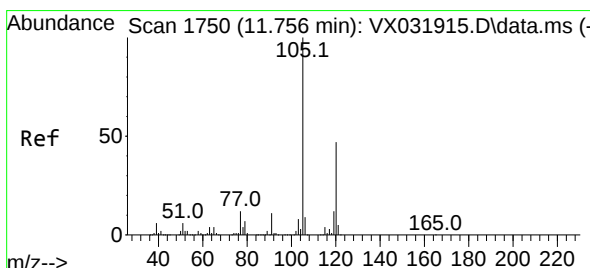
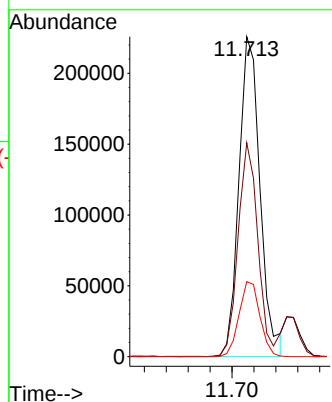
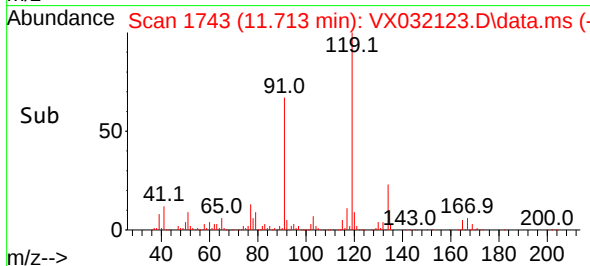
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



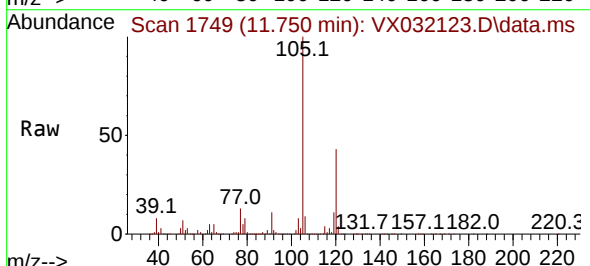
Tgt Ion:119 Resp: 301880
Ion Ratio Lower Upper
119 100
91 62.2 29.2 87.6
134 23.2 11.6 34.8

Manual Integrations
APPROVED

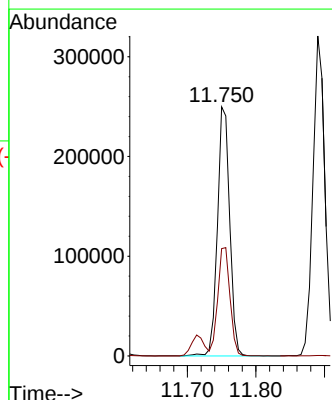
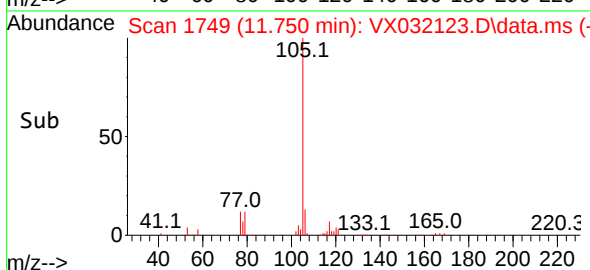
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

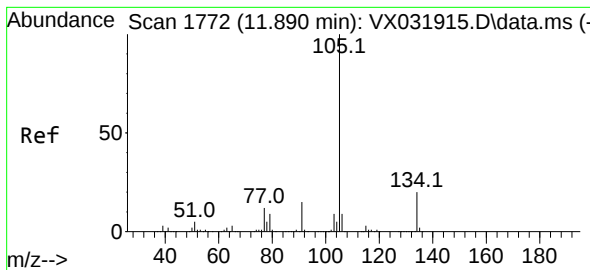


#84
1,2,4-Trimethylbenzene
Concen: 50.438 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



