

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027298.D
 Acq On : 04 Mar 2022 13:57
 Operator : JC/MD
 Sample : VX0304WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD02

Quant Time: Mar 05 00:43:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	67603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41285	50.849	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.700%			
35) Dibromofluoromethane	5.385	113	33284	51.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.960%			
50) Toluene-d8	8.647	98	119327	49.357	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.720%			
62) 4-Bromofluorobenzene	11.079	95	45286	48.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	11132	16.566	ug/l	98
3) Chloromethane	1.294	50	8984	14.302	ug/l	99
4) Vinyl Chloride	1.380	62	9213	14.725	ug/l	99
5) Bromomethane	1.605	94	5737	20.414	ug/l	98
6) Chloroethane	1.691	64	6215	16.176	ug/l	98
7) Trichlorofluoromethane	1.892	101	18181	18.683	ug/l	100
8) Diethyl Ether	2.136	74	5942	17.543	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	12799	18.880	ug/l	95
10) Methyl Iodide	2.459	142	11577	12.718	ug/l	97
11) Tert butyl alcohol	2.959	59	13008	82.344	ug/l	98
12) 1,1-Dichloroethene	2.325	96	11827	17.970	ug/l	80
13) Acrolein	2.239	56	12423	85.081	ug/l	97
14) Allyl chloride	2.666	41	19355	16.703	ug/l	97
15) Acrylonitrile	3.062	53	36634	90.374	ug/l	98
16) Acetone	2.379	43	31385	88.042	ug/l	94
17) Carbon Disulfide	2.514	76	26942	15.743	ug/l	98
18) Methyl Acetate	2.703	43	15907	17.288	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	42402	18.776	ug/l	100
20) Methylene Chloride	2.794	84	13395	18.129	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	12685	18.073	ug/l	94
22) Diisopropyl ether	3.763	45	40475	17.917	ug/l	95
23) Vinyl Acetate	3.721	43	173306	90.851	ug/l	96
24) 1,1-Dichloroethane	3.617	63	23116	18.102	ug/l	97
25) 2-Butanone	4.556	43	48828	86.009	ug/l	93
26) 2,2-Dichloropropane	4.483	77	17772	19.184	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	14876	18.276	ug/l	94
28) Bromochloromethane	4.903	49	9253	17.910	ug/l	84
29) Tetrahydrofuran	5.007	42	31408	82.662	ug/l	91
30) Chloroform	5.098	83	24484	18.459	ug/l	96
31) Cyclohexane	5.470	56	20068	16.504	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	22076	19.226	ug/l	98
36) 1,1-Dichloropropene	5.696	75	17810	18.874	ug/l	97
37) Ethyl Acetate	4.721	43	19050	18.387	ug/l	98
38) Carbon Tetrachloride	5.678	117	19730	20.047	ug/l	99
39) Methylcyclohexane	7.385	83	21814	18.584	ug/l	93
40) Benzene	6.043	78	51723	18.743	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	10108	17.785	ug/l	93
42) 1,2-Dichloroethane	6.086	62	19918	20.346	ug/l	98
43) Isopropyl Acetate	6.342	43	29489	18.502	ug/l	96
44) Trichloroethene	7.123	130	15491	18.766	ug/l	92
45) 1,2-Dichloropropane	7.433	63	12873	19.092	ug/l	99
46) Dibromomethane	7.580	93	9665	19.957	ug/l	93
47) Bromodichloromethane	7.824	83	18505	19.577	ug/l	99
48) Methyl methacrylate	7.696	41	14489	18.781	ug/l	95
49) 1,4-Dioxane	7.659	88	6052	347.004	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	95323	92.018	ug/l	95
52) Toluene	8.720	92	33344	18.870	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	18005	18.805	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	21411	20.292	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	14001	20.005	ug/l	97
56) Ethyl methacrylate	9.116	69	20822	19.109	ug/l	92
57) 1,3-Dichloropropane	9.311	76	22819	19.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	47688	90.797	ug/l	94
59) 2-Hexanone	9.433	43	70999	89.673	ug/l	94
60) Dibromochloromethane	9.518	129	14801	20.386	ug/l	99
61) 1,2-Dibromoethane	9.610	107	14373	19.284	ug/l	99
64) Tetrachloroethene	9.275	164	16047	19.375	ug/l	86
65) Chlorobenzene	10.079	112	36297	19.451	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	14269	21.086	ug/l	99
67) Ethyl Benzene	10.195	91	64598	19.720	ug/l	96
68) m/p-Xylenes	10.305	106	50064	39.754	ug/l	99
69) o-Xylene	10.640	106	24947	19.737	ug/l	96
70) Styrene	10.658	104	41363	19.999	ug/l	97
71) Bromoform	10.799	173	10258	19.694	ug/l #	97
73) Isopropylbenzene	10.963	105	65600	20.386	ug/l	98
74) N-amyl acetate	10.841	43	23287	19.019	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	19224	20.226	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	18049m	19.926	ug/l	
77) Bromobenzene	11.201	156	16435	20.476	ug/l	88
78) n-propylbenzene	11.305	91	72569	19.841	ug/l	98
79) 2-Chlorotoluene	11.366	91	43752	19.521	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	55594	20.546	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	5006	19.550	ug/l	97
82) 4-Chlorotoluene	11.457	91	51263	20.022	ug/l	97
83) tert-Butylbenzene	11.713	119	53996	20.522	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	55292	20.543	ug/l	97
85) sec-Butylbenzene	11.890	105	66589	20.184	ug/l	99
86) p-Isopropyltoluene	12.012	119	56634	20.137	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	30474	20.177	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	30207	19.561	ug/l	99
89) n-Butylbenzene	12.335	91	45968	19.555	ug/l	99
90) Hexachloroethane	12.542	117	8273	18.990	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	30246	20.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4280	19.396	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	18339	19.721	ug/l	99
94) Hexachlorobutadiene	13.725	225	8077	20.921	ug/l	98
95) Naphthalene	13.774	128	62686	19.837	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18839	20.211	ug/l	98

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

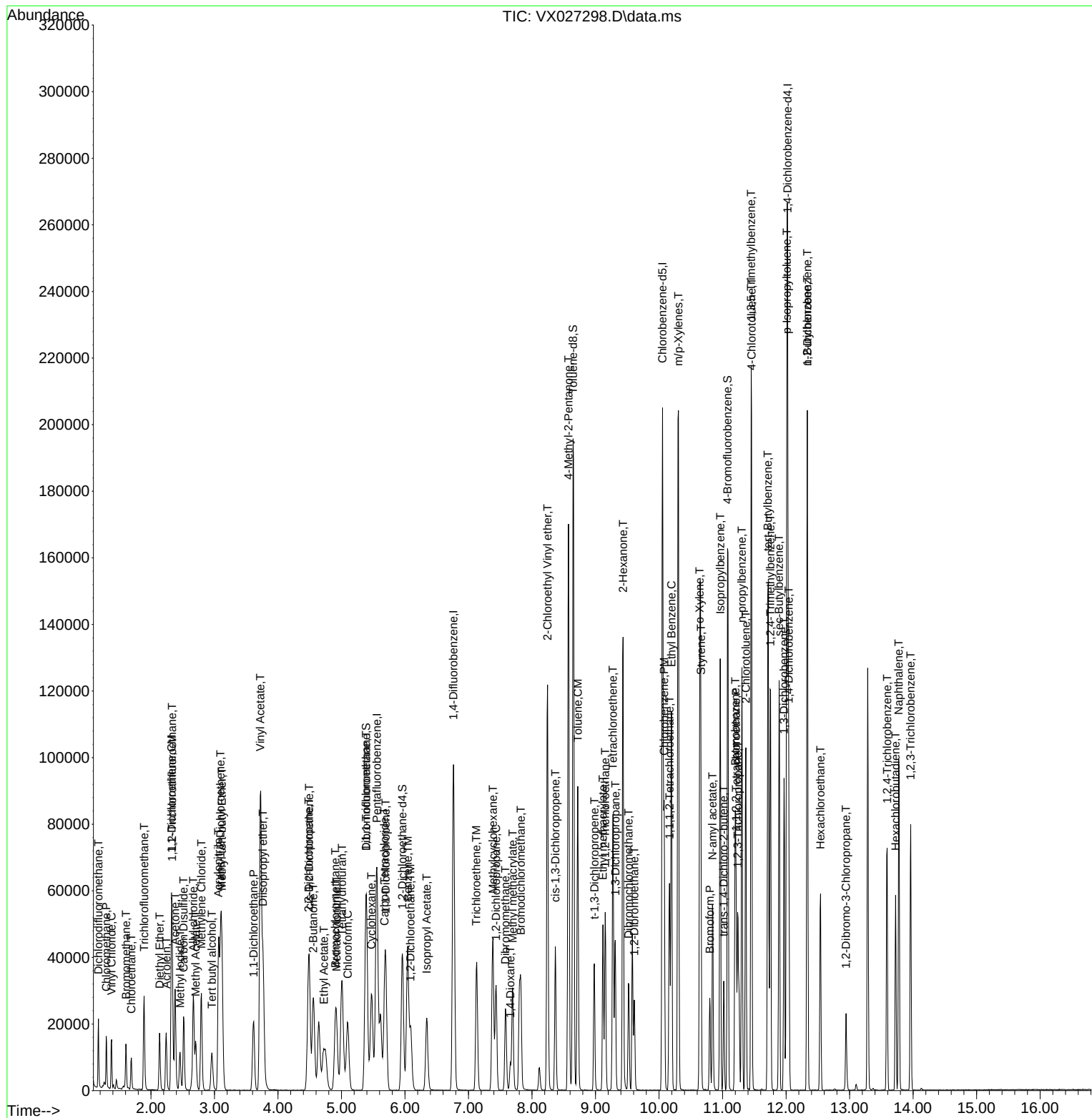
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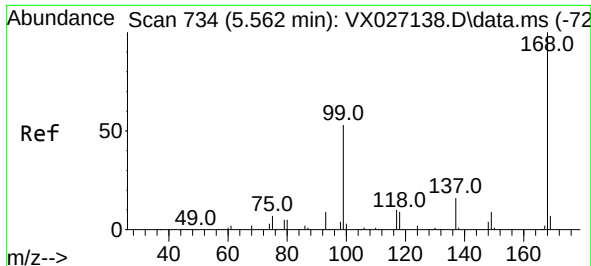
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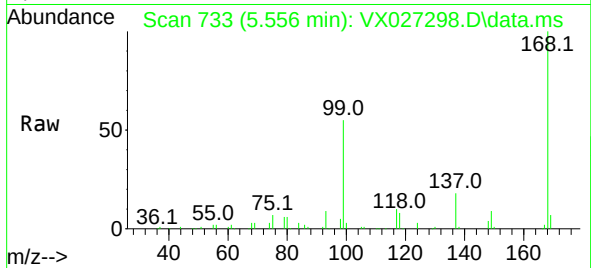
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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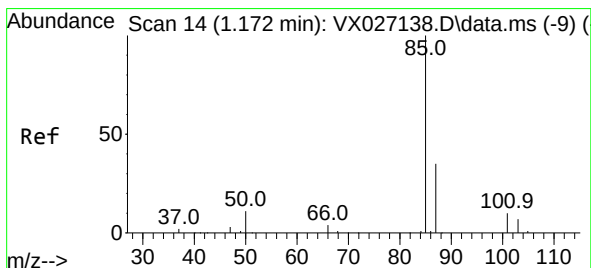
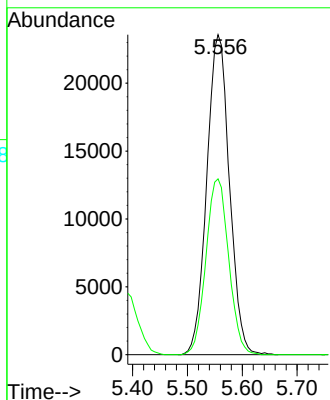
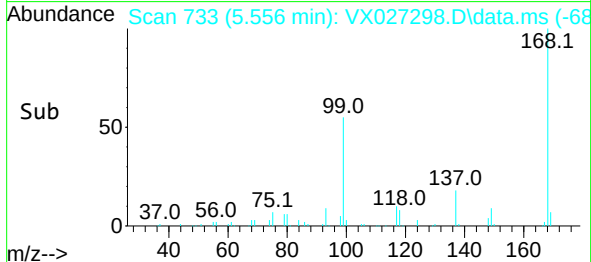
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 6760
Ion Ratio Lower Upper
168 100
99 54.9 50.3 75.5

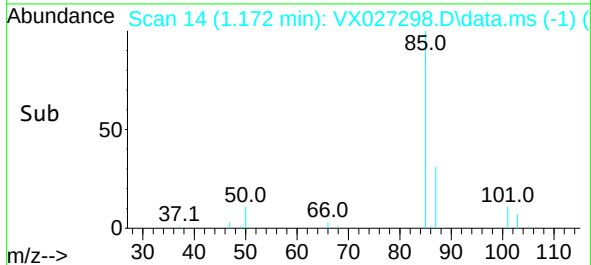
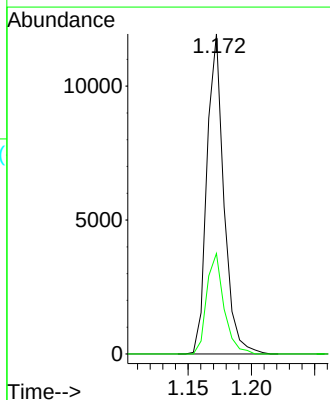
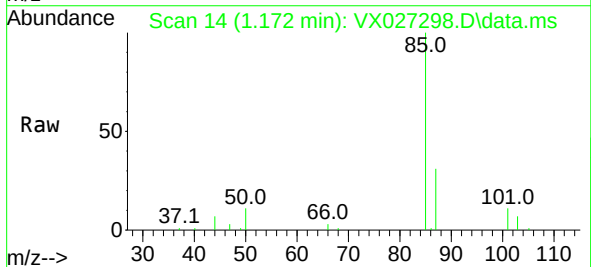
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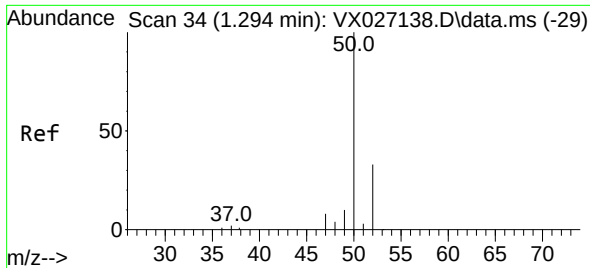
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#2
Dichlorodifluoromethane
Concen: 16.566 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

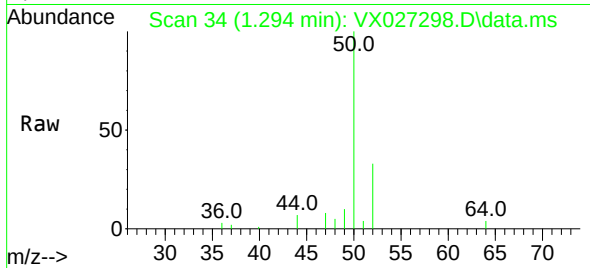
Tgt Ion: 85 Resp: 11132
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.1





#3
Chloromethane
Concen: 14.302 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

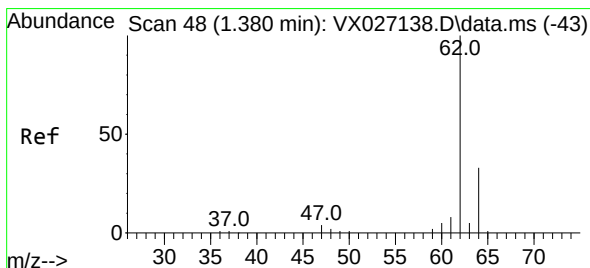
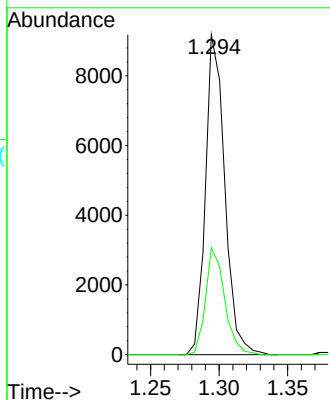
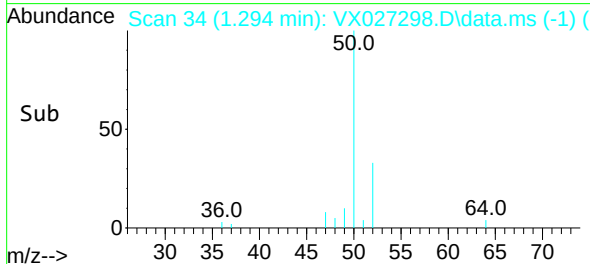
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ClientSampleId :
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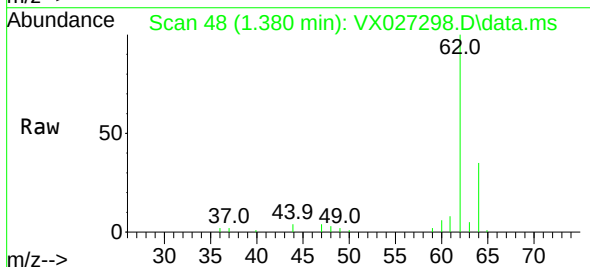
Tgt Ion: 50 Resp: 8984
Ion Ratio Lower Upper
50 100
52 33.4 26.1 39.1

Manual Integrations
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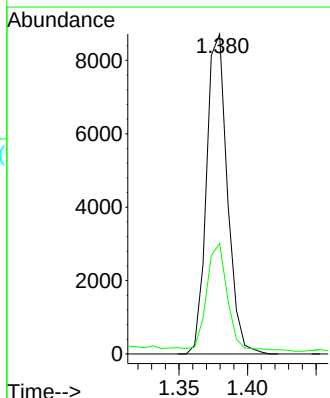
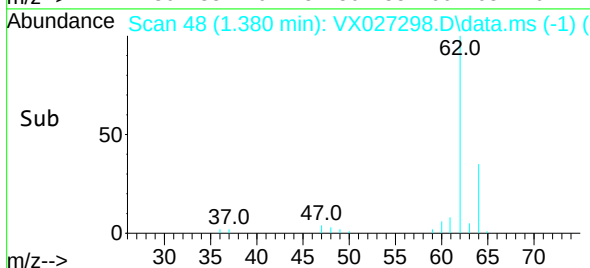
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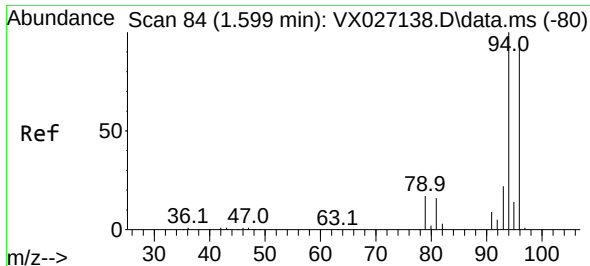


#4
Vinyl Chloride
Concen: 14.725 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



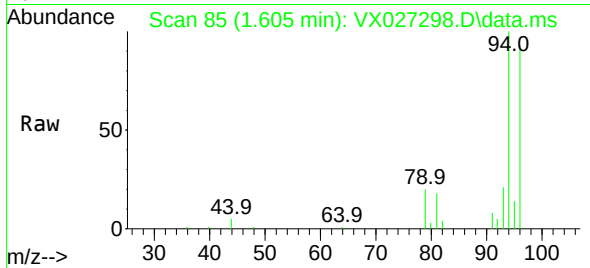
Tgt Ion: 62 Resp: 9213
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.2





#5
Bromomethane
Concen: 20.414 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

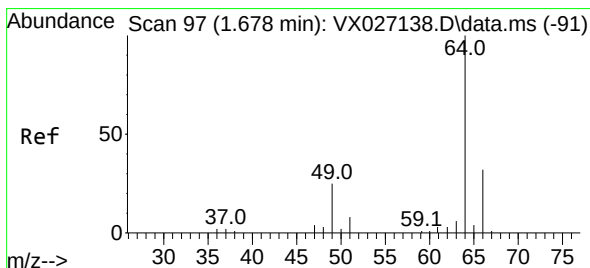
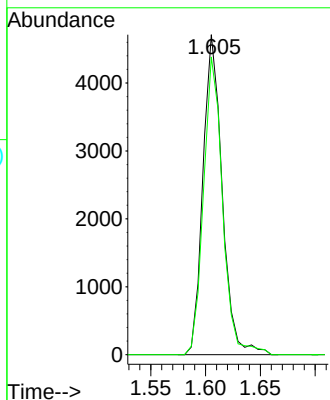
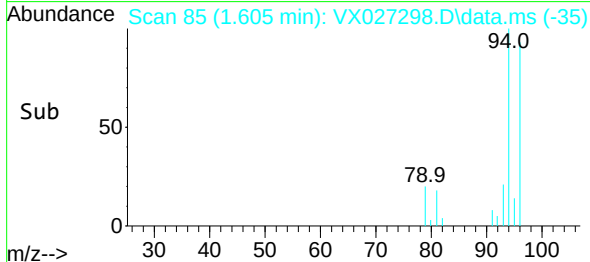
Instrument :
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Tgt Ion: 94 Resp: 573
Ion Ratio Lower Upper
94 100
96 93.1 75.9 113.9

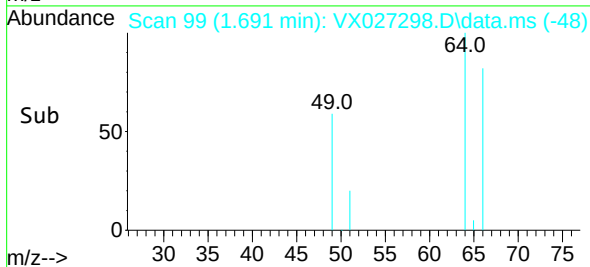
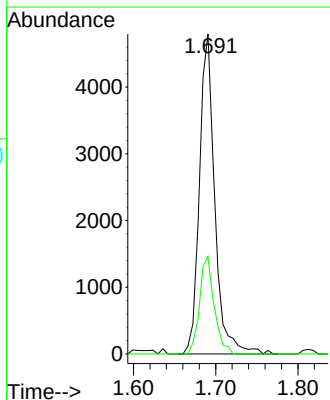
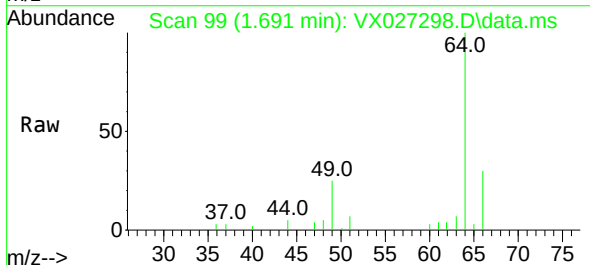
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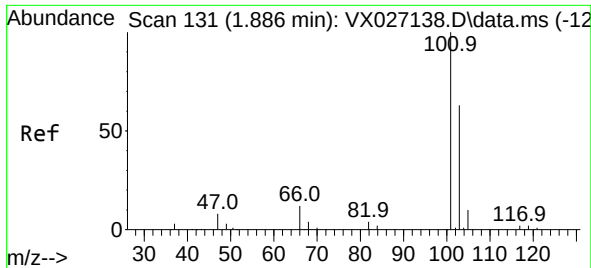
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#6
Chloroethane
Concen: 16.176 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Tgt Ion: 64 Resp: 6215
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2





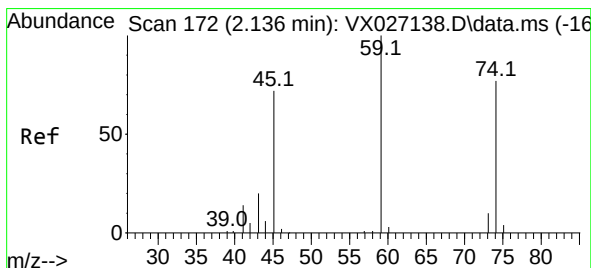
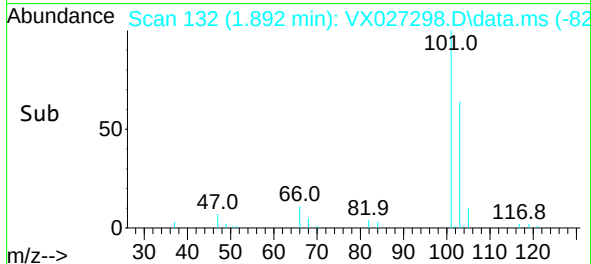
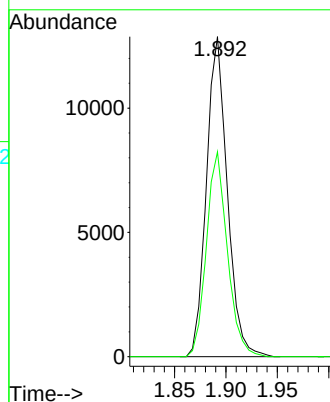
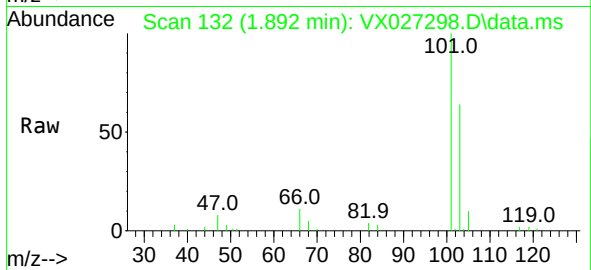
#7
 Trichlorofluoromethane
 Concen: 18.683 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX027298.D
 Acq: 04 Mar 2022 13:57

Instrument :
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Tgt Ion:101 Resp: 1818
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.3 76.9

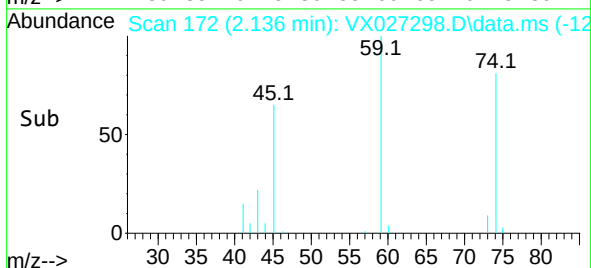
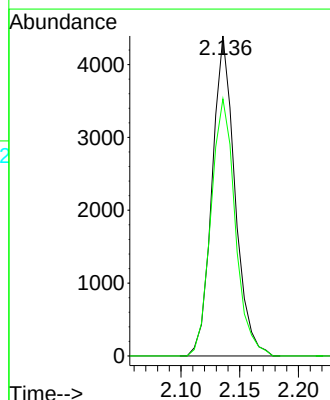
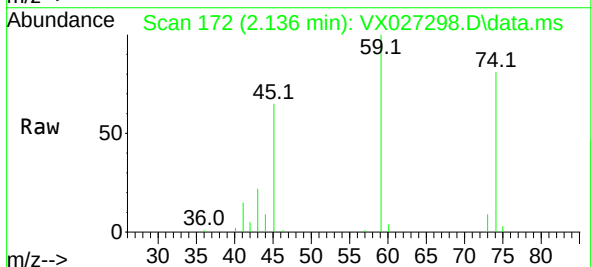
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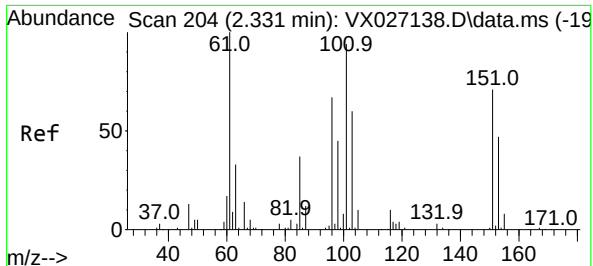
Reviewed By :John Carlone 03/07/2022
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#8
 Diethyl Ether
 Concen: 17.543 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX027298.D
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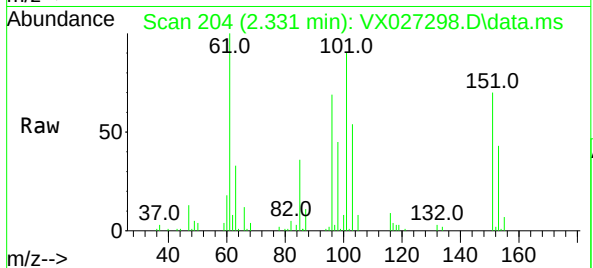
Tgt Ion: 74 Resp: 5942
 Ion Ratio Lower Upper
 74 100
 45 85.2 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.880 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

