

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092821\
 Data File : VV022340.D
 Acq On : 27 Sep 2021 18:09
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 02:34:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:27:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	280221	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	270577	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	147934	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	114736	48.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.500%
7) Chloroethane-d5	1.561	69	89067	47.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.700%
11) 1,1-Dichloroethene-d2	2.105	63	198877	48.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.200%
21) 2-Butanone-d5	3.873	46	180571	107.590	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.590%
24) Chloroform-d	4.349	84	209794	48.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	5.034	65	126798	48.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
32) Benzene-d6	5.050	84	428120	50.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.072	67	133975	49.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.317	98	398799	51.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.380%
43) trans-1,3-Dichloroprop...	7.622	79	63907	51.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.780%
47) 2-Hexanone-d5	8.088	63	123716	111.806	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.810%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	198980	50.336	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	11.625	152	164235	49.927	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	128068	47.956	ug/L	100
3) Chloromethane	1.243	50	130730	47.867	ug/L	100
5) Vinyl chloride	1.307	62	122957	48.241	ug/L	100
6) Bromomethane	1.513	94	81404	49.755	ug/L	97
8) Chloroethane	1.580	64	75209	48.393	ug/L	100
9) Trichlorofluoromethane	1.748	101	166852	48.216	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	90909	46.855	ug/L	98
12) 1,1-Dichloroethene	2.114	96	89909	48.780	ug/L	100
13) Acetone	2.159	43	116291	88.284	ug/L	96
14) Carbon disulfide	2.291	76	298381	51.881	ug/L	100
15) Methyl Acetate	2.426	43	129159	52.606	ug/L	100
16) Methylene chloride	2.503	84	117777	45.849	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	105851	49.797	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	323851	51.233	ug/L	100
19) 1,1-Dichloroethane	3.188	63	187911	48.975	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	114408	50.535	ug/L	100
22) 2-Butanone	3.957	43	175995	101.566	ug/L	98
23) Bromochloromethane	4.249	128	61312	49.955	ug/L	98
25) Chloroform	4.375	83	190545	48.209	ug/L	96

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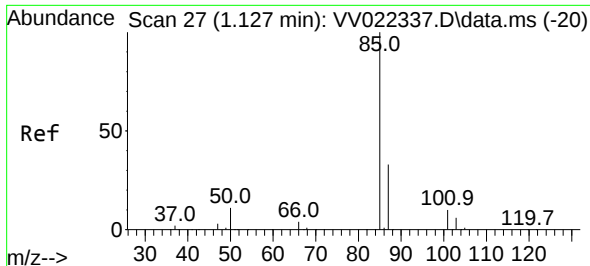
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	139046	49.472	ug/L	99
29) Cyclohexane	4.677	56	162476	51.245	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	164810	50.748	ug/L	98
31) Carbon tetrachloride	4.828	117	144858	50.646	ug/L	99
33) Benzene	5.098	78	424090	51.359	ug/L	100
34) Trichloroethene	5.915	95	106791	50.290	ug/L	97
35) Methylcyclohexane	6.133	83	167126	51.088	ug/L	100
37) 1,2-Dichloropropane	6.175	63	107319	50.642	ug/L	100
38) Bromodichloromethane	6.510	83	138586	51.147	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	169105	54.215	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	324212	108.725	ug/L	99
42) Toluene	7.387	91	454586	51.575	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	160900	54.027	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	109274	50.666	ug/L	98
46) Tetrachloroethene	7.976	164	87623	50.115	ug/L	95
48) 2-Hexanone	8.140	43	252427	111.467	ug/L	99
49) Dibromochloromethane	8.249	129	117195	51.352	ug/L	100
50) 1,2-Dibromoethane	8.352	107	116880	50.699	ug/L	100
51) Chlorobenzene	8.882	112	295061	50.885	ug/L	99
52) Ethylbenzene	9.014	91	477186	51.688	ug/L	100
53) m,p-Xylene	9.140	106	186580	52.479	ug/L	99
54) o-Xylene	9.545	106	183613	53.150	ug/L	97
55) Styrene	9.561	104	324410	54.013	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	180874	50.666	ug/L	98
59) Bromoform	9.731	173	86060	51.854	ug/L	99
60) Isopropylbenzene	9.934	105	479425	52.613	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	140521	50.914	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	400333	53.312	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	410161	54.127	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	237049	51.317	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	239468	50.895	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	238808	50.625	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	39369	54.021	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	173117	51.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	155066	54.995	ug/L	99
71) Naphthalene	13.503	128	534961	61.922	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	158972	54.606	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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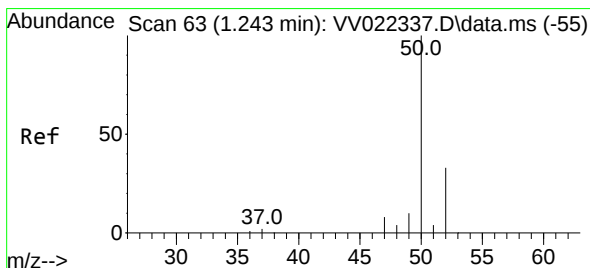
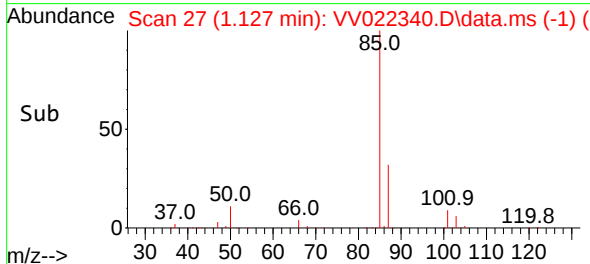
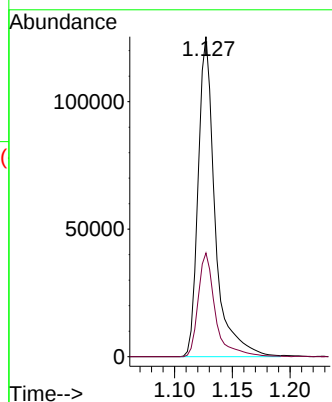
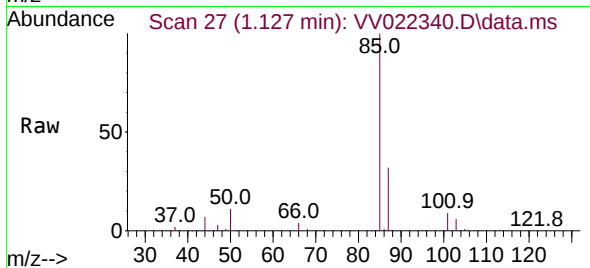




#2
 Dichlorodifluoromethane
 Concen: 47.956 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022340.D
 Acq: 27 Sep 2021 18:09

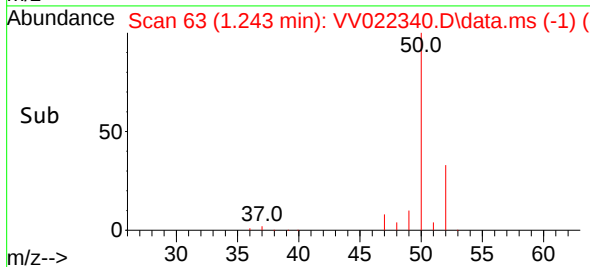
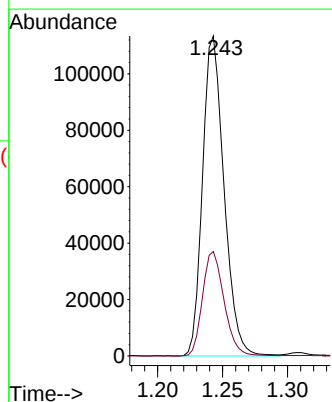
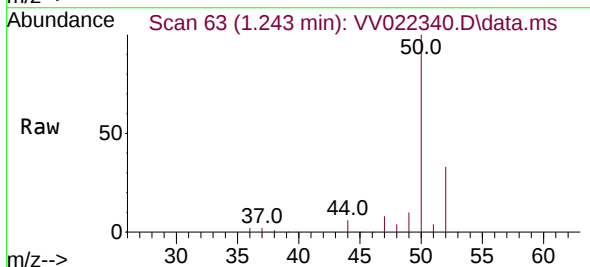
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 MSVOA_V
 ClientSampled :

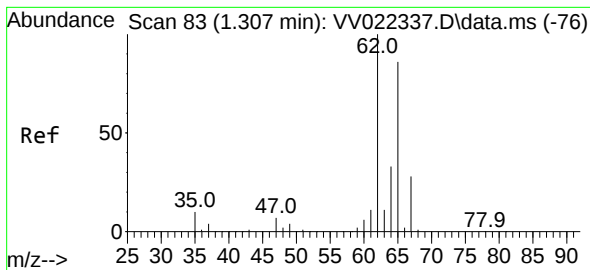
Tgt Ion: 85 Resp: 128068
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.2



#3
 Chloromethane
 Concen: 47.867 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV022340.D
 Acq: 27 Sep 2021 18:09

Tgt Ion: 50 Resp: 130730
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6

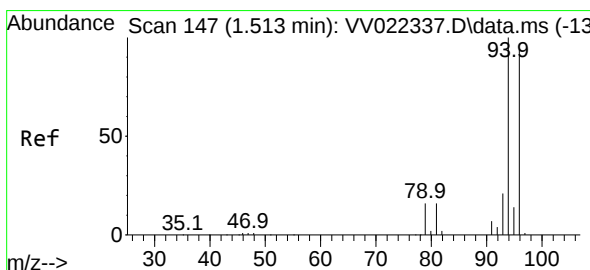
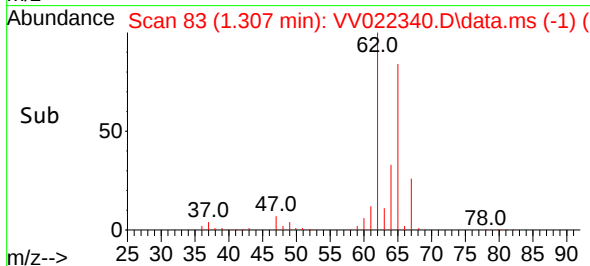
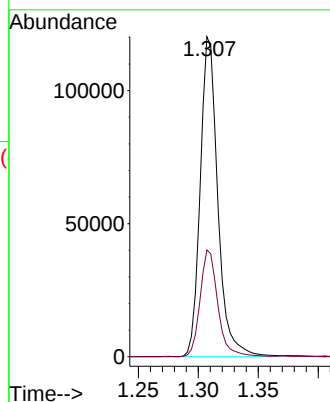
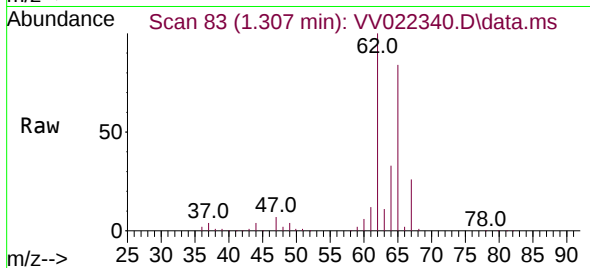




#5
 Vinyl chloride
 Concen: 48.241 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022340.D
 Acq: 27 Sep 2021 18:09

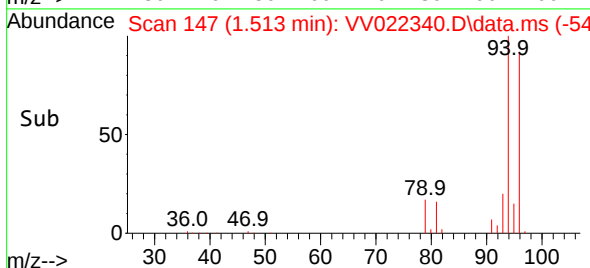
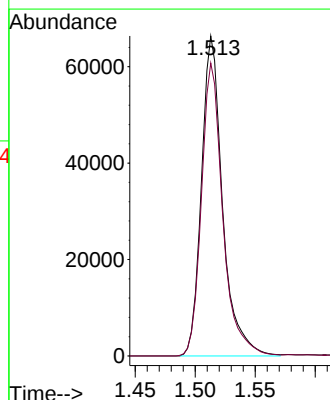
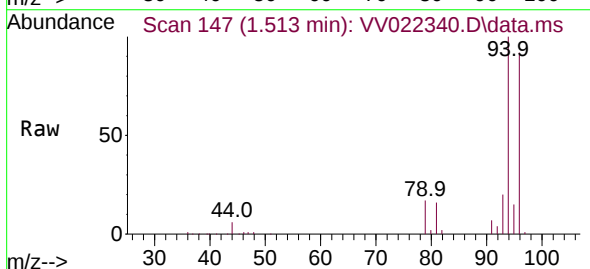
Instrument :
 MSVOA_V
 ClientSampled :

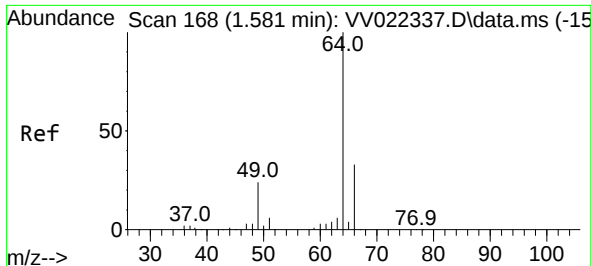
Tgt Ion: 62 Resp: 122957
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.6



#6
 Bromomethane
 Concen: 49.755 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV022340.D
 Acq: 27 Sep 2021 18:09

Tgt Ion: 94 Resp: 81404
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.1 122.8

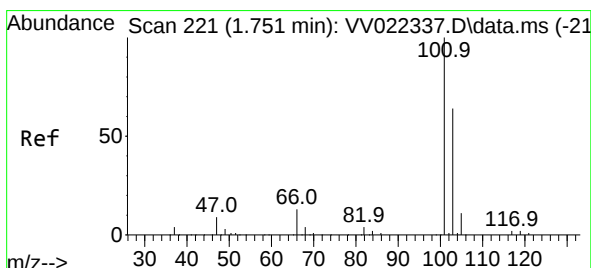
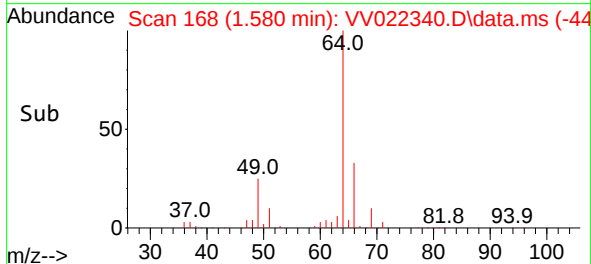
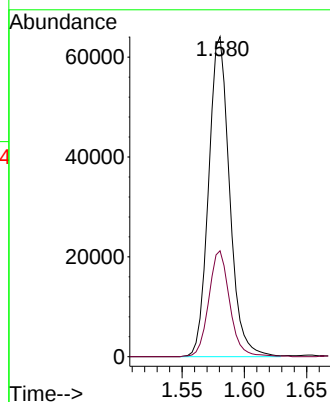
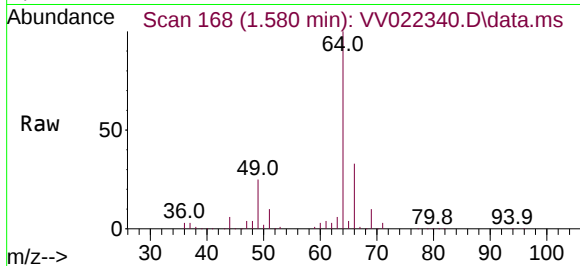




#8
Chloroethane
Concen: 48.393 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