Tgt Ion:105 Resp: 308399
Ion Ratio Lower Upper
105 100
120 43.5 22.6 67.8





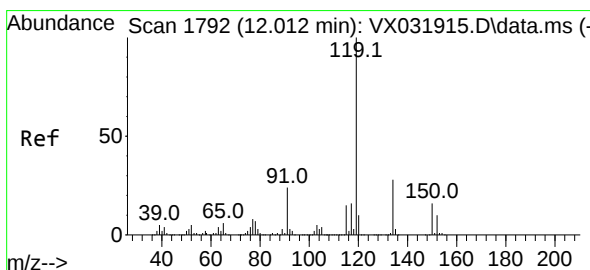
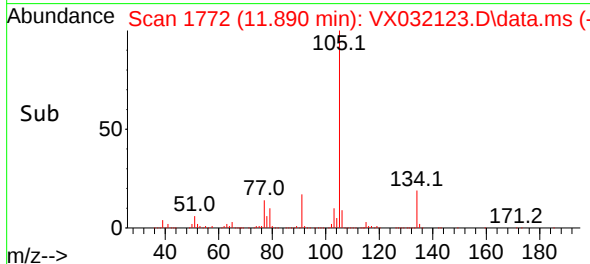
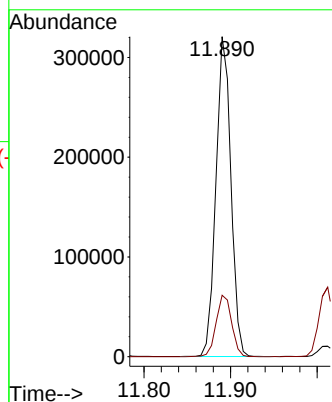
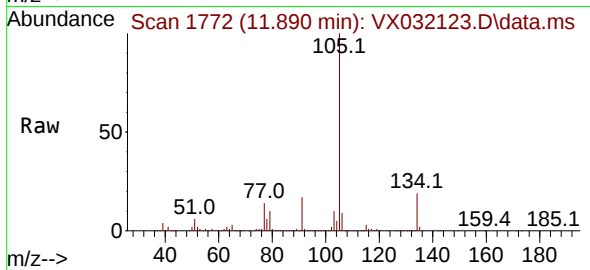
#85
 sec-Butylbenzene
 Concen: 52.160 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032123.D
 Acq: 13 Oct 2022 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 38468
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1

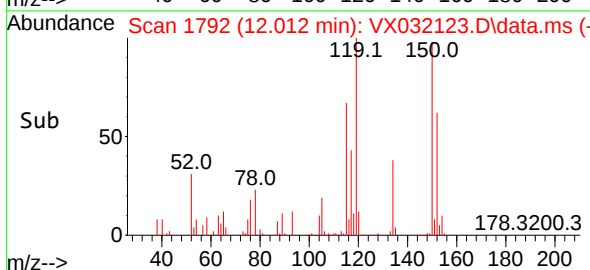
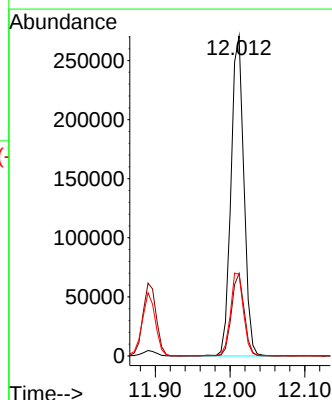
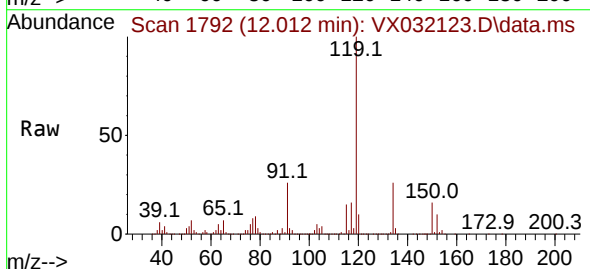
Manual Integrations
 APPROVED

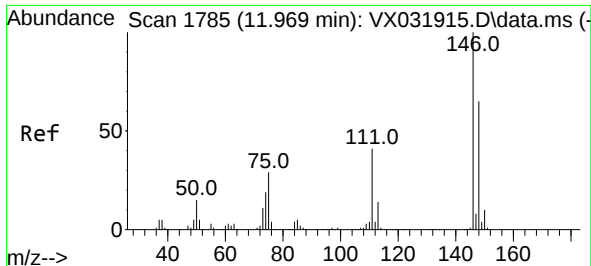
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#86
 p-Isopropyltoluene
 Concen: 52.397 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032123.D
 Acq: 13 Oct 2022 20:27

