

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022337.D
 Acq On : 27 Sep 2021 16:57
 Operator : SY/MD
 Sample : VSTD05053
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 02:14:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:13:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	275749	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	270105	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	150135	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115518	58.392	ug/L	0.00
7) Chloroethane-d5	1.561	69	92233	59.453	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	201150	60.521	ug/L	0.00
21) 2-Butanone-d5	3.873	46	179915	130.595	ug/L	0.00
24) Chloroform-d	4.349	84	210631	58.629	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	130717	60.968	ug/L	0.00
32) Benzene-d6	5.050	84	442217	58.385	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	137454	57.694	ug/L	0.00
41) Toluene-d8	7.317	98	405997	57.164	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	64610	57.354	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	122455	132.271	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	203981	65.210	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	166921	55.350	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	127595	62.741	ug/L	100
3) Chloromethane	1.243	50	129337	60.736	ug/L	100
5) Vinyl chloride	1.307	62	121623	57.632	ug/L	100
6) Bromomethane	1.513	94	78859	61.634	ug/L	100
8) Chloroethane	1.581	64	73658	56.169	ug/L	100
9) Trichlorofluoromethane	1.751	101	166555	55.767	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	91733	53.175	ug/L	100
12) 1,1-Dichloroethene	2.114	96	88529	54.232	ug/L	100
13) Acetone	2.159	43	121905	108.778	ug/L	100
14) Carbon disulfide	2.291	76	277946	55.980	ug/L	100
15) Methyl Acetate	2.426	43	125972	57.316	ug/L	100
16) Methylene chloride	2.503	84	115741	53.092	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	102864	52.734	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	311211	50.788	ug/L	100
19) 1,1-Dichloroethane	3.188	63	184860	53.056	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	110579	51.321	ug/L	100
22) 2-Butanone	3.957	43	173013	110.494	ug/L	100
23) Bromochloromethane	4.246	128	60164	52.212	ug/L	100
25) Chloroform	4.375	83	191696	52.132	ug/L	100
27) 1,2-Dichloroethane	5.130	62	134658	54.401	ug/L	100
29) Cyclohexane	4.677	56	159793	52.089	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	162232	50.387	ug/L	100
31) Carbon tetrachloride	4.828	117	142526	51.363	ug/L	100
33) Benzene	5.098	78	420253	52.734	ug/L	100
34) Trichloroethene	5.915	95	104563	47.399	ug/L	100
35) Methylcyclohexane	6.130	83	166494	50.573	ug/L	100
37) 1,2-Dichloropropane	6.175	63	107502	52.093	ug/L	100
38) Bromodichloromethane	6.510	83	137212	52.229	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	163045	51.820	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	319496	113.493	ug/L	100
42) Toluene	7.387	91	451342	52.561	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	156917	53.259	ug/L	100

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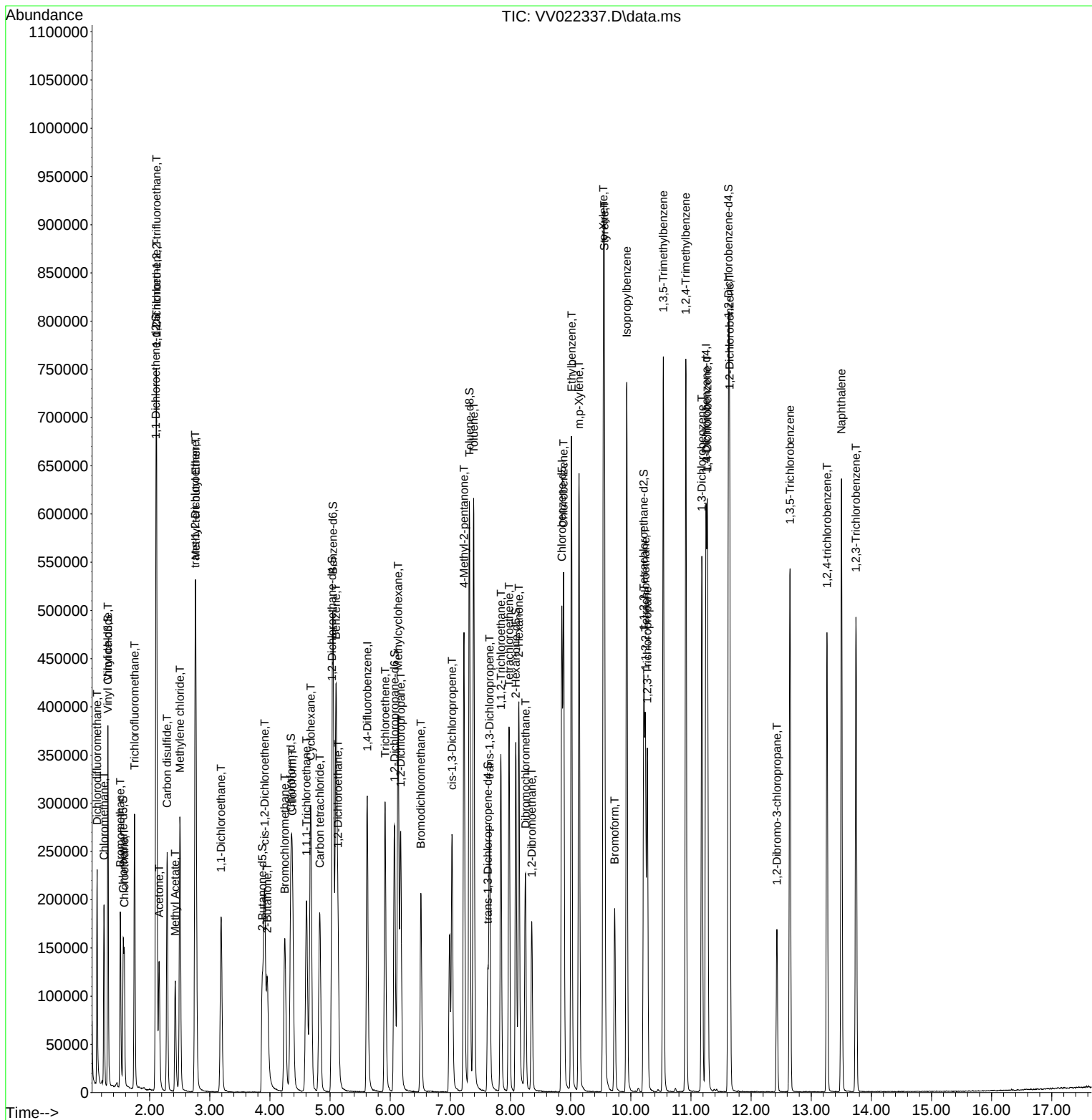
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 MSVOA_V
 ClientSampleId :