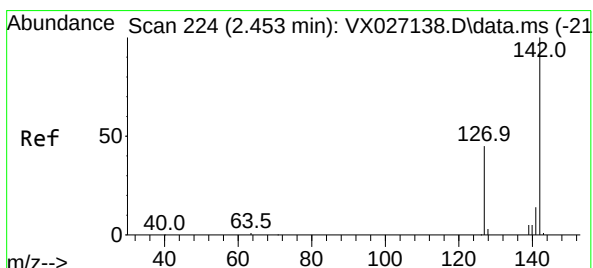
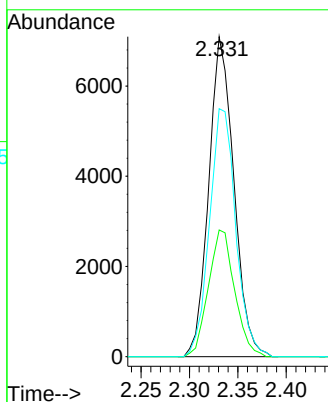
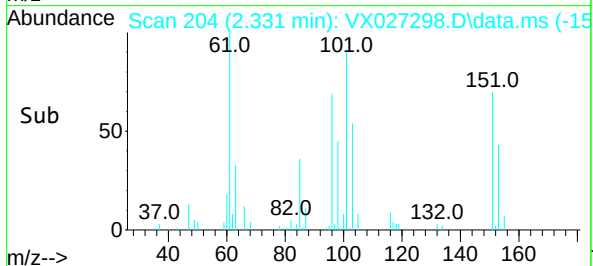
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



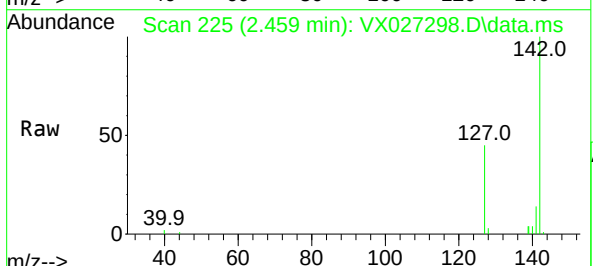
Tgt Ion:101 Resp: 12798
Ion Ratio Lower Upper
101 100
85 41.3 35.3 52.9
151 81.1 61.4 92.2

Manual Integrations
APPROVED

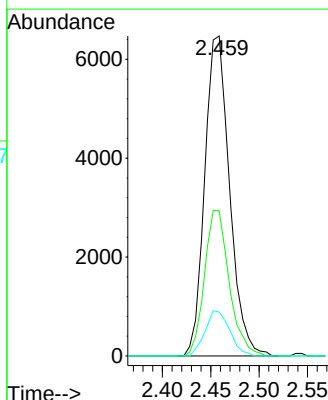
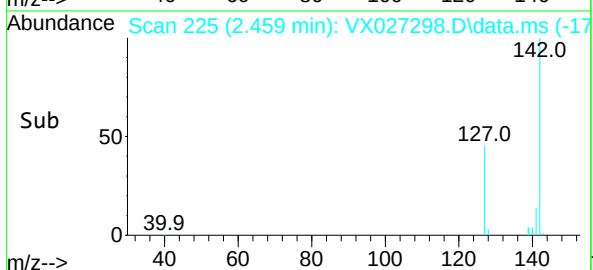
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

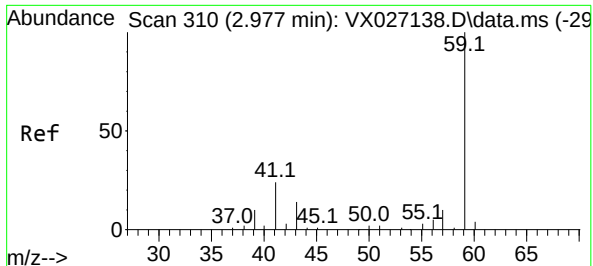


#10
Methyl Iodide
Concen: 12.718 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



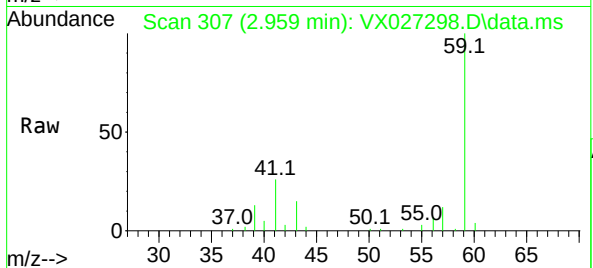
Tgt Ion:142 Resp: 11577
Ion Ratio Lower Upper
142 100
127 45.3 38.1 57.1
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 82.344 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

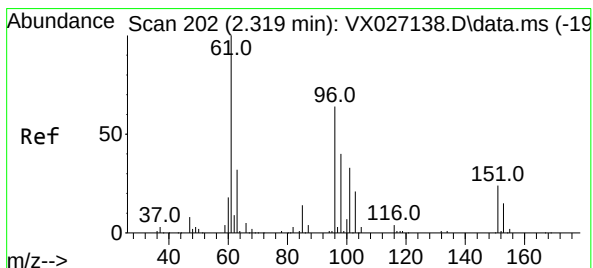
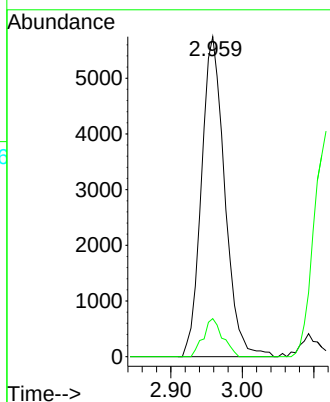
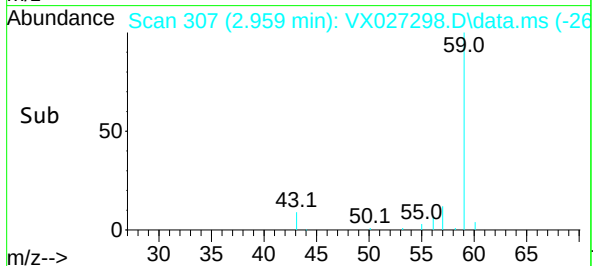
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



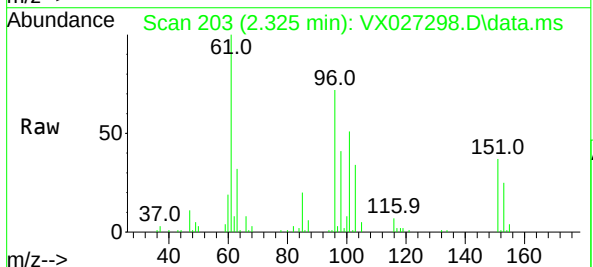
Tgt Ion: 59 Resp: 13008
Ion Ratio Lower Upper
59 100
57 9.9 7.2 10.8

Manual Integrations
APPROVED

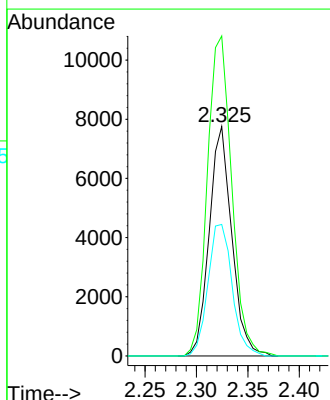
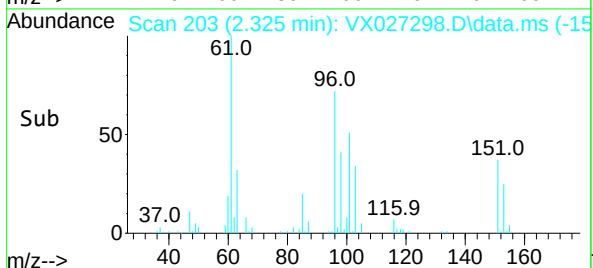
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

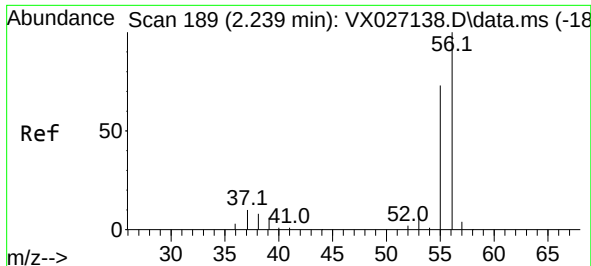


#12
1,1-Dichloroethene
Concen: 17.970 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



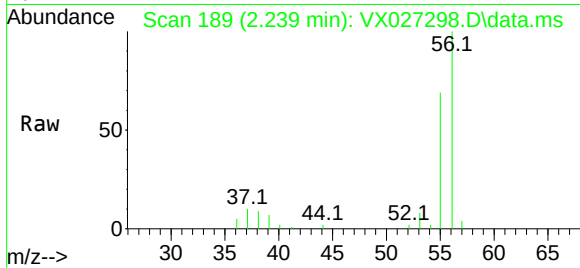
Tgt Ion: 96 Resp: 11827
Ion Ratio Lower Upper
96 100
61 139.4 138.5 207.7
98 57.3 51.8 77.6





#13
Acrolein
Concen: 85.081 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

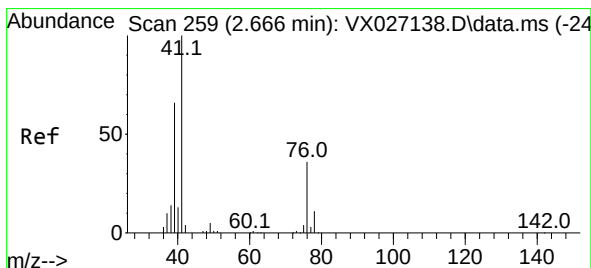
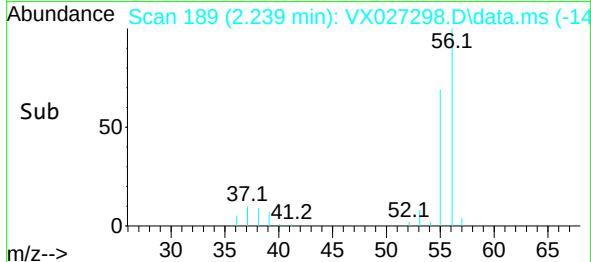
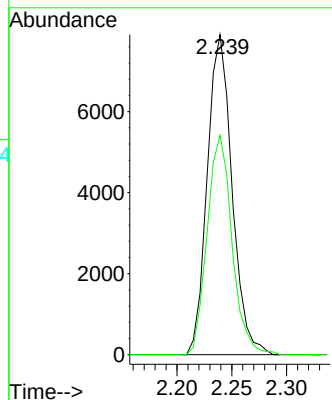
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



Tgt Ion: 56 Resp: 1242
Ion Ratio Lower Upper
56 100
55 68.7 56.9 85.3

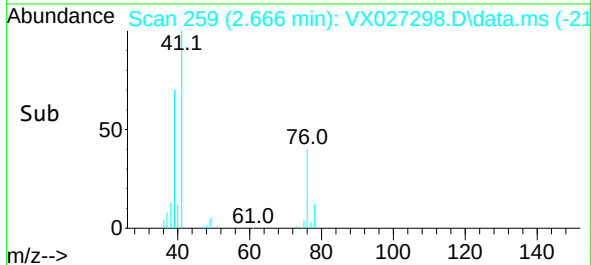
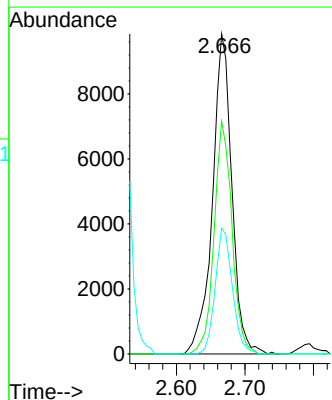
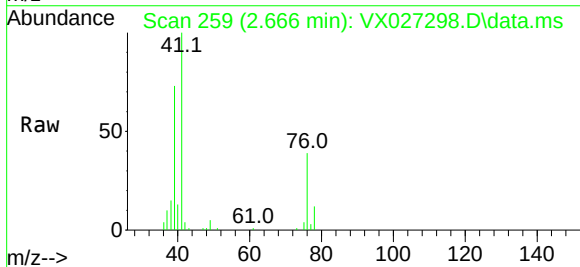
Manual Integrations
APPROVED

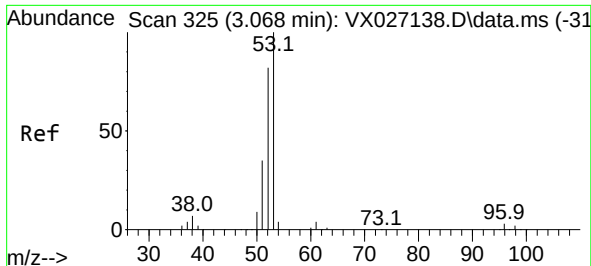
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#14
Allyl chloride
Concen: 16.703 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

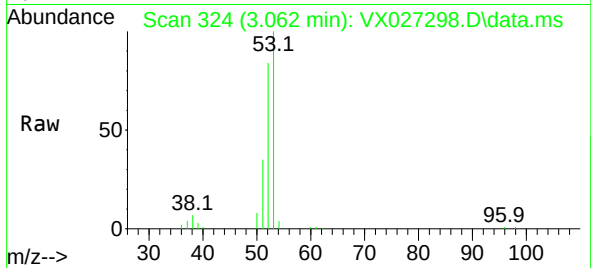
Tgt Ion: 41 Resp: 19355
Ion Ratio Lower Upper
41 100
39 67.0 54.2 81.4
76 34.8 25.2 37.8





#15
Acrylonitrile
Concen: 90.374 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

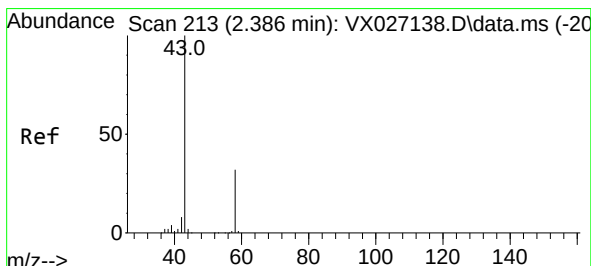
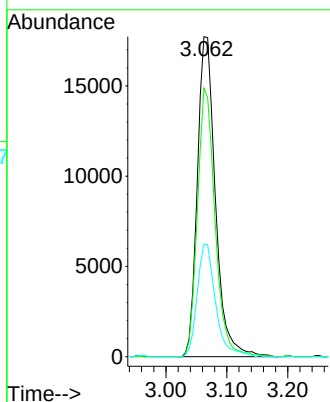
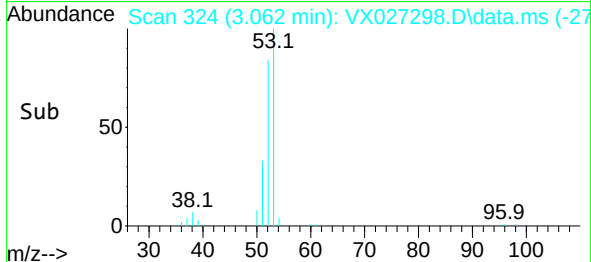
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



Tgt Ion: 53 Resp: 36634
Ion Ratio Lower Upper
53 100
52 81.7 66.6 100.0
51 35.8 29.5 44.3

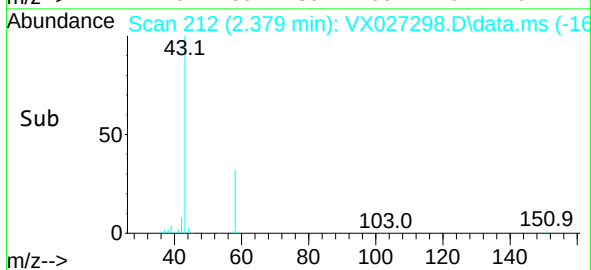
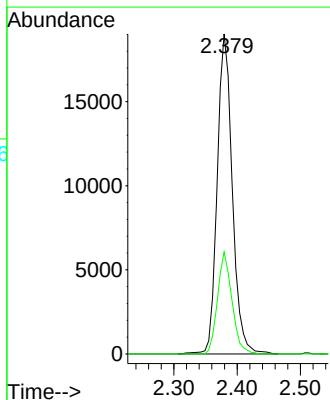
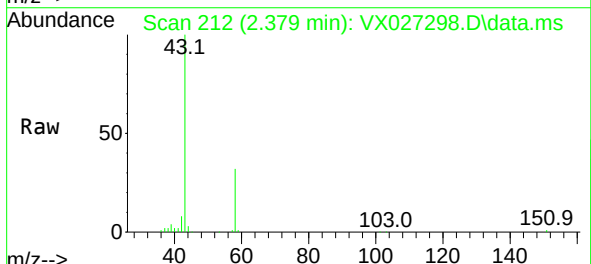
Manual Integrations
APPROVED

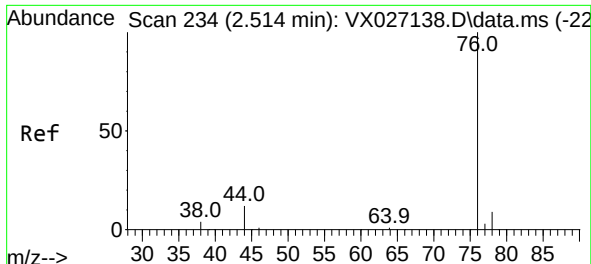
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#16
Acetone
Concen: 88.042 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

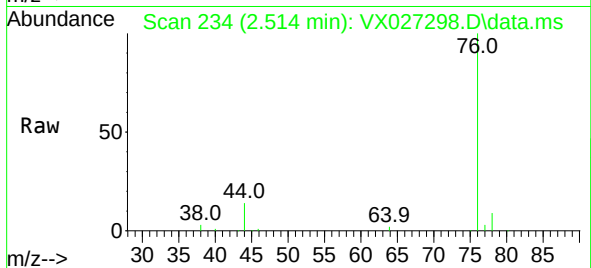
Tgt Ion: 43 Resp: 31385
Ion Ratio Lower Upper
43 100
58 31.9 23.0 34.6





#17
Carbon Disulfide
Concen: 15.743 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

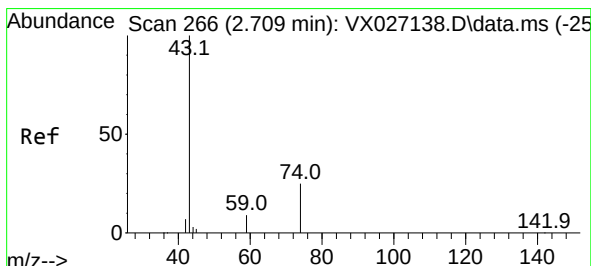
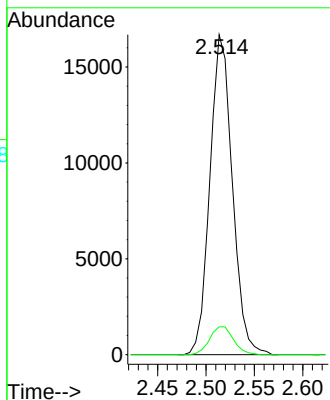
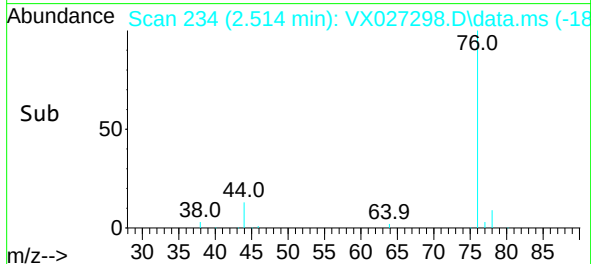
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



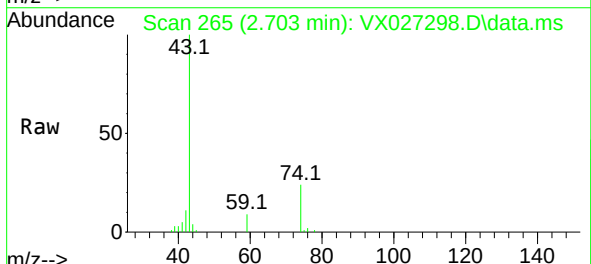
Tgt Ion: 76 Resp: 2694
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
APPROVED

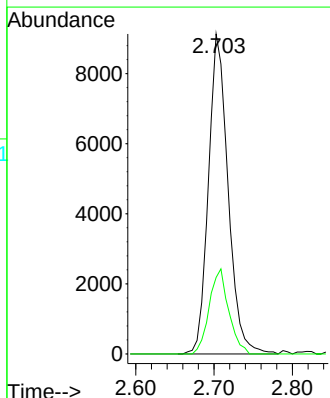
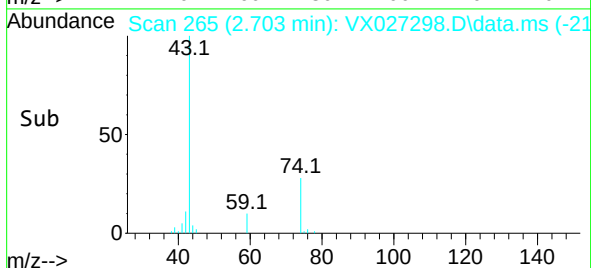
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

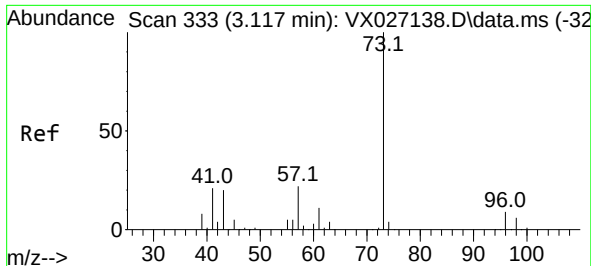


#18
Methyl Acetate
Concen: 17.288 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



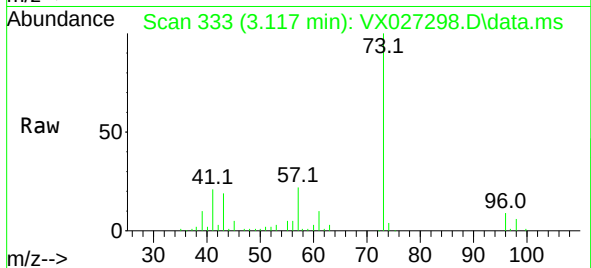
Tgt Ion: 43 Resp: 15907
Ion Ratio Lower Upper
43 100
74 26.3 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 18.776 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

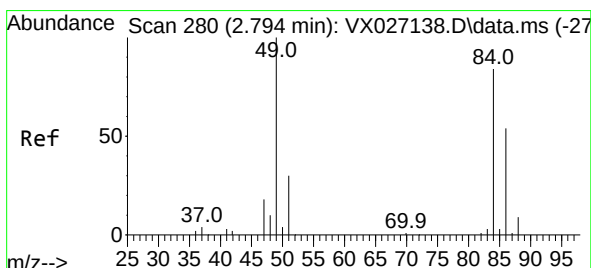
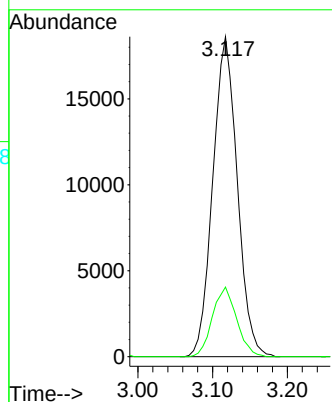
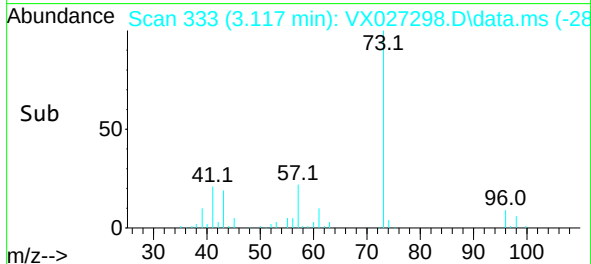
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



Tgt Ion: 73 Resp: 4240
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

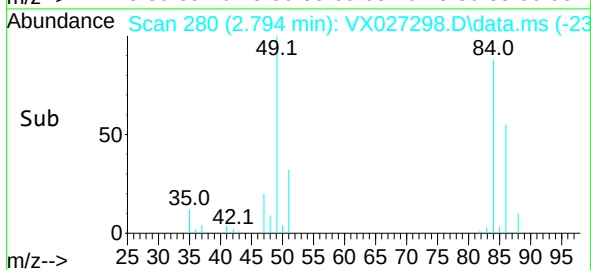
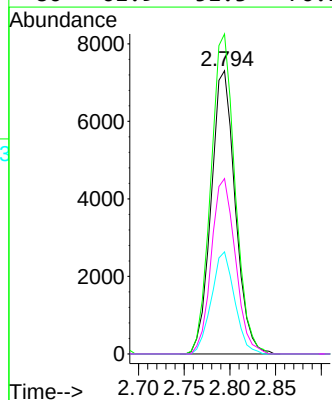
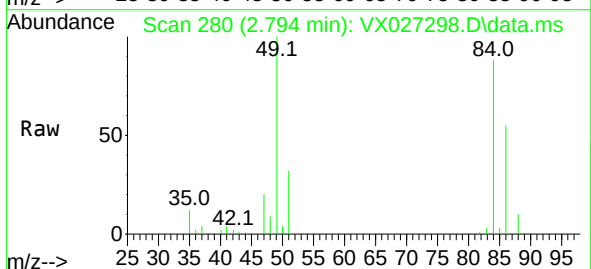
Manual Integrations
APPROVED

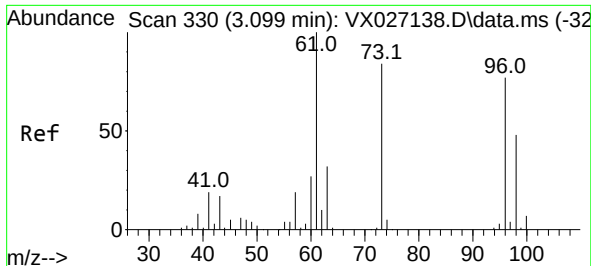
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20
Methylene Chloride
Concen: 18.129 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

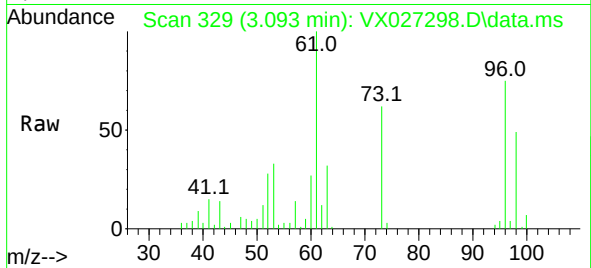
Tgt Ion: 84 Resp: 13395
Ion Ratio Lower Upper
84 100
49 113.0 101.5 152.3
51 36.1 31.2 46.8
86 61.9 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 18.073 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