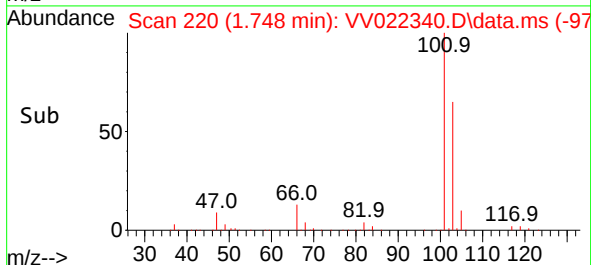
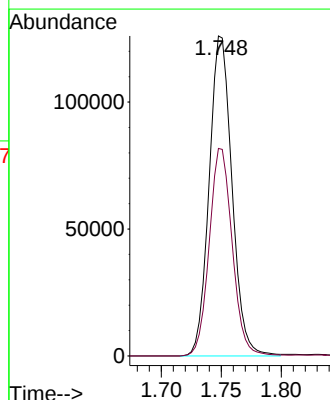
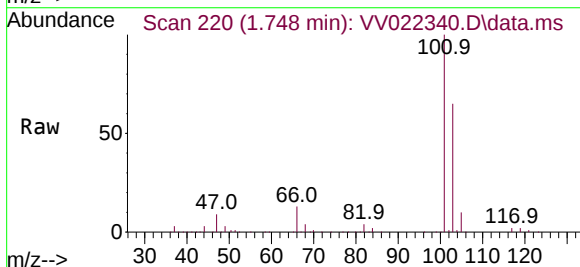
Instrument :
MSVOA_V
ClientSampled :

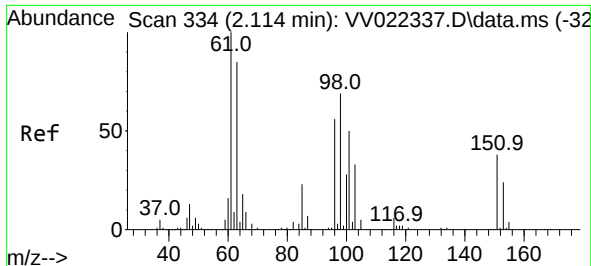
Tgt Ion: 64 Resp: 75209
Ion Ratio Lower Upper
64 100
66 33.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 48.216 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion:101 Resp: 166852
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 46.855 ug/L

RT: 2.114 min Scan# 334

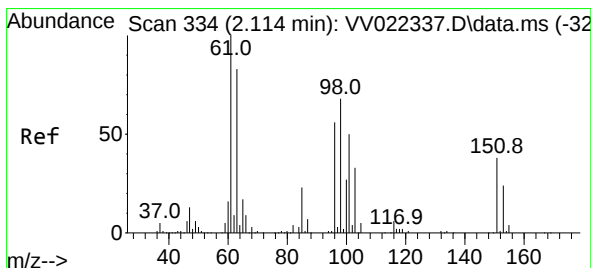
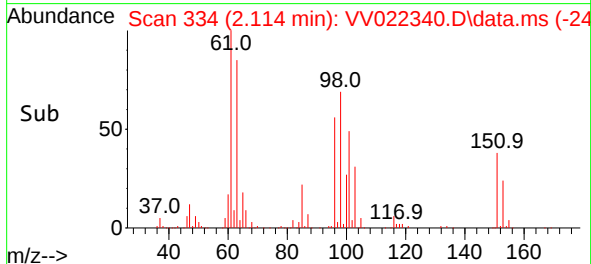
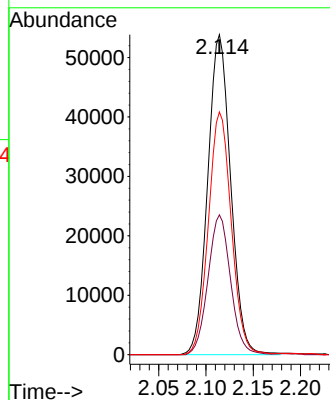
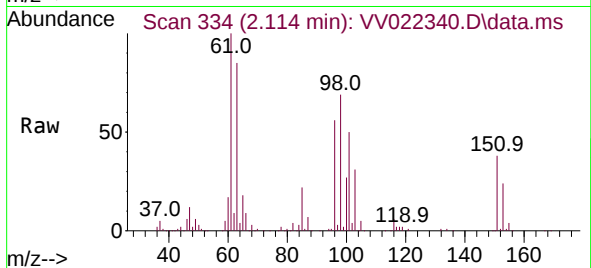
Delta R.T. -0.000 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

Tgt Ion:	101	Resp:	90909
Ion	Ratio	Lower	Upper
101	100		
85	42.9	35.5	53.3
151	75.7	59.6	89.4

Instrument :
MSVOA_V
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 48.780 ug/L

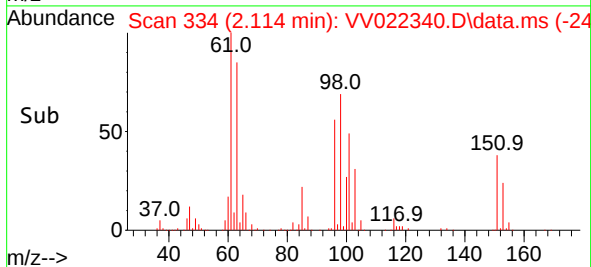
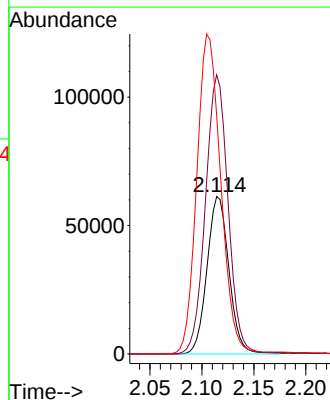
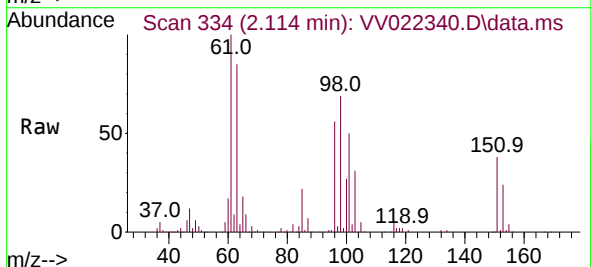
RT: 2.114 min Scan# 334

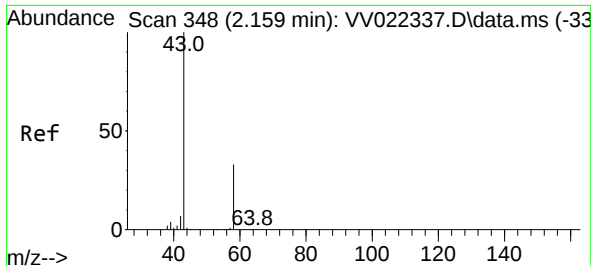
Delta R.T. -0.000 min

Lab File: VV022340.D

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Tgt Ion:	96	Resp:	89909
Ion	Ratio	Lower	Upper
96	100		
61	177.3	124.4	231.0
63	151.4	106.0	196.8

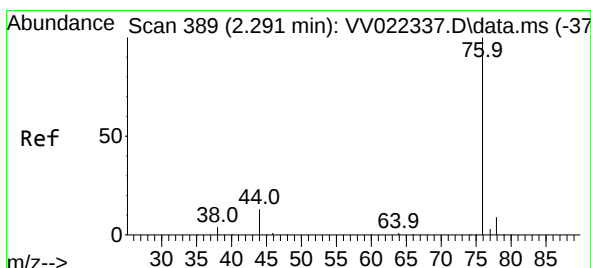
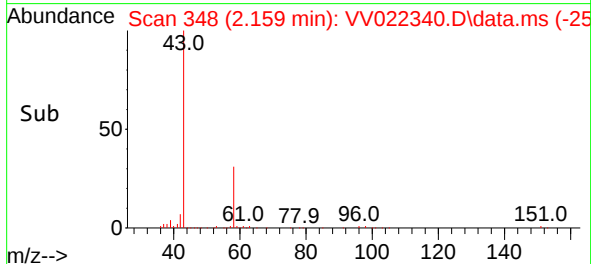
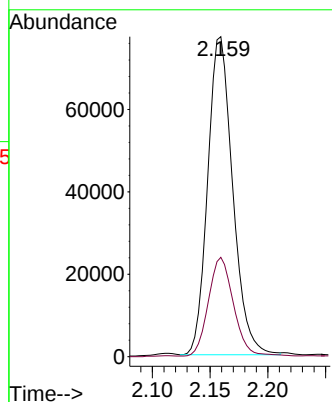
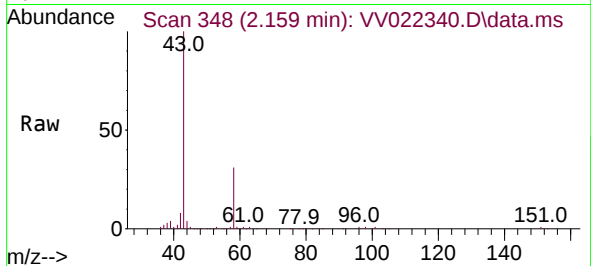




#13
Acetone
Concen: 88.284 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

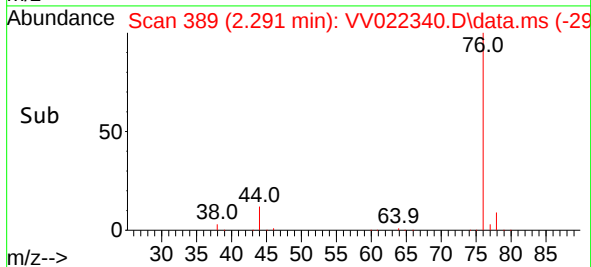
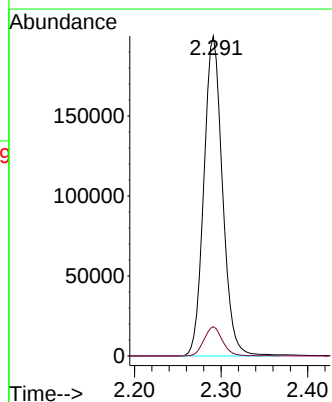
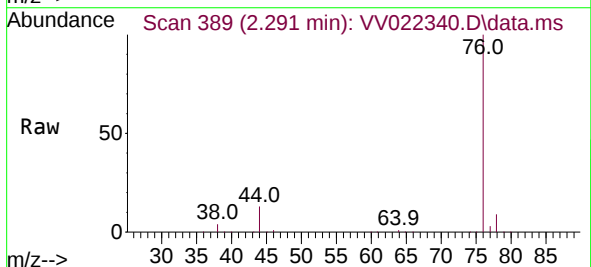
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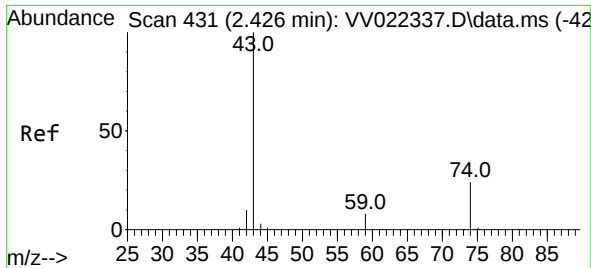
Tgt Ion: 43 Resp: 116291
Ion Ratio Lower Upper
43 100
58 31.1 0.0 67.2



#14
Carbon disulfide
Concen: 51.881 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 76 Resp: 298381
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

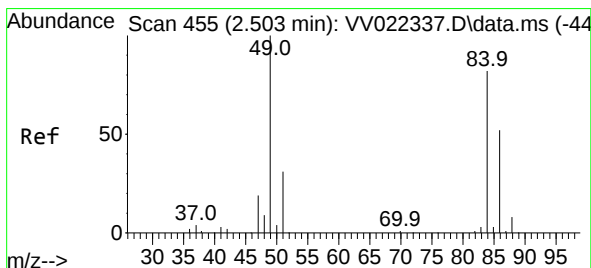
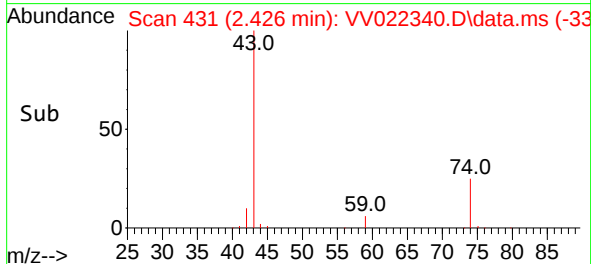
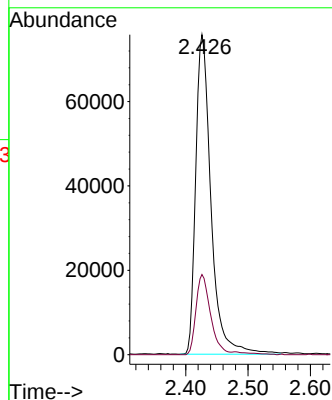
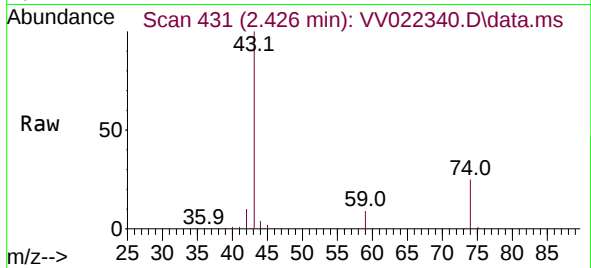




#15
Methyl Acetate
Concen: 52.606 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

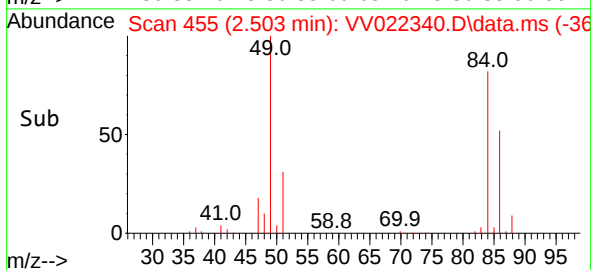
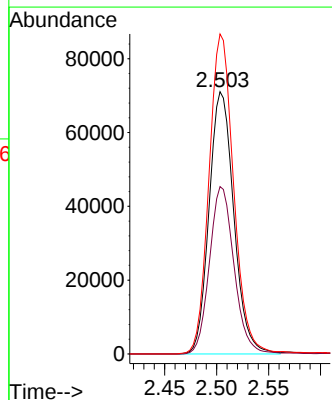
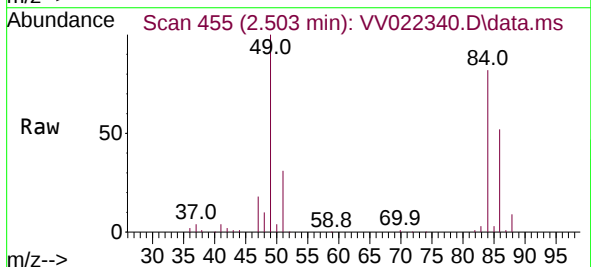
Instrument :
MSVOA_V
ClientSampled :

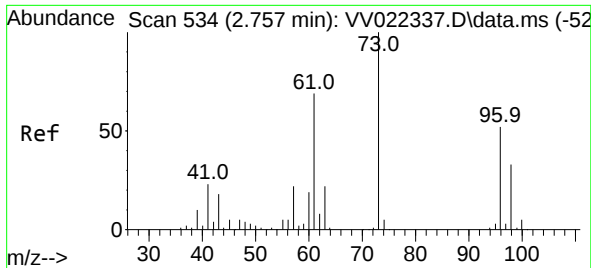
Tgt Ion: 43 Resp: 129159
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.6



#16
Methylene chloride
Concen: 45.849 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 84 Resp: 117777
Ion Ratio Lower Upper
84 100
86 63.8 44.6 82.8
49 122.0 85.3 158.3