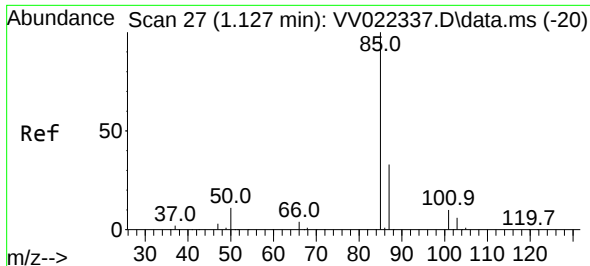
Quant Time: Sep 28 02:14:55 2021
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 QLast Update : Tue Sep 28 02:13:12 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	107731	51.583	ug/L	100
46) Tetrachloroethene	7.979	164	85057	49.092	ug/L	100
48) 2-Hexanone	8.140	43	244771	112.562	ug/L	100
49) Dibromochloromethane	8.249	129	116914	52.320	ug/L	100
50) 1,2-Dibromoethane	8.352	107	117130	52.289	ug/L	100
51) Chlorobenzene	8.883	112	289667	50.622	ug/L	100
52) Ethylbenzene	9.014	91	473561	51.270	ug/L	100
53) m,p-Xylene	9.140	106	184337	51.403	ug/L	100
54) o-Xylene	9.545	106	179926	50.789	ug/L	100
55) Styrene	9.561	104	321025	52.860	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	181448	58.538	ug/L	100
59) Bromoform	9.731	173	84188	52.563	ug/L	100
60) Isopropylbenzene	9.934	105	472757	50.182	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	140561	53.401	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	396116	50.175	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	403848	50.321	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	233747	48.904	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	234717	48.109	ug/L	100
67) 1,2-Dichlorobenzene	11.645	146	237508	49.884	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	37897	59.185	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	167254	47.234	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	142372	46.093	ug/L	100
71) Naphthalene	13.503	128	478757	52.883	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	149413	49.074	ug/L	100

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

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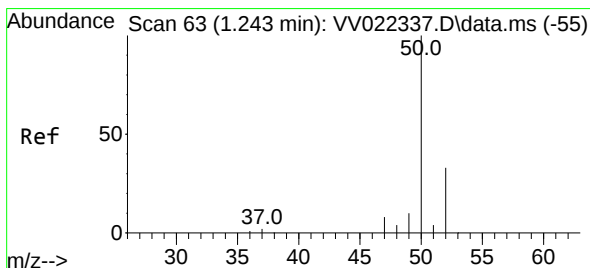
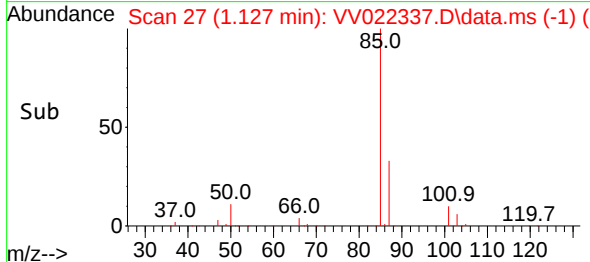
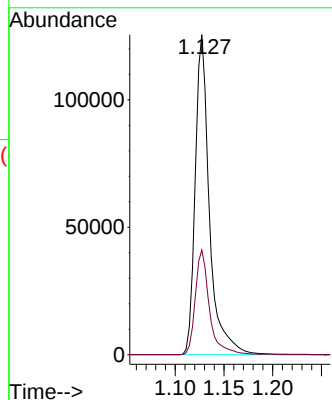
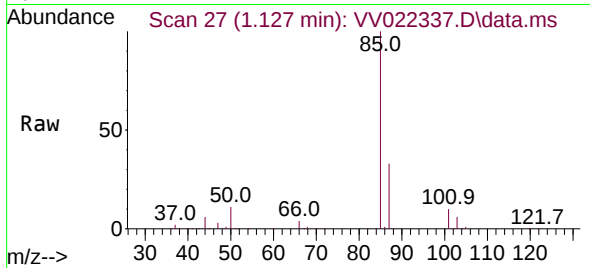




#2
 Dichlorodifluoromethane
 Concen: 62.741 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022337.D
 Acq: 27 Sep 2021 16:57

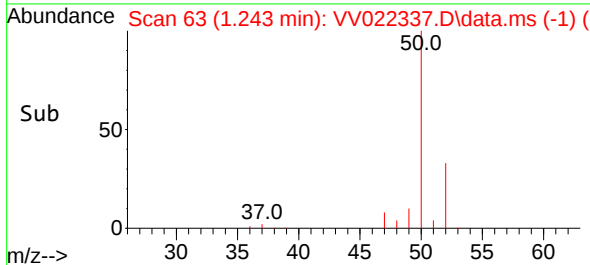
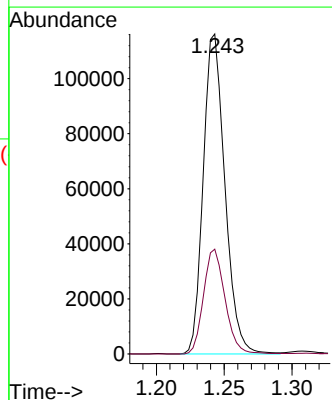
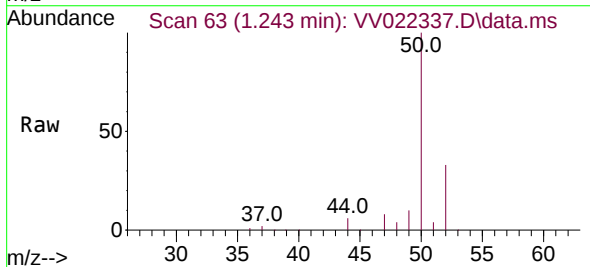
Instrument :
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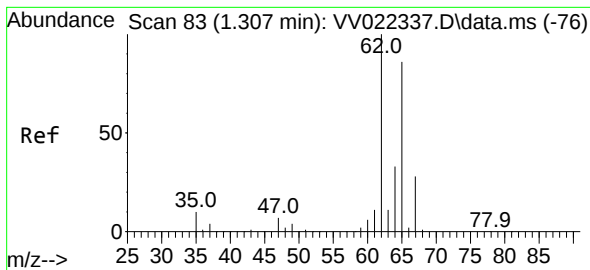
Tgt Ion: 85 Resp: 127595
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2



#3
 Chloromethane
 Concen: 60.736 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV022337.D
 Acq: 27 Sep 2021 16:57

Tgt Ion: 50 Resp: 129337
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6

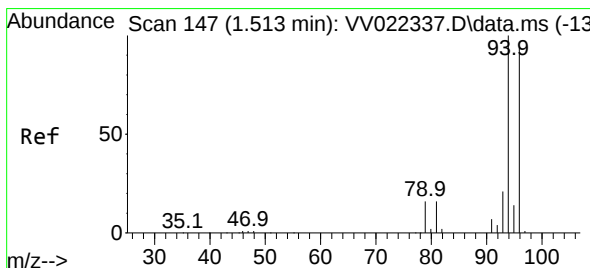
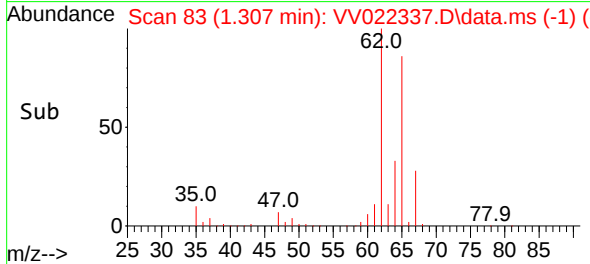
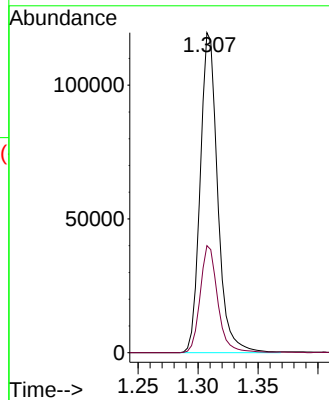
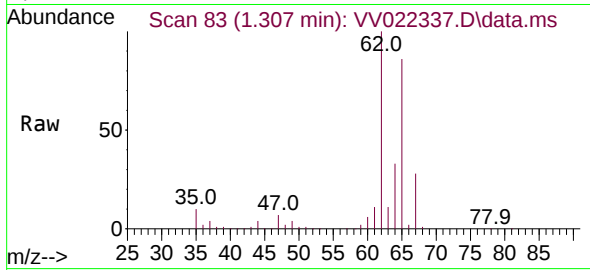