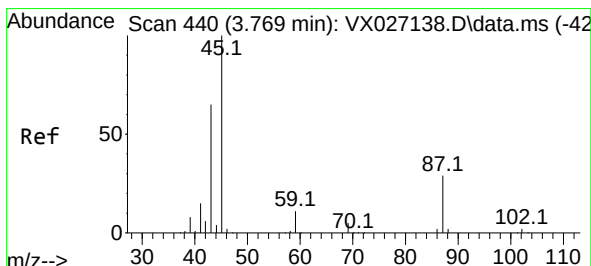
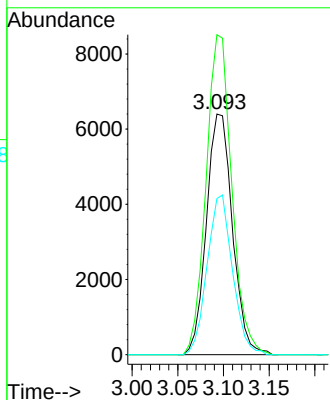
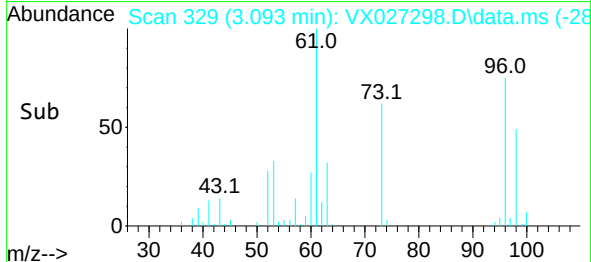
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



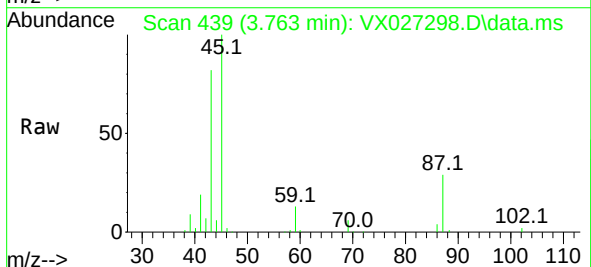
Tgt Ion: 96 Resp: 1268
Ion Ratio Lower Upper
96 100
61 133.0 112.9 169.3
98 64.9 49.5 74.3

Manual Integrations
APPROVED

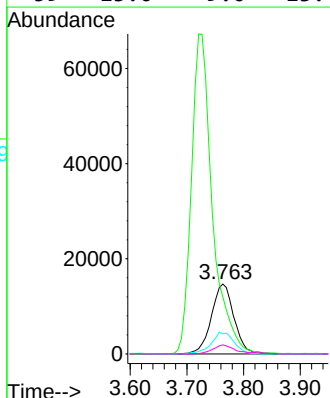
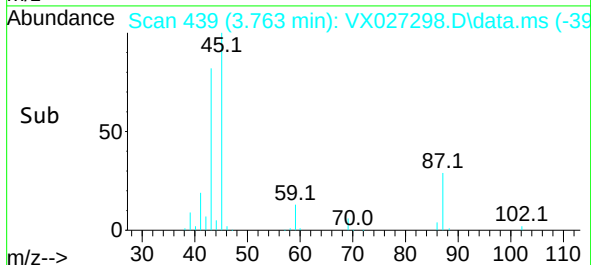
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

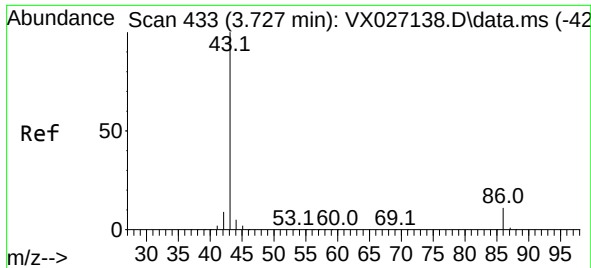


#22
Diisopropyl ether
Concen: 17.917 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



Tgt Ion: 45 Resp: 40475
Ion Ratio Lower Upper
45 100
43 80.6 60.6 91.0
87 28.5 22.0 33.0
59 13.0 9.0 13.4





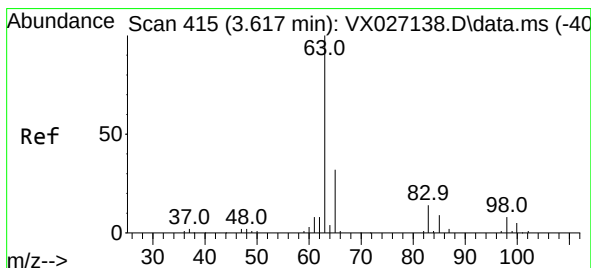
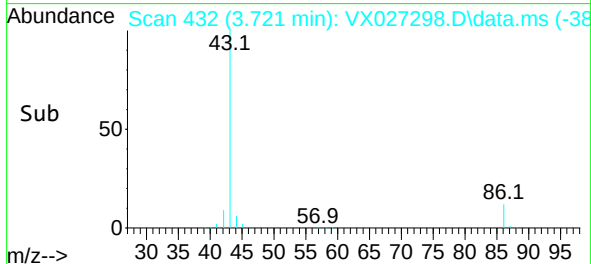
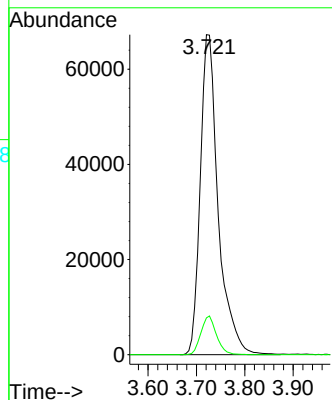
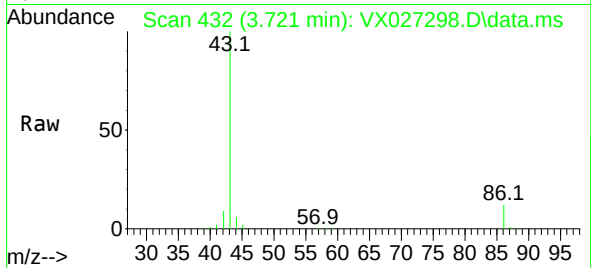
#23
 Vinyl Acetate
 Concen: 90.851 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX027298.D
 Acq: 04 Mar 2022 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD02

Tgt Ion: 43 Resp: 173300
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.1 12.1

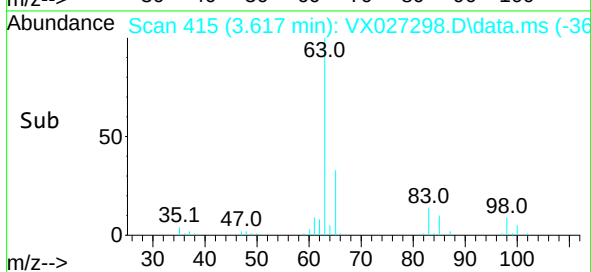
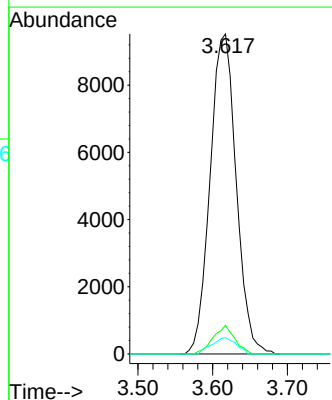
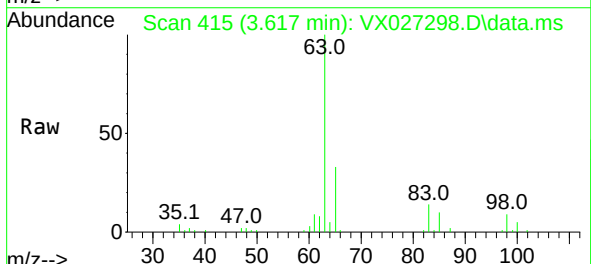
Manual Integrations
 APPROVED

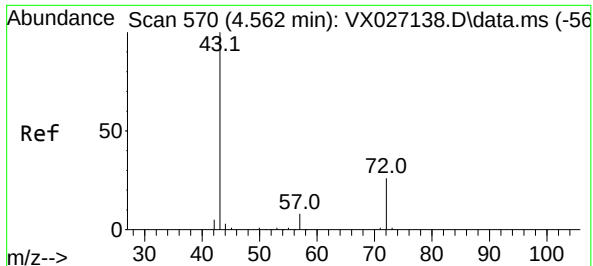
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#24
 1,1-Dichloroethane
 Concen: 18.102 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX027298.D
 Acq: 04 Mar 2022 13:57

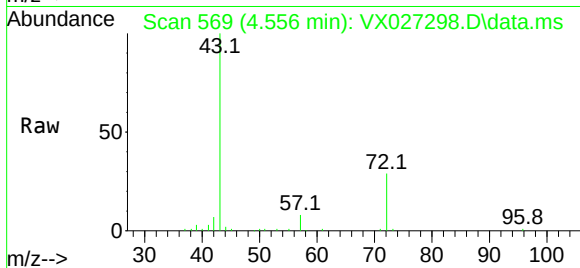
Tgt Ion: 63 Resp: 23116
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.7 11.1
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 86.009 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

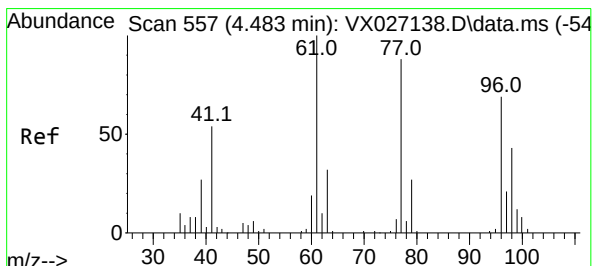
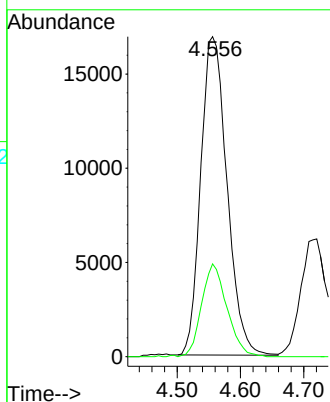
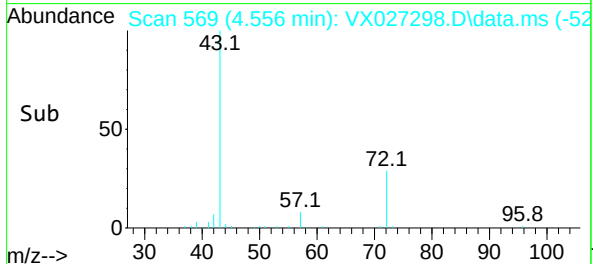
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



Tgt Ion: 43 Resp: 48828
Ion Ratio Lower Upper
43 100
72 29.1 20.4 30.6

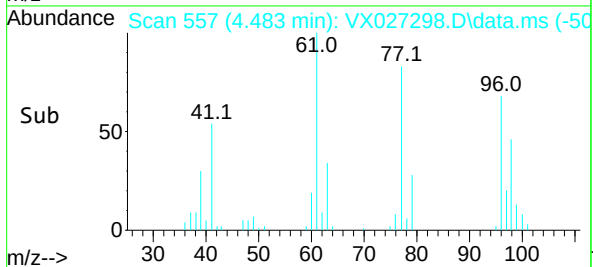
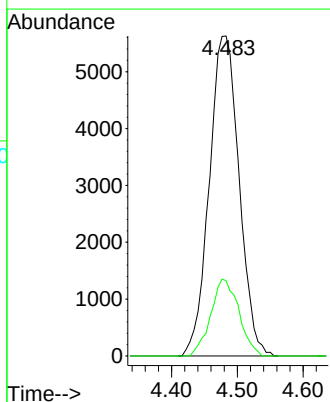
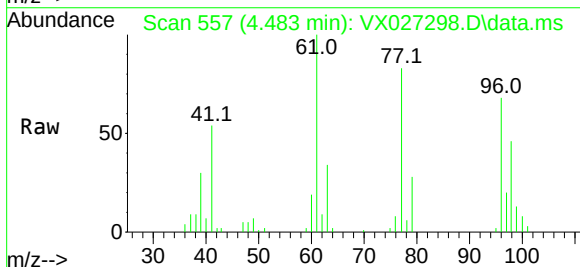
Manual Integrations
APPROVED

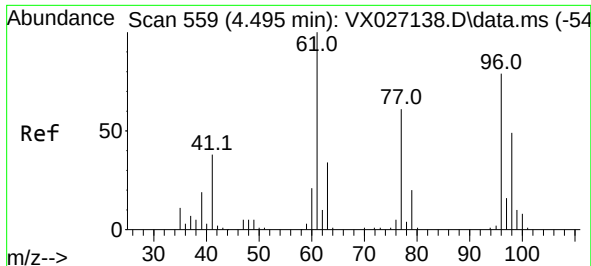
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
2,2-Dichloropropane
Concen: 19.184 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Tgt Ion: 77 Resp: 17772
Ion Ratio Lower Upper
77 100
97 22.6 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 18.276 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

Tgt Ion: 96 Resp: 1487

Ion Ratio Lower Upper

96 100

61 139.5 0.0 296.6

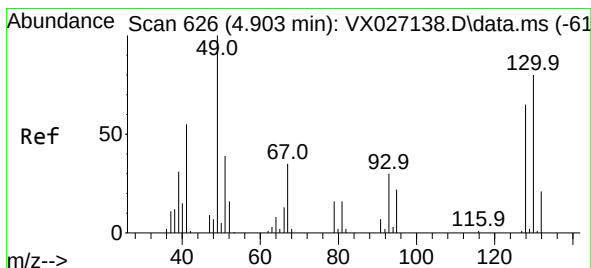
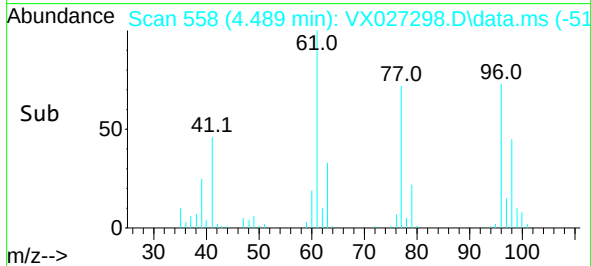
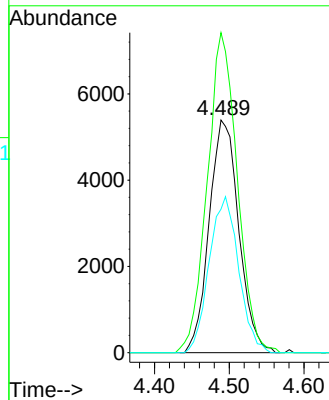
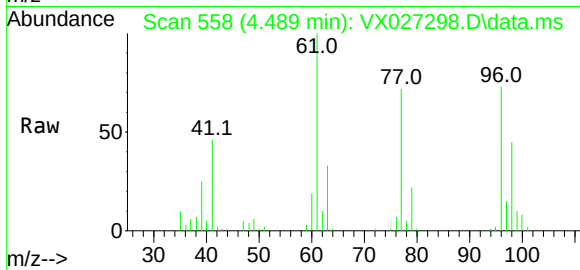
98 66.7 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#28

Bromochloromethane

Concen: 17.910 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

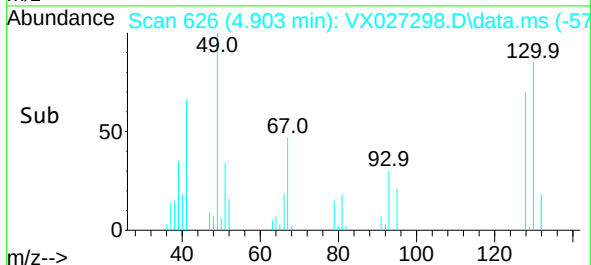
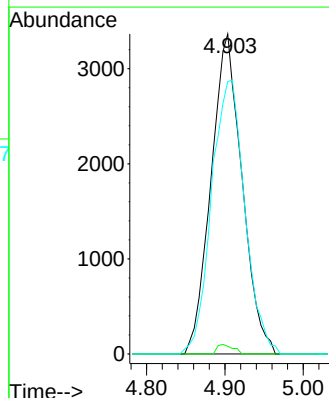
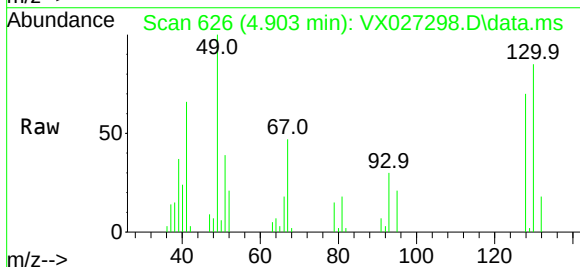
Tgt Ion: 49 Resp: 9253

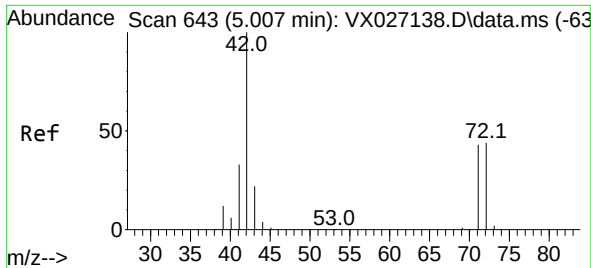
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.2

130 92.0 62.4 93.6





#29

Tetrahydrofuran

Concen: 82.662 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

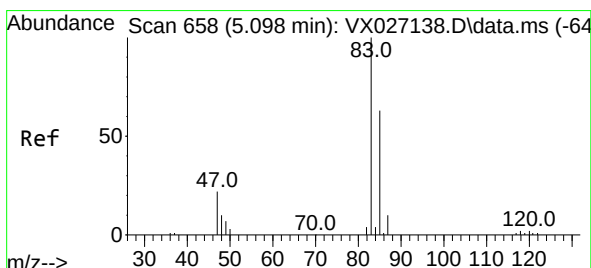
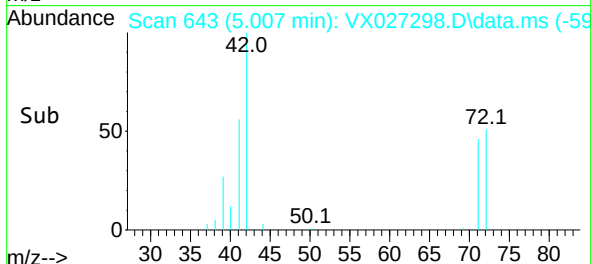
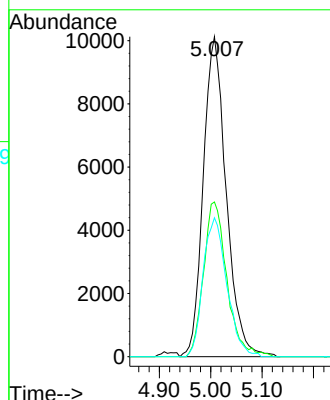
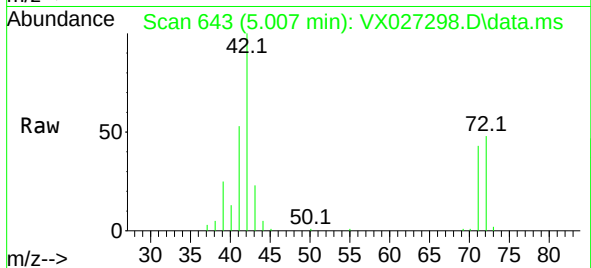
Tgt Ion:	42	Resp:	31408
Ion	Ratio	Lower	Upper
42	100		
72	49.1	34.6	52.0
71	44.9	31.8	47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#30

Chloroform

Concen: 18.459 ug/l

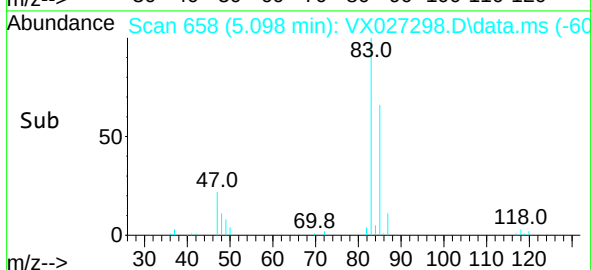
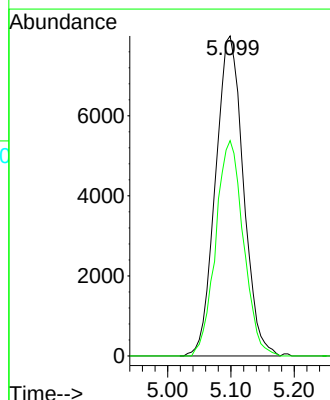
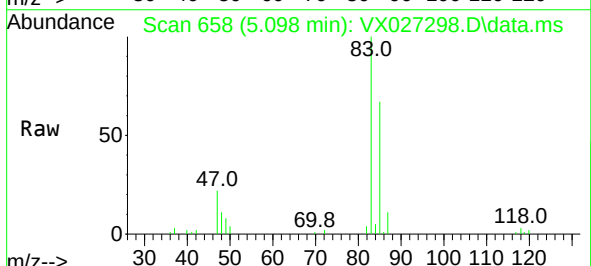
RT: 5.098 min Scan# 658

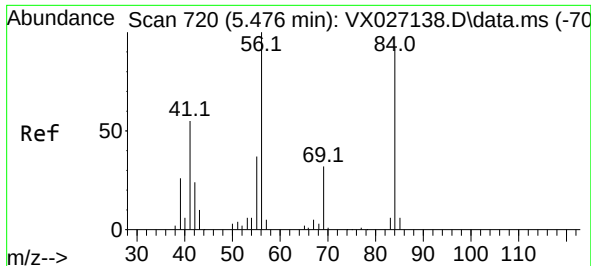
Delta R.T. 0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

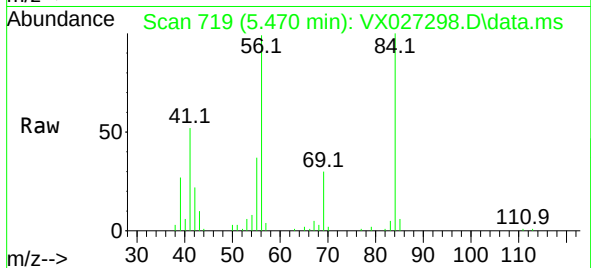
Tgt Ion:	83	Resp:	24484
Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.6	77.4





#31
Cyclohexane
Concen: 16.504 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

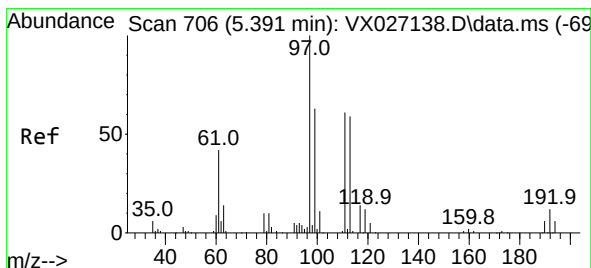
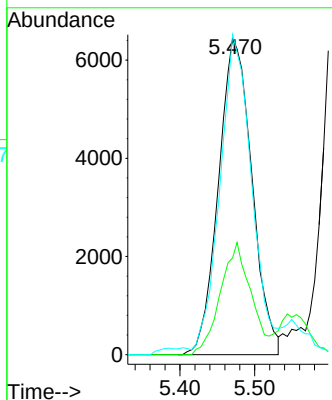
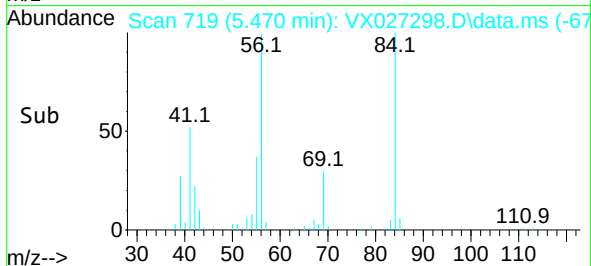
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



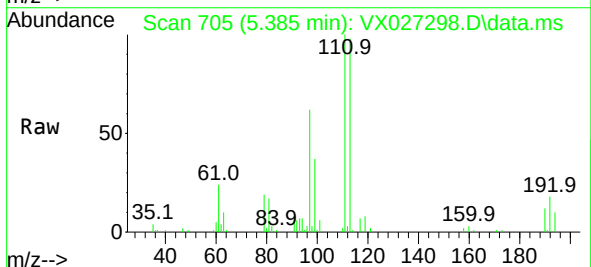
Tgt Ion: 56 Resp: 20068
Ion Ratio Lower Upper
56 100
69 30.5 25.8 38.6
84 99.1 68.9 103.3

Manual Integrations
APPROVED

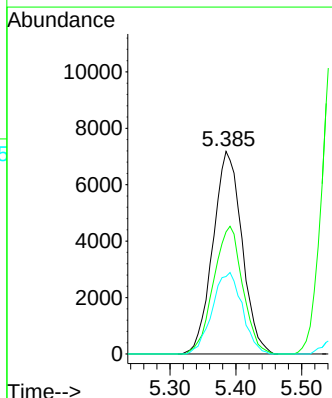
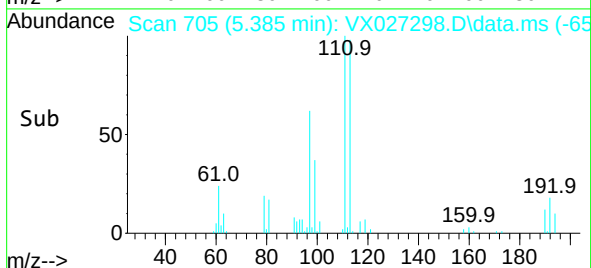
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

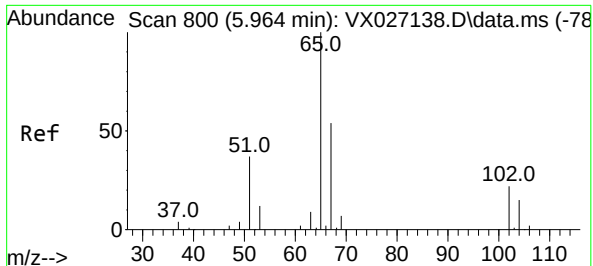


#32
1,1,1-Trichloroethane
Concen: 19.226 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



Tgt Ion: 97 Resp: 22076
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 41.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.849 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

Tgt Ion: 65 Resp: 4128

Ion Ratio Lower Upper

65 100

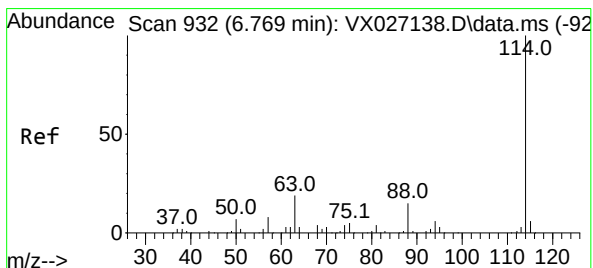
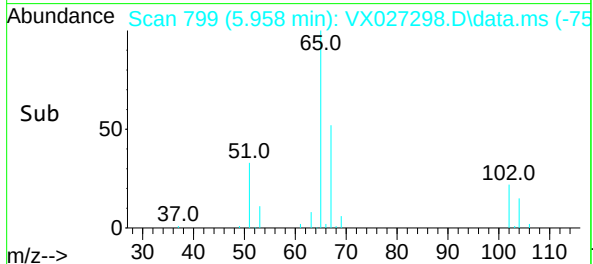
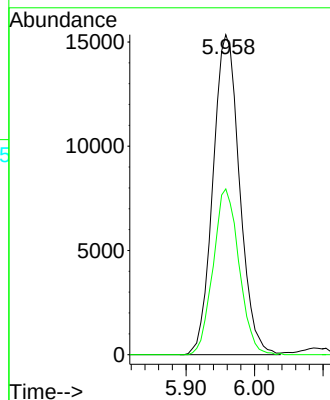
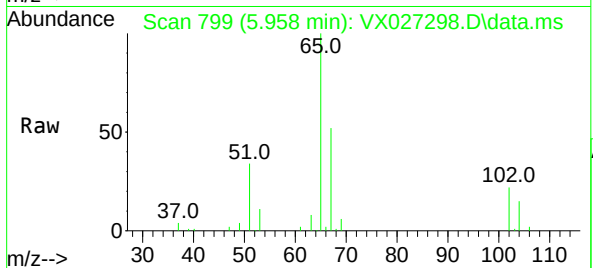
67 50.5 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