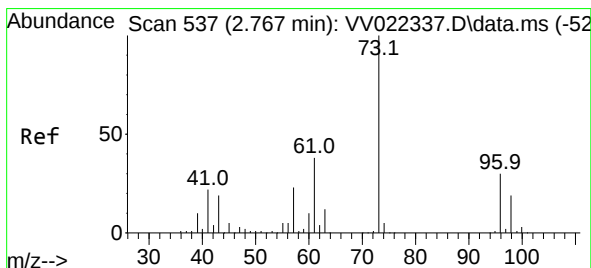
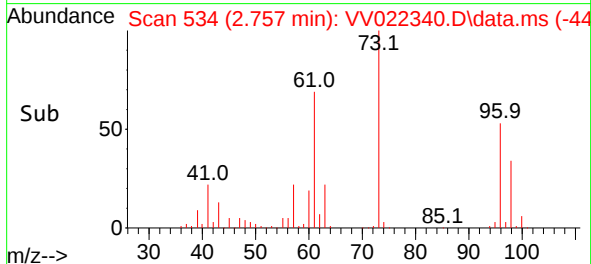
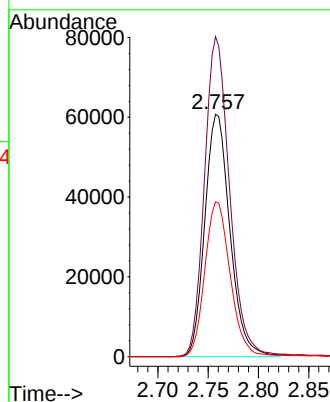
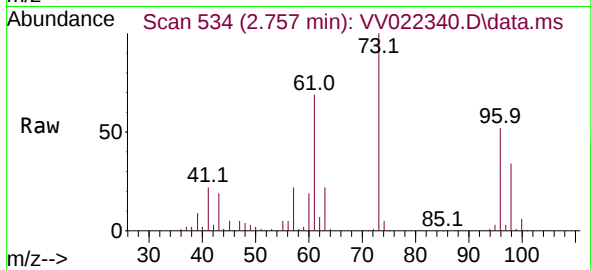




#17
trans-1,2-Dichloroethene
Concen: 49.797 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

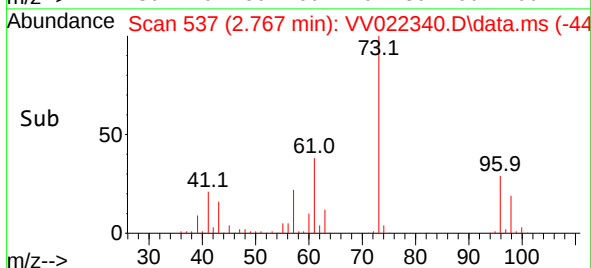
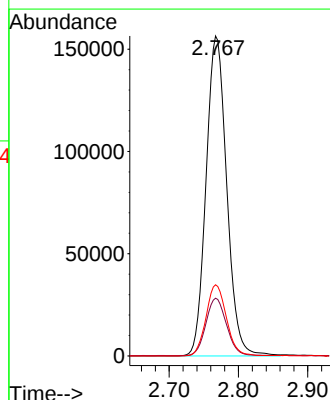
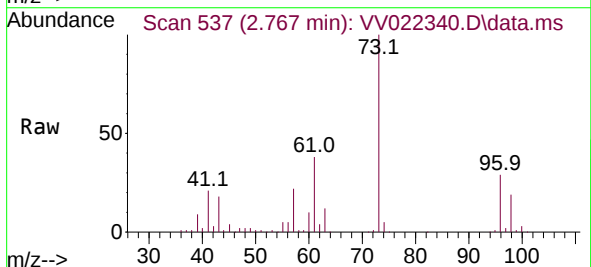
Instrument :
MSVOA_V
ClientSampled :

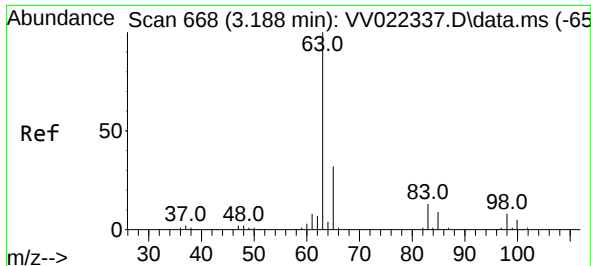
Tgt Ion: 96 Resp: 105851
Ion Ratio Lower Upper
96 100
61 132.0 92.7 172.1
98 63.9 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.233 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 73 Resp: 323851
Ion Ratio Lower Upper
73 100
43 17.9 14.6 21.8
57 21.9 17.6 26.4





#19

1,1-Dichloroethane

Concen: 48.975 ug/L

RT: 3.188 min Scan# 668

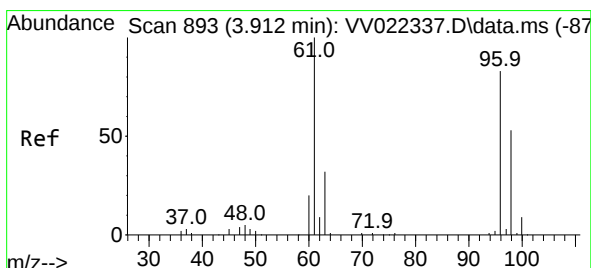
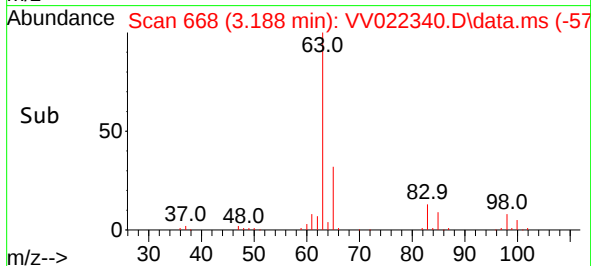
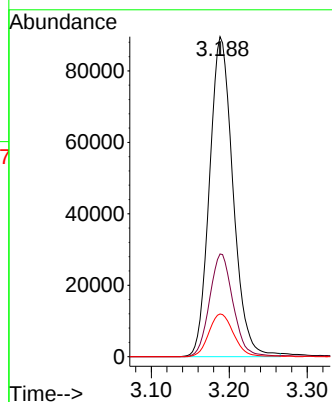
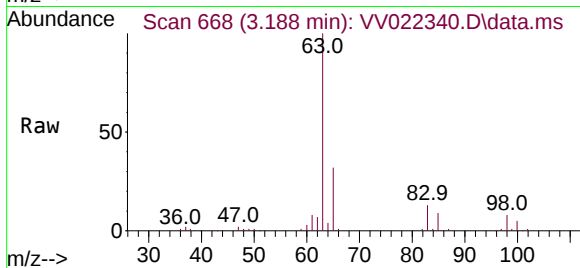
Delta R.T. -0.000 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

Tgt Ion:	63	Resp:	187911
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.3
83	13.4	9.4	17.4

Instrument :
MSVOA_V
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 50.535 ug/L

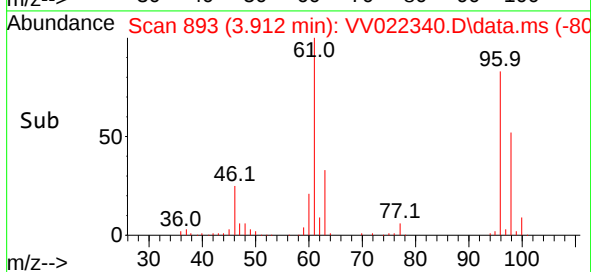
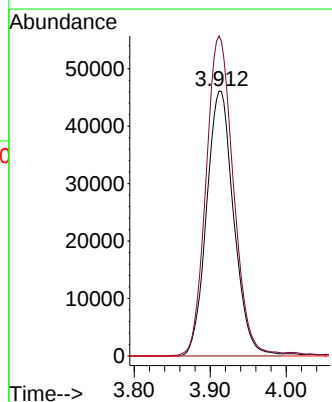
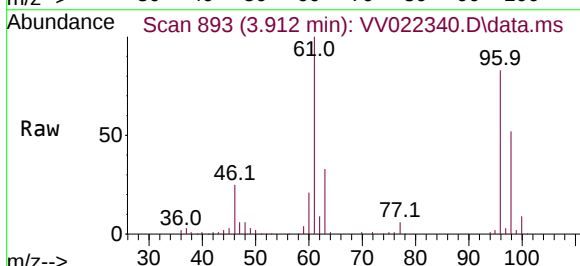
RT: 3.912 min Scan# 893

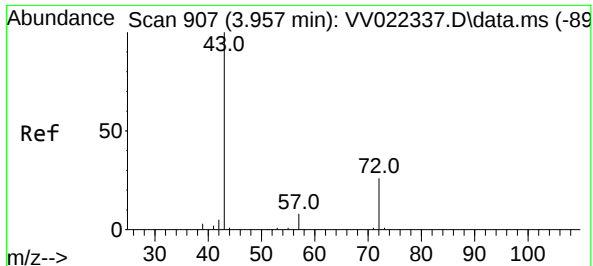
Delta R.T. -0.000 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

Tgt Ion:	96	Resp:	114408
Ion	Ratio	Lower	Upper
96	100		
61	120.8	84.6	157.0
68	0.0	0.0	0.0

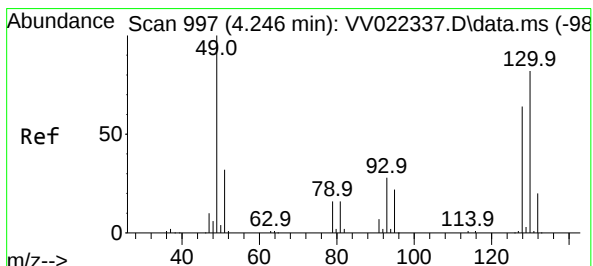
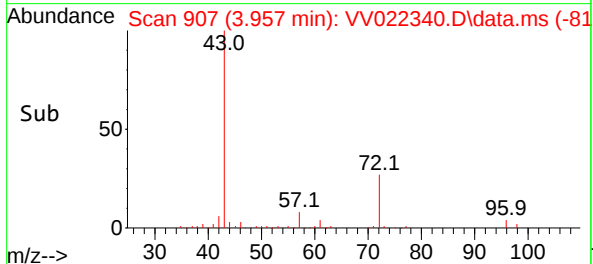
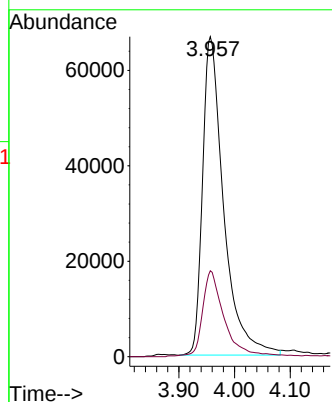
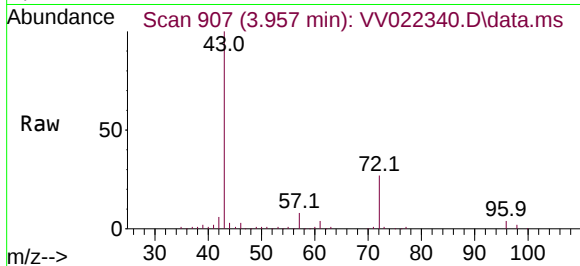




#22
2-Butanone
Concen: 101.566 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

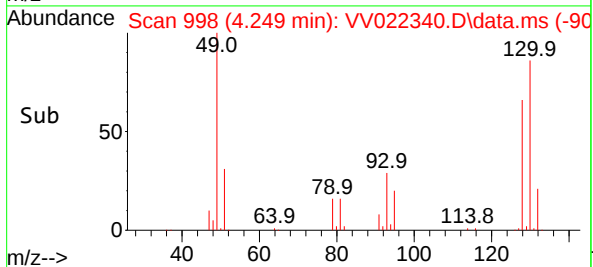
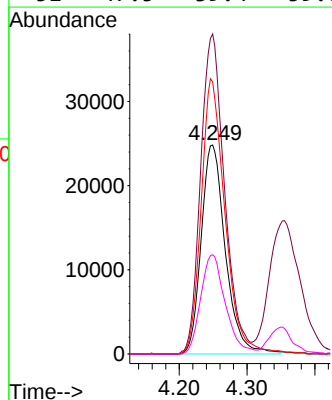
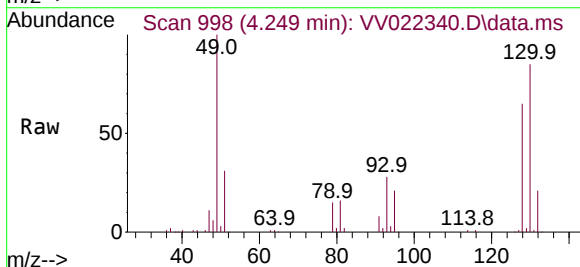
Instrument :
MSVOA_V
ClientSampleId :

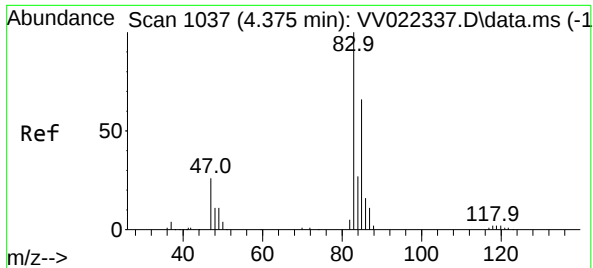
Tgt Ion: 43 Resp: 175995
Ion Ratio Lower Upper
43 100
72 26.4 13.8 41.4



#23
Bromochloromethane
Concen: 49.955 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion:128 Resp: 61312
Ion Ratio Lower Upper
128 100
49 153.1 109.1 202.7
130 130.1 89.3 165.9
51 47.5 39.4 59.0

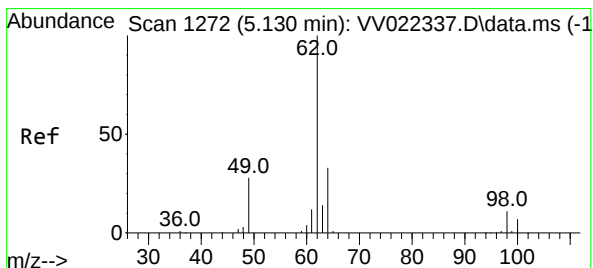
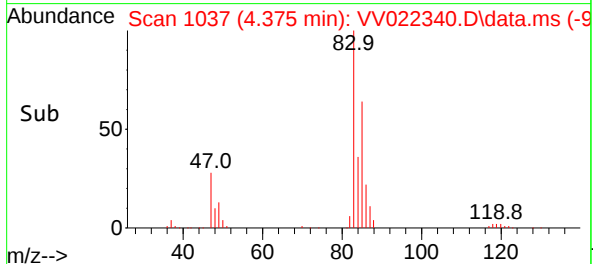
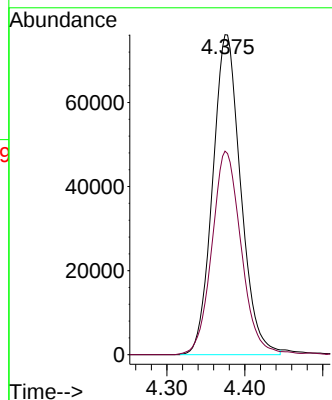
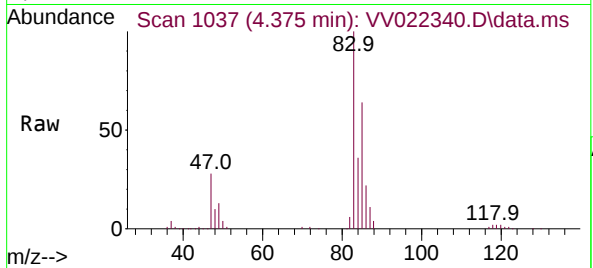




#25
Chloroform
Concen: 48.209 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

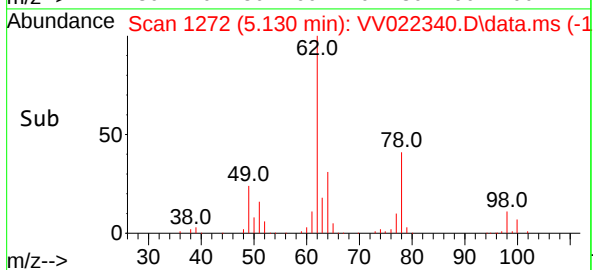
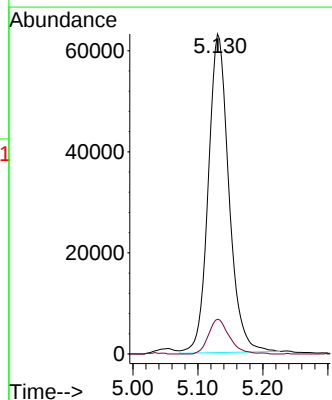
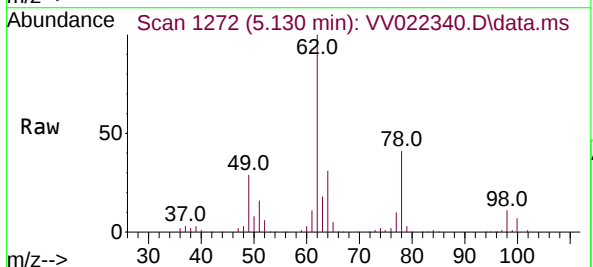
Instrument :
MSVOA_V
ClientSampled :