#5
 Vinyl chloride
 Concen: 57.632 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022337.D
 Acq: 27 Sep 2021 16:57

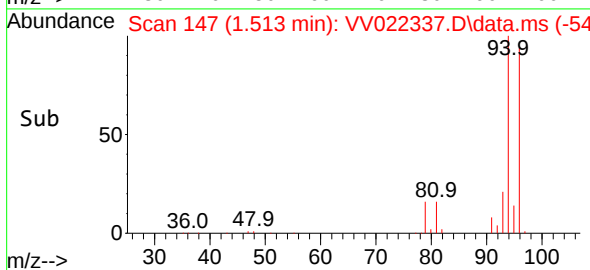
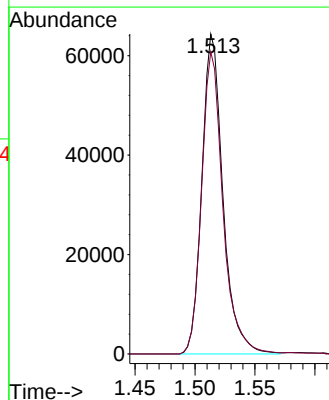
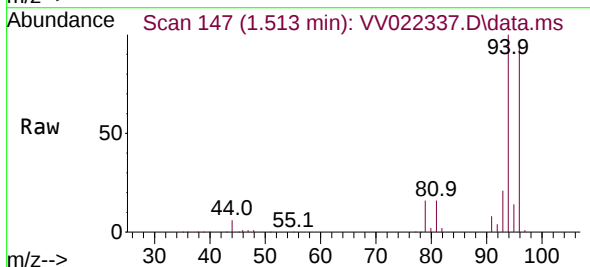
Instrument :
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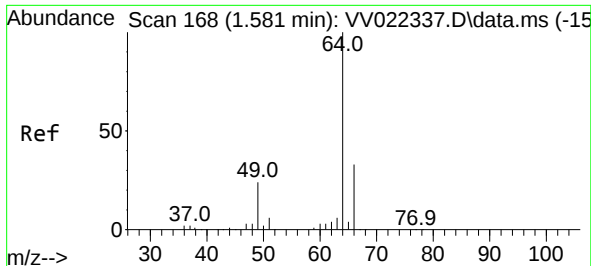
Tgt Ion: 62 Resp: 121623
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.6



#6
 Bromomethane
 Concen: 61.634 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV022337.D
 Acq: 27 Sep 2021 16:57

Tgt Ion: 94 Resp: 78859
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.1 122.8

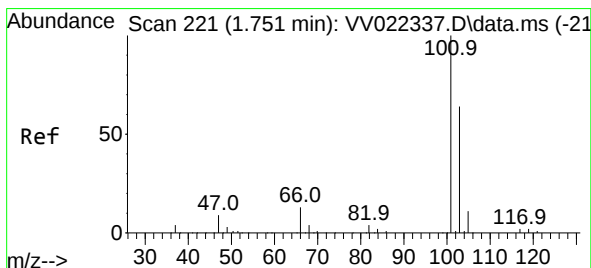
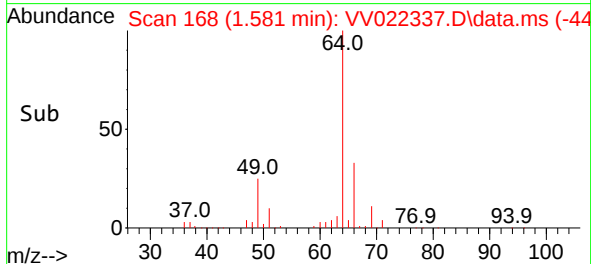
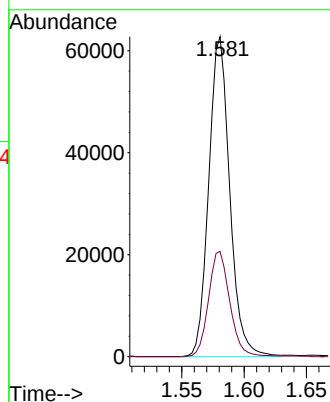
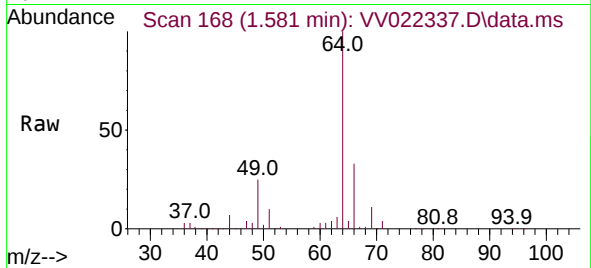




#8
Chloroethane
Concen: 56.169 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

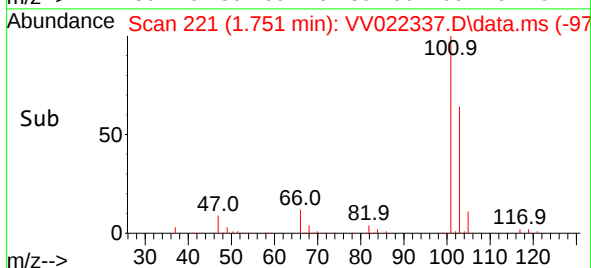
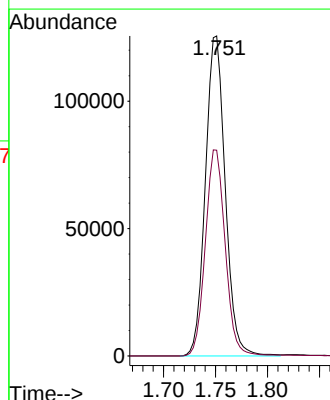
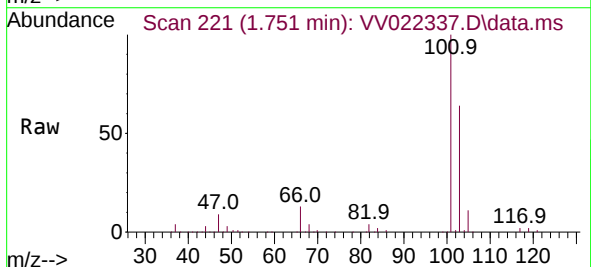
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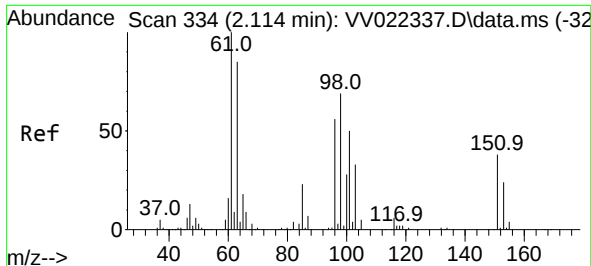
Tgt Ion: 64 Resp: 73658
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 55.767 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion:101 Resp: 166555
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