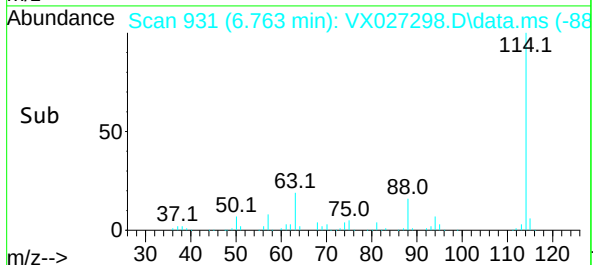
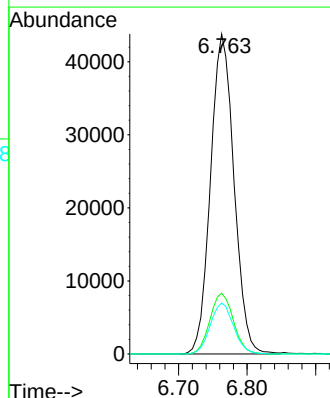
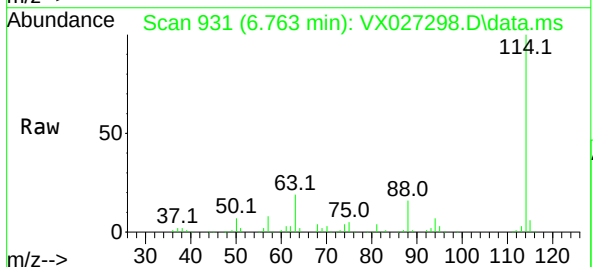
Tgt Ion:114 Resp: 104166

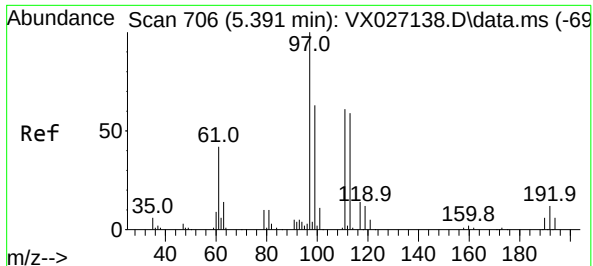
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.8

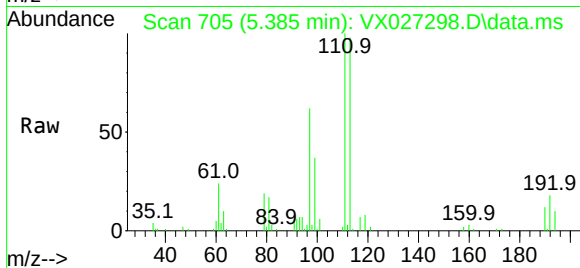
88 15.9 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.477 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

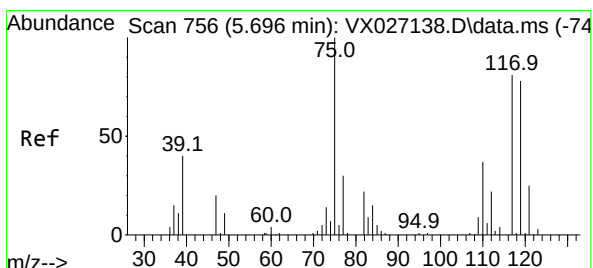
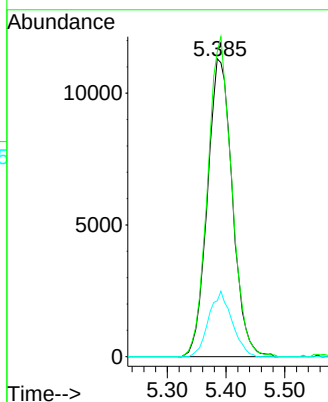
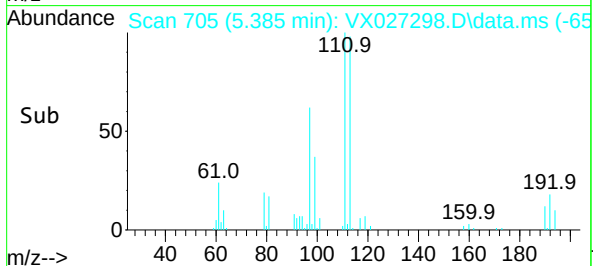
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



Tgt Ion: 113 Resp: 33284
Ion Ratio Lower Upper
113 100
111 104.0 81.2 121.8
192 20.5 15.0 22.4

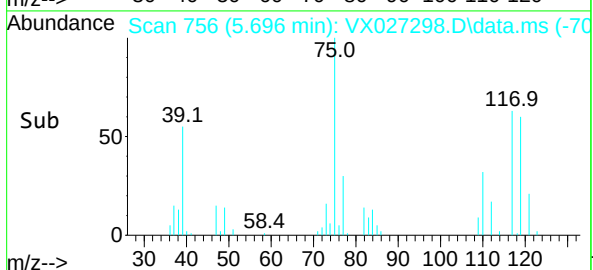
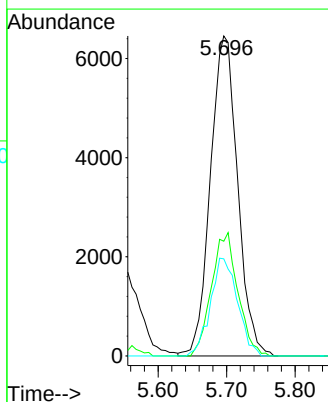
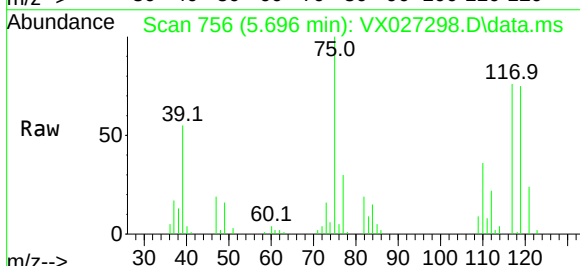
Manual Integrations
APPROVED

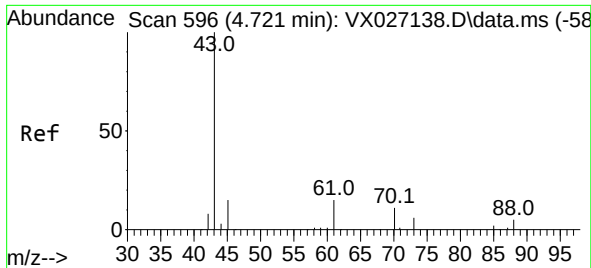
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#36
1,1-Dichloropropene
Concen: 18.874 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Tgt Ion: 75 Resp: 17810
Ion Ratio Lower Upper
75 100
110 37.4 17.2 51.6
77 30.4 24.6 36.8





#37

Ethyl Acetate

Concen: 18.387 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

Tgt Ion: 43 Resp: 19050

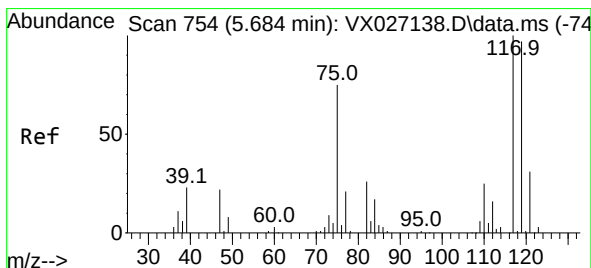
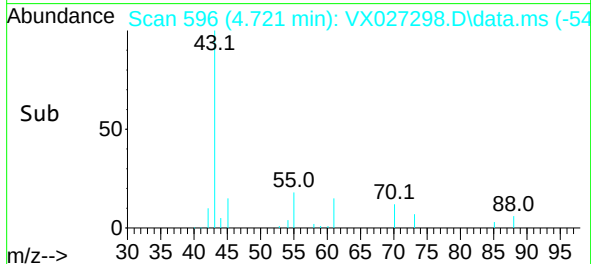
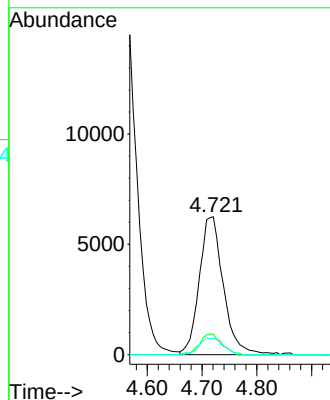
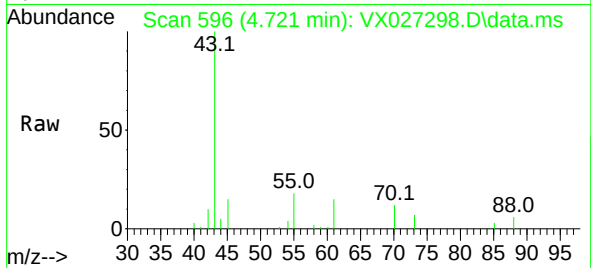
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	16.0
70	12.0	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#38

Carbon Tetrachloride

Concen: 20.047 ug/l

RT: 5.678 min Scan# 753

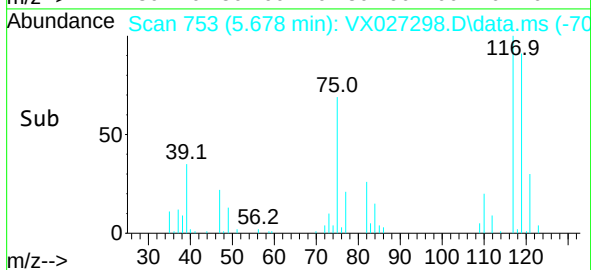
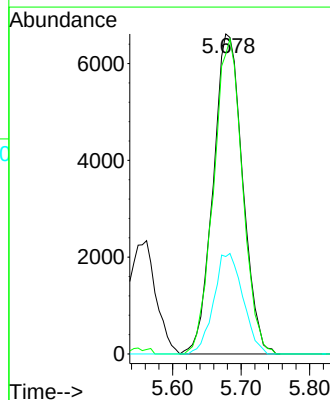
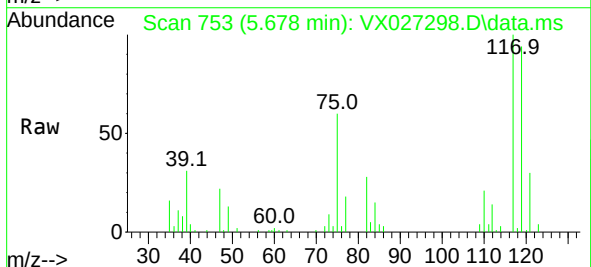
Delta R.T. -0.006 min

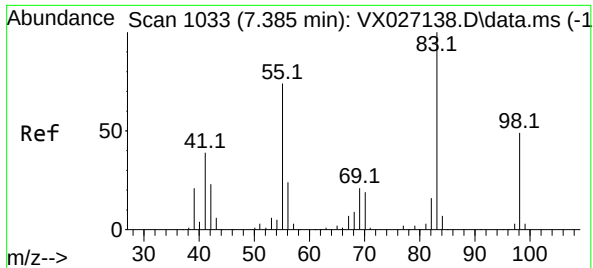
Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Tgt Ion:117 Resp: 19730

Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.7	112.1
121	30.4	25.4	38.0





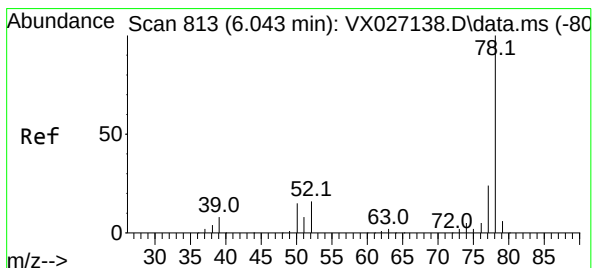
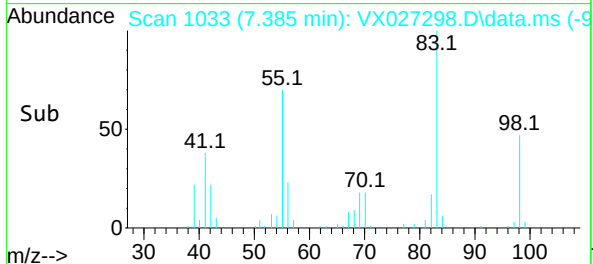
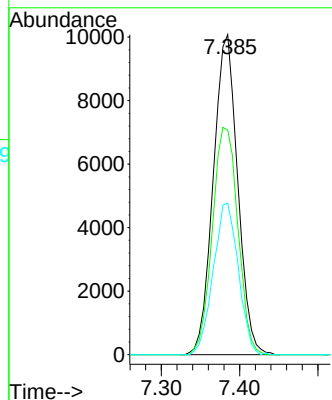
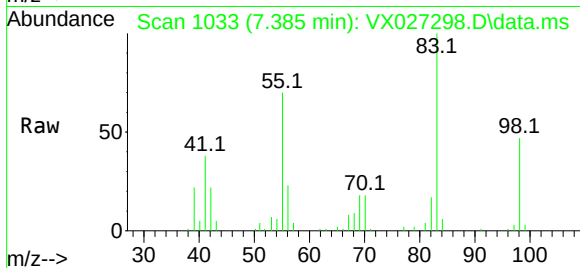
#39
Methylcyclohexane
Concen: 18.584 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02

Tgt Ion: 83 Resp: 21814
Ion Ratio Lower Upper
83 100
55 70.2 63.6 95.4
98 47.4 38.4 57.6

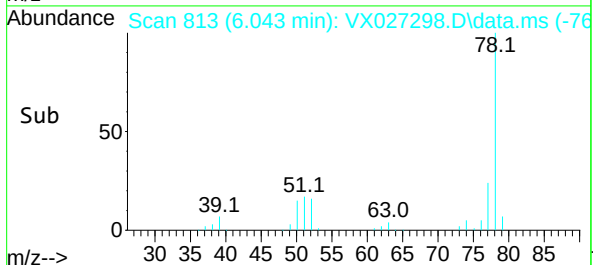
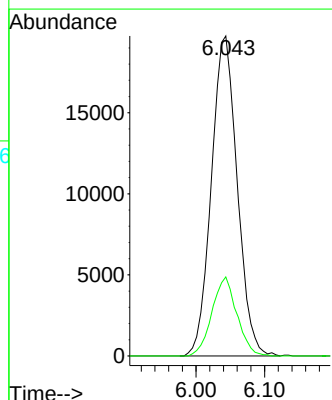
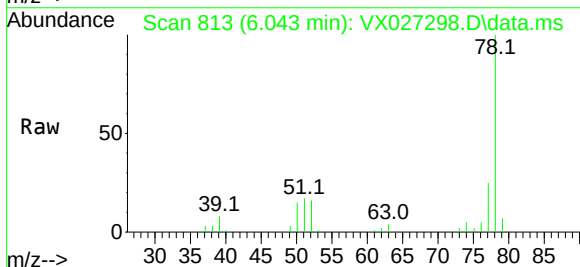
Manual Integrations
APPROVED

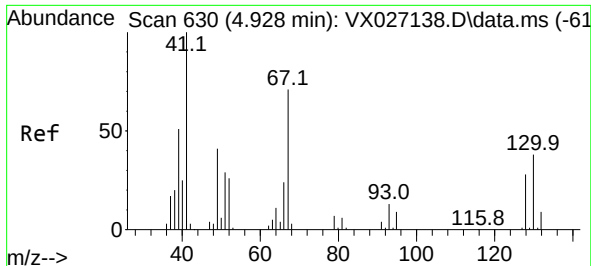
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#40
Benzene
Concen: 18.743 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Tgt Ion: 78 Resp: 51723
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3





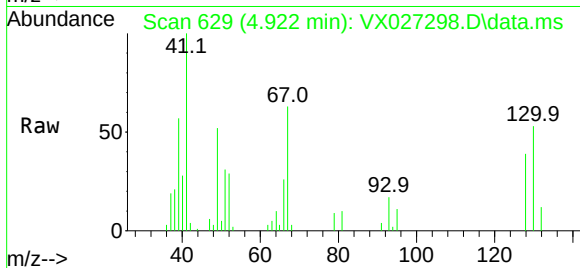
#41
Methacrylonitrile
Concen: 17.785 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02



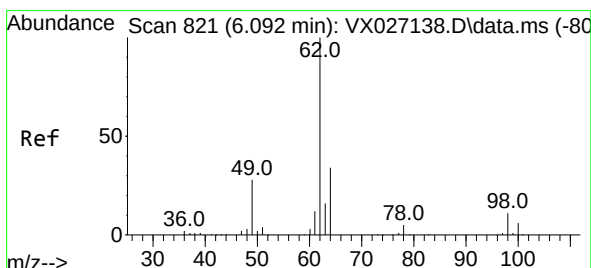
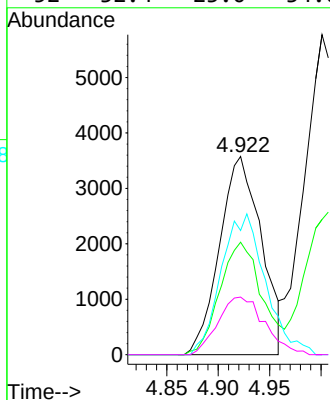
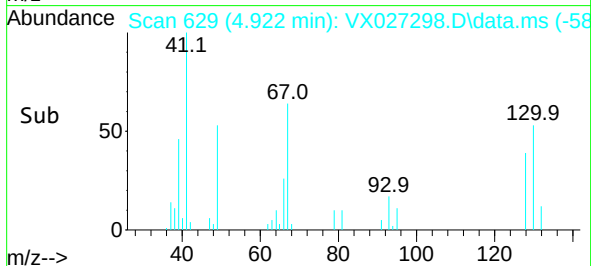
Tgt Ion: 41 Resp: 1010
Ion Ratio Lower Upper
41 100
39 57.9 45.4 68.0
67 75.1 53.2 79.8
52 32.4 23.0 34.6

Manual Integrations

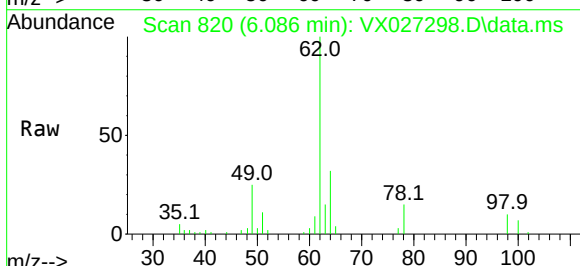
APPROVED

Reviewed By :John Carlone 03/07/2022

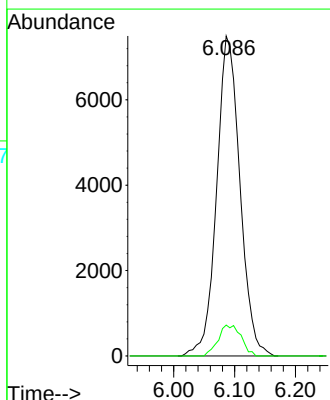
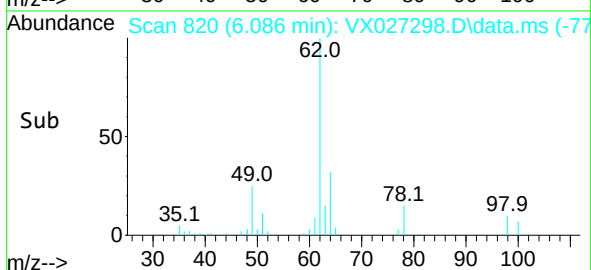
Supervised By :Mahesh Dadoda 03/07/2022

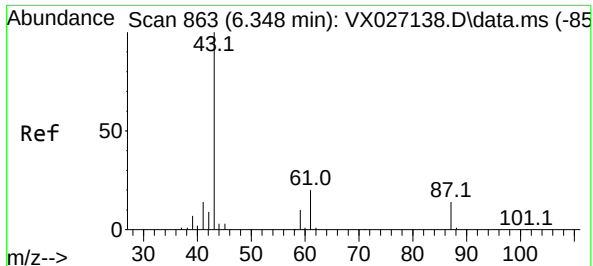


#42
1,2-Dichloroethane
Concen: 20.346 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



Tgt Ion: 62 Resp: 19918
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.8





#43

Isopropyl Acetate

Concen: 18.502 ug/l

RT: 6.342 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX027298.D

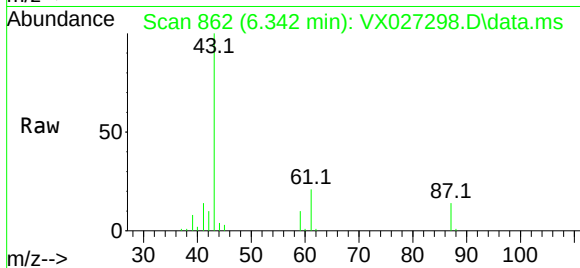
Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02



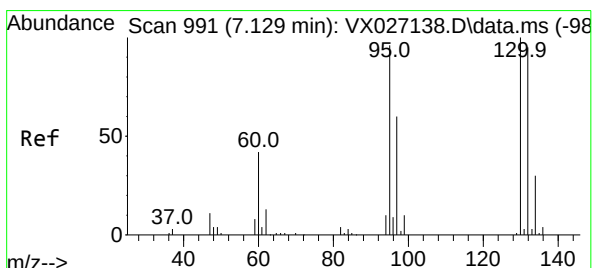
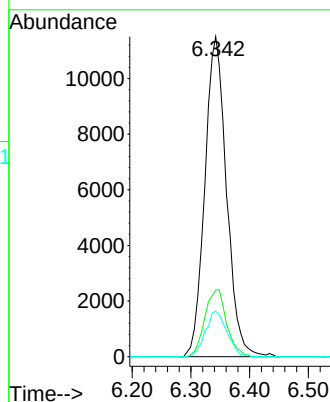
Tgt Ion: 43	Resp: 2948
Ion Ratio	Lower Upper
43 100	
61 21.0	15.4 23.0
87 14.1	10.2 15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#44

Trichloroethene

Concen: 18.766 ug/l

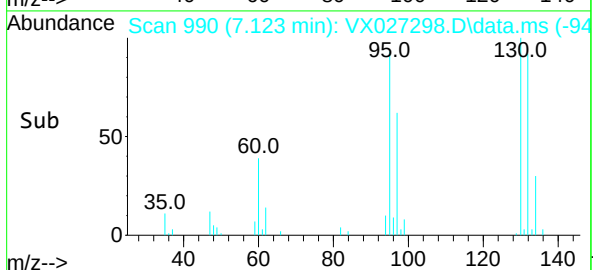
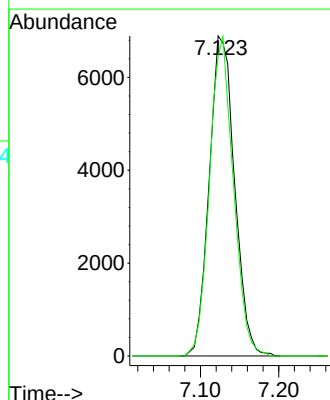
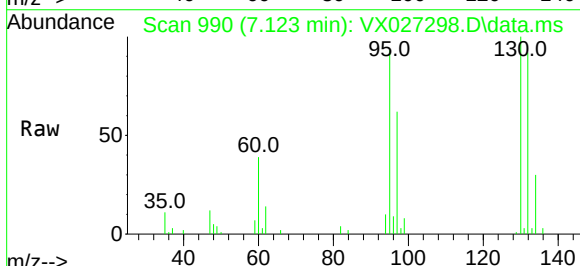
RT: 7.123 min Scan# 990

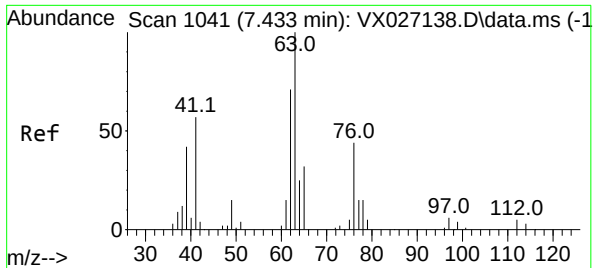
Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Tgt Ion:130	Resp: 15491
Ion Ratio	Lower Upper
130 100	
95 93.5	0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.092 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

Tgt Ion: 63 Resp: 1287

Ion Ratio Lower Upper

63 100

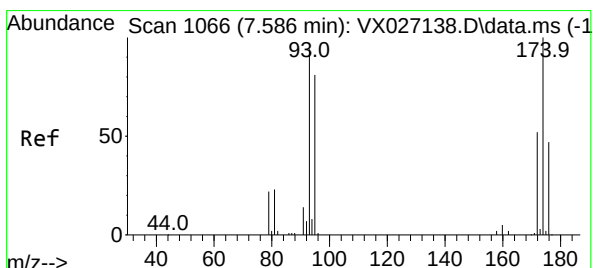
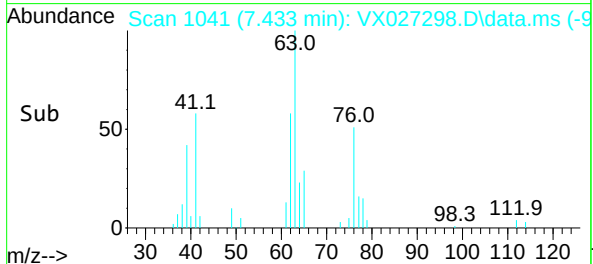
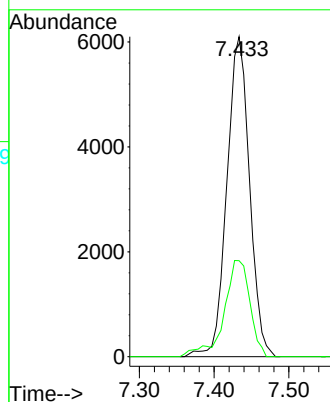
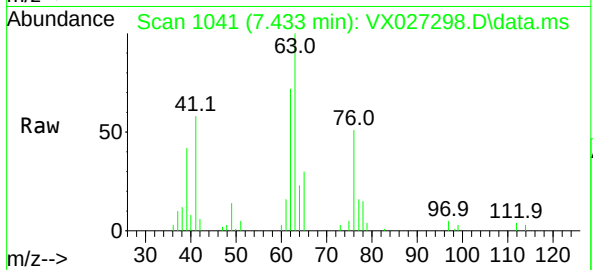
65 30.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