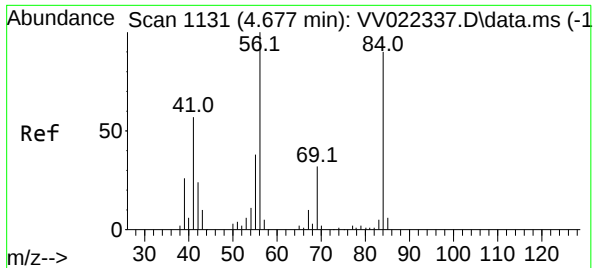
Tgt Ion: 83 Resp: 190545
Ion Ratio Lower Upper
83 100
85 63.6 46.5 86.3



#27
1,2-Dichloroethane
Concen: 49.472 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 62 Resp: 139046
Ion Ratio Lower Upper
62 100
98 10.9 8.9 13.3





#29

Cyclohexane

Concen: 51.245 ug/L

RT: 4.677 min Scan# 1131

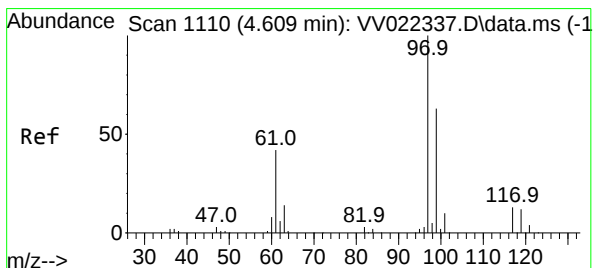
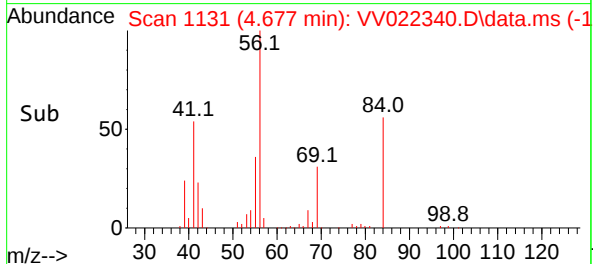
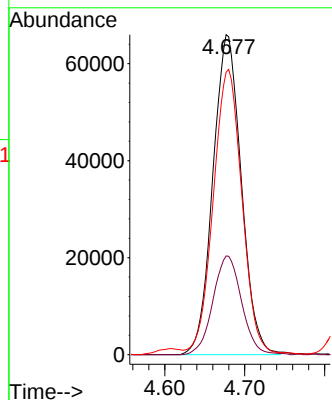
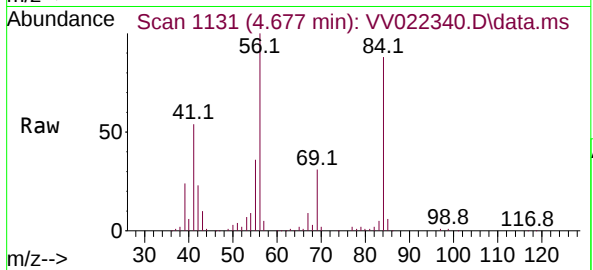
Delta R.T. -0.000 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	56	Resp:	162476
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.6	37.0
84	89.9	71.8	107.8



#30

1,1,1-Trichloroethane

Concen: 50.748 ug/L

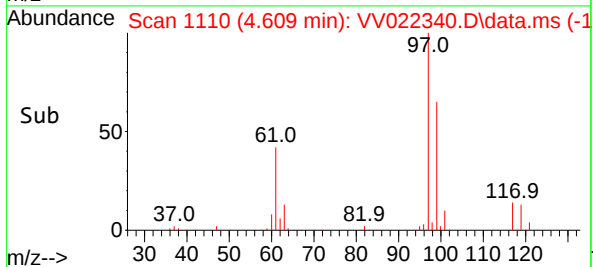
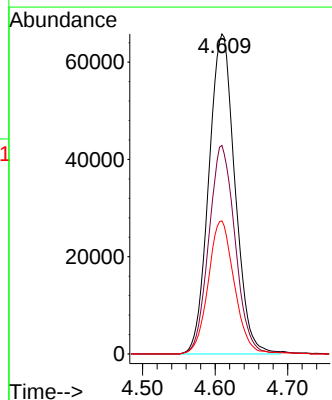
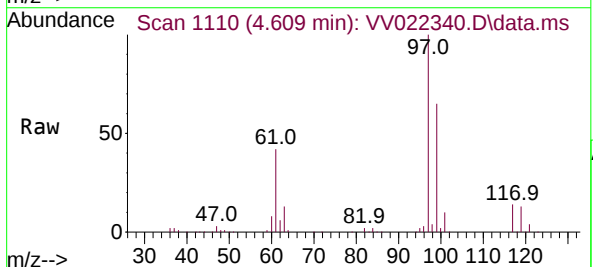
RT: 4.609 min Scan# 1110

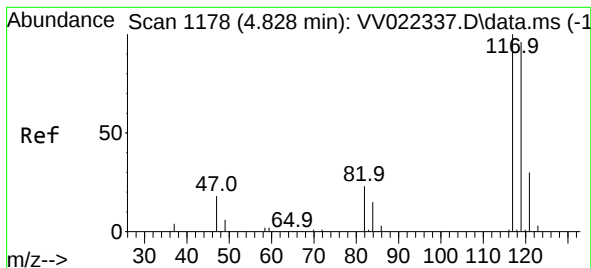
Delta R.T. -0.000 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

Tgt Ion:	97	Resp:	164810
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	41.2	33.7	50.5

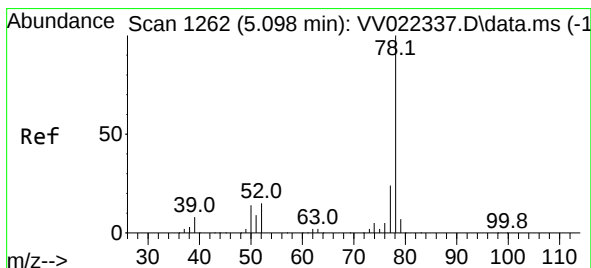
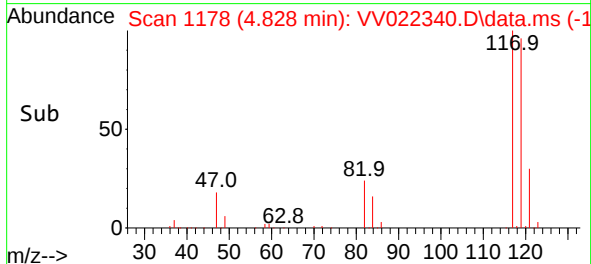
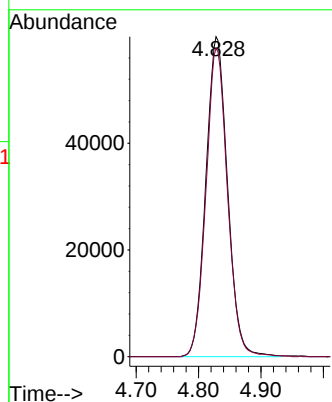
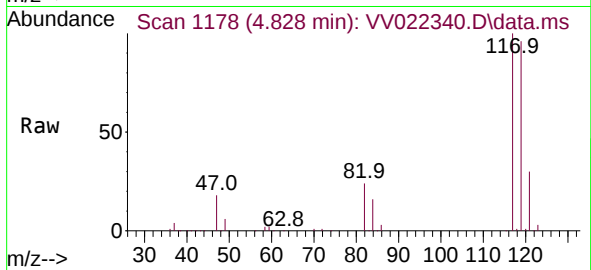




#31
Carbon tetrachloride
Concen: 50.646 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

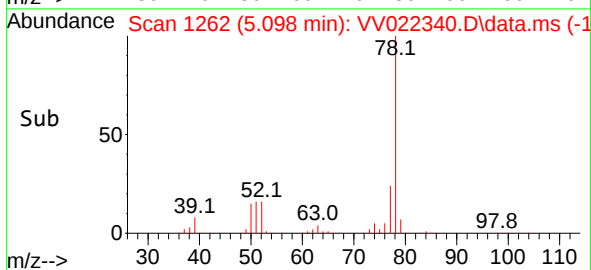
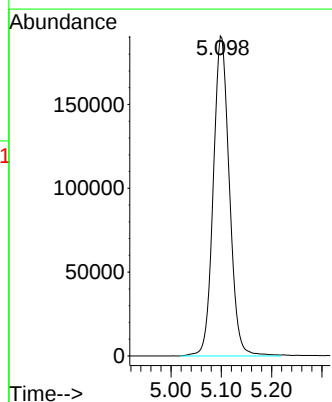
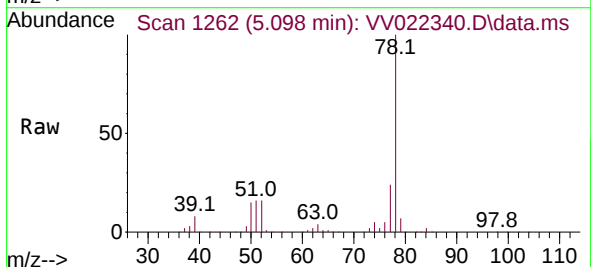
Instrument :
MSVOA_V
ClientSampled :

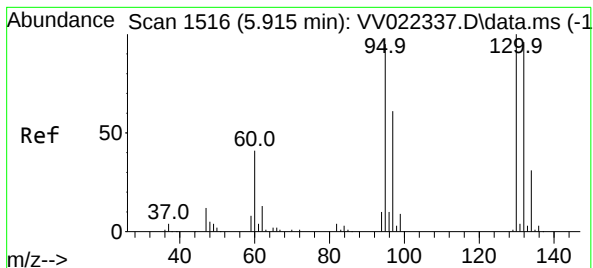
Tgt Ion:117 Resp: 144858
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7



#33
Benzene
Concen: 51.359 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 78 Resp: 424090





#34

Trichloroethene

Concen: 50.290 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

Tgt Ion: 95 Resp: 106791

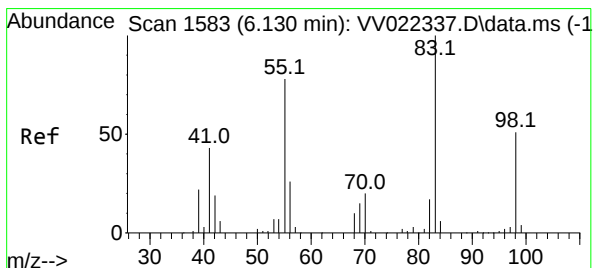
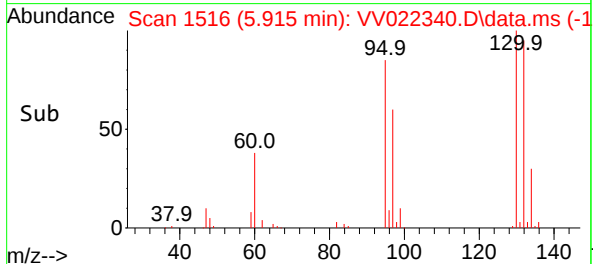
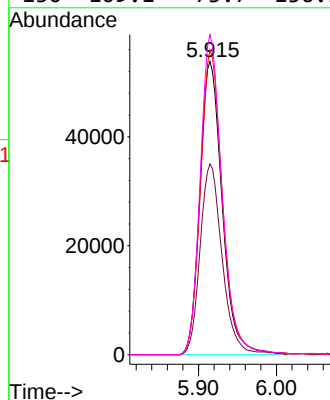
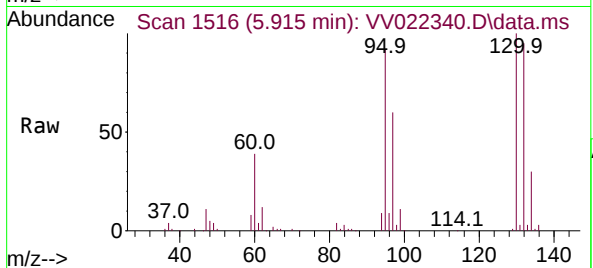
Ion Ratio Lower Upper

95 100

97 65.0 45.2 84.0

132 104.0 71.0 131.8

130 109.1 73.7 136.9



#35

Methylcyclohexane

Concen: 51.088 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

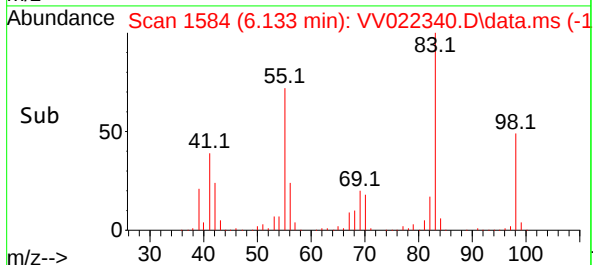
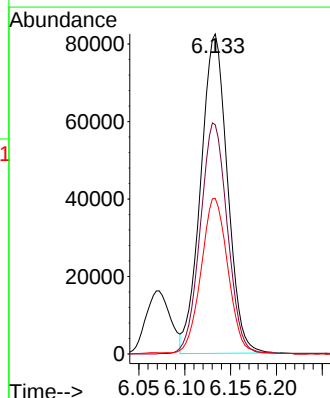
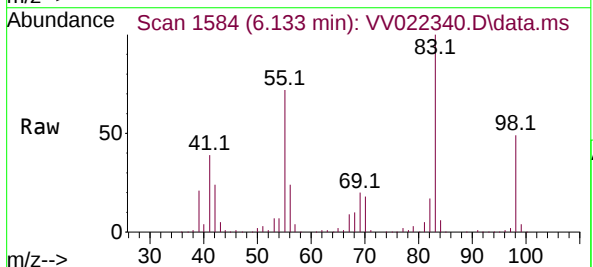
Tgt Ion: 83 Resp: 167126

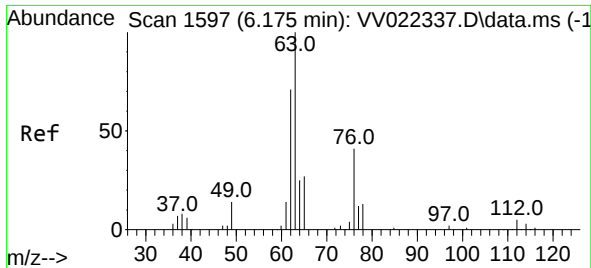
Ion Ratio Lower Upper

83 100

55 73.5 58.6 87.8

98 49.2 39.2 58.8

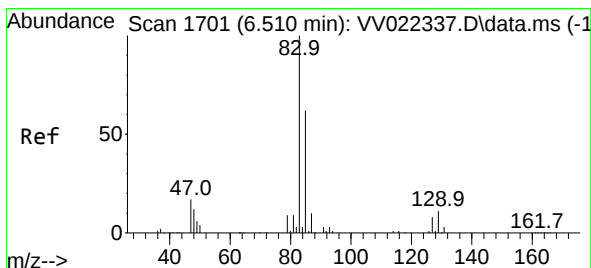
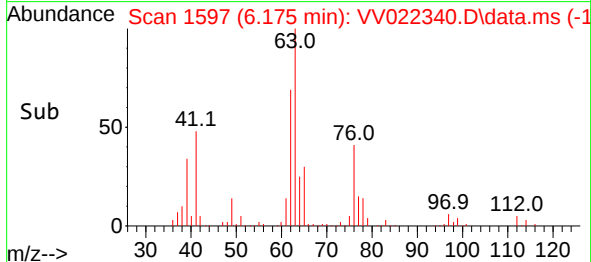
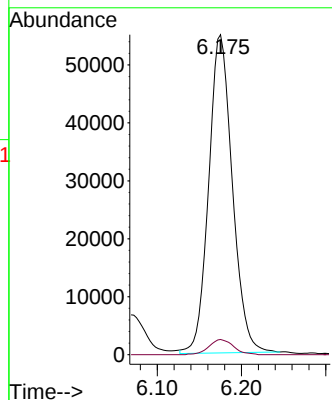
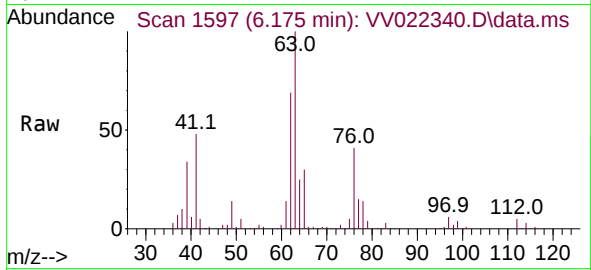