Tgt Ion:119 Resp: 325358
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.4 40.2
 91 26.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.386 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 157880

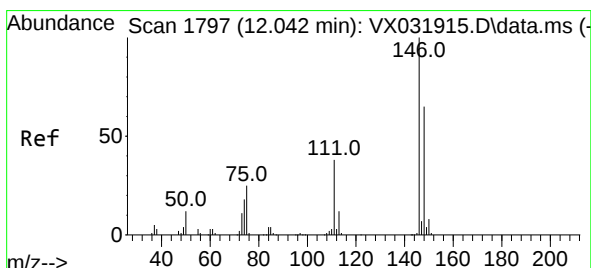
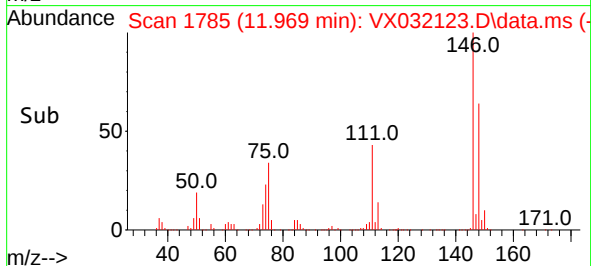
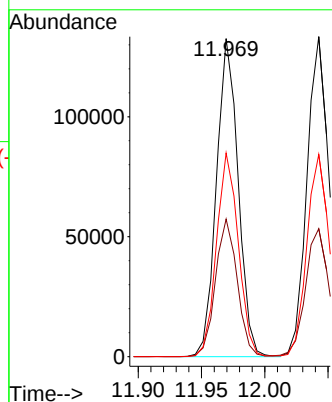
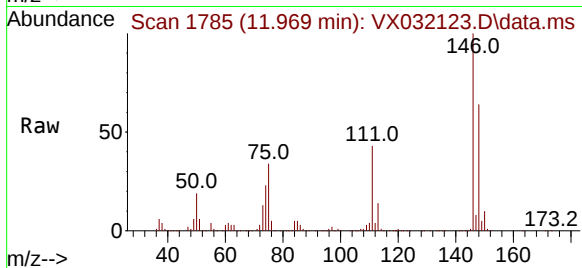
Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.8	59.4
148	64.3	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#88

1,4-Dichlorobenzene

Concen: 46.073 ug/l

RT: 12.043 min Scan# 1797

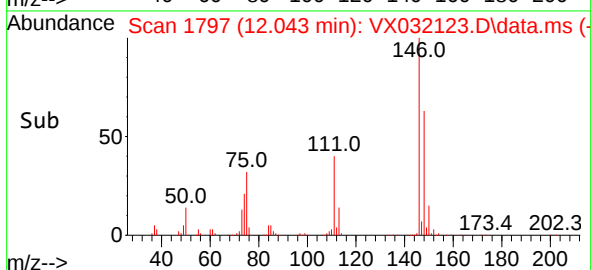
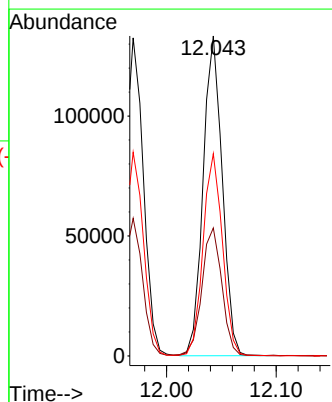
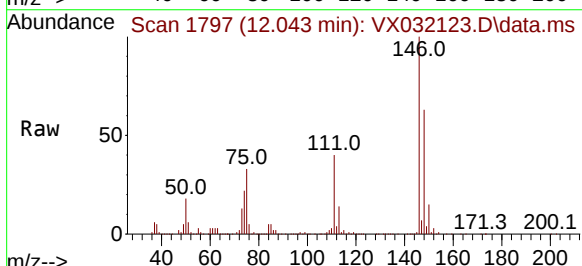
Delta R.T. 0.001 min