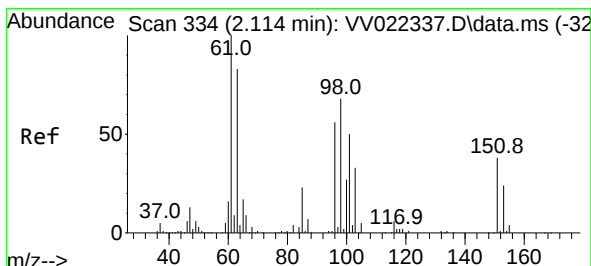
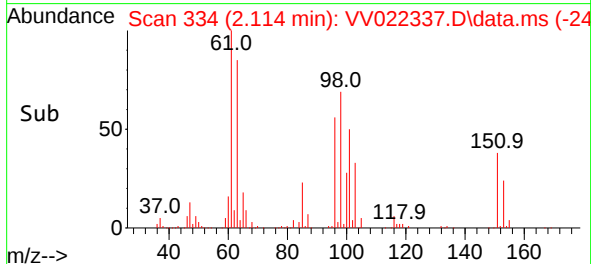
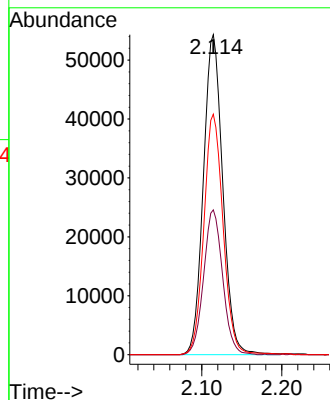
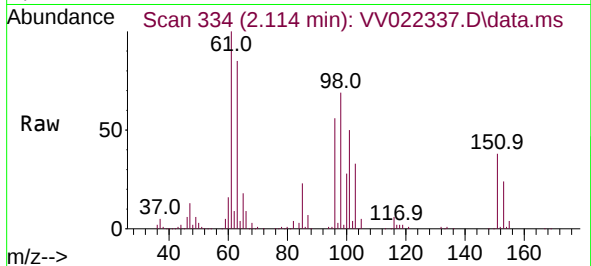




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.175 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022337.D
 Acq: 27 Sep 2021 16:57

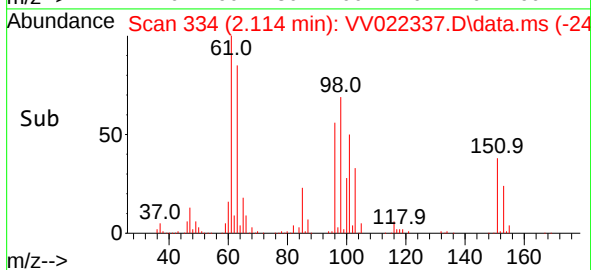
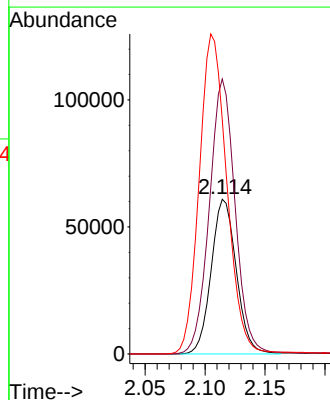
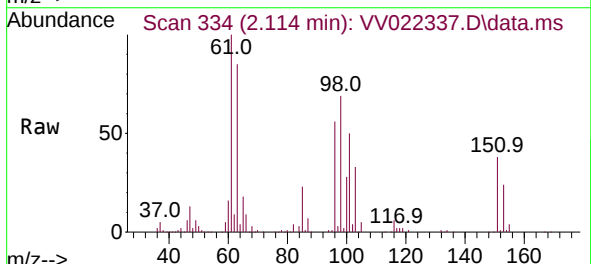
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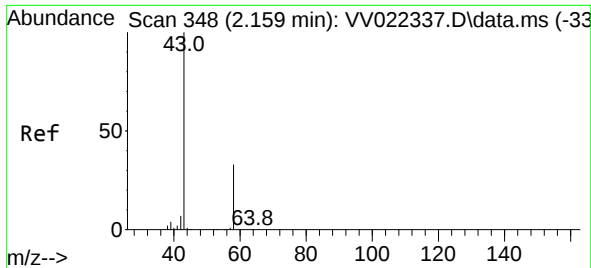
Tgt Ion:	101	Resp:	91733
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	74.5	59.6	89.4



#12
 1,1-Dichloroethene
 Concen: 54.232 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022337.D
 Acq: 27 Sep 2021 16:57

Tgt Ion:	96	Resp:	88529
Ion	Ratio	Lower	Upper
96	100		
61	177.7	124.4	231.0
63	151.4	106.0	196.8

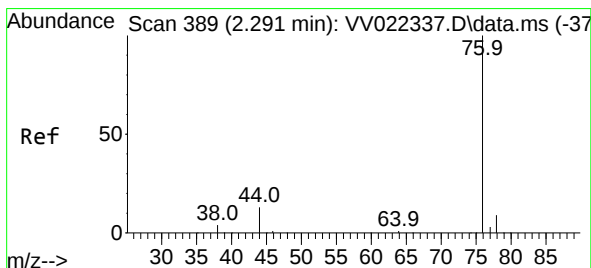
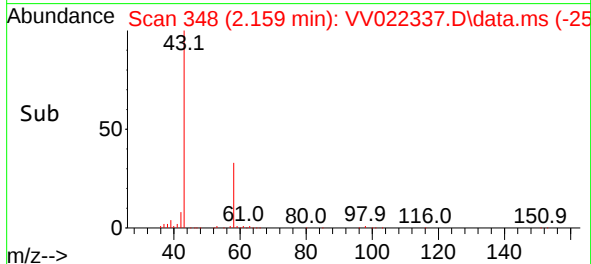
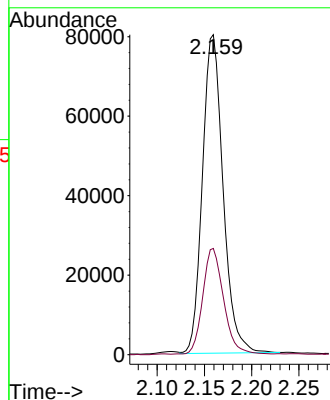
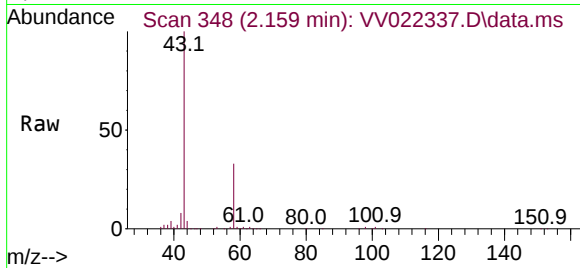




#13
Acetone
Concen: 108.778 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