#37
1,2-Dichloropropane
Concen: 50.642 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

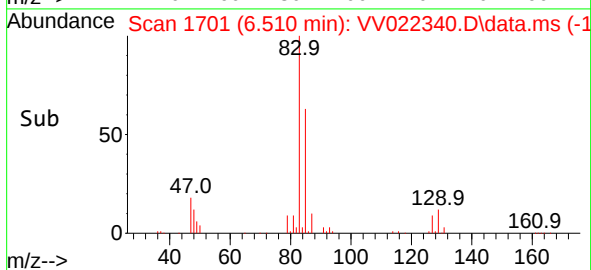
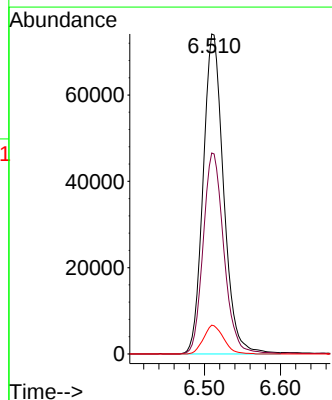
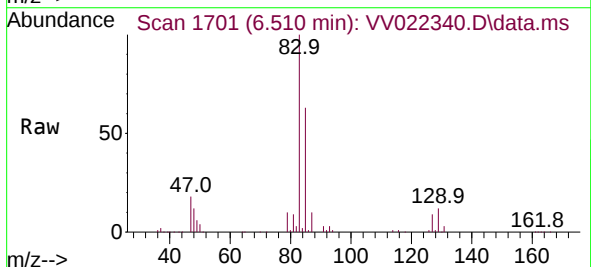
Instrument :
MSVOA_V
ClientSampled :

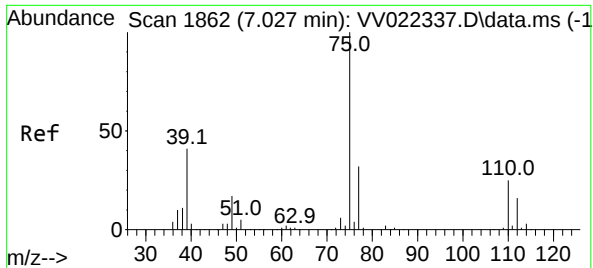
Tgt Ion: 63 Resp: 107319
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 51.147 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 83 Resp: 138586
Ion Ratio Lower Upper
83 100
85 62.8 43.2 80.2
127 9.0 6.6 10.0

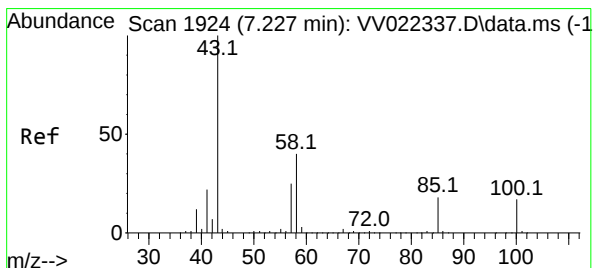
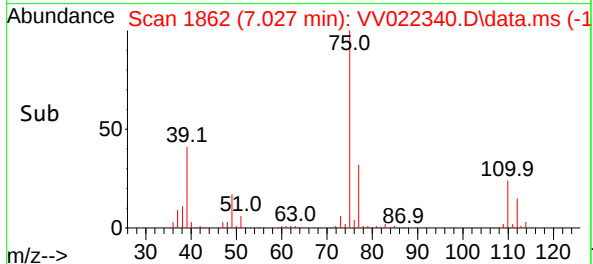
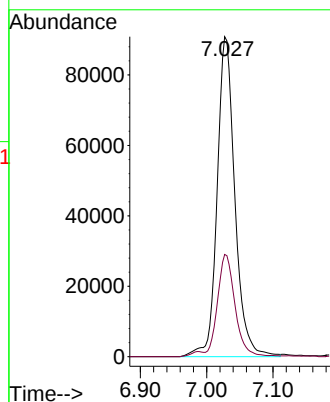
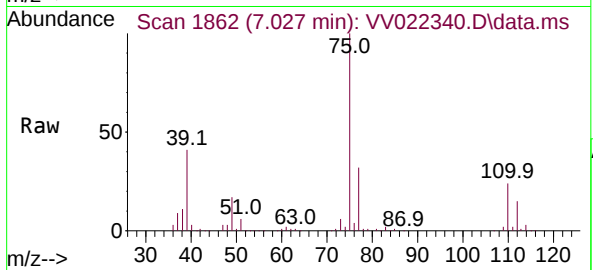




#39
 cis-1,3-Dichloropropene
 Concen: 54.215 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV022340.D
 Acq: 27 Sep 2021 18:09

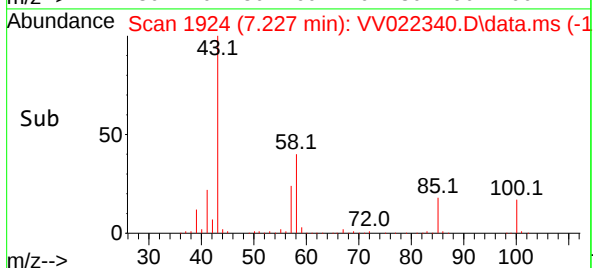
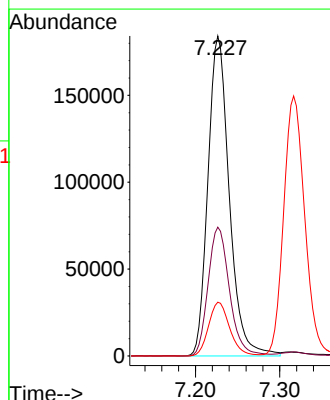
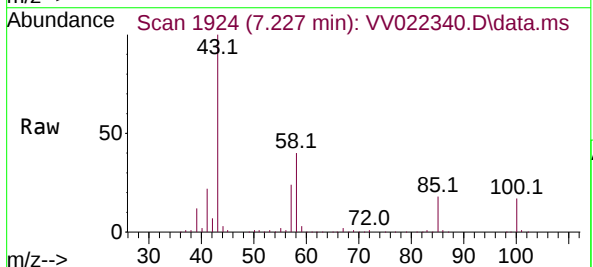
Instrument :
 MSVOA_V
 ClientSampled :

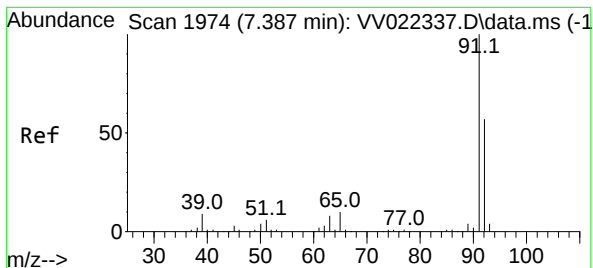
Tgt Ion: 75 Resp: 169105
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 108.725 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV022340.D
 Acq: 27 Sep 2021 18:09

Tgt Ion: 43 Resp: 324212
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.6 47.4
 100 16.7 13.1 19.7





#42

Toluene

Concen: 51.575 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV022340.D

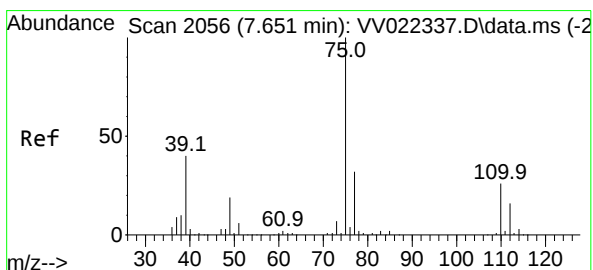
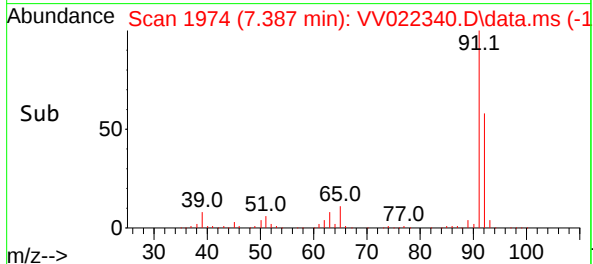
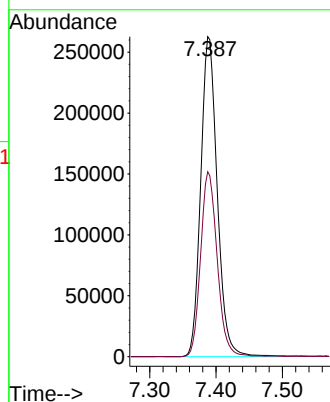
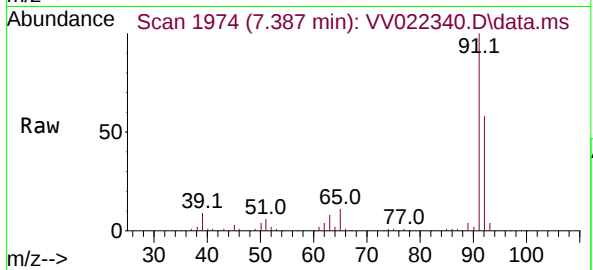
Acq: 27 Sep 2021 18:09

Tgt Ion: 91 Resp: 454586

Ion Ratio Lower Upper

91 100

92 57.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 54.027 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV022340.D

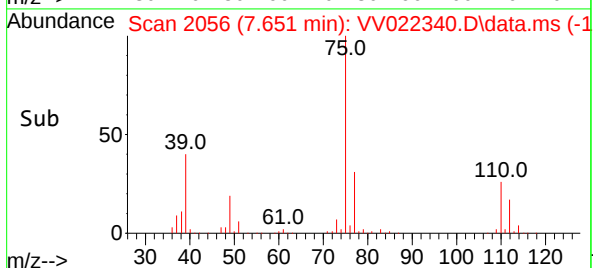
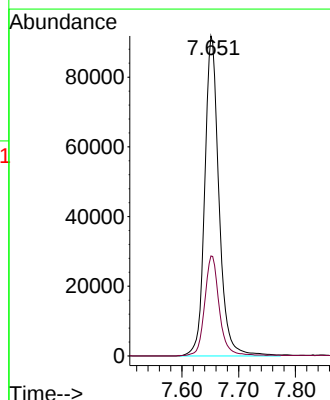
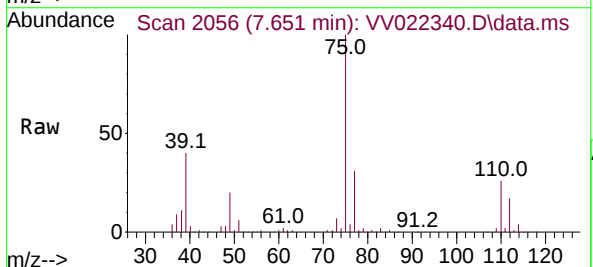
Acq: 27 Sep 2021 18:09

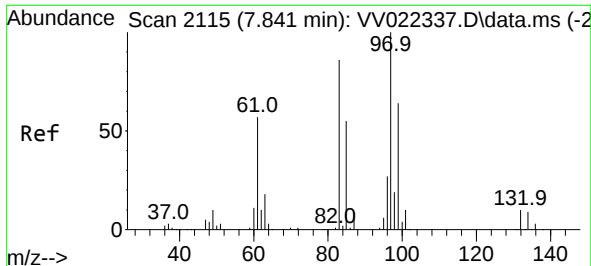
Tgt Ion: 75 Resp: 160900

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 50.666 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

Tgt Ion: 97 Resp: 109274

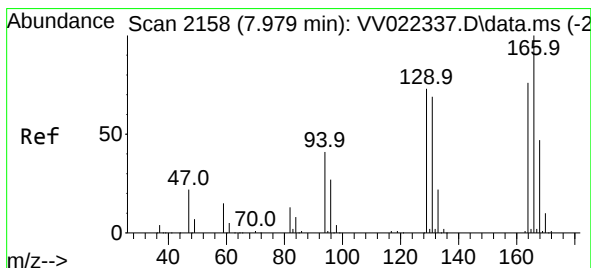
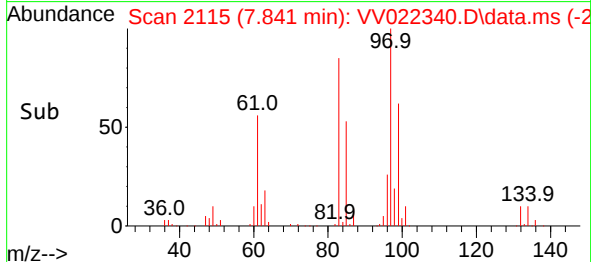
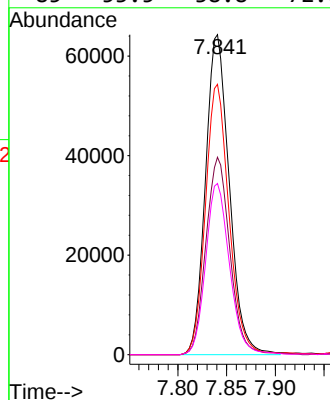
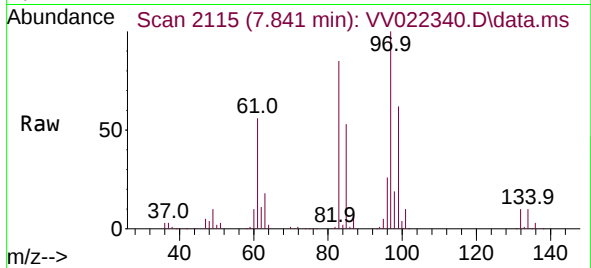
Ion Ratio Lower Upper

97 100

99 61.7 44.6 82.8

83 84.5 59.8 111.1

85 53.5 38.8 72.0



#46

Tetrachloroethene

Concen: 50.115 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV022340.D

Acq: 27 Sep 2021 18:09

Tgt Ion: 164 Resp: 87623

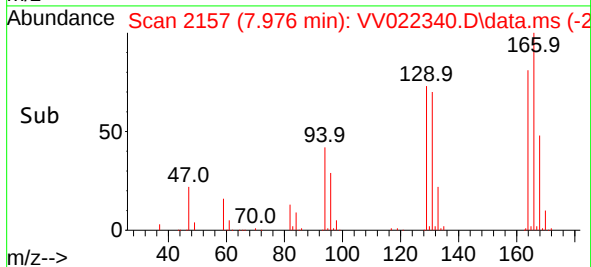
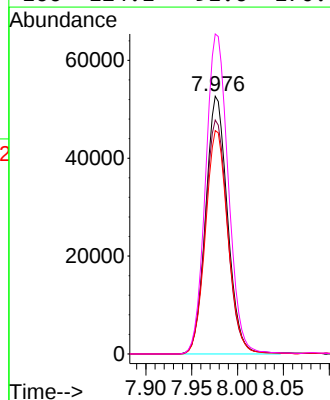
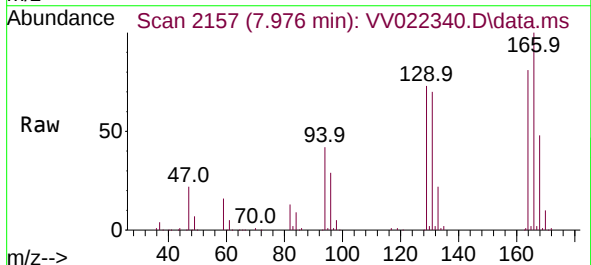
Ion Ratio Lower Upper