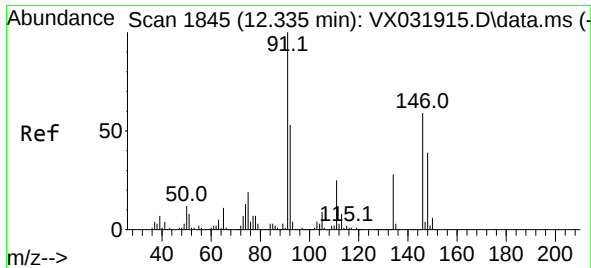
Lab File: VX032123.D

Acq: 13 Oct 2022 20:27

Tgt Ion:146 Resp: 161416

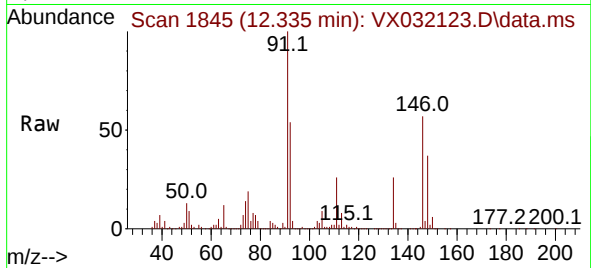
Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.5
148	64.2	32.0	96.2





#89
n-Butylbenzene
Concen: 55.579 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

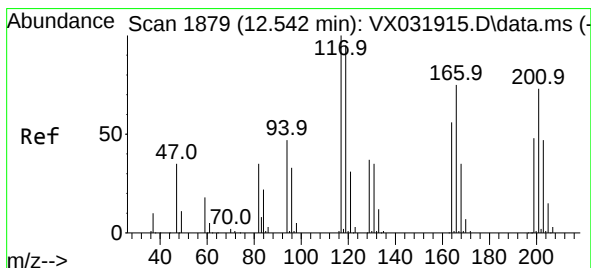
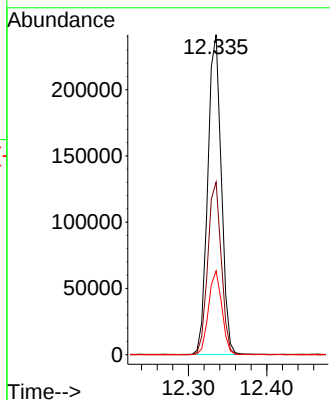
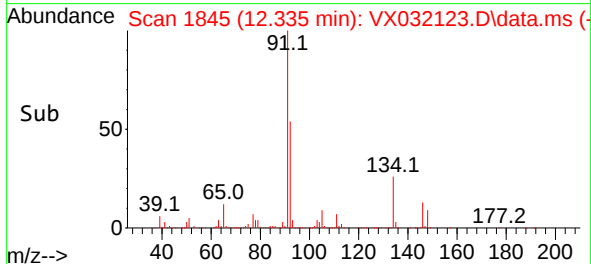
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 28901
Ion Ratio Lower Upper
91 100
92 53.8 27.0 81.0
134 25.8 13.3 39.9

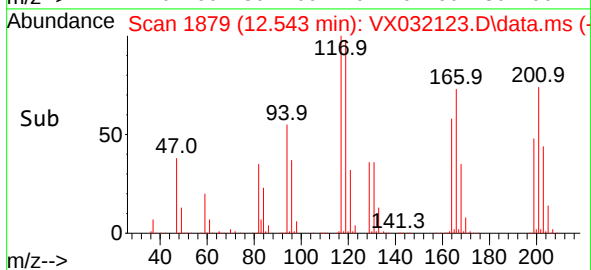
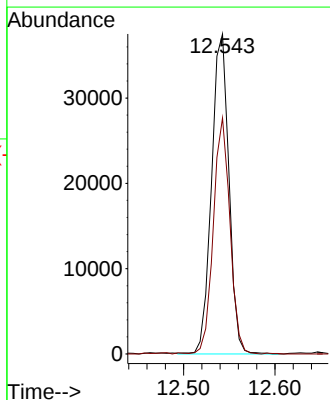
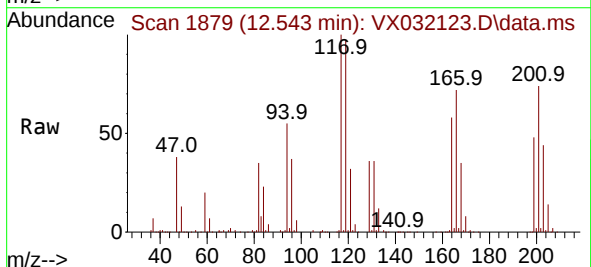
Manual Integrations
APPROVED