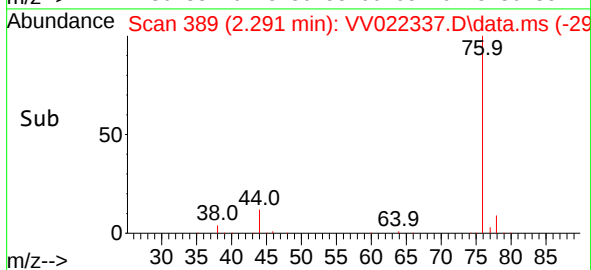
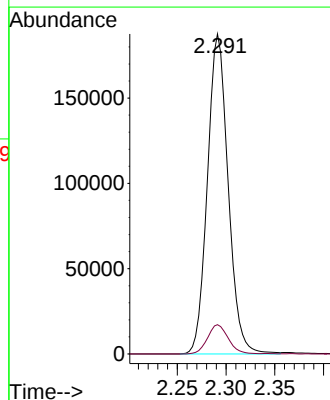
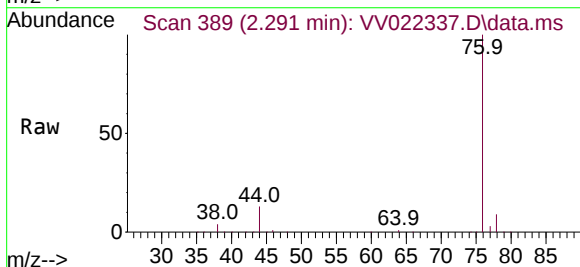
Instrument :
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ClientSampleId :

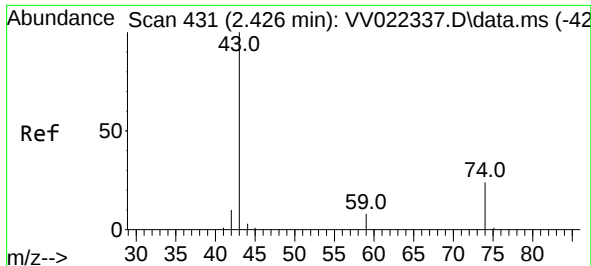
Tgt Ion: 43 Resp: 121905
Ion Ratio Lower Upper
43 100
58 33.6 0.0 67.2



#14
Carbon disulfide
Concen: 55.980 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 76 Resp: 277946
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

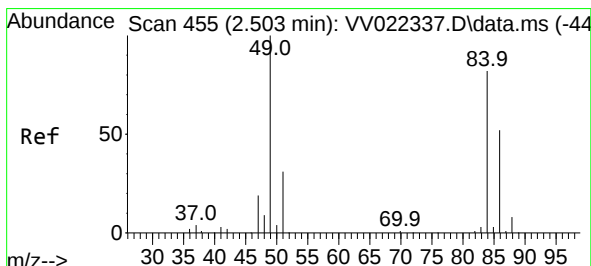
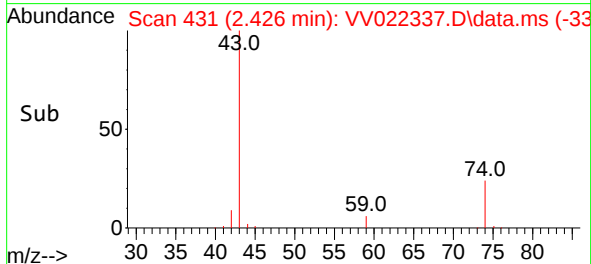
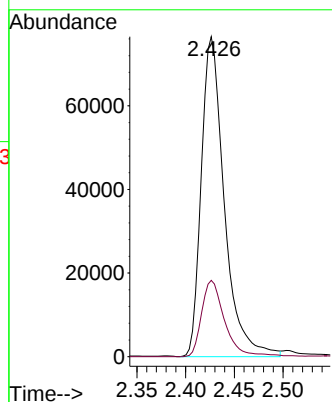
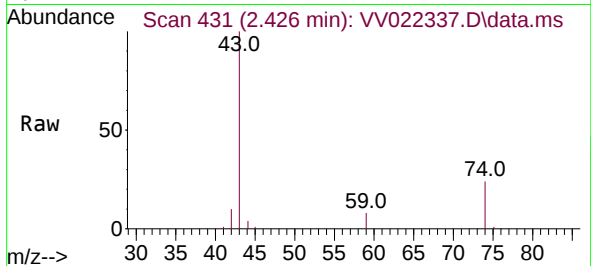




#15
Methyl Acetate
Concen: 57.316 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

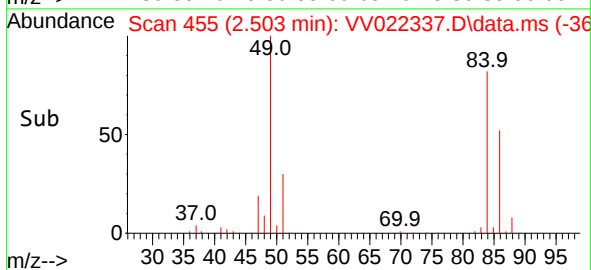
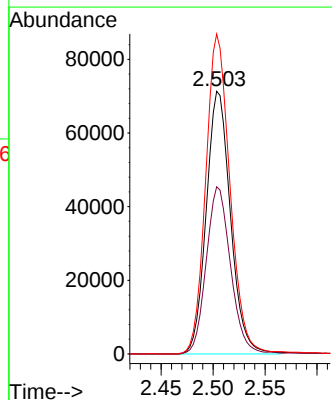
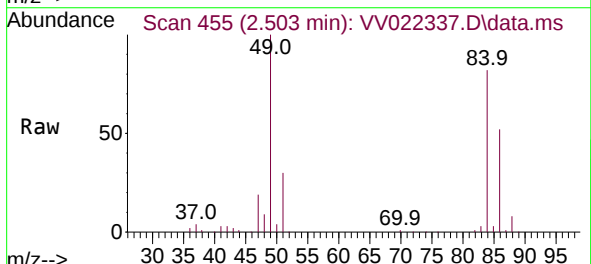
Instrument :
MSVOA_V
ClientSampleId :

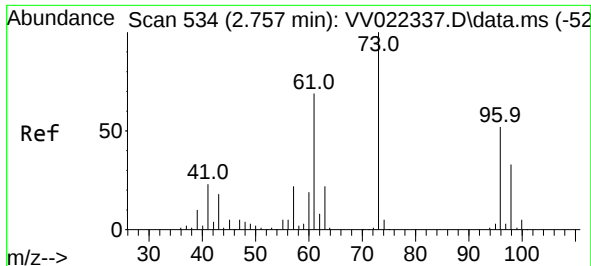
Tgt Ion: 43 Resp: 125972
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



#16
Methylene chloride
Concen: 53.092 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 84 Resp: 115741
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 121.8 85.3 158.3

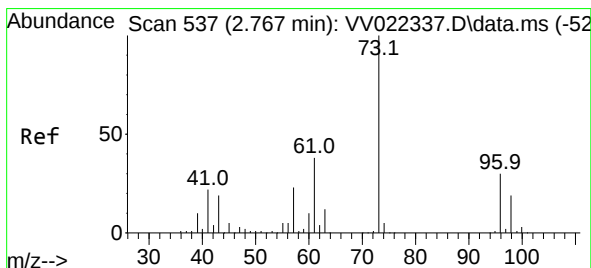
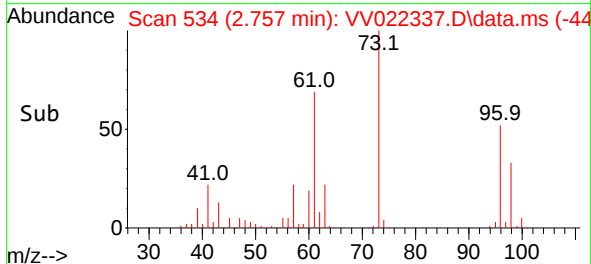
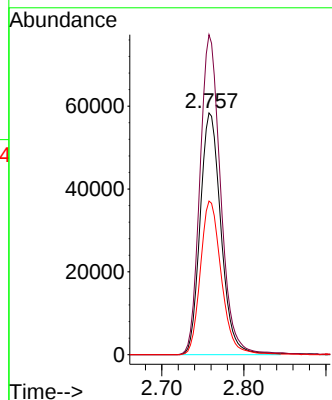
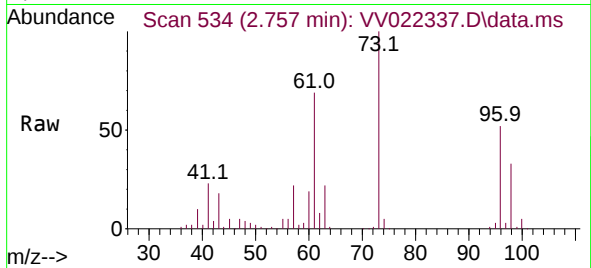