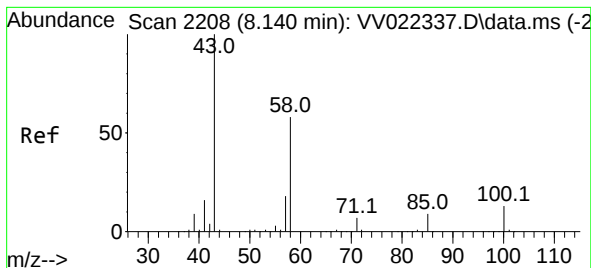
164 100

129 90.7 66.4 123.4

131 86.6 63.6 118.0

166 124.1 91.6 170.0

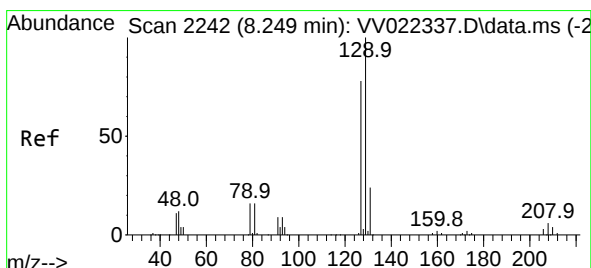
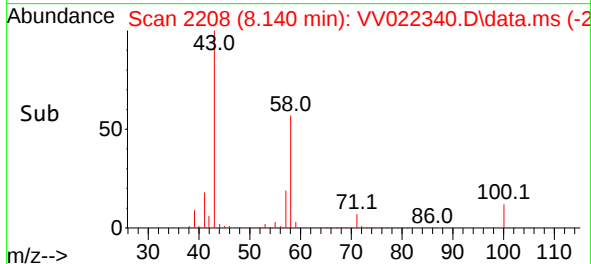
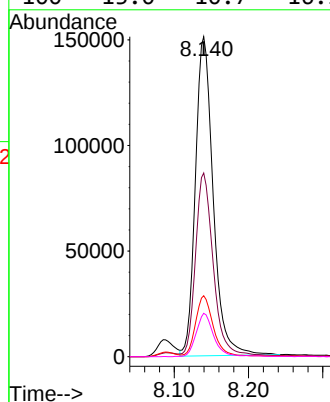
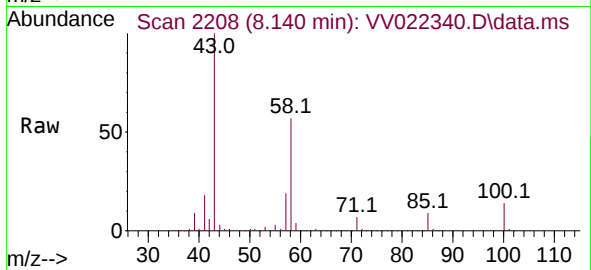




#48
2-Hexanone
Concen: 111.467 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

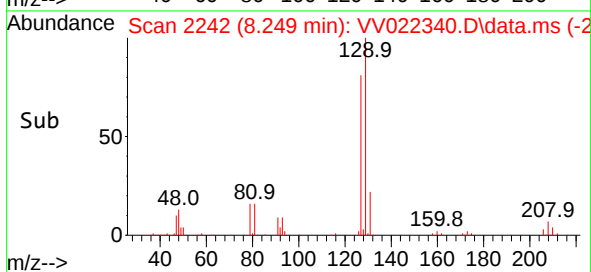
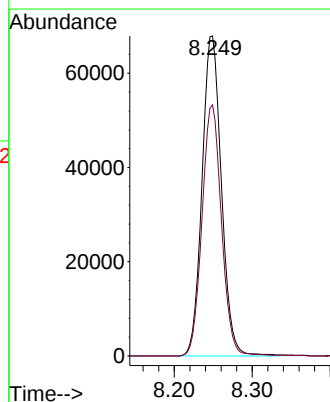
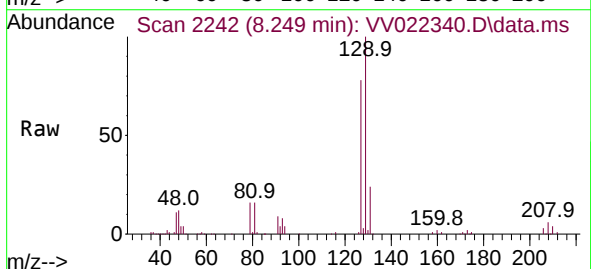
Instrument :
MSVOA_V
ClientSampled :

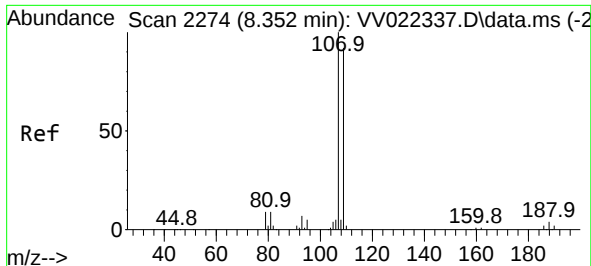
Tgt Ion:	43	Resp:	252427
Ion	Ratio	Lower	Upper
43	100		
58	57.2	45.4	68.2
57	18.5	15.0	22.4
100	13.0	10.7	16.1



#49
Dibromochloromethane
Concen: 51.352 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

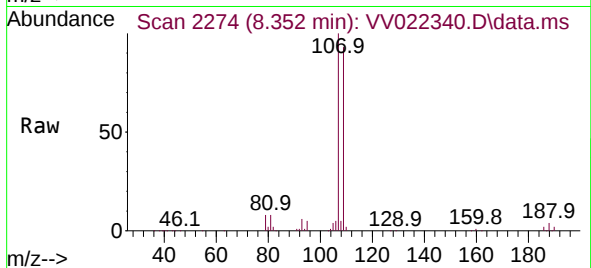
Tgt Ion:	129	Resp:	117195
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.7	101.7



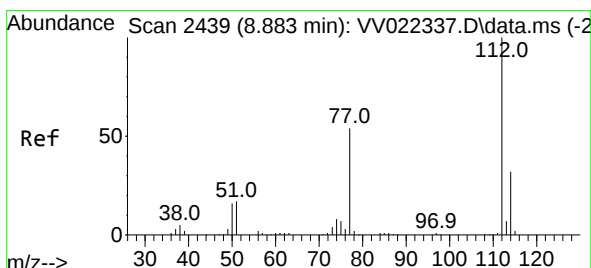
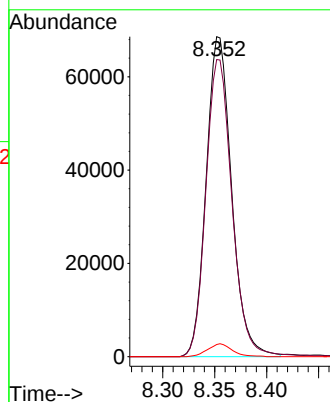
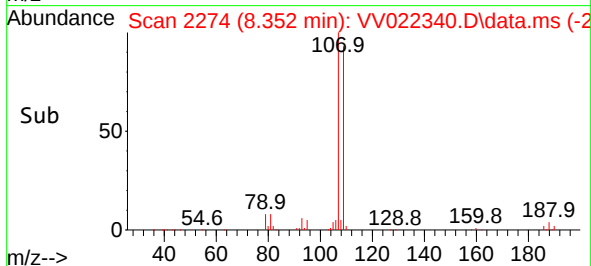


#50
1,2-Dibromoethane
Concen: 50.699 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

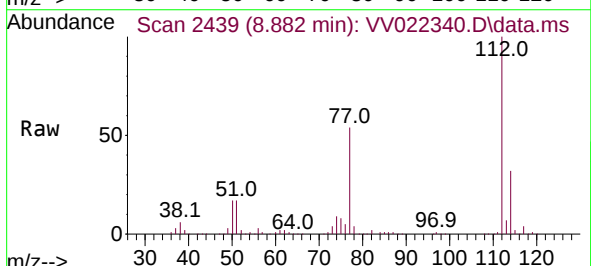
Instrument :
MSVOA_V
ClientSampleId :



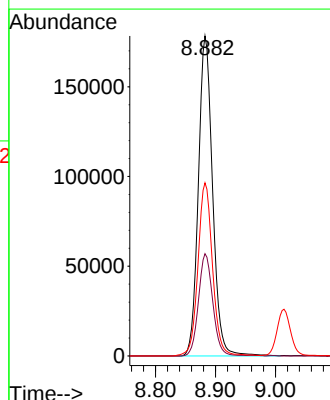
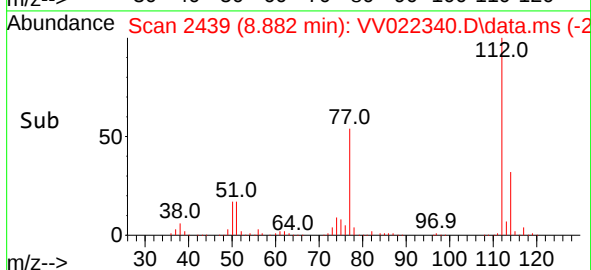
Tgt Ion:107 Resp: 116880
Ion Ratio Lower Upper
107 100
109 92.8 64.7 120.1
188 3.8 2.9 4.3

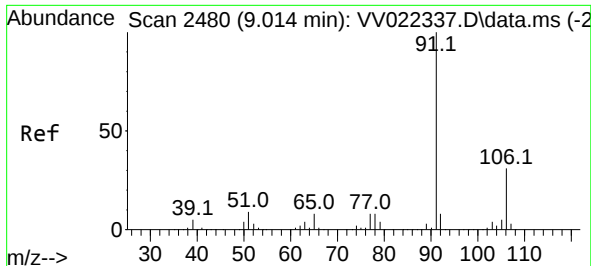


#51
Chlorobenzene
Concen: 50.885 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09



Tgt Ion:112 Resp: 295061
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.1
77 54.1 43.9 65.9

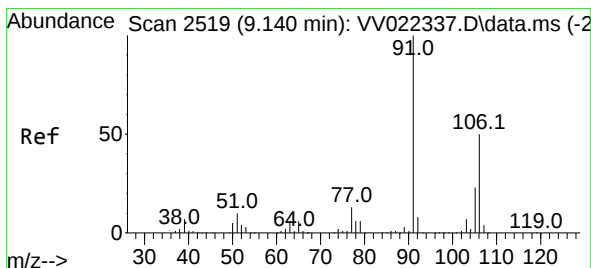
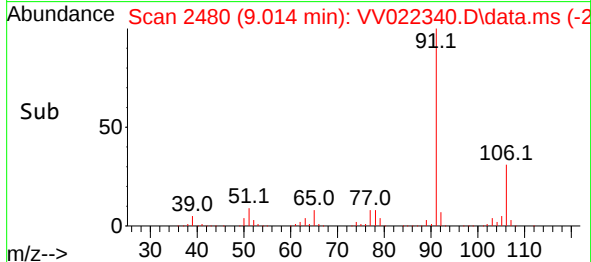
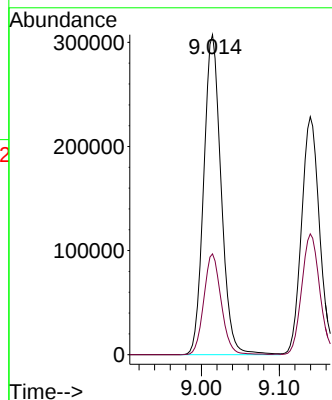
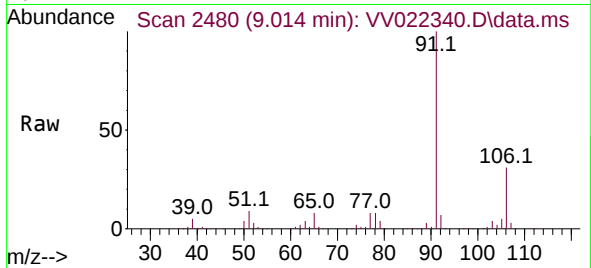




#52
Ethylbenzene
Concen: 51.688 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

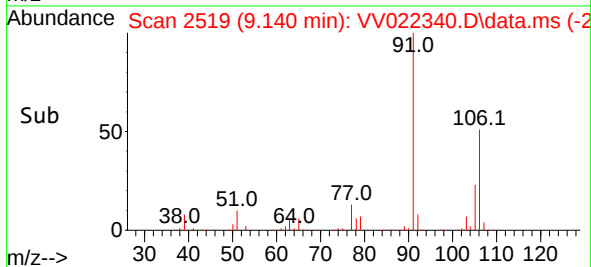
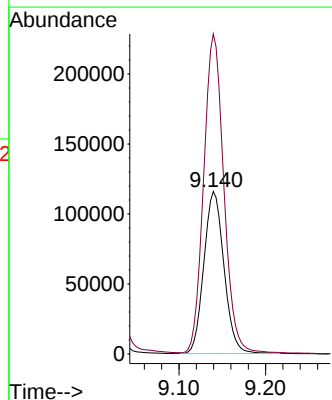
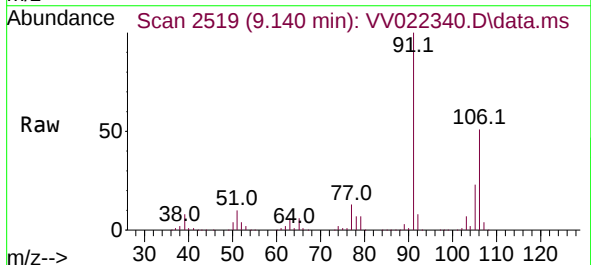
Instrument :
MSVOA_V
ClientSampled :

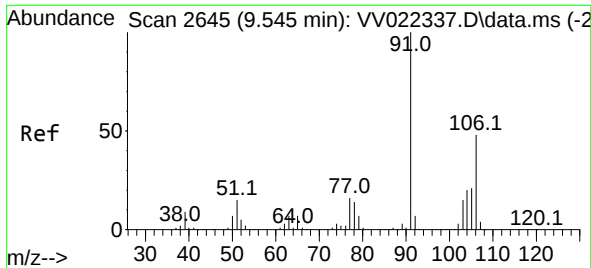
Tgt Ion: 91 Resp: 477186
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 52.479 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 106 Resp: 186580
Ion Ratio Lower Upper
106 100
91 197.0 139.2 258.6

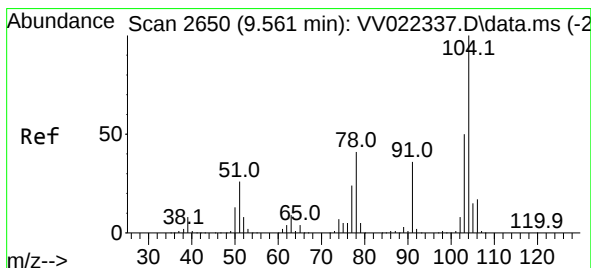
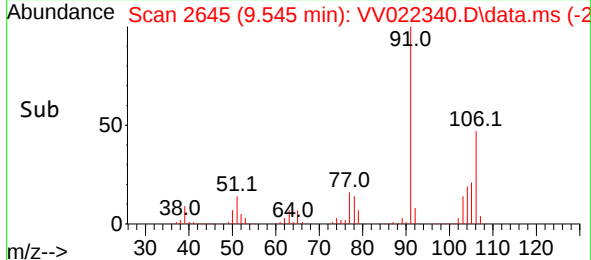
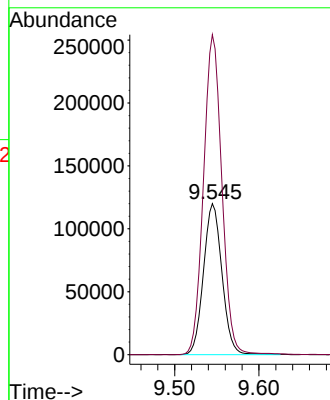
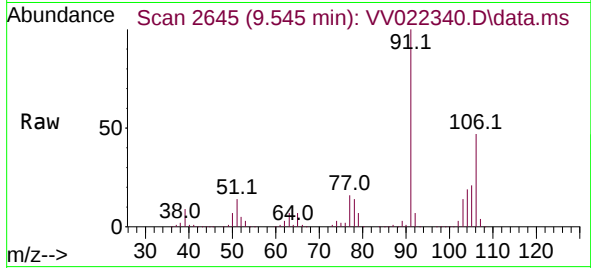