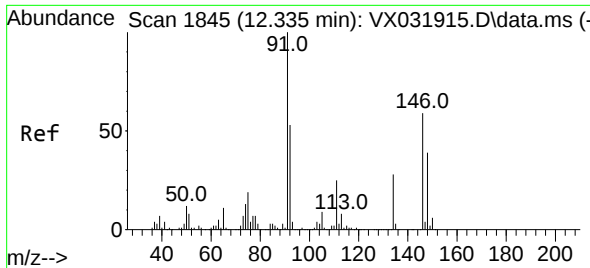
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#90
Hexachloroethane
Concen: 50.008 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

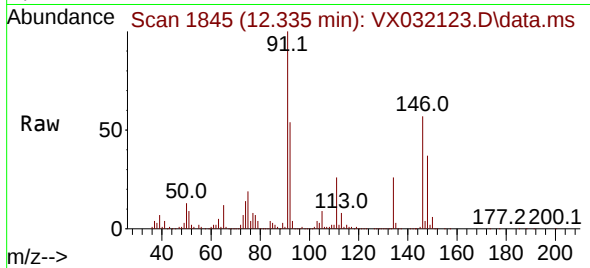
Tgt Ion:117 Resp: 49379
Ion Ratio Lower Upper
117 100
201 70.9 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 48.103 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

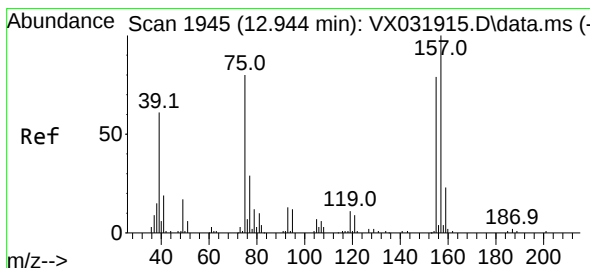
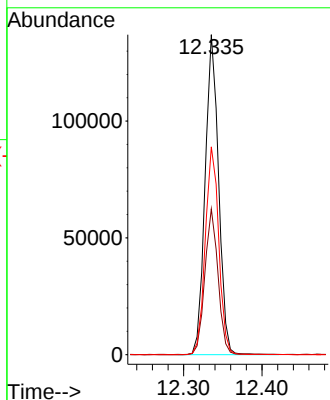
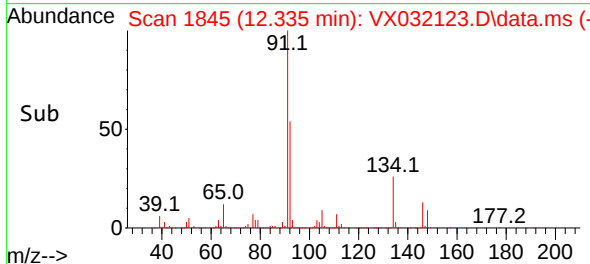
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 162780
Ion Ratio Lower Upper
146 100
111 44.3 20.6 61.8
148 65.0 31.6 95.0

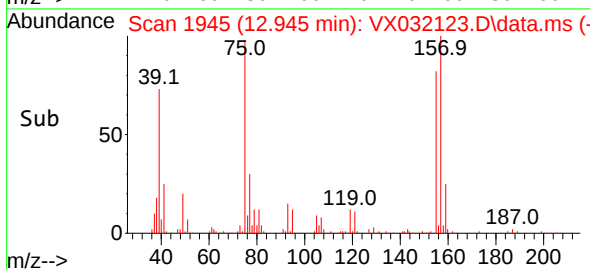
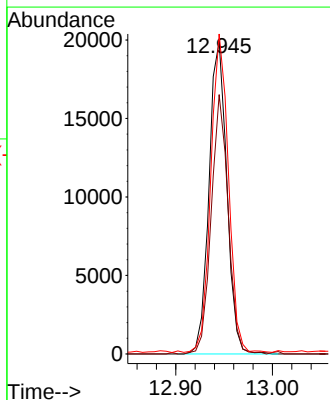
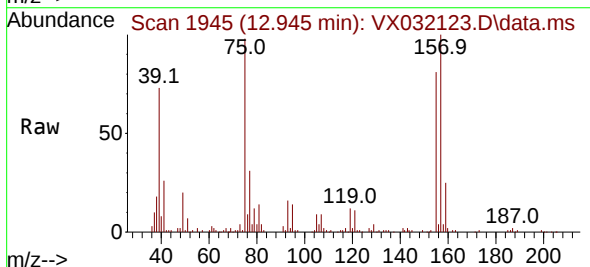
Manual Integrations
APPROVED