#17
trans-1,2-Dichloroethene
Concen: 52.734 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

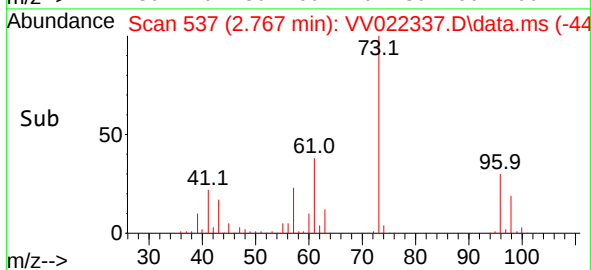
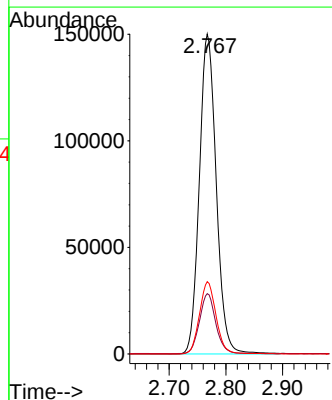
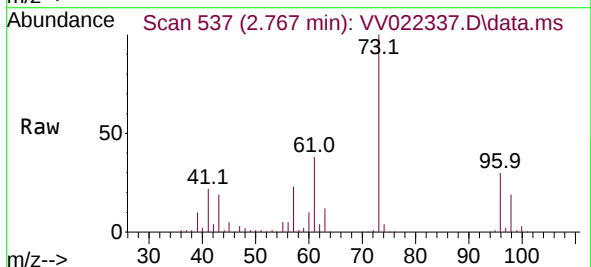
Instrument :
MSVOA_V
ClientSampled :

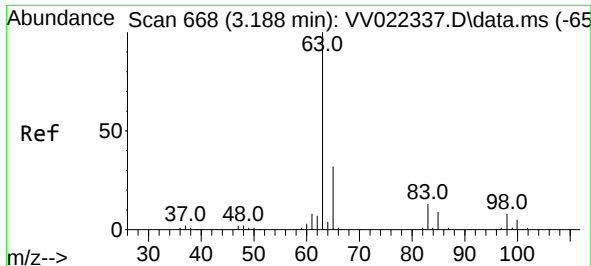
Tgt Ion: 96 Resp: 102864
Ion Ratio Lower Upper
96 100
61 132.4 92.7 172.1
98 63.5 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 50.788 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 73 Resp: 311211
Ion Ratio Lower Upper
73 100
43 18.2 14.6 21.8
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 53.056 ug/L

RT: 3.188 min Scan# 668

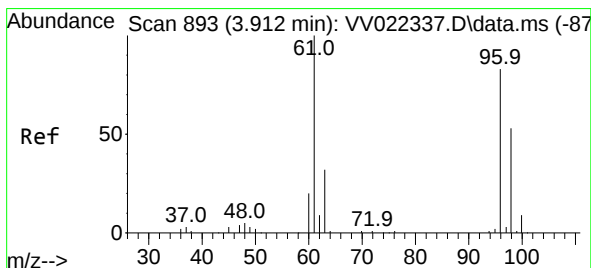
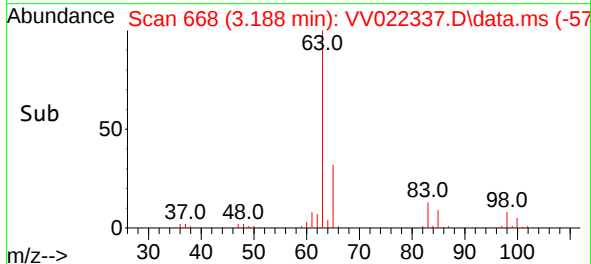
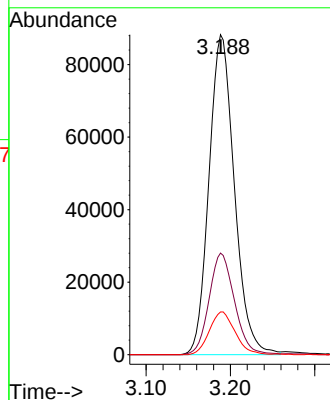
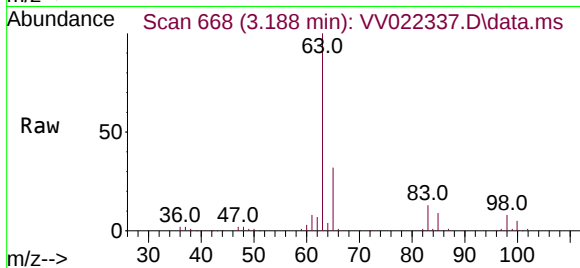
Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

Tgt Ion: 63 Resp: 184860

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.3
83	13.4	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 51.321 ug/L

RT: 3.912 min Scan# 893

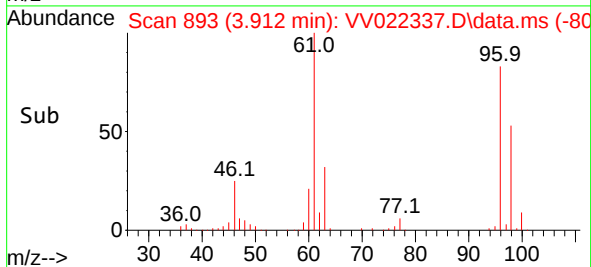
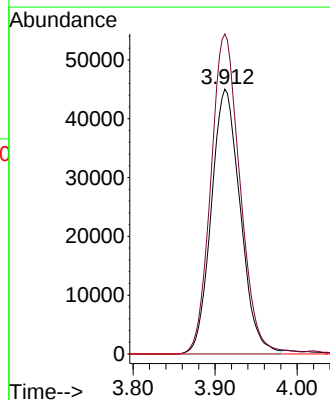
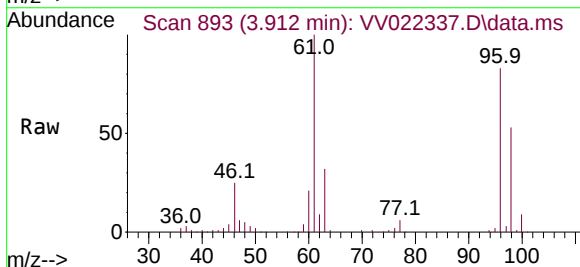
Delta R.T. 0.000 min