#54
o-Xylene
Concen: 53.150 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

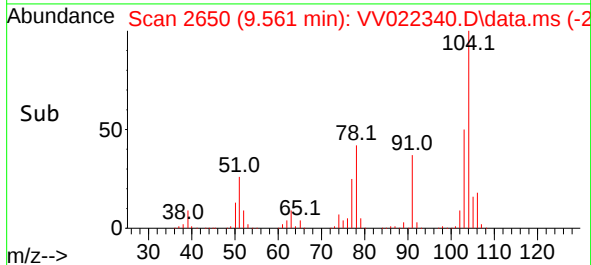
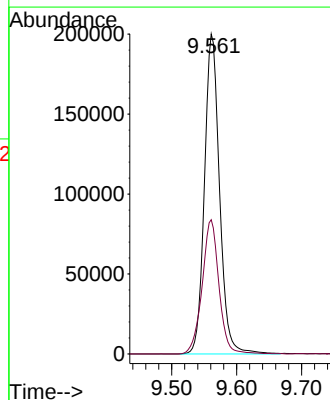
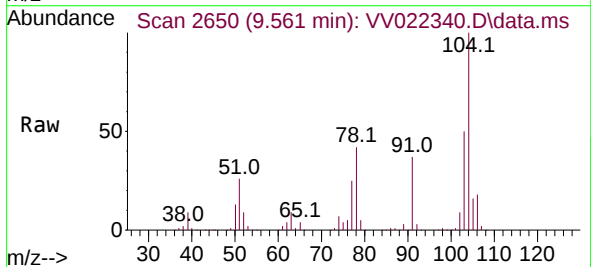
Instrument :
MSVOA_V
ClientSampled :

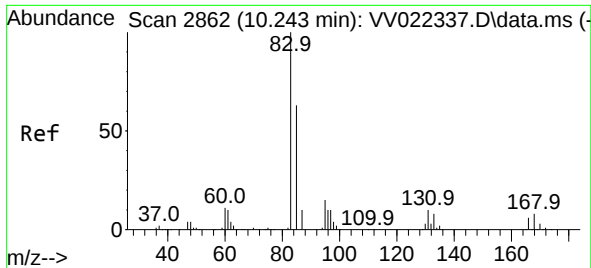
Tgt Ion:106 Resp: 183613
Ion Ratio Lower Upper
106 100
91 211.8 144.9 269.1



#55
Styrene
Concen: 54.013 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion:104 Resp: 324410
Ion Ratio Lower Upper
104 100
78 42.0 28.6 53.2

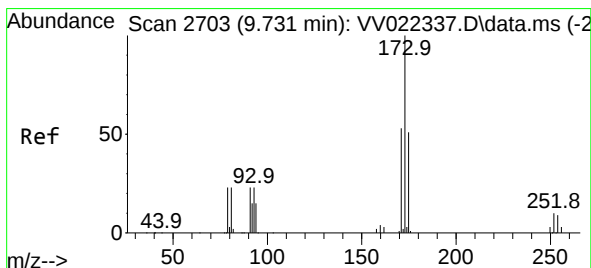
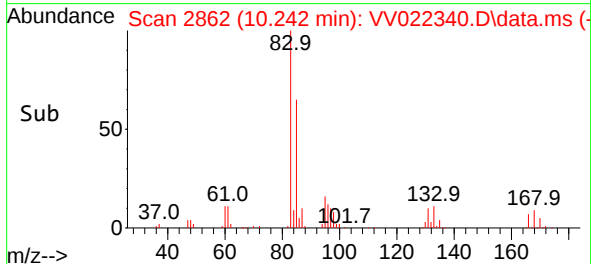
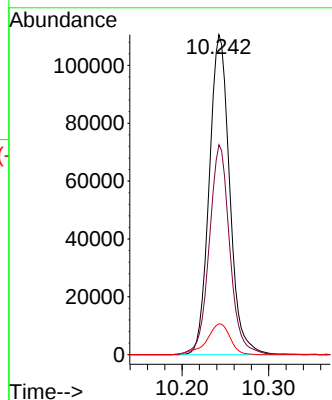
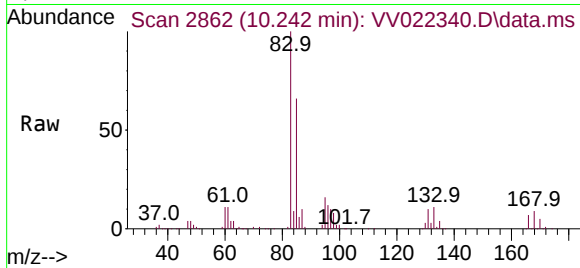




#57
1,1,2,2-Tetrachloroethane
Concen: 50.666 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

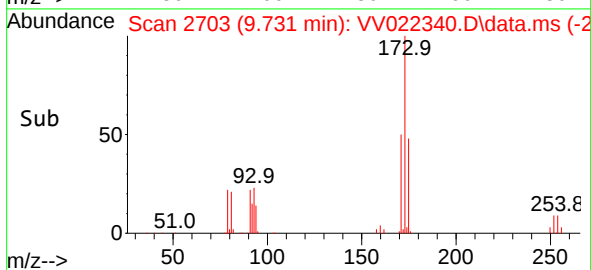
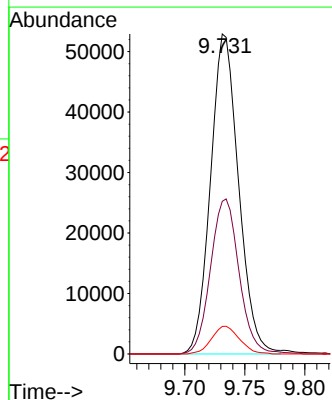
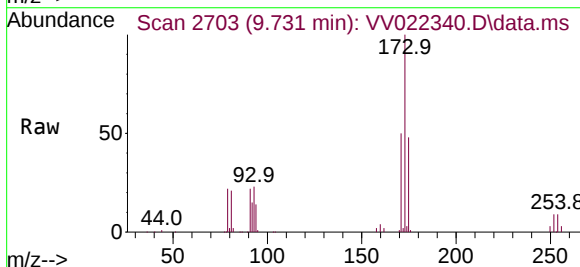
Instrument :
MSVOA_V
ClientSampleId :

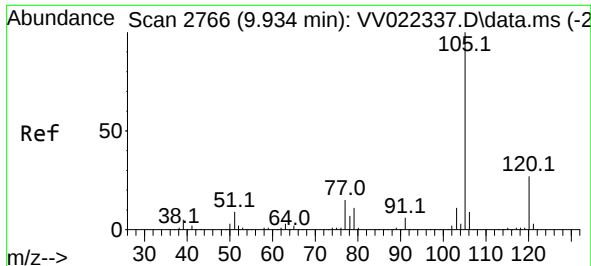
Tgt Ion:	83	Resp:	180874
Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.6	82.8
131	9.7	7.8	11.8



#59
Bromoform
Concen: 51.854 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion:	173	Resp:	86060
Ion	Ratio	Lower	Upper
173	100		
175	49.2	40.1	60.1
254	8.6	6.9	10.3

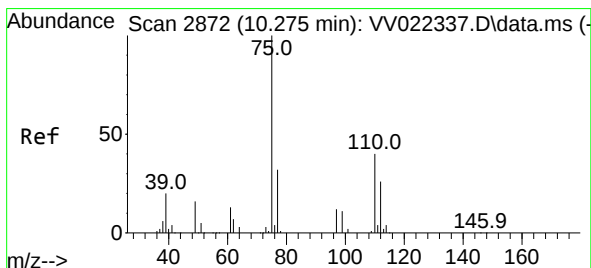
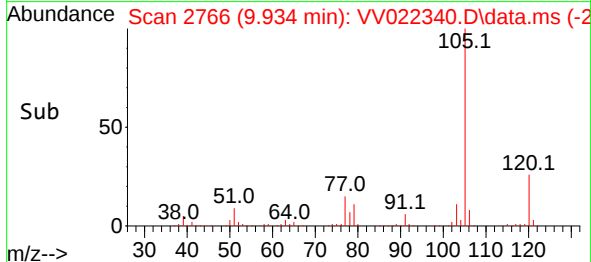
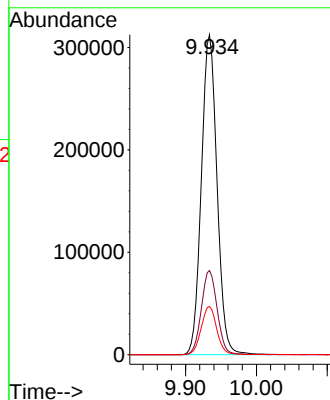
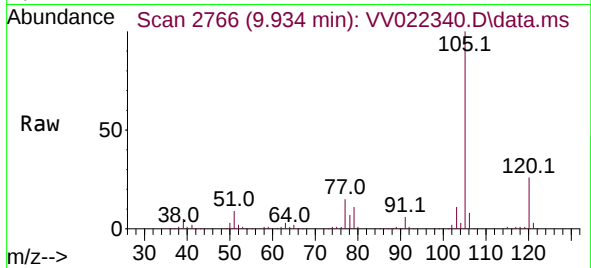




#60
Isopropylbenzene
Concen: 52.613 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

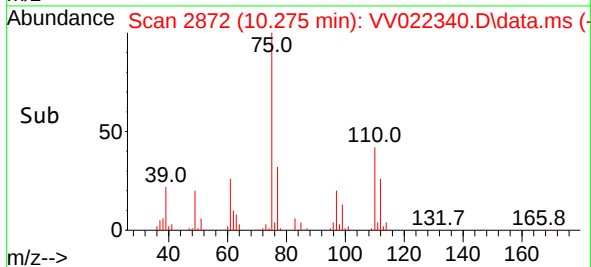
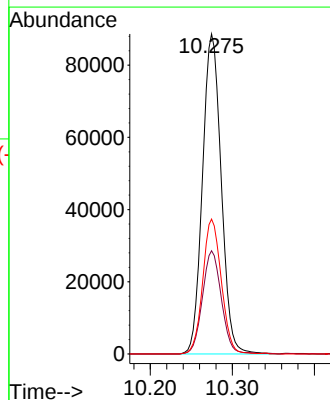
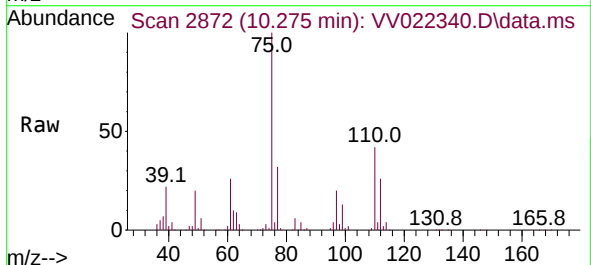
Instrument :
MSVOA_V
ClientSampleId :

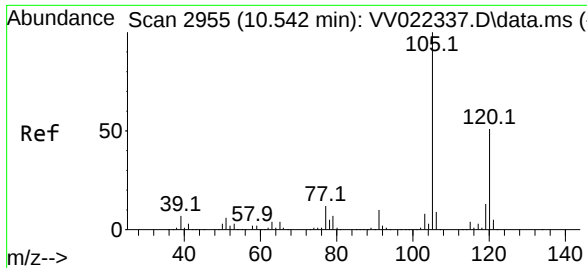
Tgt Ion:105 Resp: 479425
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 50.914 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 75 Resp: 140521
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 41.8 32.6 48.8

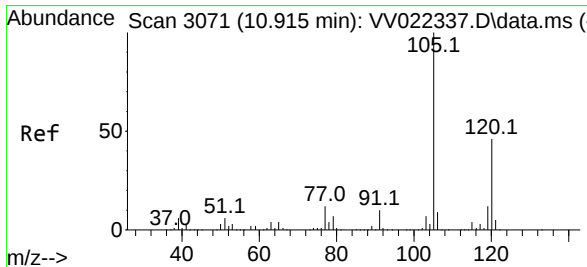
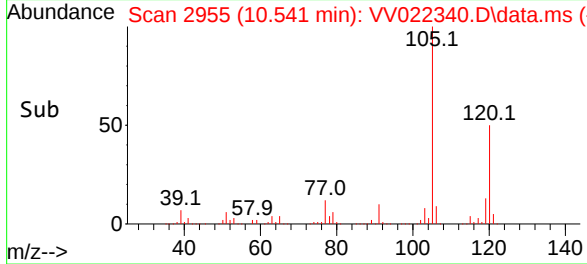
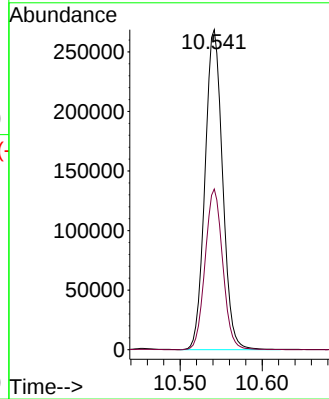
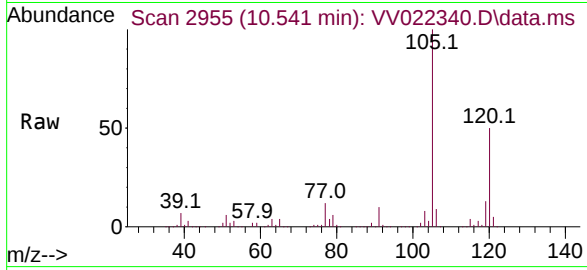




#62
1,3,5-Trimethylbenzene
Concen: 53.312 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

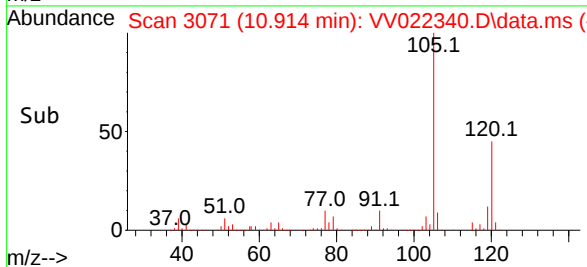
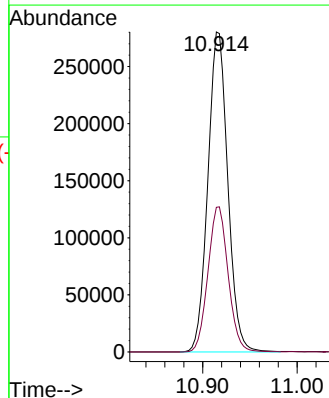
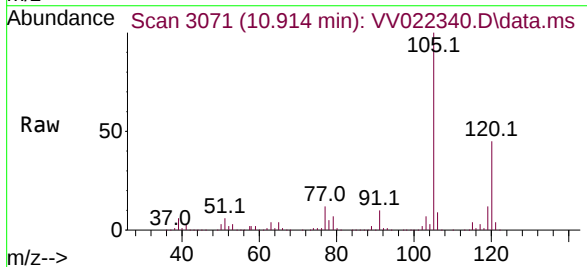
Instrument :
MSVOA_V
ClientSampled :

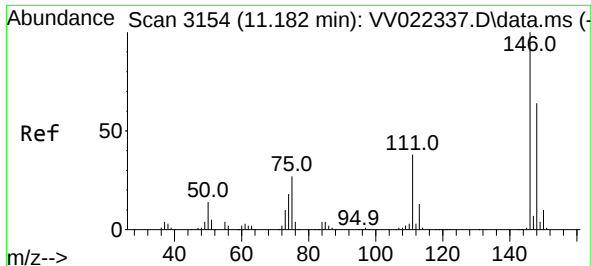
Tgt Ion:105 Resp: 400333
Ion Ratio Lower Upper
105 100
120 50.2 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 54.127 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion:105 Resp: 410161
Ion Ratio Lower Upper
105 100
120 46.1 37.3 55.9