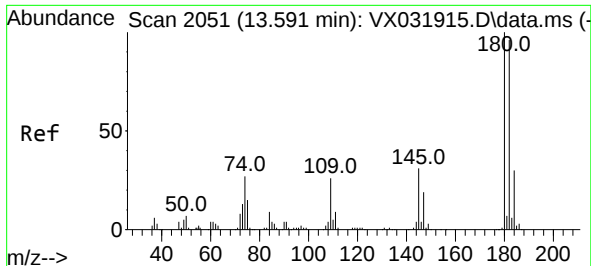
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.296 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

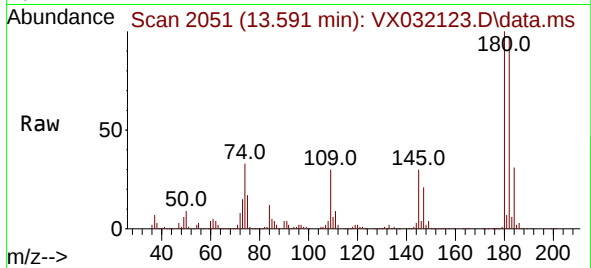
Tgt Ion: 75 Resp: 25449
Ion Ratio Lower Upper
75 100
155 79.0 40.3 120.8
157 100.8 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 50.969 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

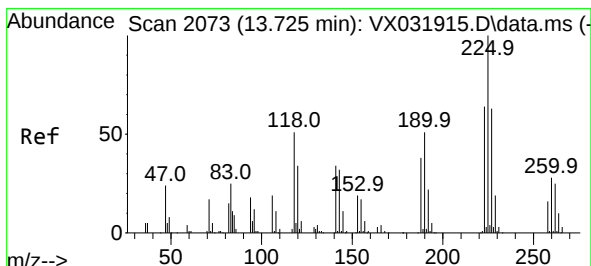
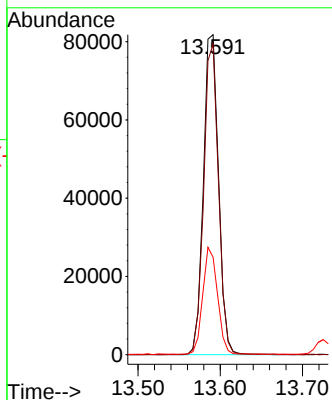
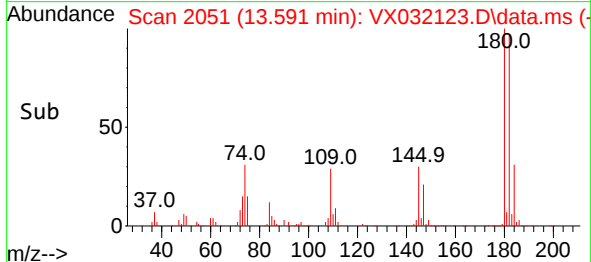
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



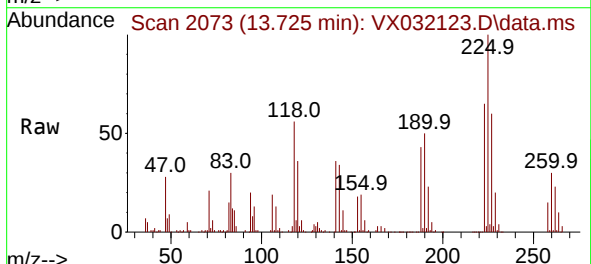
Tgt Ion:180 Resp: 10468
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 32.6 16.7 50.1