Lab File: VV022337.D

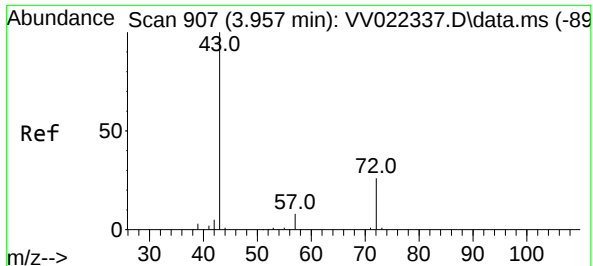
Acq: 27 Sep 2021 16:57

Tgt Ion: 96 Resp: 110579

Ion	Ratio	Lower	Upper
96	100		
61	120.8	84.6	157.0
68	0.0	0.0	0.0



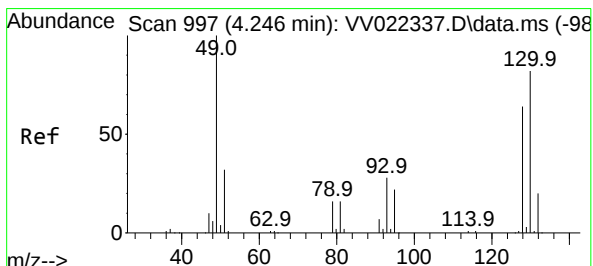
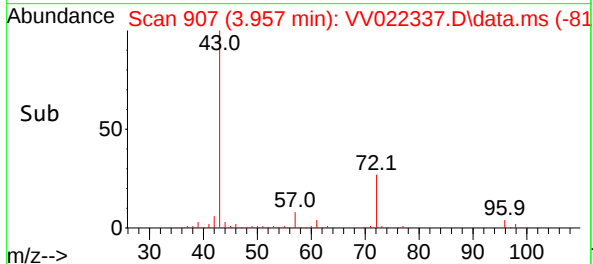
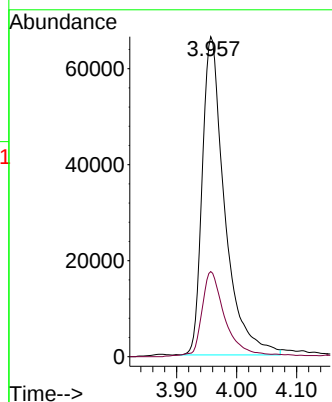
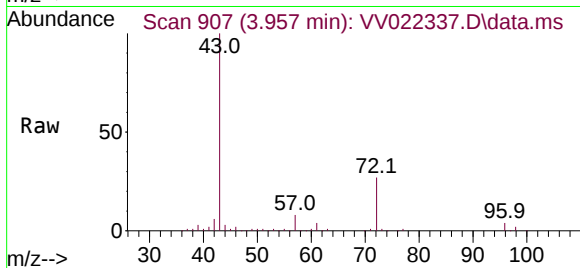
Instrument :
MSVOA_V
ClientSampleId :



#22
2-Butanone
Concen: 110.494 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

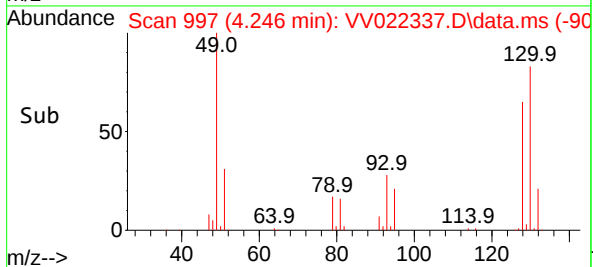
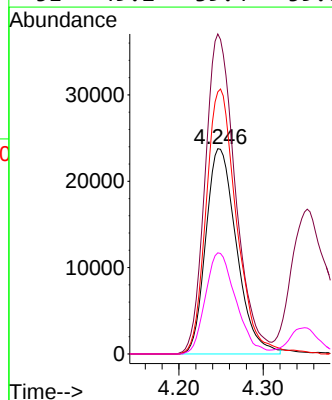
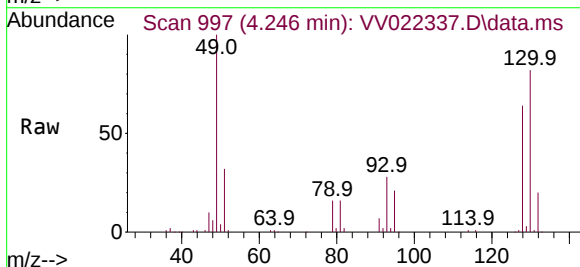
Instrument :
MSVOA_V
ClientSampled :

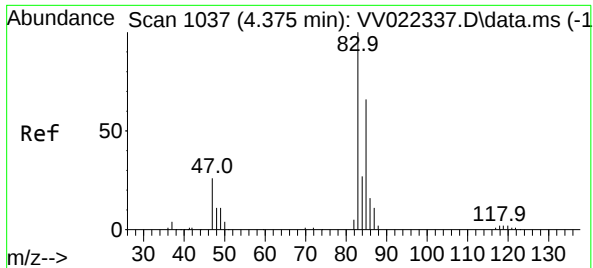
Tgt Ion: 43 Resp: 173013
Ion Ratio Lower Upper
43 100
72 27.6 13.8 41.4



#23
Bromochloromethane
Concen: 52.212 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 128 Resp: 60164
Ion Ratio Lower Upper
128 100
49 155.9 109.1 202.7
130 127.6 89.3 165.9
51 49.2 39.4 59.0

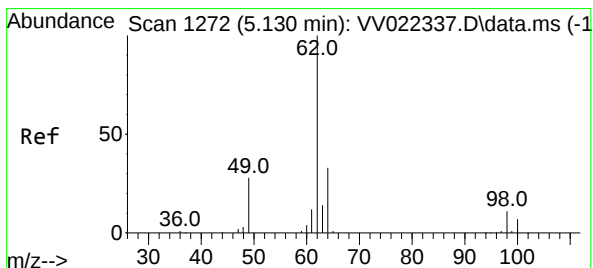
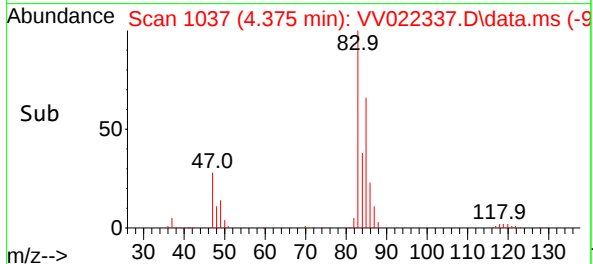
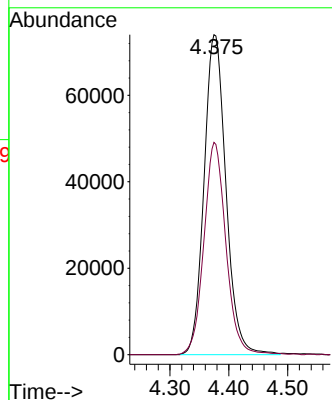
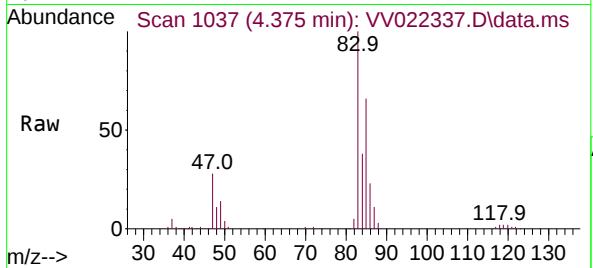