Dibromomethane

Concen: 19.957 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

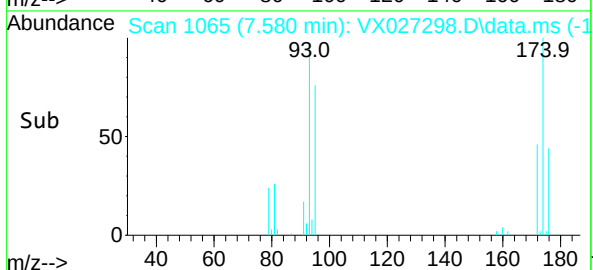
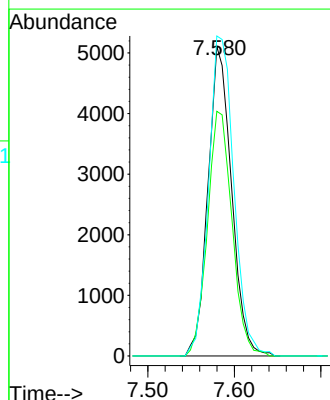
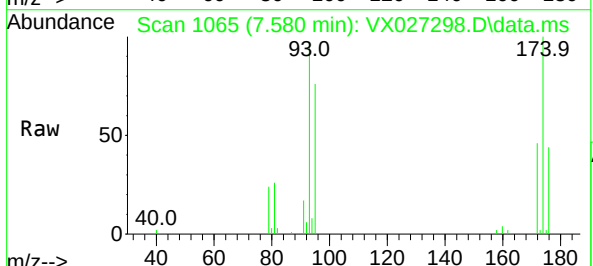
Tgt Ion: 93 Resp: 9665

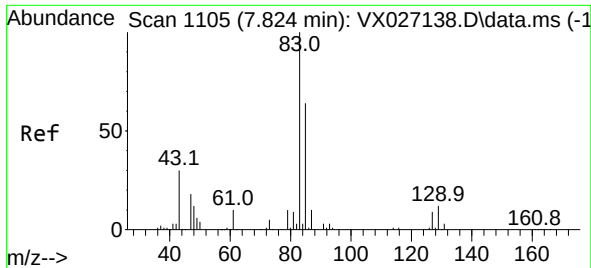
Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

174 110.8 78.7 118.1





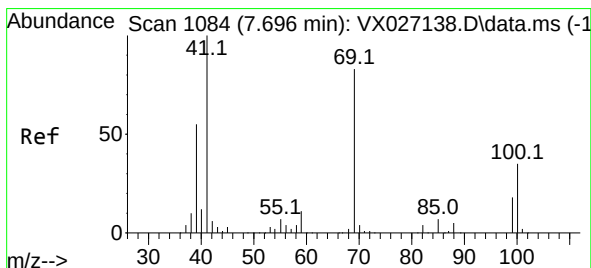
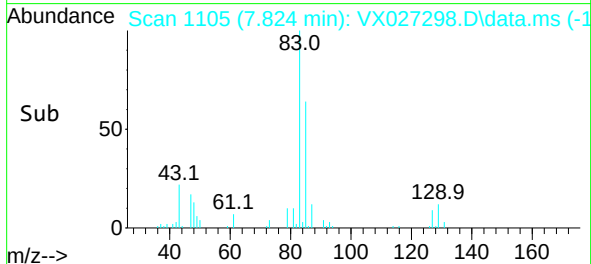
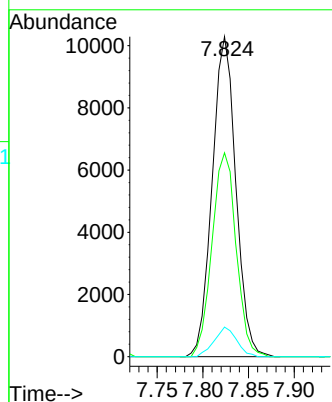
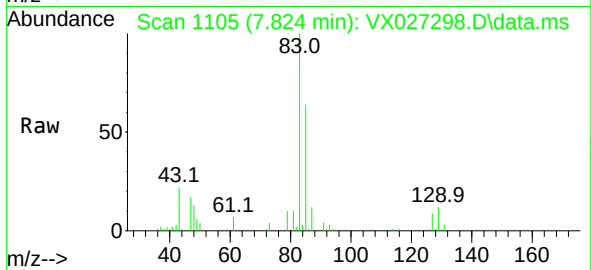
#47
Bromodichloromethane
Concen: 19.577 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02

Tgt Ion: 83 Resp: 1850
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.0
127 9.3 6.9 10.3

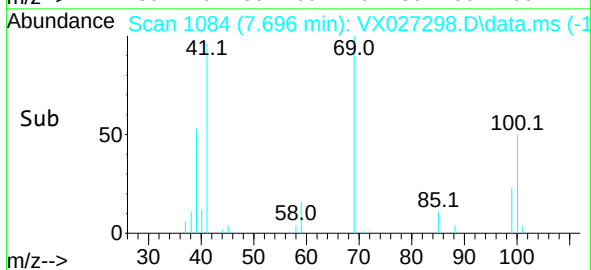
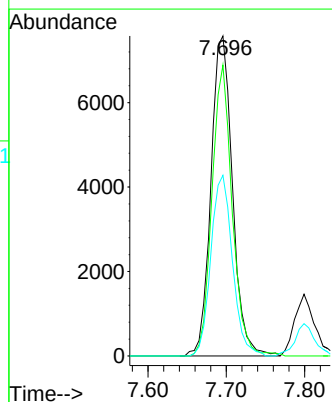
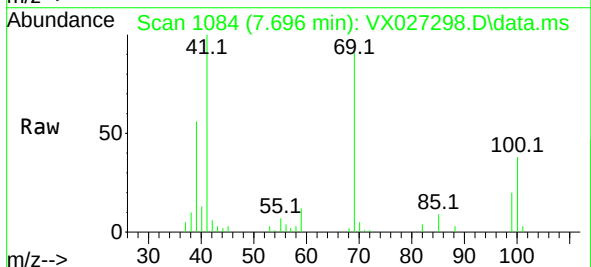
Manual Integrations
APPROVED

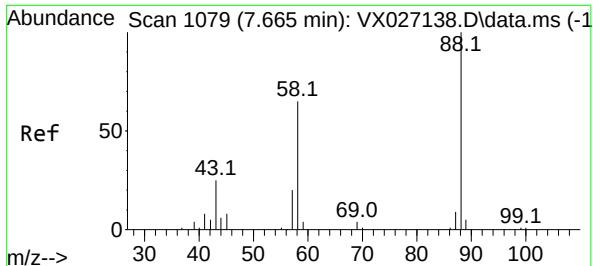
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#48
Methyl methacrylate
Concen: 18.781 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Tgt Ion: 41 Resp: 14489
Ion Ratio Lower Upper
41 100
69 85.5 62.2 93.4
39 56.5 45.4 68.0





#49

1,4-Dioxane

Concen: 347.004 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

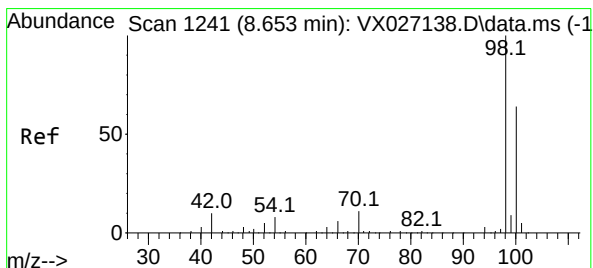
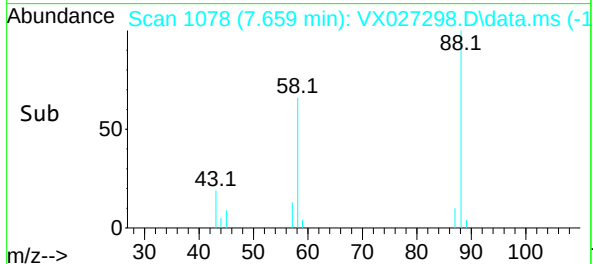
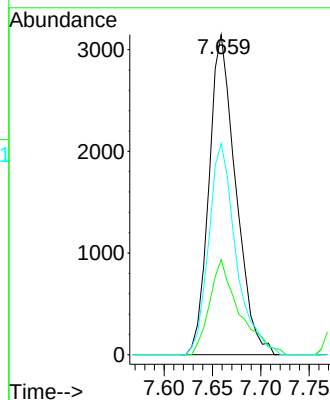
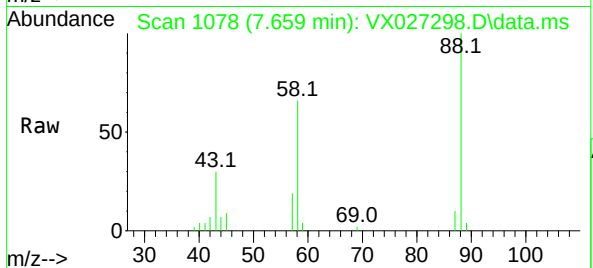
Tgt Ion: 88	Resp: 6052
Ion Ratio	Lower Upper
88 100	
43 33.0	29.9 44.9
58 67.4	57.8 86.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

Toluene-d8

Concen: 49.357 ug/l

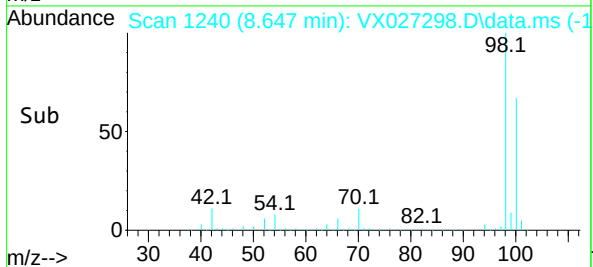
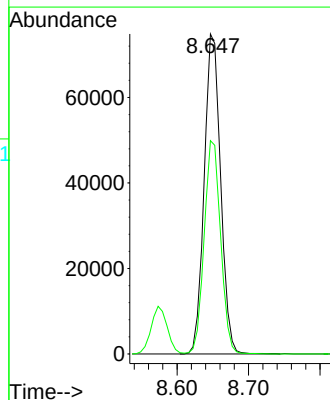
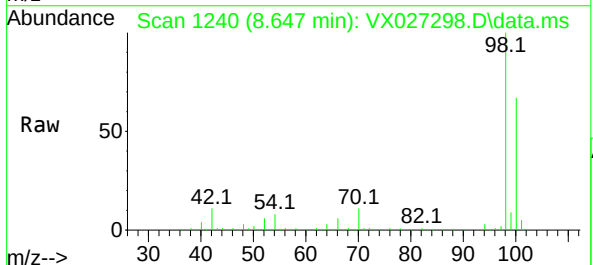
RT: 8.647 min Scan# 1240

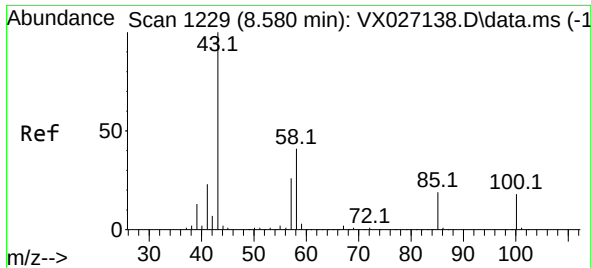
Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Tgt Ion: 98	Resp: 119327
Ion Ratio	Lower Upper
98 100	
100 66.9	53.2 79.8





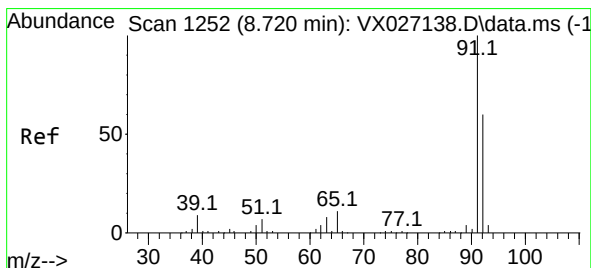
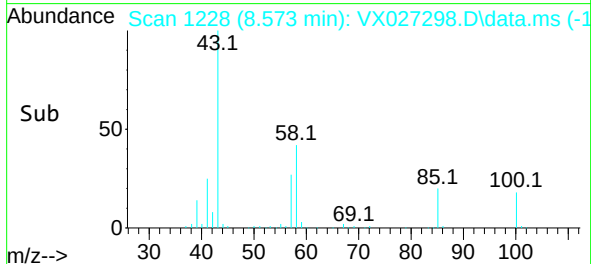
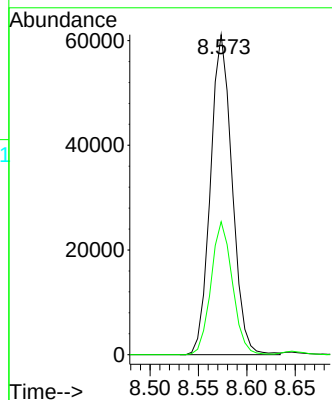
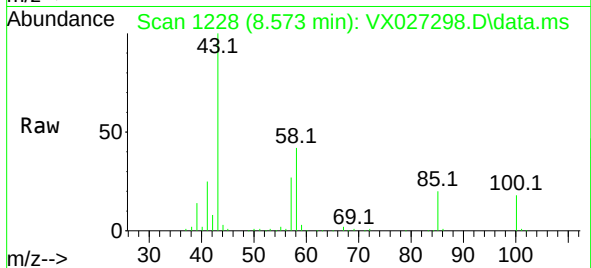
#51
4-Methyl-2-Pentanone
Concen: 92.018 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02

Tgt Ion: 43 Resp: 9532
Ion Ratio Lower Upper
43 100
58 41.0 30.5 45.7

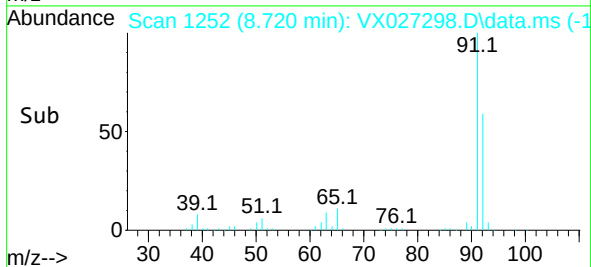
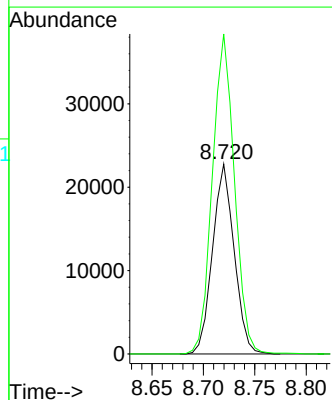
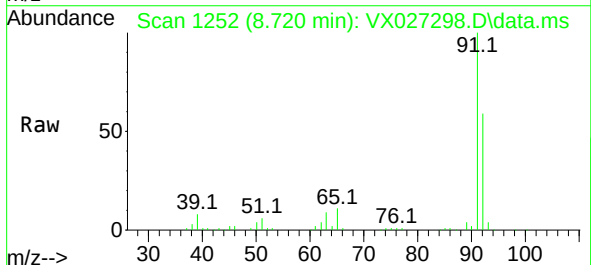
Manual Integrations
APPROVED

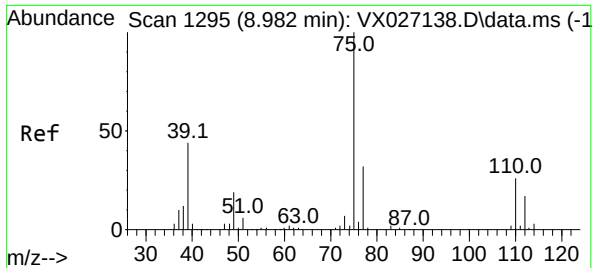
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#52
Toluene
Concen: 18.870 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Tgt Ion: 92 Resp: 33344
Ion Ratio Lower Upper
92 100
91 172.1 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 18.805 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

Tgt Ion: 75 Resp: 1800

Ion Ratio Lower Upper

75 100

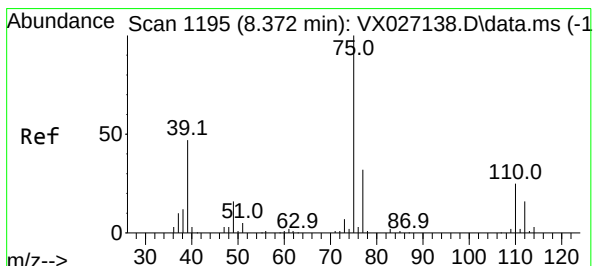
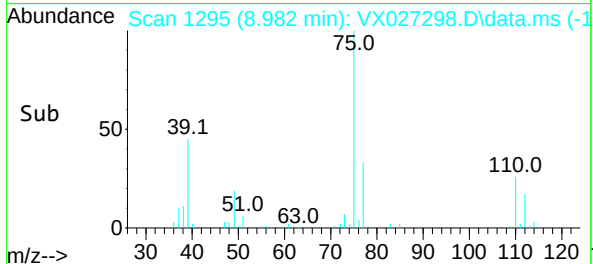
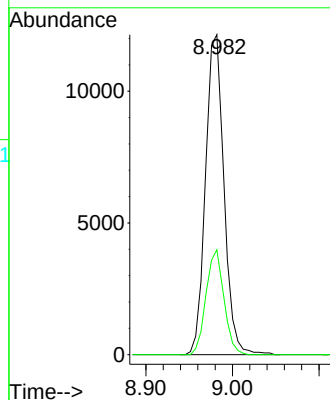
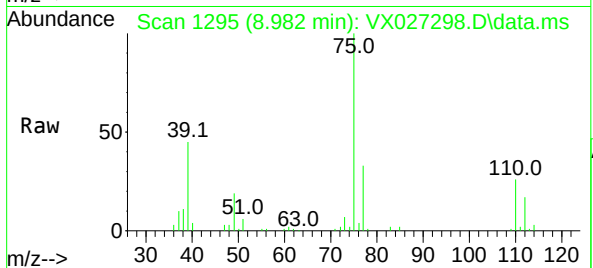
77 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#54

cis-1,3-Dichloropropene

Concen: 20.292 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

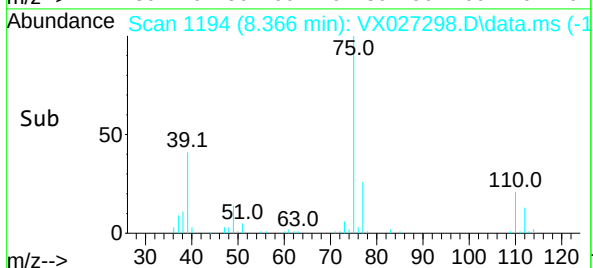
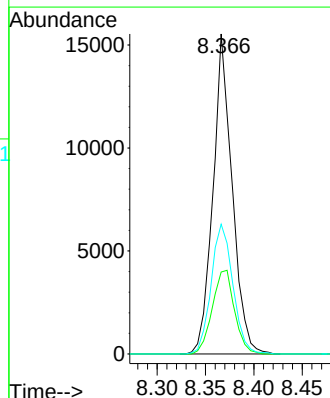
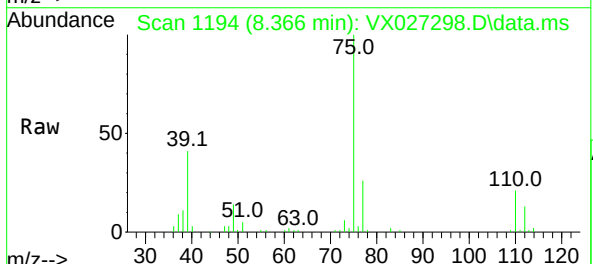
Tgt Ion: 75 Resp: 21411

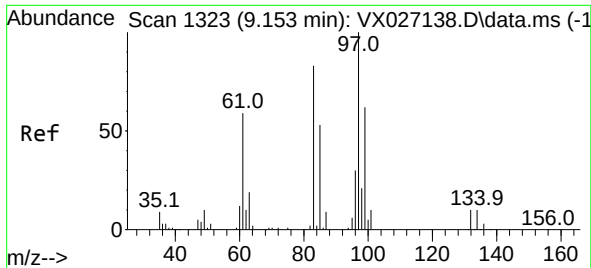
Ion Ratio Lower Upper

75 100

77 25.6 26.2 39.2#

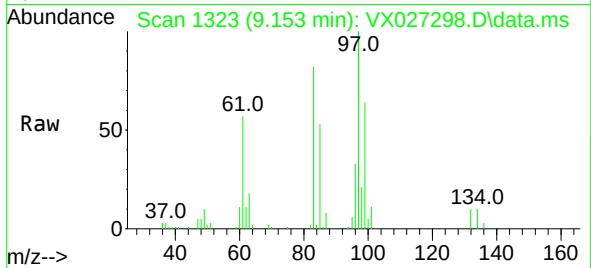
39 40.6 43.5 65.3#





#55
1,1,2-Trichloroethane
Concen: 20.005 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02

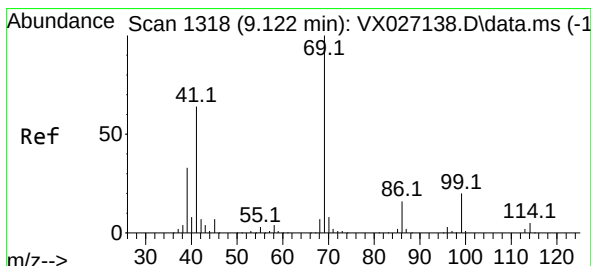
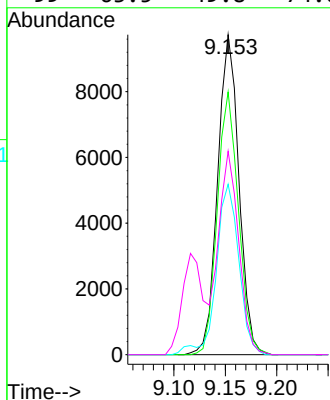
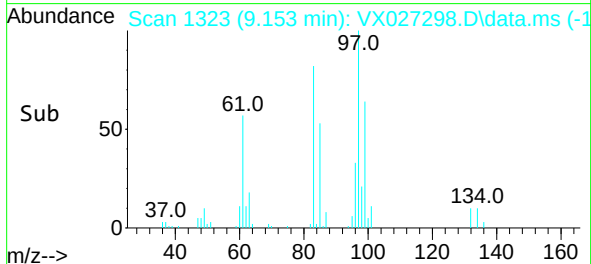


Tgt Ion: 97 Resp: 1400

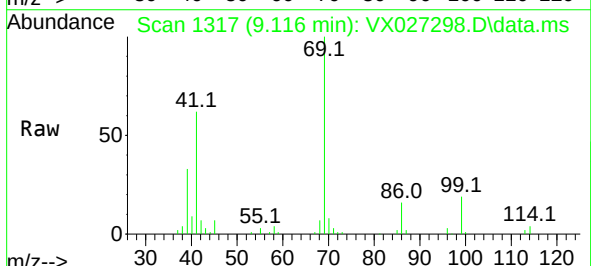
Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.4	102.6
85	53.2	44.0	66.0
99	63.5	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

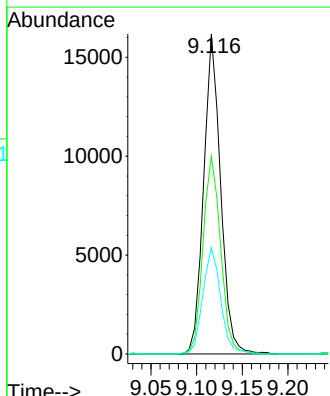
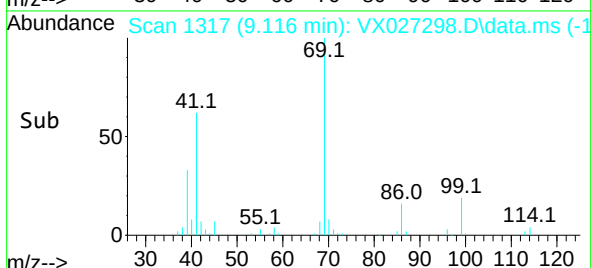


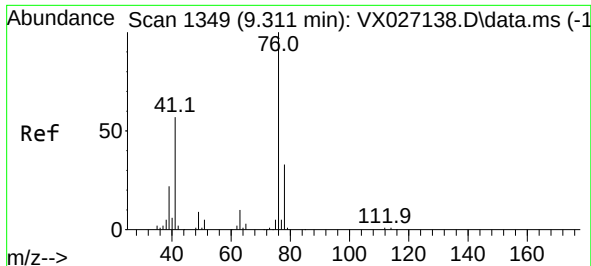
#56
Ethyl methacrylate
Concen: 19.109 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



Tgt Ion: 69 Resp: 20822

Ion	Ratio	Lower	Upper
69	100		
41	64.4	57.2	85.8
39	34.9	30.9	46.3





#57

1,3-Dichloropropane

Concen: 19.603 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

Tgt Ion: 76 Resp: 22819

Ion Ratio Lower Upper

76 100

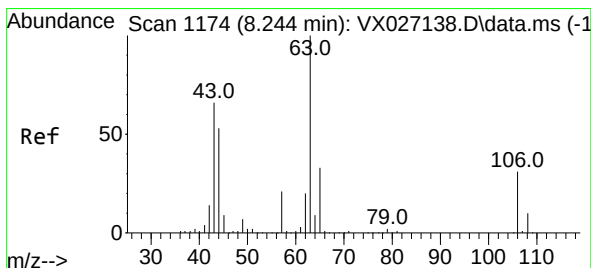
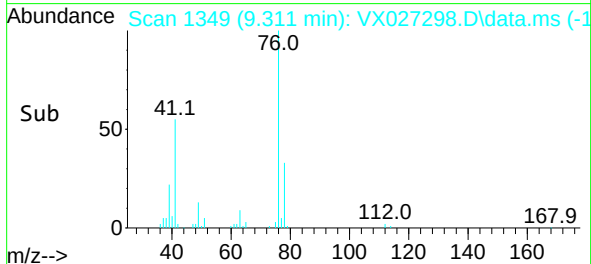
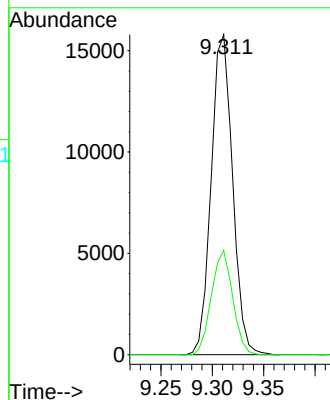
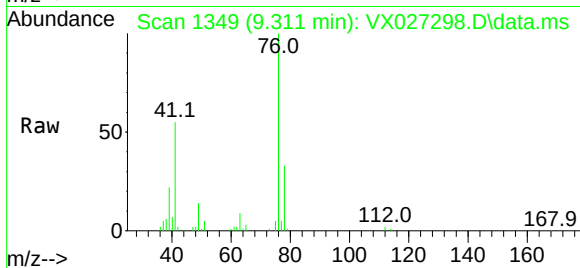
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.797 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX027298.D

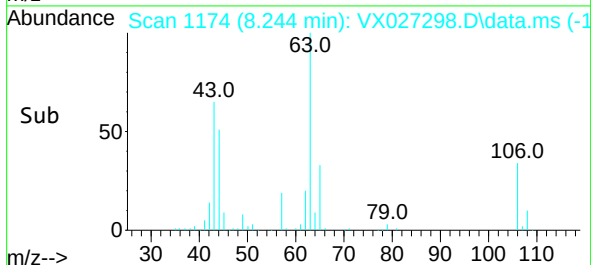
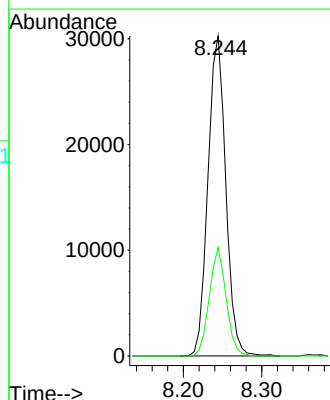
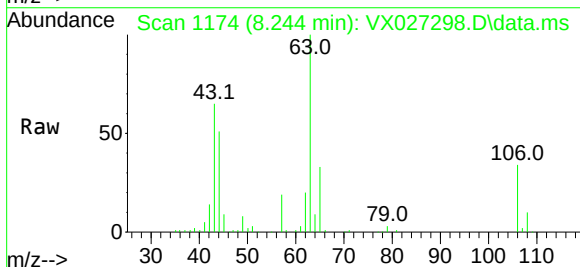
Acq: 04 Mar 2022 13:57