Manual Integrations
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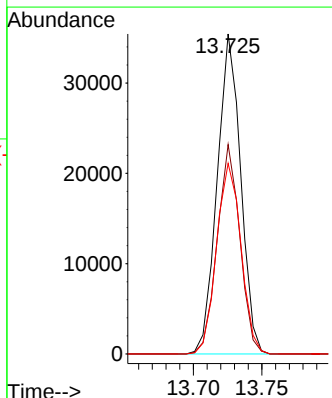
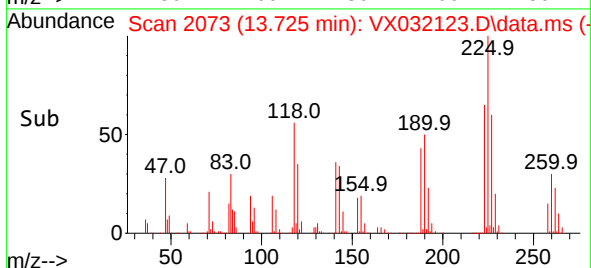
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

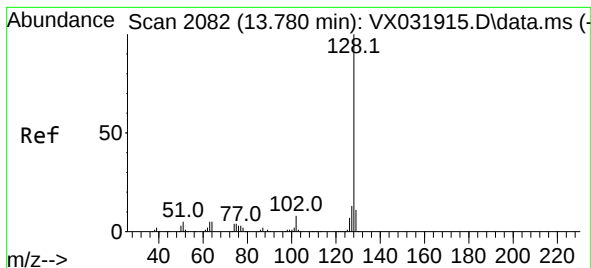


#94
Hexachlorobutadiene
Concen: 50.775 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



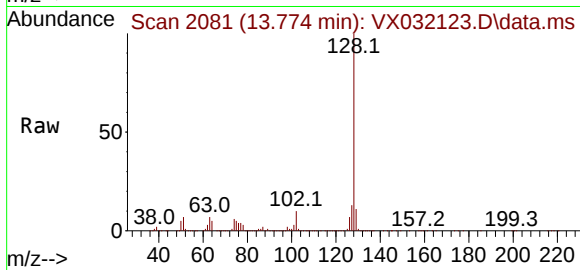
Tgt Ion:225 Resp: 42180
Ion Ratio Lower Upper
225 100
223 62.9 30.8 92.4
227 61.9 32.3 96.9





#95
Naphthalene
Concen: 51.146 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27

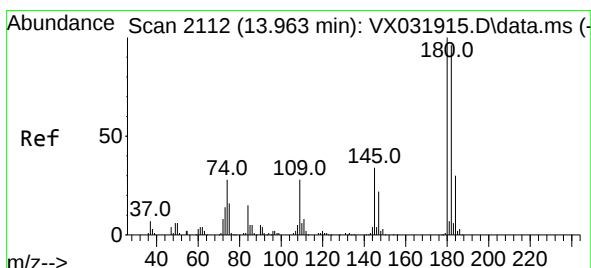
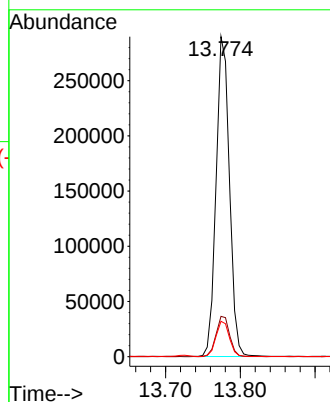
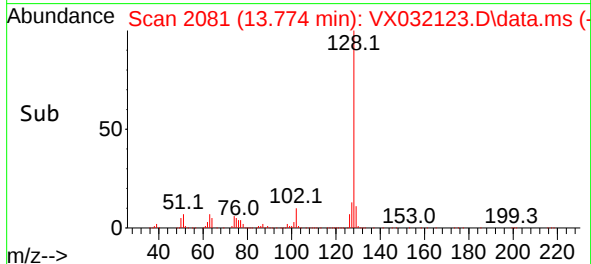
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



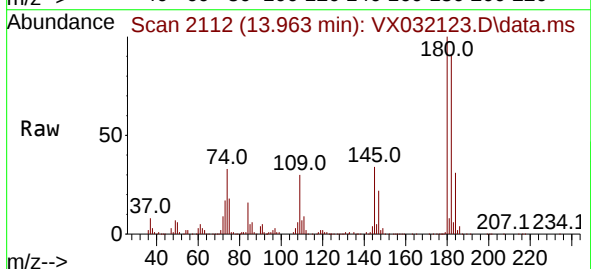
Tgt Ion:128 Resp: 359972
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.180 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032123.D
Acq: 13 Oct 2022 20:27



Tgt Ion:180 Resp: 104546
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.8
145 34.9 17.6 52.8