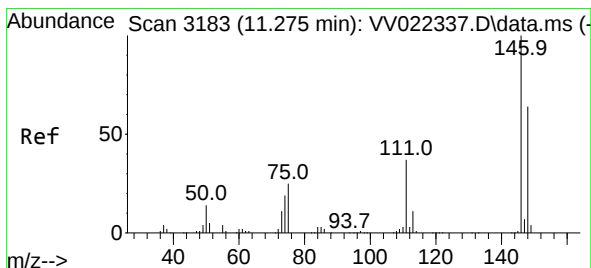
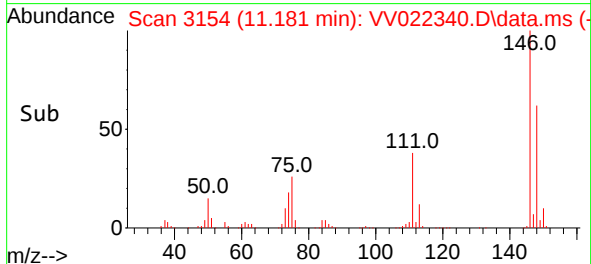
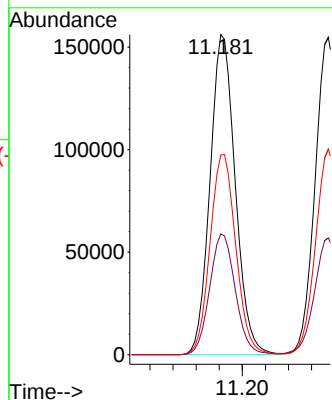
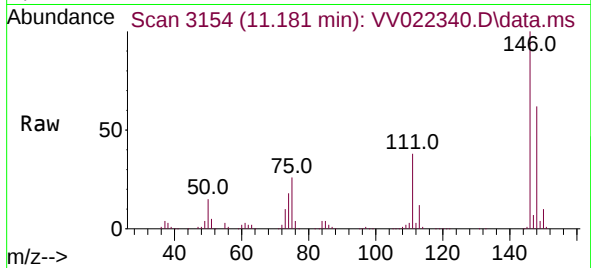




#64
1,3-Dichlorobenzene
Concen: 51.317 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

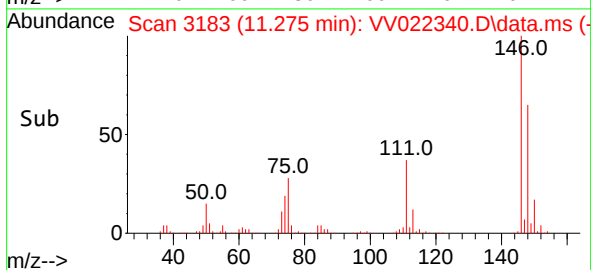
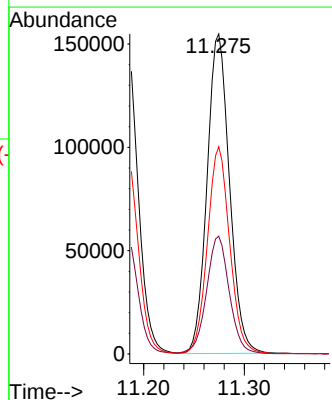
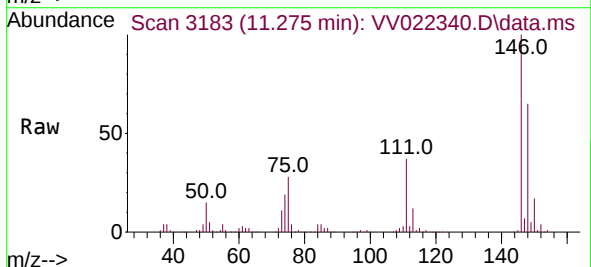
Instrument :
MSVOA_V
ClientSampled :

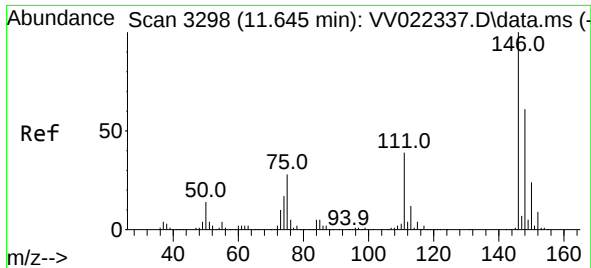
Tgt Ion:146 Resp: 237049
Ion Ratio Lower Upper
146 100
111 37.8 26.5 49.3
148 62.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 50.895 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion:146 Resp: 239468
Ion Ratio Lower Upper
146 100
111 36.8 25.8 48.0
148 64.8 45.1 83.9

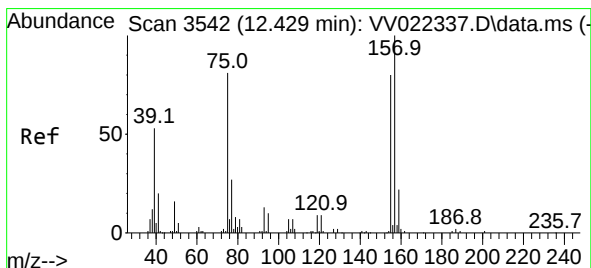
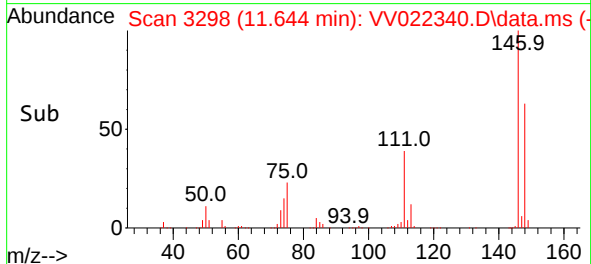
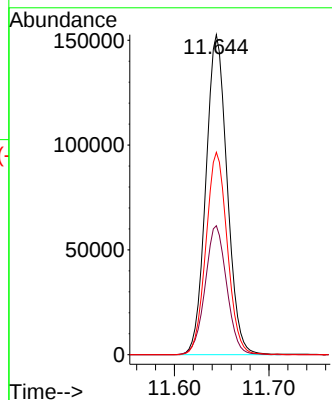
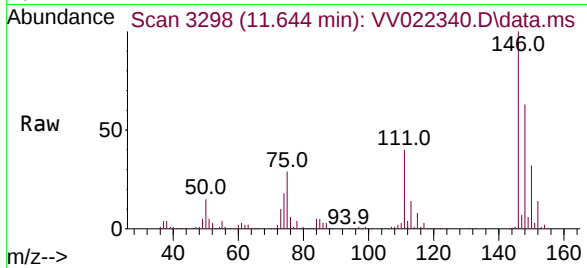




#67
1,2-Dichlorobenzene
Concen: 50.625 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

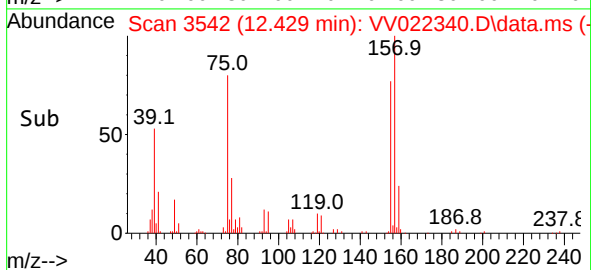
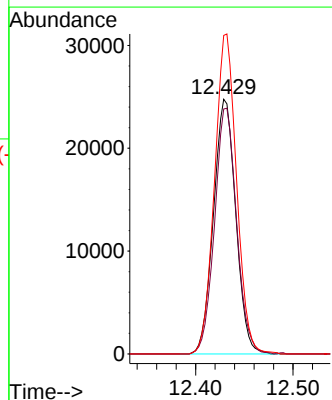
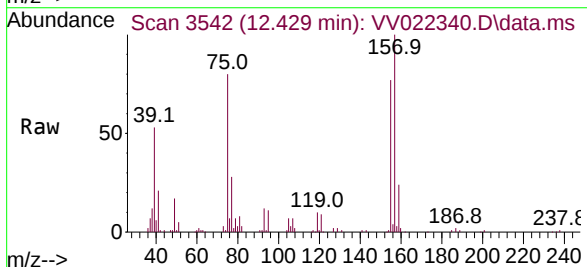
Instrument :
MSVOA_V
ClientSampleId :

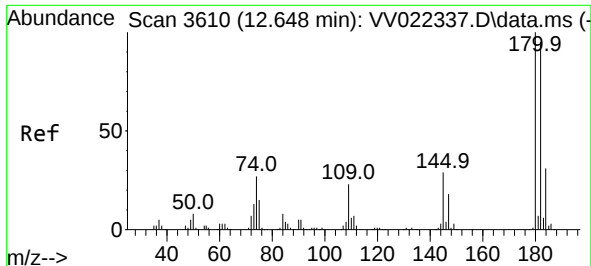
Tgt Ion:146 Resp: 238808
Ion Ratio Lower Upper
146 100
111 40.3 31.5 47.3
148 63.3 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 54.021 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion: 75 Resp: 39369
Ion Ratio Lower Upper
75 100
155 96.2 79.0 118.6
157 125.0 98.2 147.2

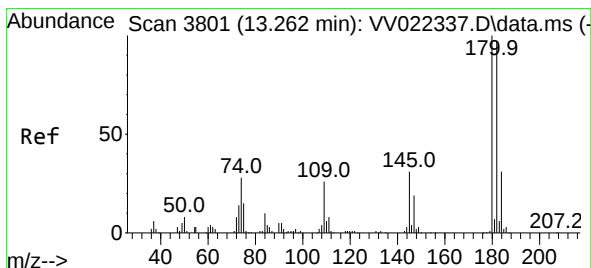
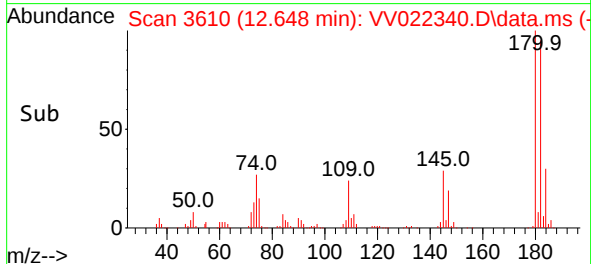
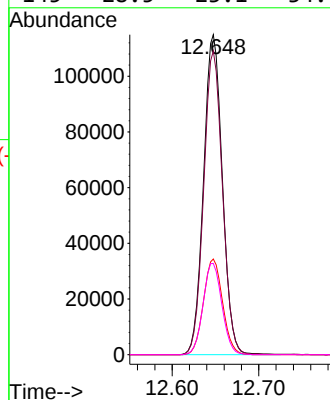
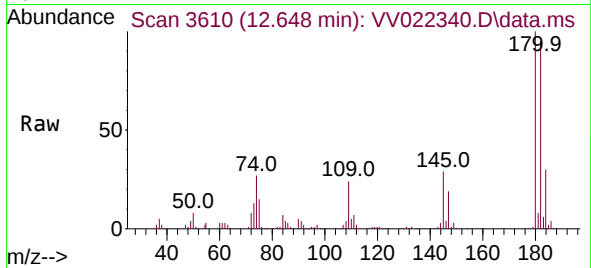




#69
1,3,5-Trichlorobenzene
Concen: 51.950 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

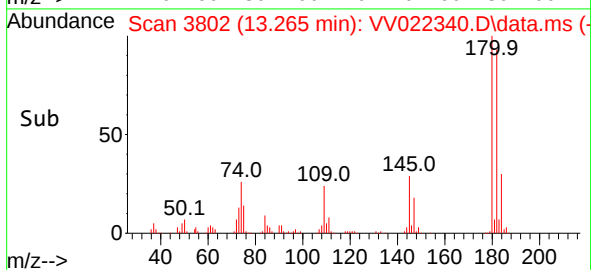
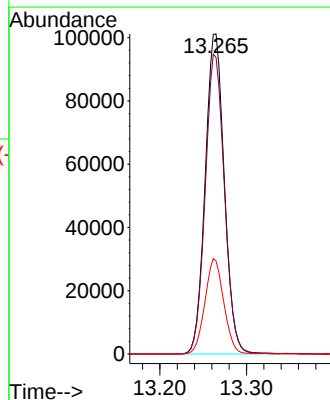
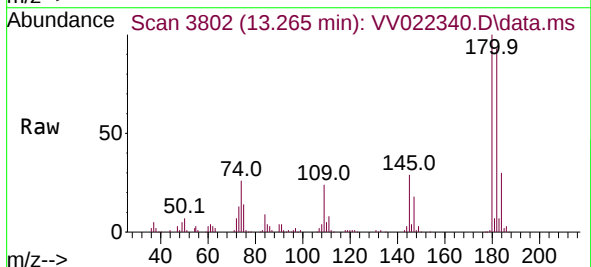
Instrument :
MSVOA_V
ClientSampleId :

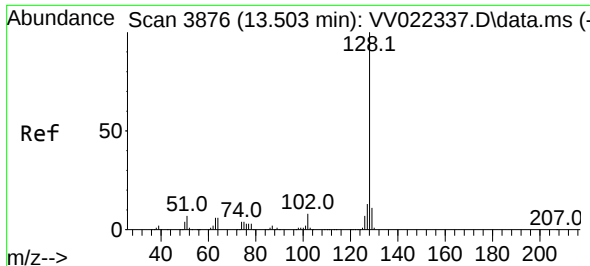
Tgt Ion:	180	Resp:	173117
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.2	112.8
184	30.4	24.2	36.2
145	28.5	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 54.995 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion:	180	Resp:	155066
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.2	114.2
145	29.4	23.9	35.9

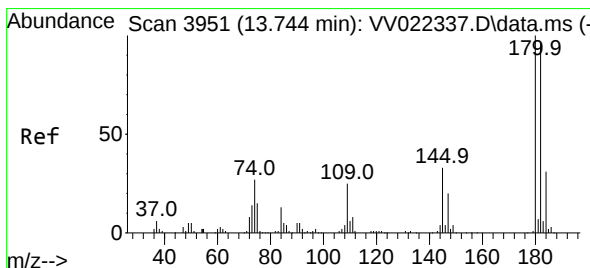
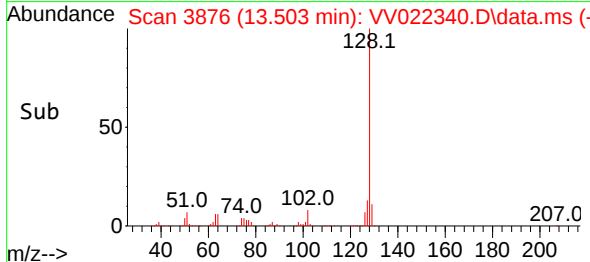
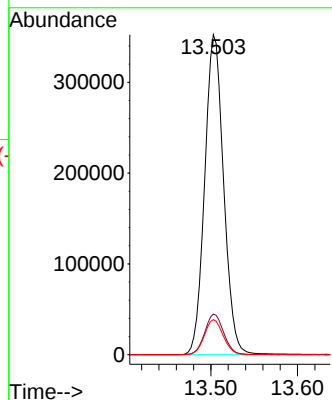
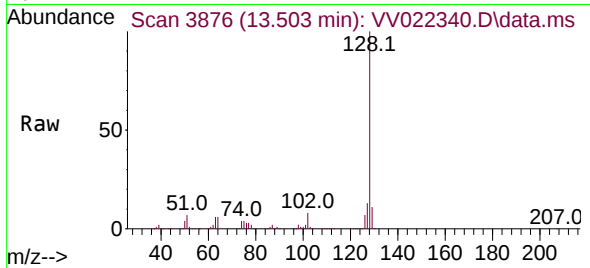




#71
Naphthalene
Concen: 61.922 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 534961
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.606 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022340.D
Acq: 27 Sep 2021 18:09

Tgt Ion:180 Resp: 158972
Ion Ratio Lower Upper
180 100
182 96.6 76.7 115.1
145 32.0 25.6 38.4