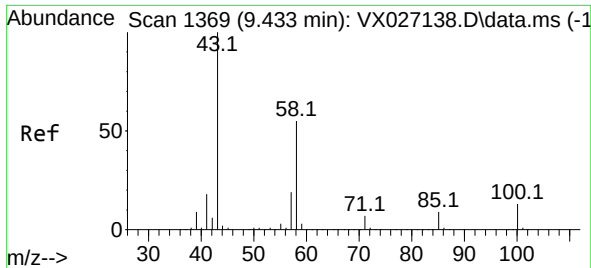
Tgt Ion: 63 Resp: 47688

Ion Ratio Lower Upper

63 100

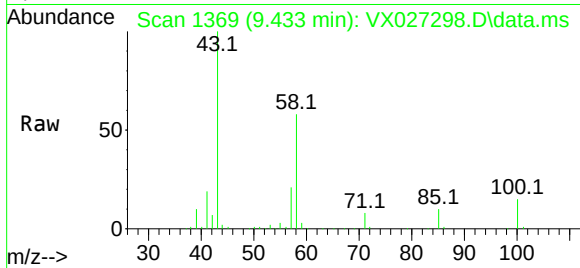
106 31.9 23.0 34.6





#59
2-Hexanone
Concen: 89.673 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

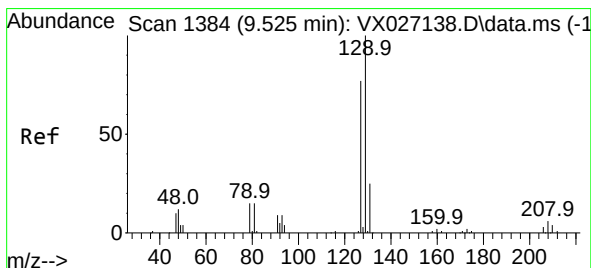
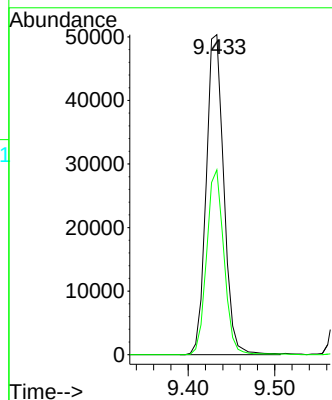
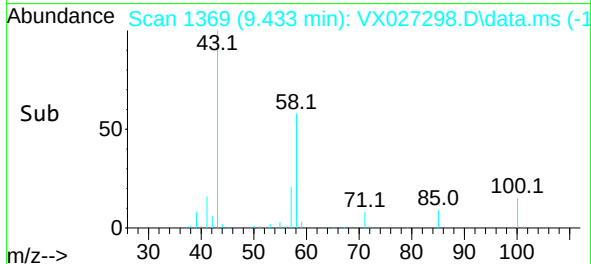
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



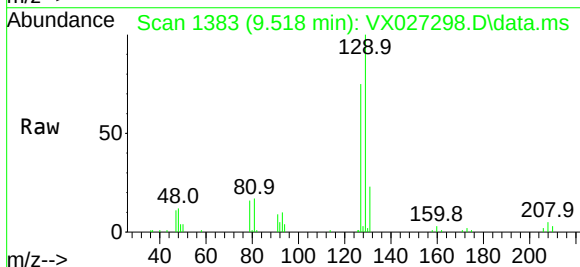
Tgt Ion: 43 Resp: 70999
Ion Ratio Lower Upper
43 100
58 56.9 26.4 79.2

Manual Integrations
APPROVED

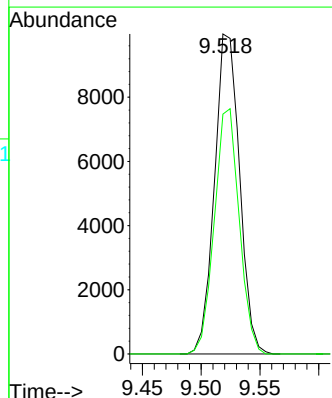
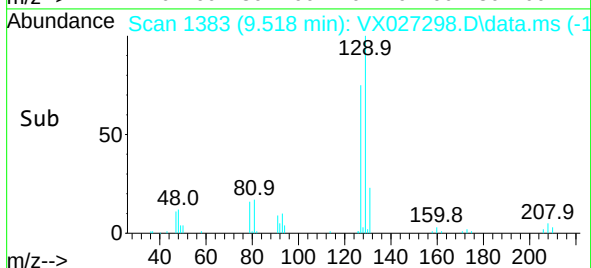
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

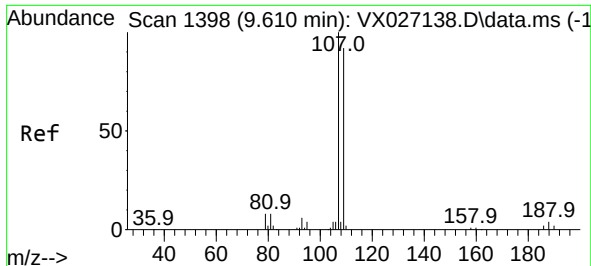


#60
Dibromochloromethane
Concen: 20.386 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



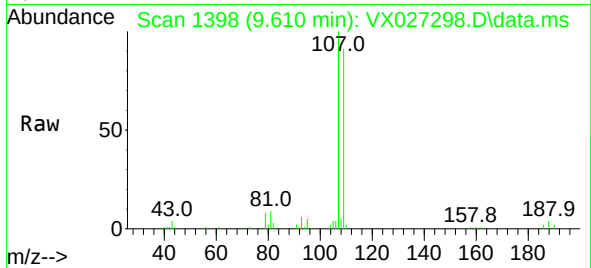
Tgt Ion:129 Resp: 14801
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.284 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

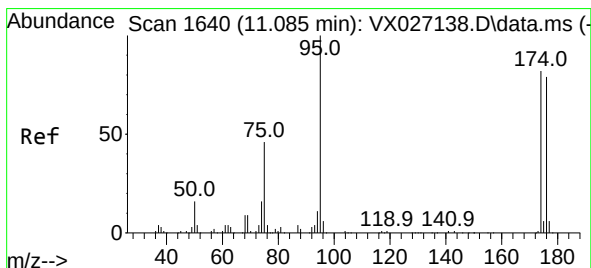
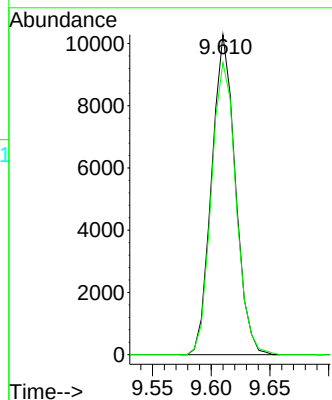
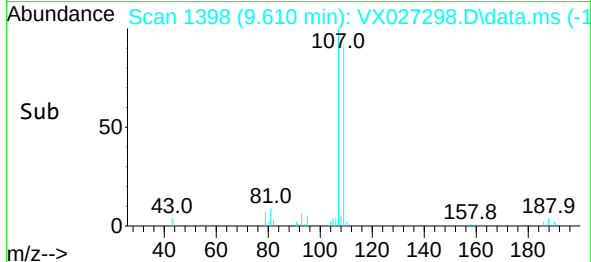
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



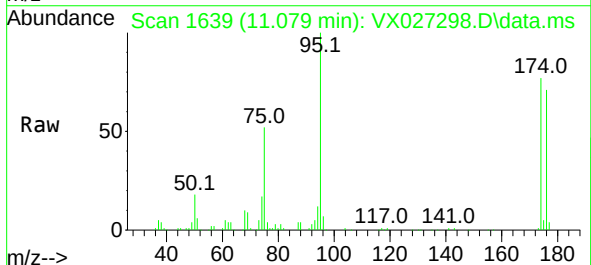
Tgt Ion:107 Resp: 1437
Ion Ratio Lower Upper
107 100
109 95.3 75.5 113.3

Manual Integrations
APPROVED

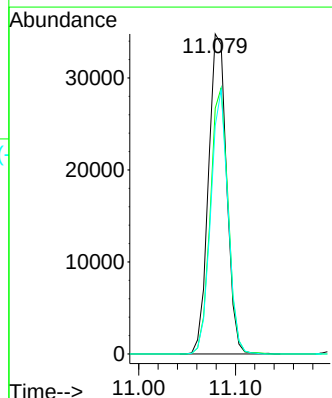
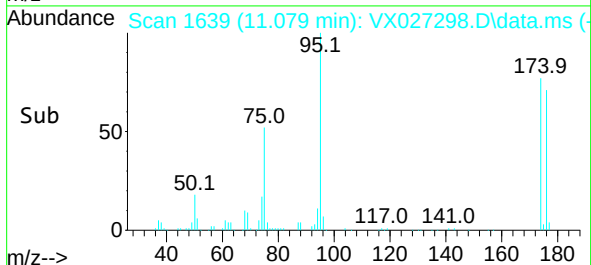
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

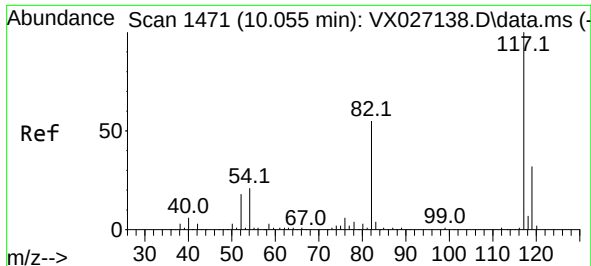


#62
4-Bromofluorobenzene
Concen: 48.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



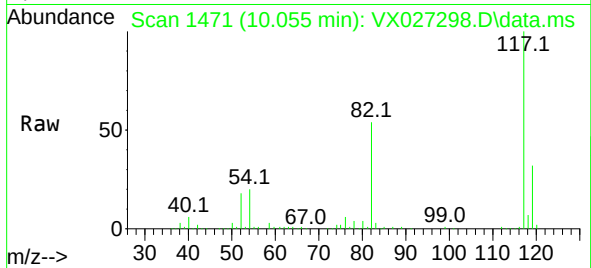
Tgt Ion: 95 Resp: 45286
Ion Ratio Lower Upper
95 100
174 81.7 0.0 148.6
176 78.6 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

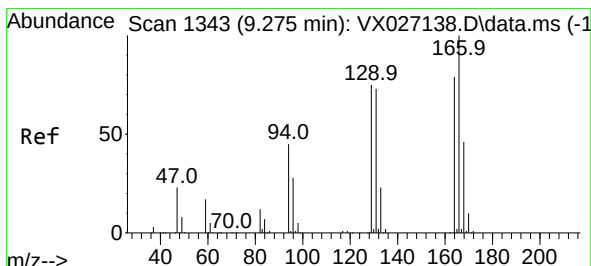
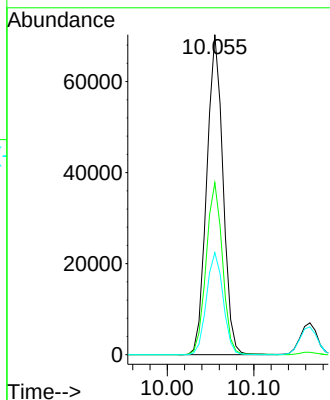
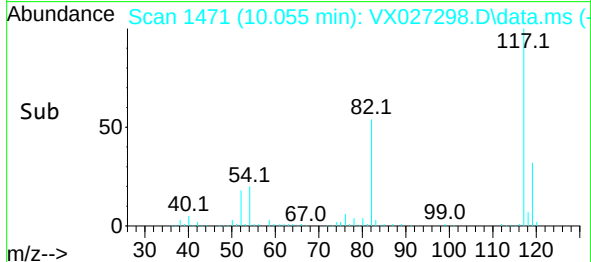
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



Tgt Ion:117 Resp: 91542
Ion Ratio Lower Upper
117 100
82 53.7 45.2 67.8
119 31.9 26.2 39.2

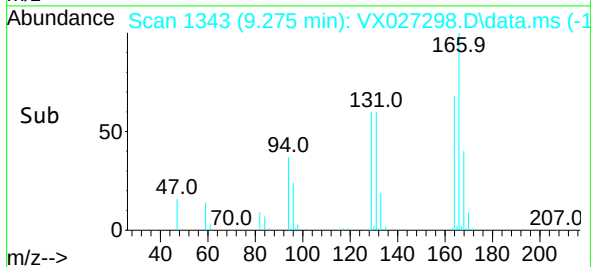
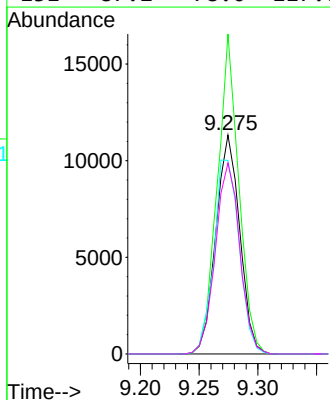
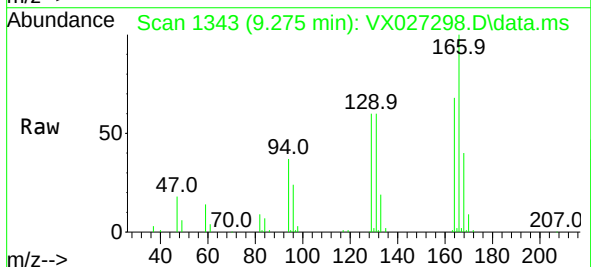
Manual Integrations
APPROVED

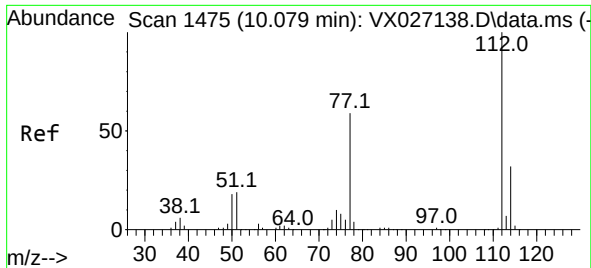
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#64
Tetrachloroethene
Concen: 19.375 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

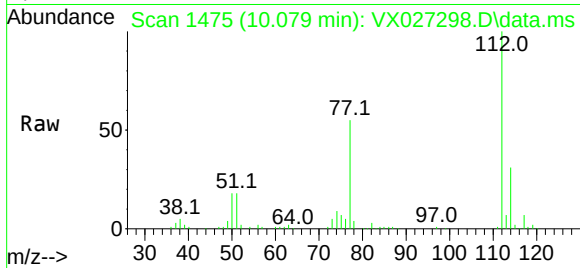
Tgt Ion:164 Resp: 16047
Ion Ratio Lower Upper
164 100
166 146.2 101.8 152.6
129 88.5 83.3 124.9
131 87.2 78.0 117.0





#65
Chlorobenzene
Concen: 19.451 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

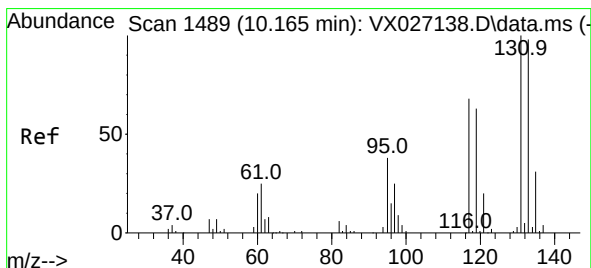
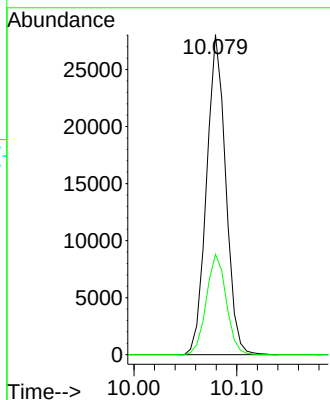
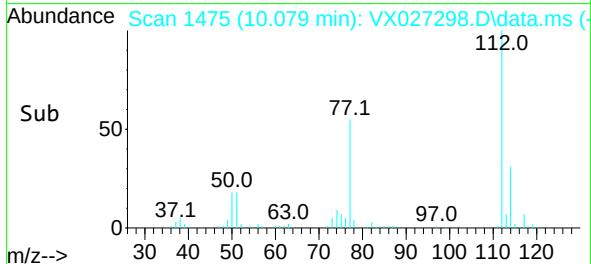
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



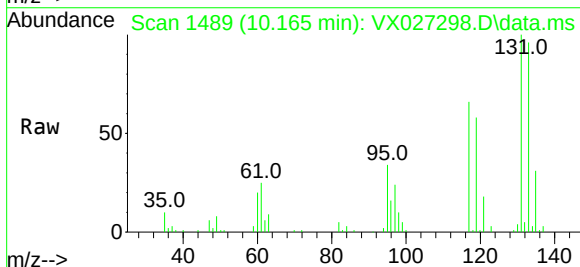
Tgt Ion:112 Resp: 3629
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9

Manual Integrations
APPROVED

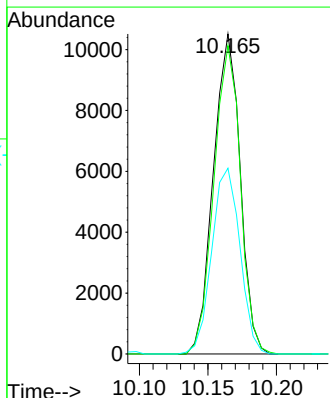
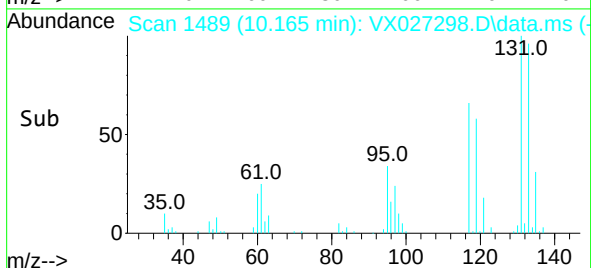
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

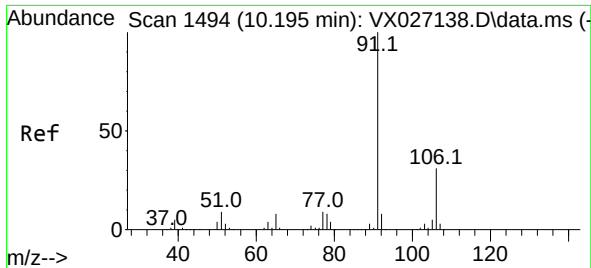


#66
1,1,1,2-Tetrachloroethane
Concen: 21.086 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



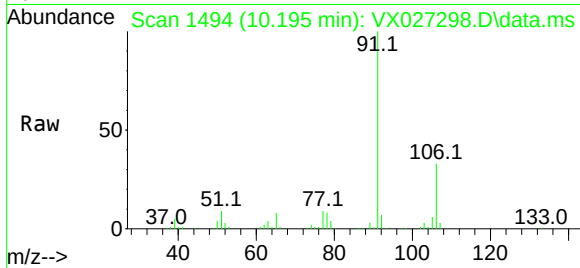
Tgt Ion:131 Resp: 14269
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 61.2 31.7 95.1





#67
Ethyl Benzene
Concen: 19.720 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

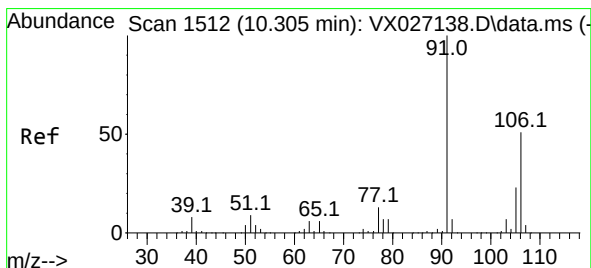
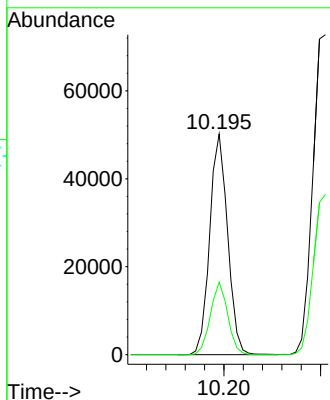
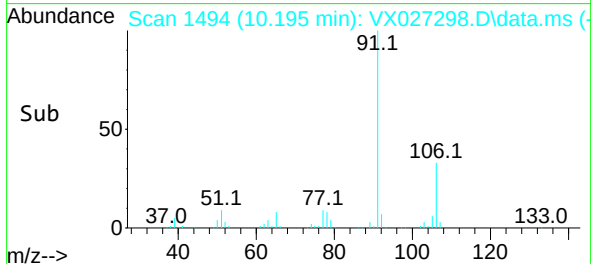
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



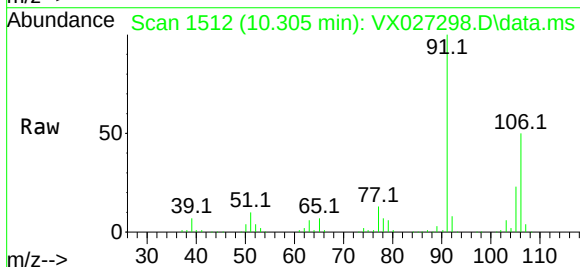
Tgt Ion: 91 Resp: 64598
Ion Ratio Lower Upper
91 100
106 32.9 24.7 37.1

Manual Integrations
APPROVED

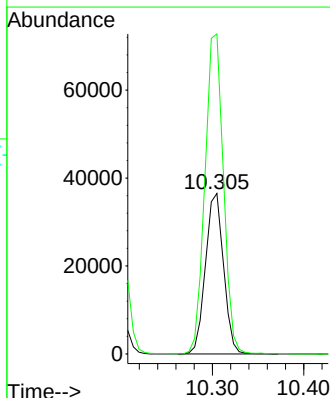
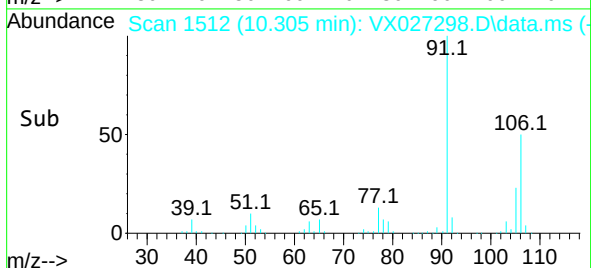
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

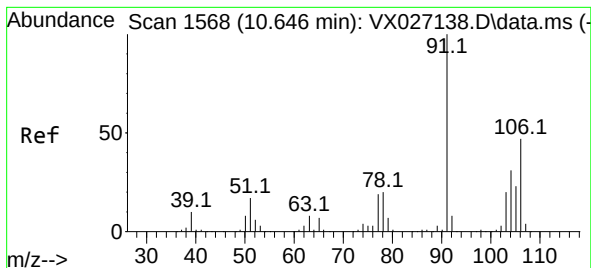


#68
m/p-Xylenes
Concen: 39.754 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



Tgt Ion:106 Resp: 50064
Ion Ratio Lower Upper
106 100
91 204.3 165.3 247.9





#69

o-Xylene

Concen: 19.737 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

Tgt Ion:106 Resp: 2494

Ion Ratio Lower Upper

106 100

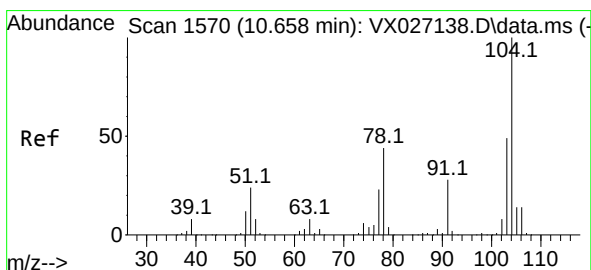
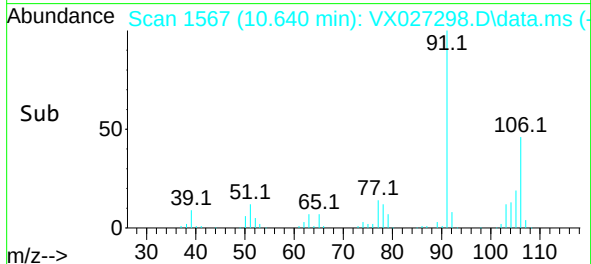
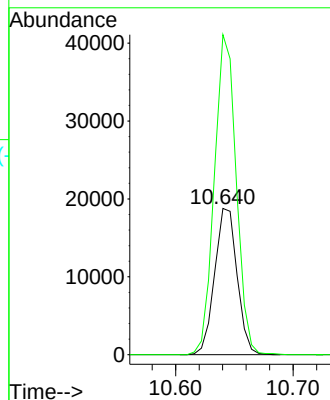
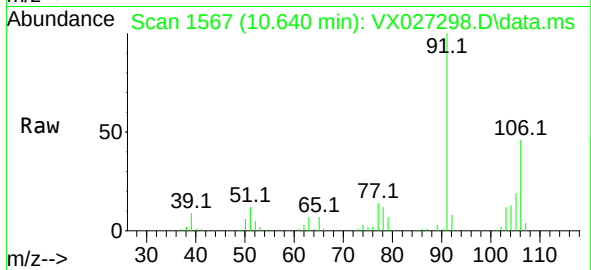
91 213.1 109.7 329.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#70

Styrene

Concen: 19.999 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

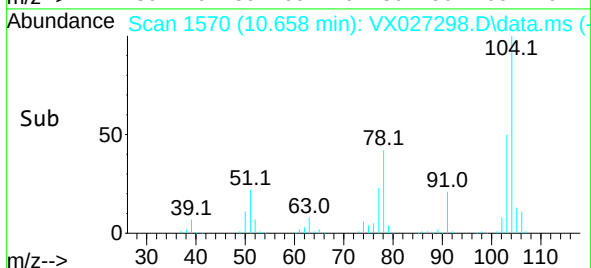
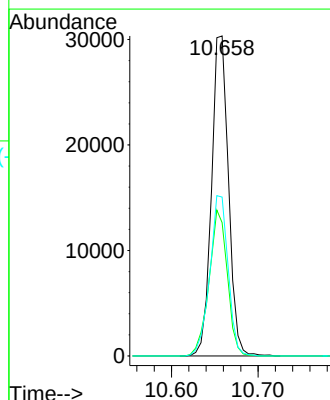
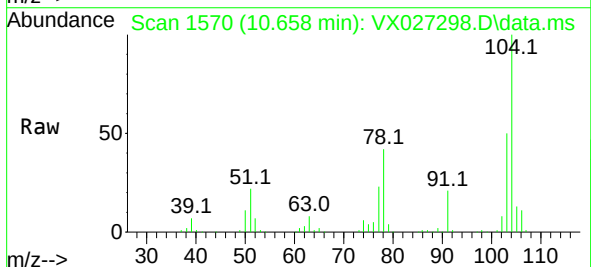
Tgt Ion:104 Resp: 41363

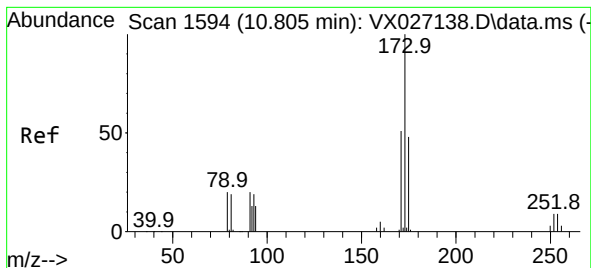
Ion Ratio Lower Upper

104 100

78 48.8 42.5 63.7

103 54.1 43.3 64.9





#71

Bromoform

Concen: 19.694 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

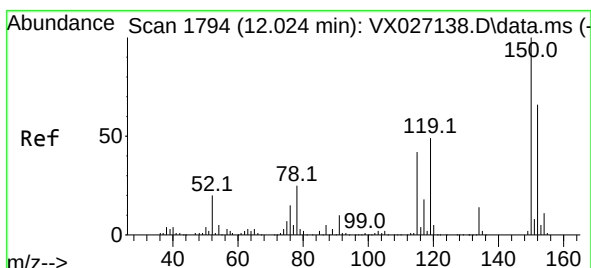
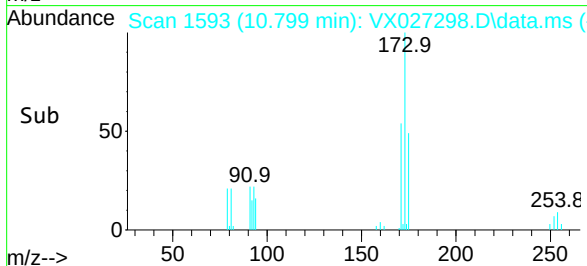
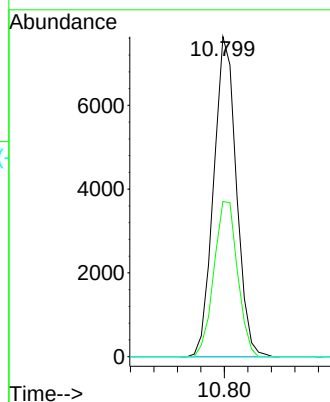
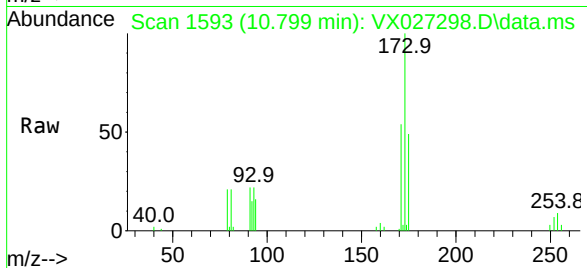
Tgt Ion:173 Resp: 10258
 Ion Ratio Lower Upper
 173 100
 175 50.5 24.3 72.9
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

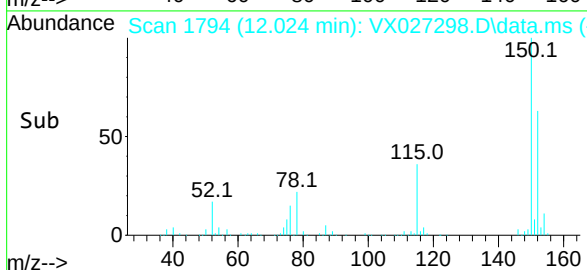
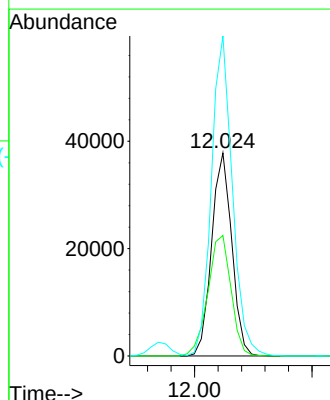
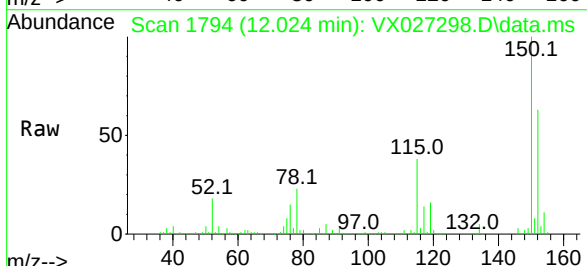
RT: 12.024 min Scan# 1794

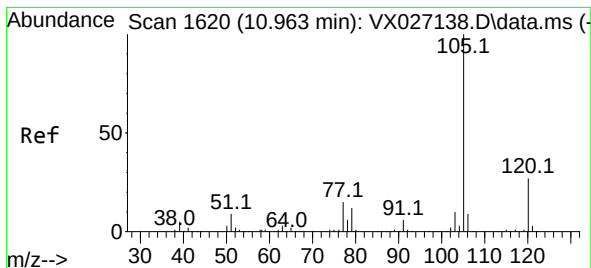
Delta R.T. 0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Tgt Ion:152 Resp: 44971
 Ion Ratio Lower Upper
 152 100
 115 68.0 44.2 132.6
 150 164.0 0.0 348.2





#73

Isopropylbenzene

Concen: 20.386 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

Tgt Ion:105 Resp: 65600

Ion Ratio Lower Upper

105 100

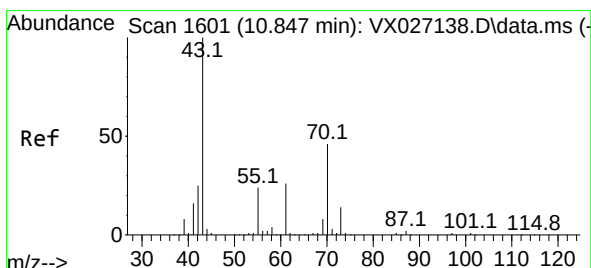
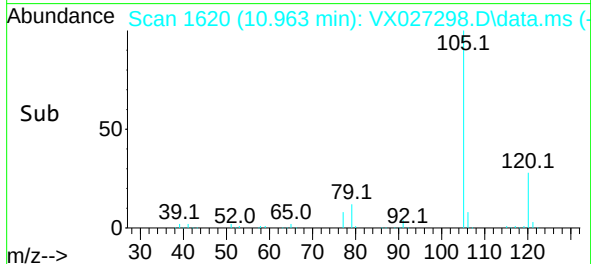
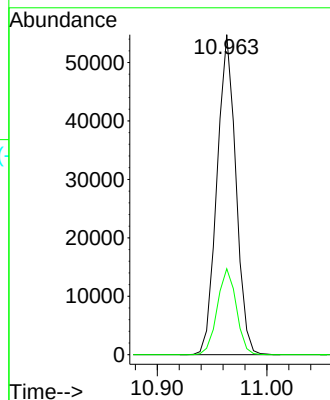
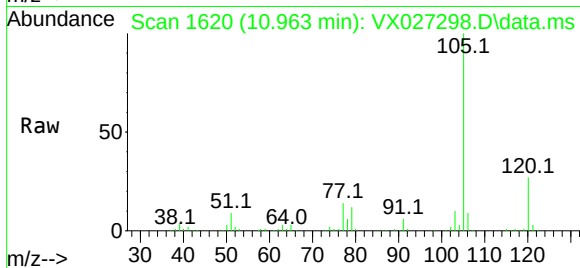
120 26.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#74

N-ethyl acetate

Concen: 19.019 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Tgt Ion: 43 Resp: 23287

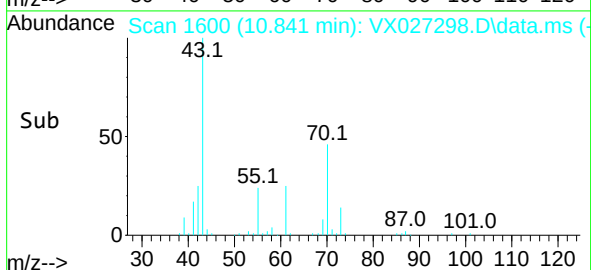
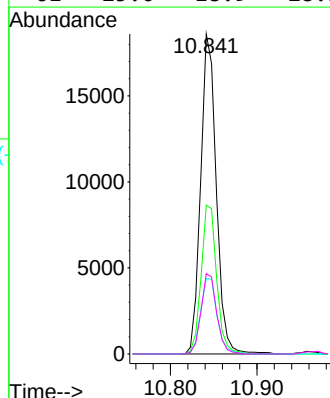
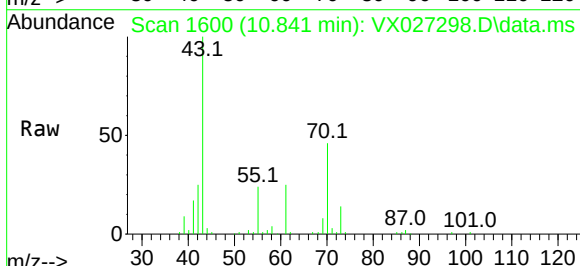
Ion Ratio Lower Upper

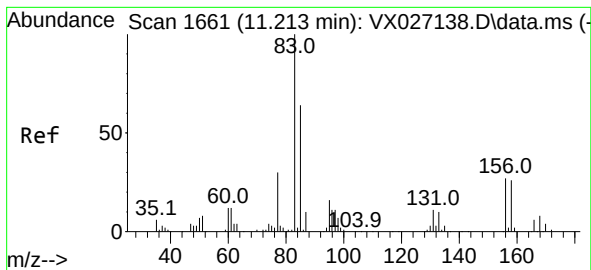
43 100

70 46.1 32.9 49.3

55 24.9 18.3 27.5

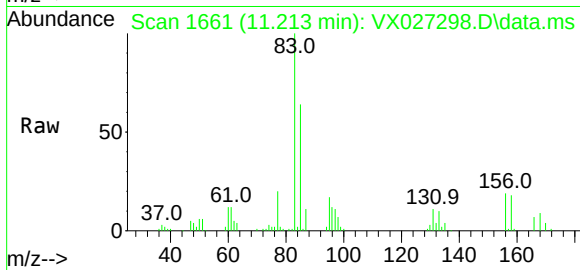
61 25.0 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.226 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

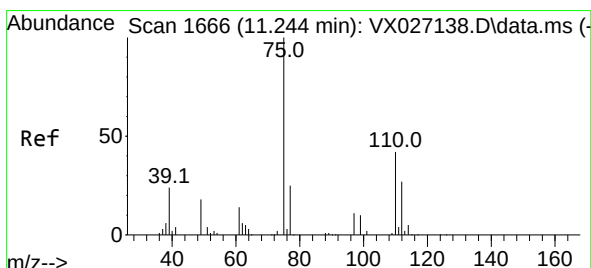
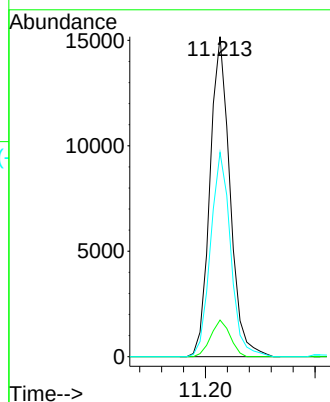
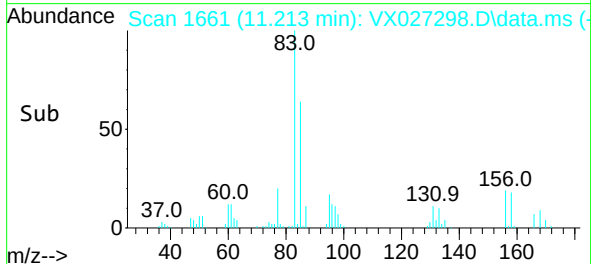
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



Tgt Ion: 83 Resp: 19224
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.9
85 64.1 32.0 96.2

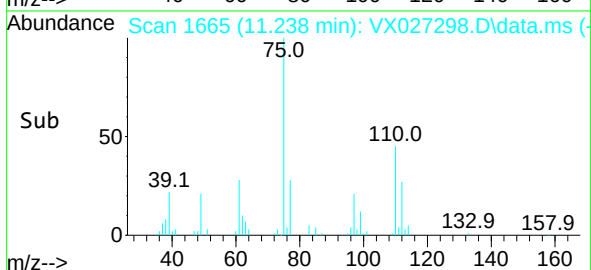
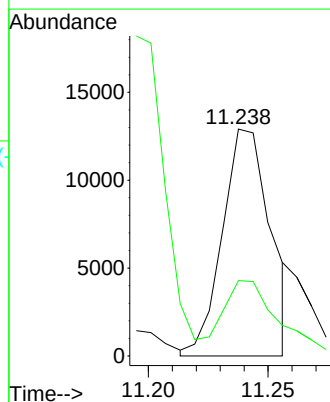
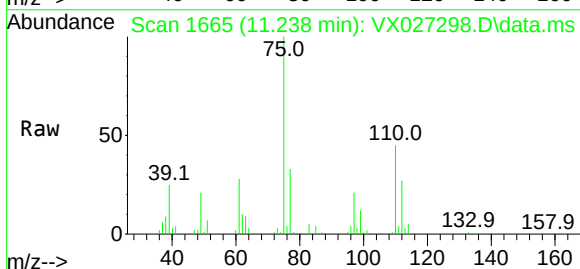
Manual Integrations
APPROVED

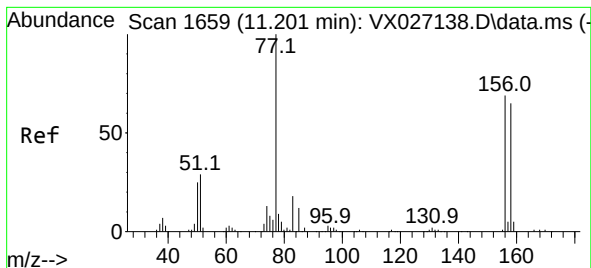
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#76
1,2,3-Trichloropropane
Concen: 19.926 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Tgt Ion: 75 Resp: 18049
Ion Ratio Lower Upper
75 100
77 39.5 18.3 54.8





#77

Bromobenzene

Concen: 20.476 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX027298.D

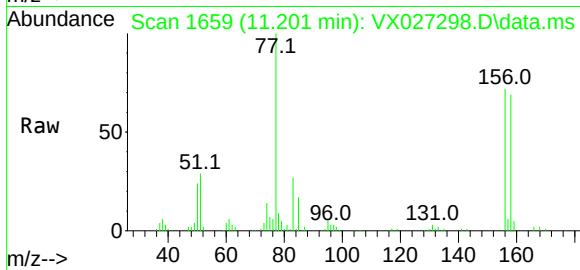
Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02



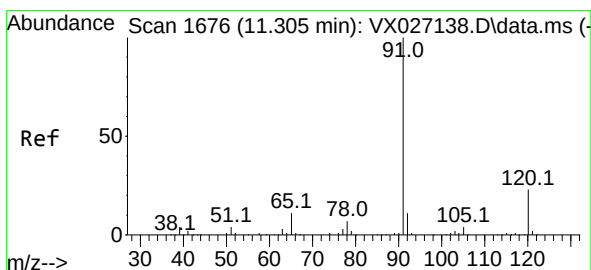
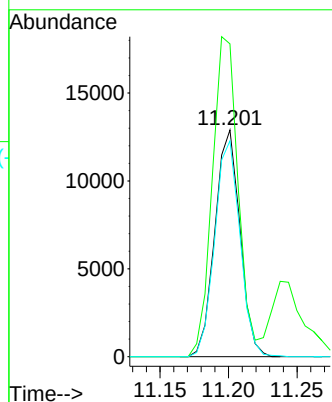
Tgt Ion:	156	Resp:	16438
Ion Ratio	100	Lower	Upper
156	100		
77	144.3	84.5	253.4
158	95.7	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#78

n-propylbenzene

Concen: 19.841 ug/l

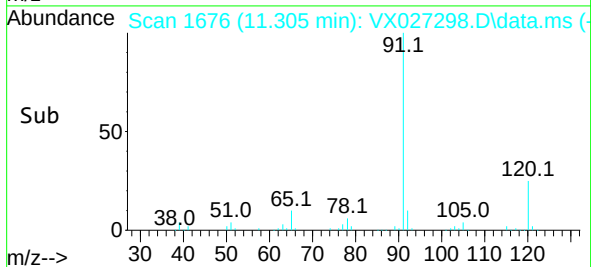
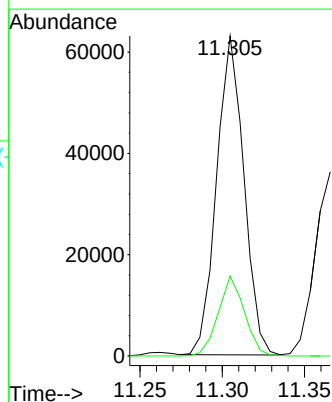
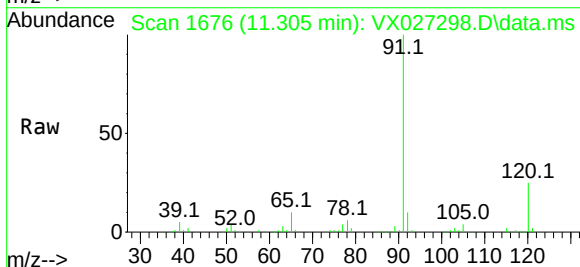
RT: 11.305 min Scan# 1676

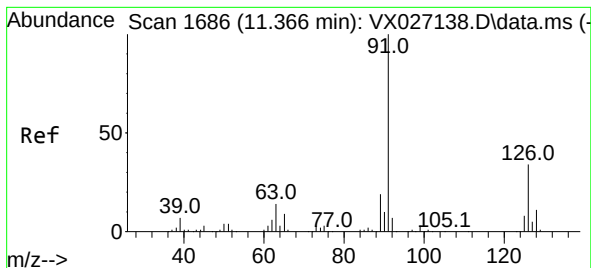
Delta R.T. -0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Tgt Ion:	91	Resp:	72569
Ion Ratio	100	Lower	Upper
91	100		
120	24.1	11.6	34.7





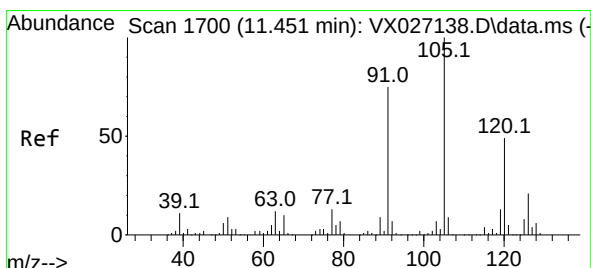
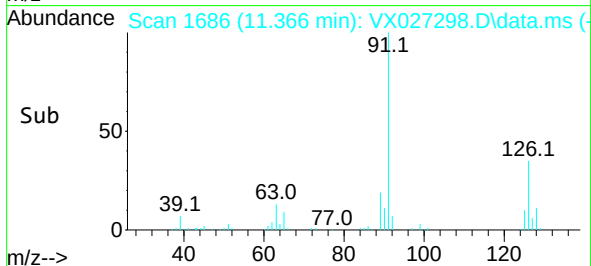
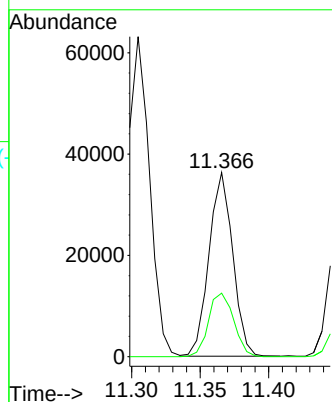
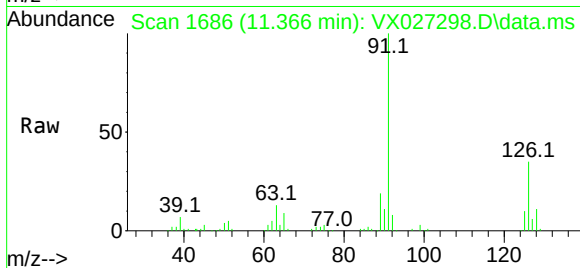
#79
2-Chlorotoluene
Concen: 19.521 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02

Tgt Ion: 91 Resp: 43752
Ion Ratio Lower Upper
91 100
126 36.7 16.4 49.2

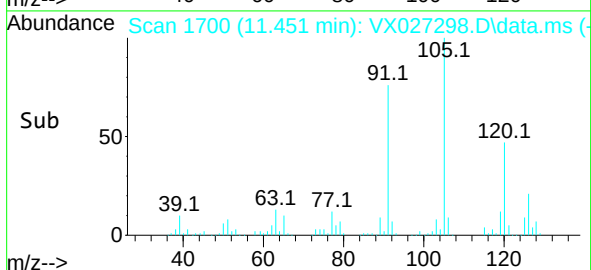
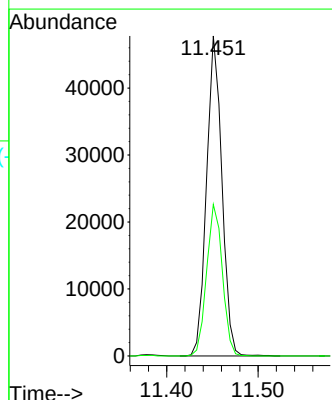
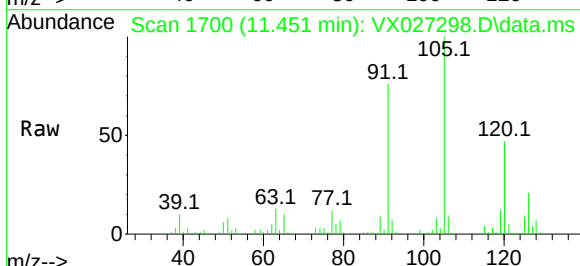
Manual Integrations
APPROVED

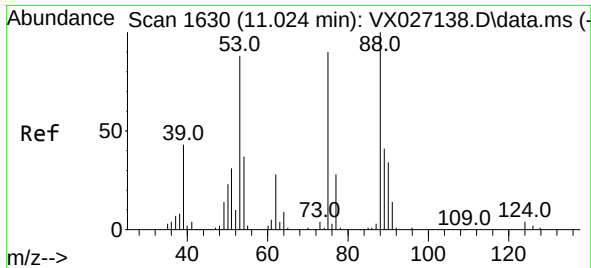
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.546 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

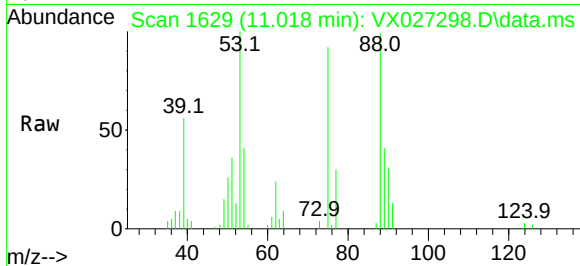
Tgt Ion:105 Resp: 55594
Ion Ratio Lower Upper
105 100
120 48.6 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.550 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

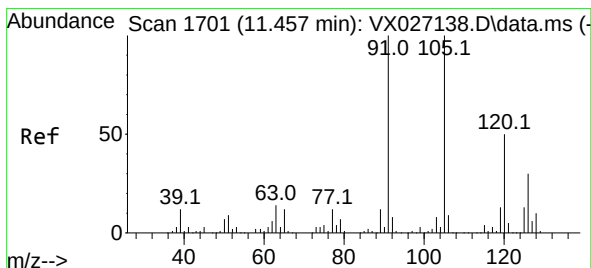
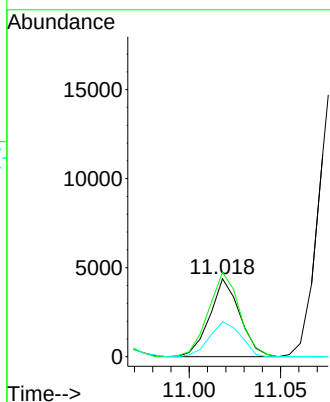
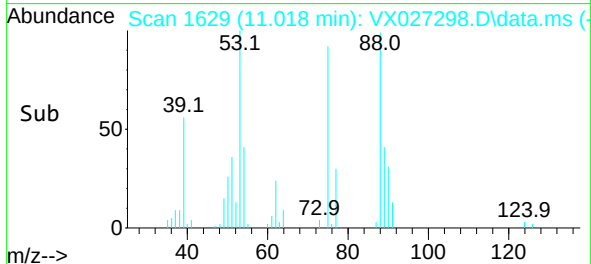
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



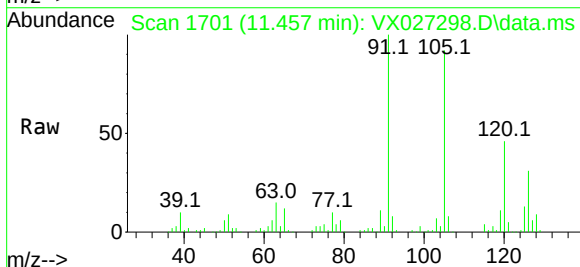
Tgt Ion: 75 Resp: 5000
Ion Ratio Lower Upper
75 100
53 112.5 94.0 141.0
89 46.7 37.0 55.4

Manual Integrations
APPROVED

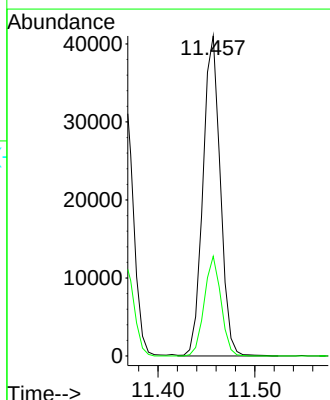
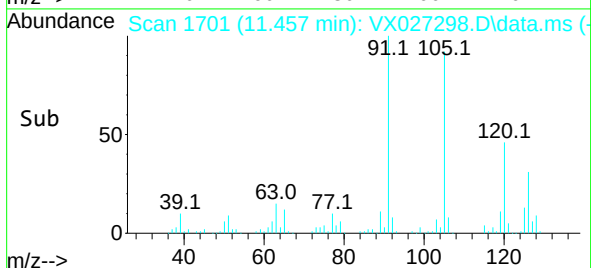
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

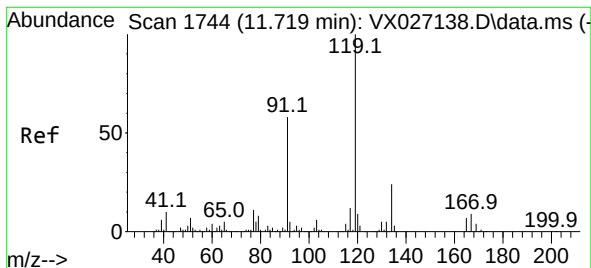


#82
4-Chlorotoluene
Concen: 20.022 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



Tgt Ion: 91 Resp: 51263
Ion Ratio Lower Upper
91 100
126 29.9 14.1 42.4





#83

tert-Butylbenzene

Concen: 20.522 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02

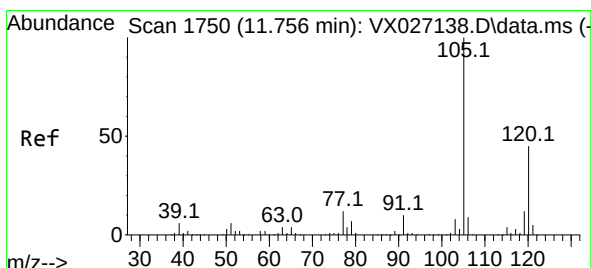
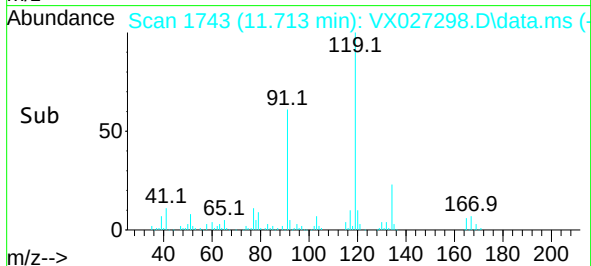
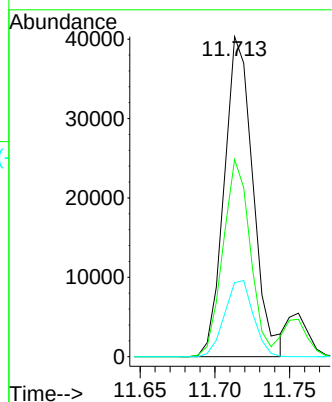
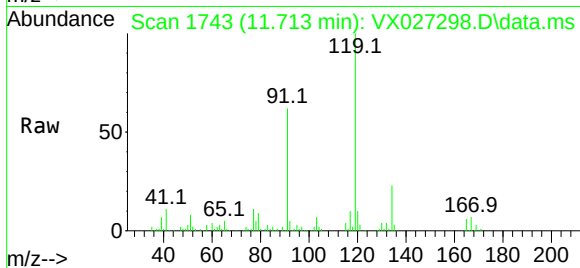
Tgt Ion:119	Resp:	53990
Ion Ratio	Lower	Upper
119	100	
91	58.4	31.4 94.0
134	23.7	11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#84

1,2,4-Trimethylbenzene

Concen: 20.543 ug/l

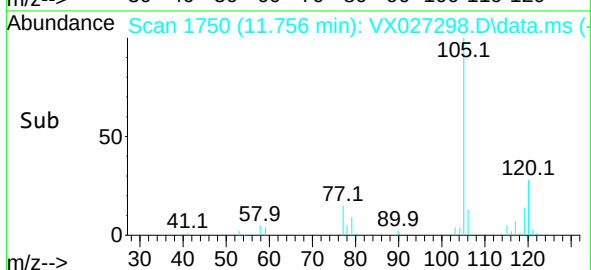
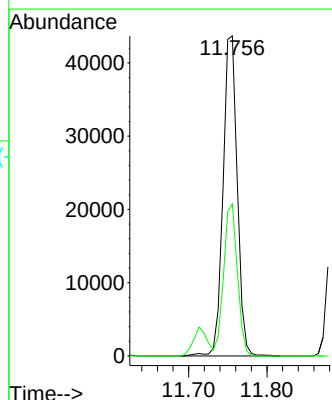
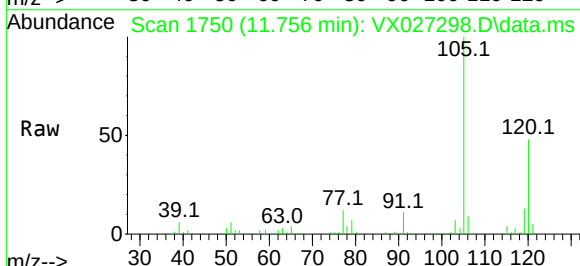
RT: 11.756 min Scan# 1750

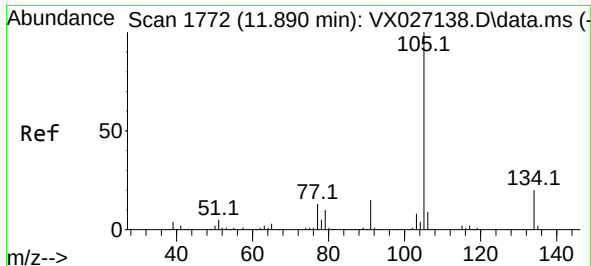
Delta R.T. -0.000 min

Lab File: VX027298.D

Acq: 04 Mar 2022 13:57

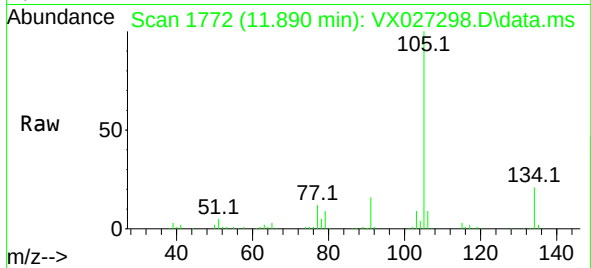
Tgt Ion:105	Resp:	55292
Ion Ratio	Lower	Upper
105	100	
120	45.9	21.9 65.5





#85
 sec-Butylbenzene
 Concen: 20.184 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX027298.D
 Acq: 04 Mar 2022 13:57

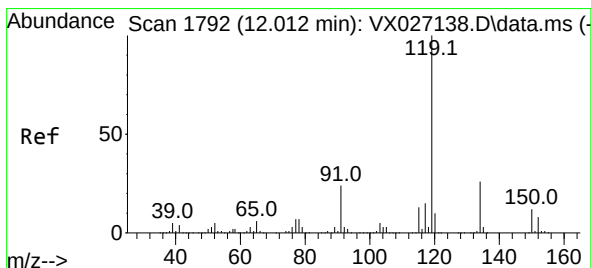
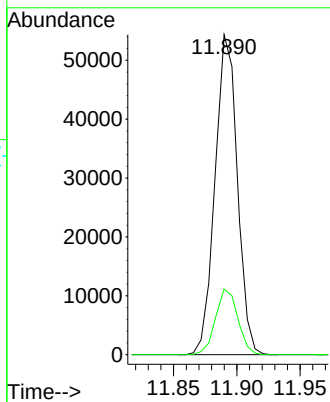
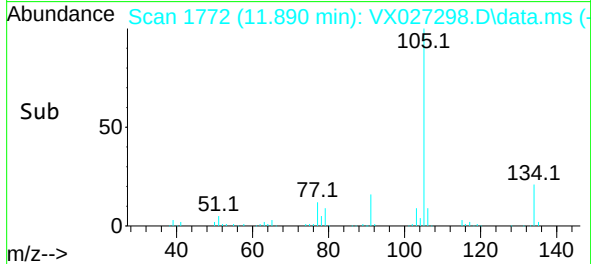
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD02



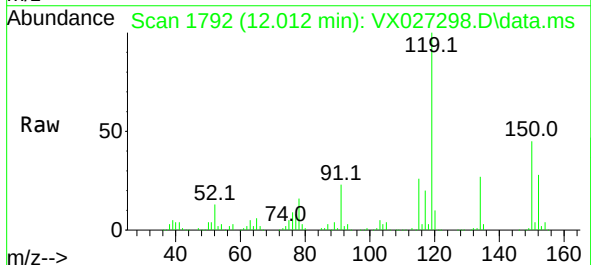
Tgt Ion:105 Resp: 66589
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

Manual Integrations
 APPROVED

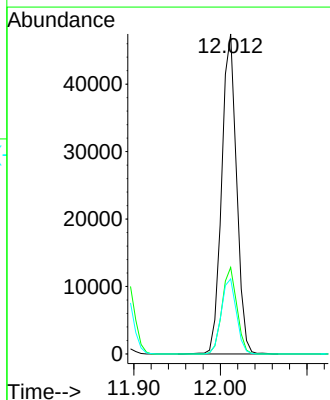
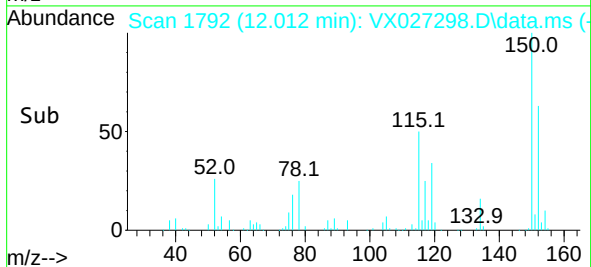
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

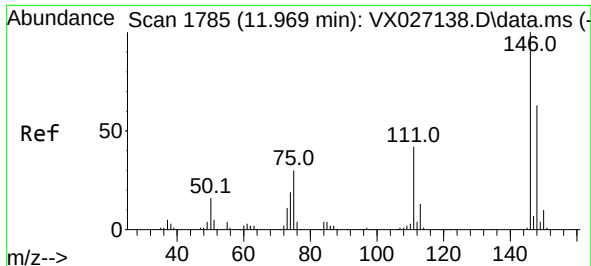


#86
 p-Isopropyltoluene
 Concen: 20.137 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX027298.D
 Acq: 04 Mar 2022 13:57



Tgt Ion:119 Resp: 56634
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 39.0
 91 23.9 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 20.177 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027298.D

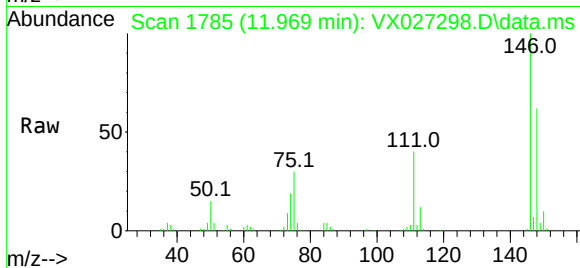
Acq: 04 Mar 2022 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD02



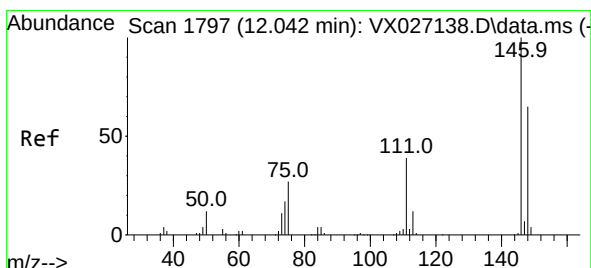
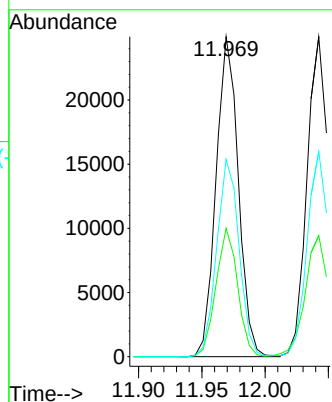
Tgt Ion:146	Resp:	30474
Ion Ratio	Lower	Upper
146	100	
111	39.0	21.3 63.7
148	62.2	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#88

1,4-Dichlorobenzene

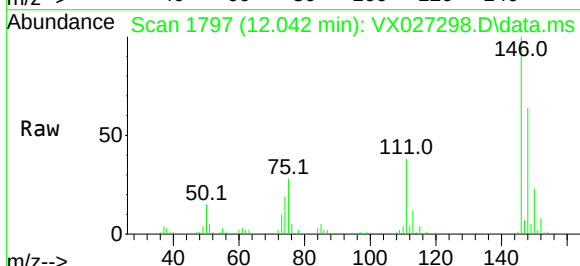
Concen: 19.561 ug/l

RT: 12.042 min Scan# 1797

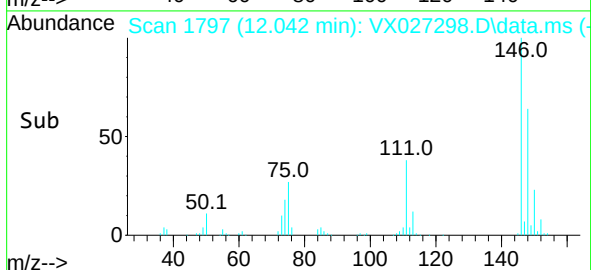
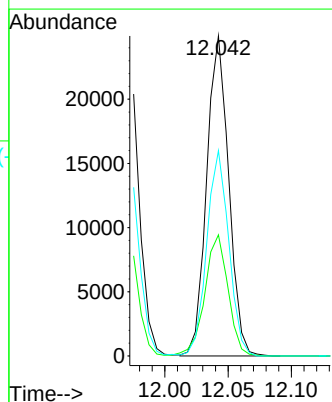
Delta R.T. 0.000 min

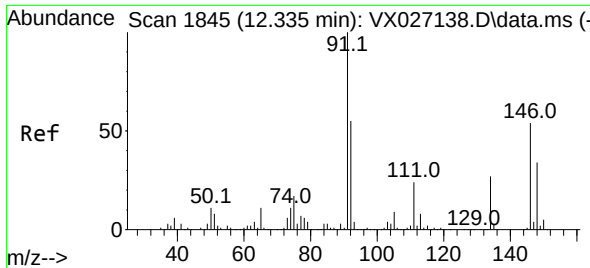
Lab File: VX027298.D

Acq: 04 Mar 2022 13:57



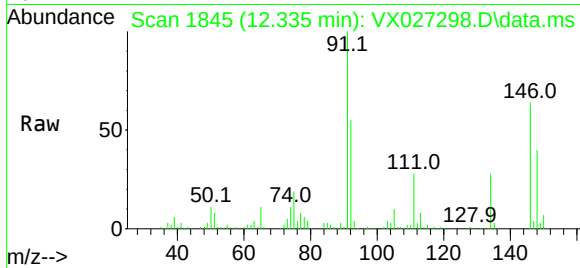
Tgt Ion:146	Resp:	30207
Ion Ratio	Lower	Upper
146	100	
111	40.0	20.2 60.6
148	64.2	31.4 94.0





#89
n-Butylbenzene
Concen: 19.555 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

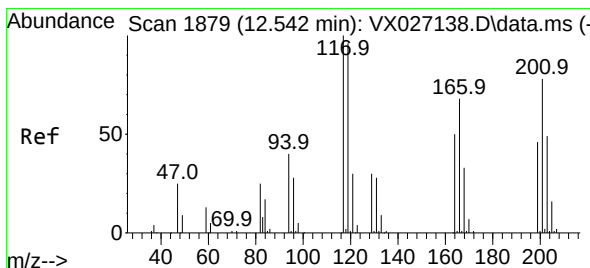
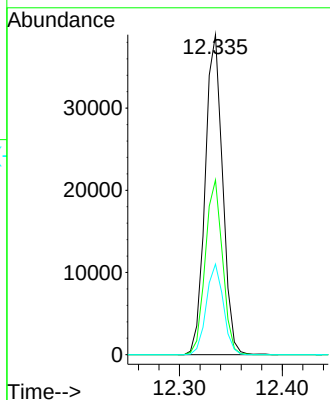
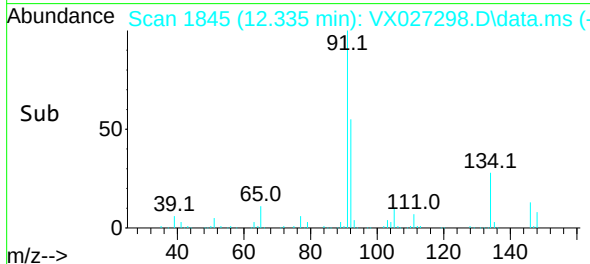
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



Tgt Ion: 91 Resp: 45968
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 27.7 13.1 39.1

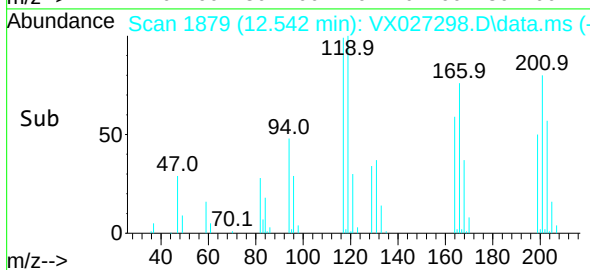
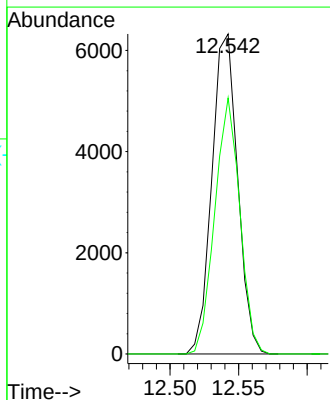
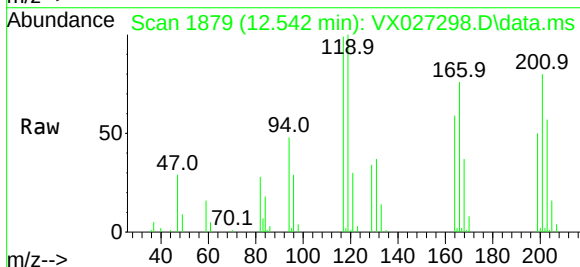
Manual Integrations
APPROVED

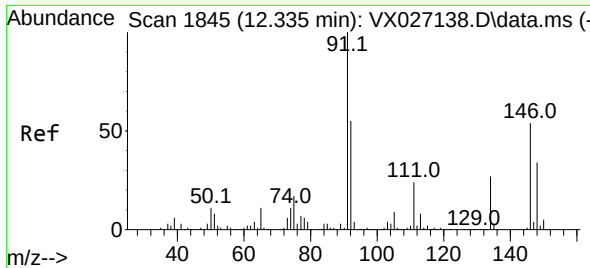
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#90
Hexachloroethane
Concen: 18.990 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

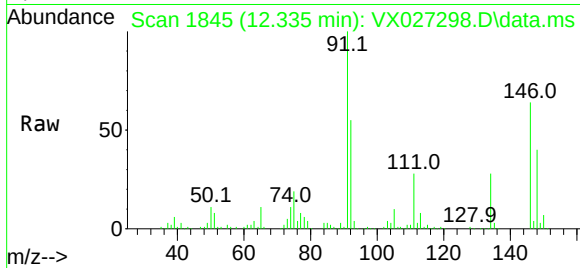
Tgt Ion:117 Resp: 8273
Ion Ratio Lower Upper
117 100
201 77.5 35.6 106.8





#91
1,2-Dichlorobenzene
Concen: 20.524 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

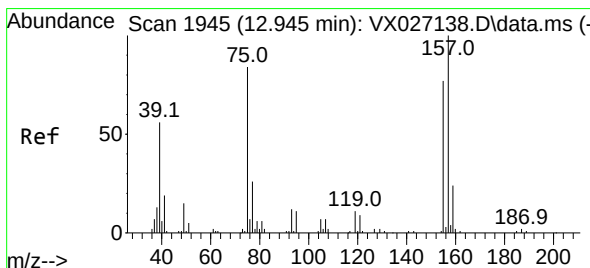
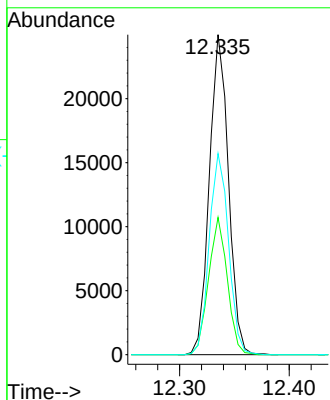
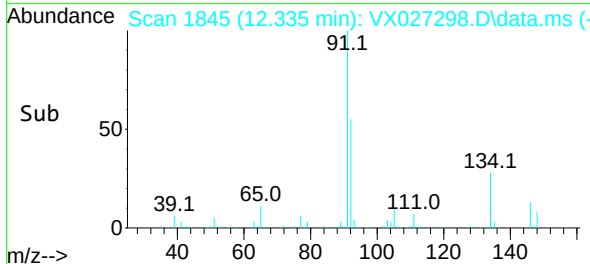
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



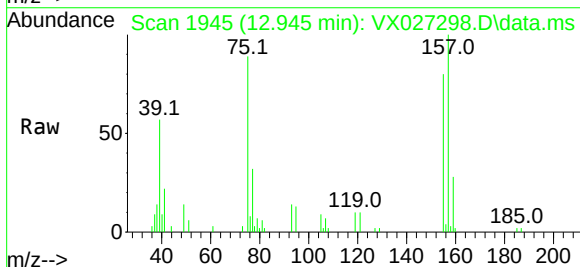
Tgt Ion:146 Resp: 30240
Ion Ratio Lower Upper
146 100
111 42.1 21.8 65.3
148 63.7 32.0 96.2

Manual Integrations
APPROVED

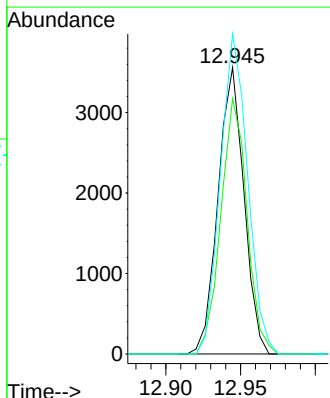
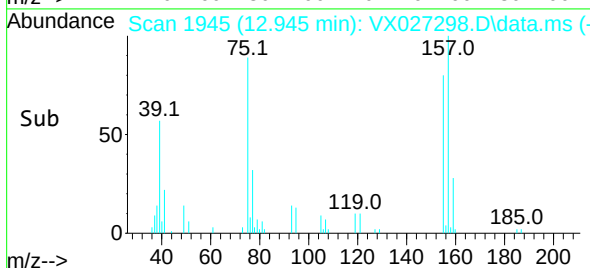
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

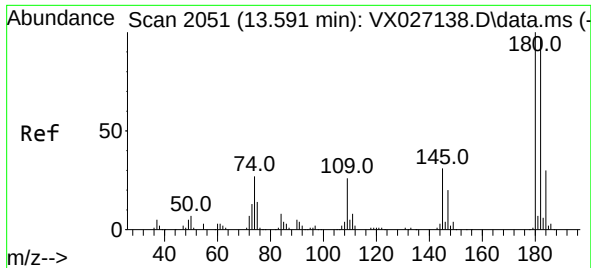


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.396 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



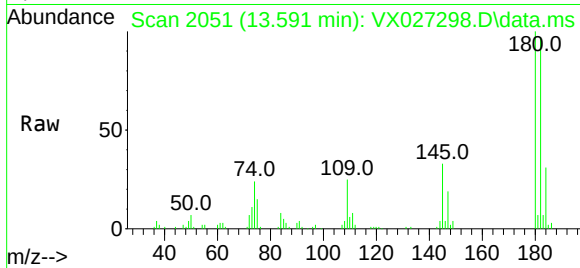
Tgt Ion: 75 Resp: 4280
Ion Ratio Lower Upper
75 100
155 89.9 40.0 119.9
157 117.7 51.6 154.8





#93
1,2,4-Trichlorobenzene
Concen: 19.721 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

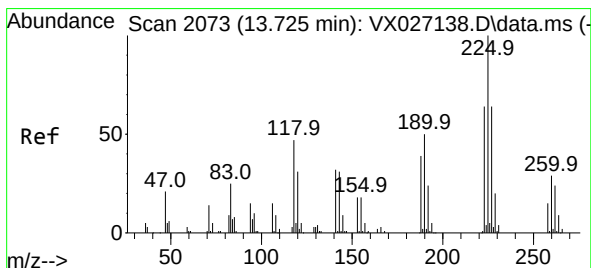
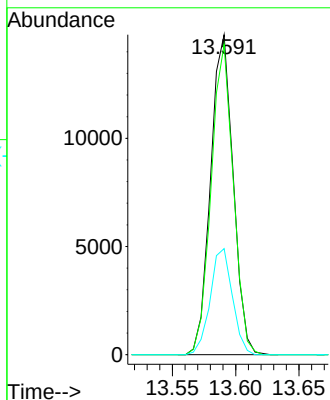
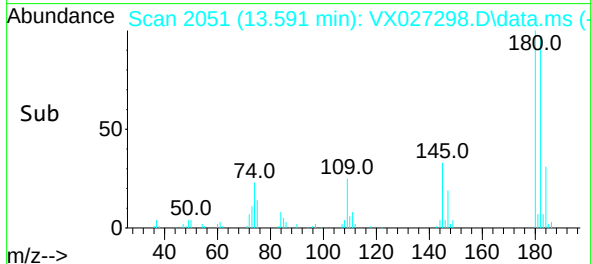
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



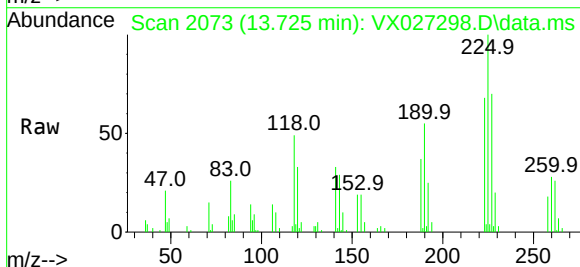
Tgt Ion:180 Resp: 18339
Ion Ratio Lower Upper
180 100
182 95.0 46.7 140.0
145 32.6 16.3 48.8

Manual Integrations
APPROVED

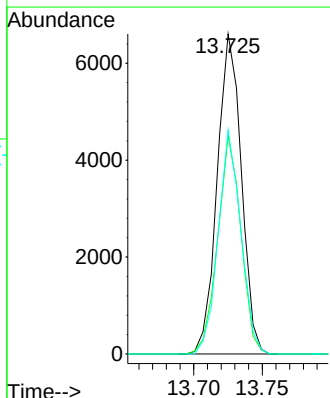
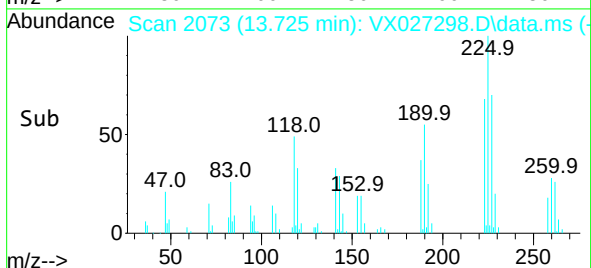
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

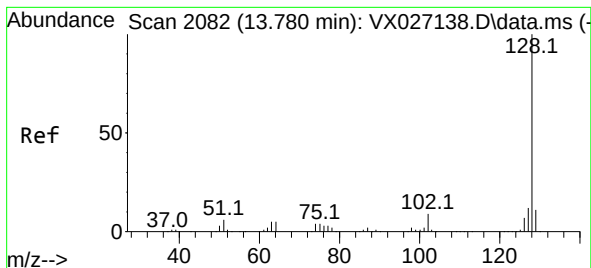


#94
Hexachlorobutadiene
Concen: 20.921 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



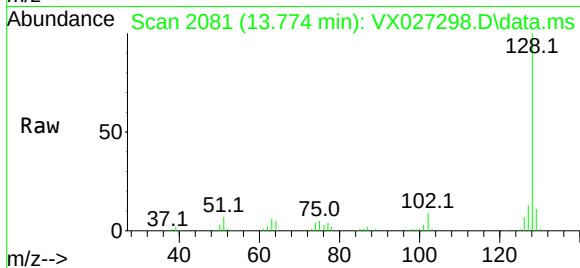
Tgt Ion:225 Resp: 8077
Ion Ratio Lower Upper
225 100
223 65.5 32.0 96.0
227 65.7 32.3 96.9





#95
Naphthalene
Concen: 19.837 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57

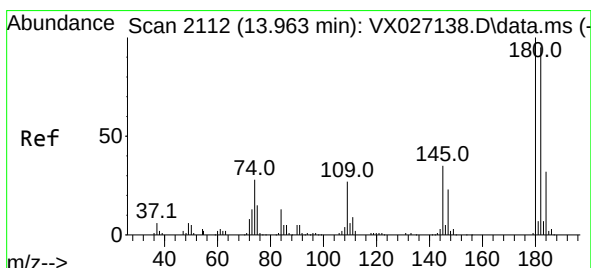
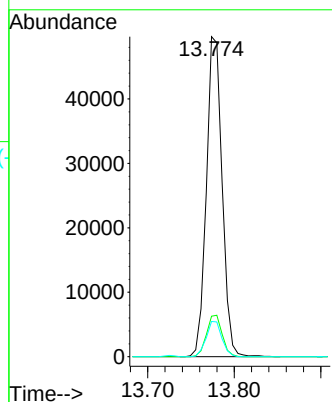
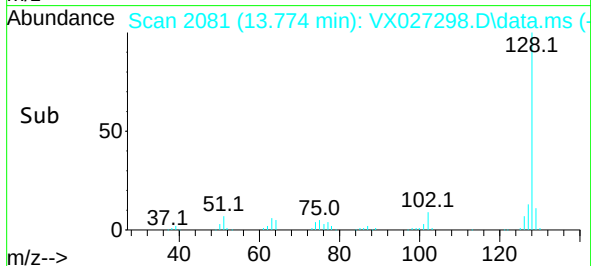
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD02



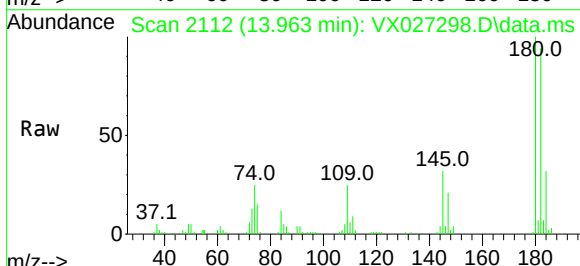
Tgt Ion:128 Resp: 62680
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.211 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027298.D
Acq: 04 Mar 2022 13:57



Tgt Ion:180 Resp: 18839
Ion Ratio Lower Upper
180 100
182 93.1 47.2 141.6
145 33.8 17.5 52.5