#25
Chloroform
Concen: 52.132 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

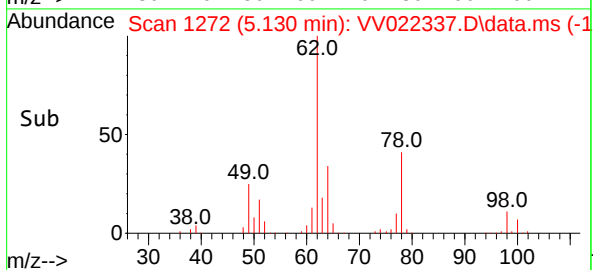
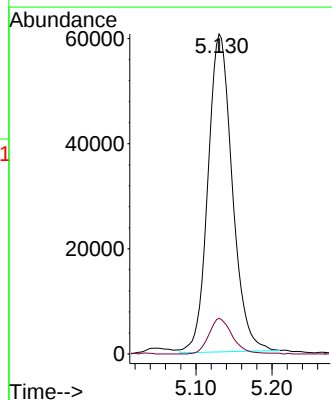
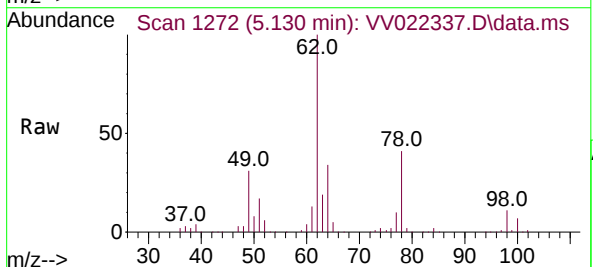
Instrument :
MSVOA_V
ClientSampled :

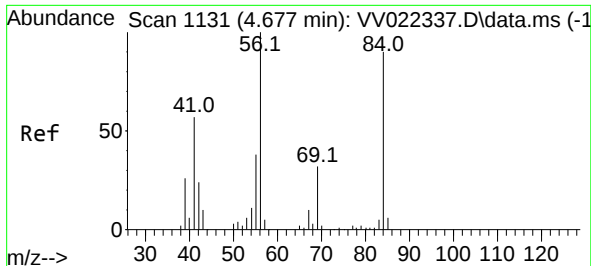
Tgt Ion: 83 Resp: 191696
Ion Ratio Lower Upper
83 100
85 66.4 46.5 86.3



#27
1,2-Dichloroethane
Concen: 54.401 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 62 Resp: 134658
Ion Ratio Lower Upper
62 100
98 11.1 8.9 13.3





#29

Cyclohexane

Concen: 52.089 ug/L

RT: 4.677 min Scan# 1131

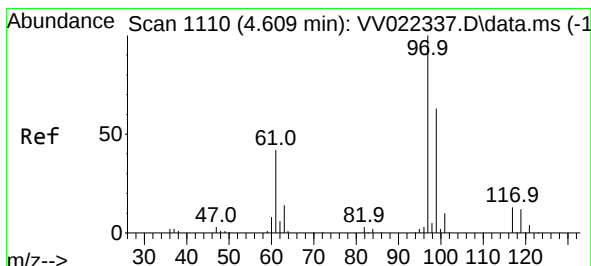
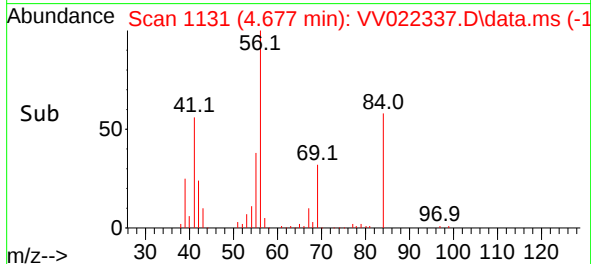
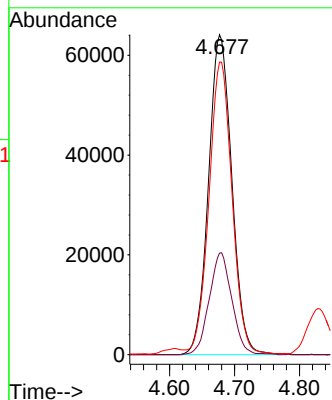
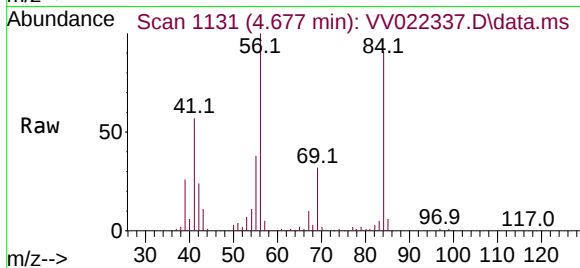
Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

Tgt Ion: 56 Resp: 159793

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	37.0
84	89.8	71.8	107.8



#30

1,1,1-Trichloroethane

Concen: 50.387 ug/L

RT: 4.609 min Scan# 1110

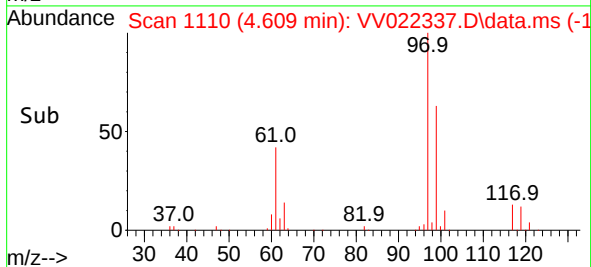
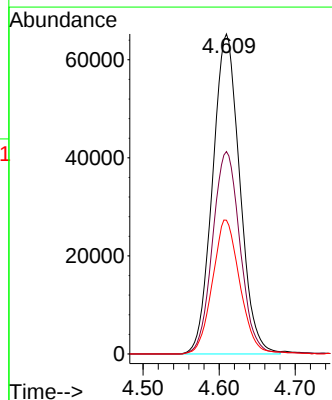
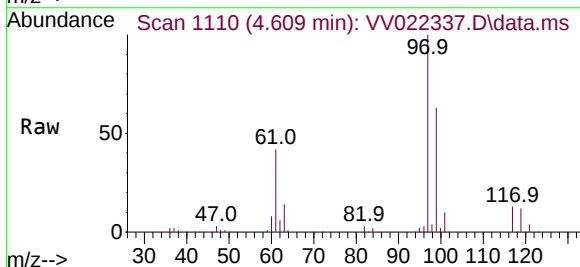
Delta R.T. 0.000 min

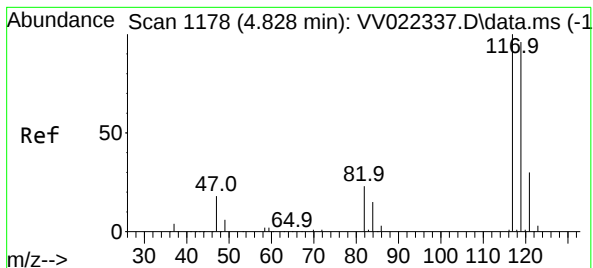
Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

Tgt Ion: 97 Resp: 162232

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.2	76.8
61	42.1	33.7	50.5





#31

Carbon tetrachloride

Concen: 51.363 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

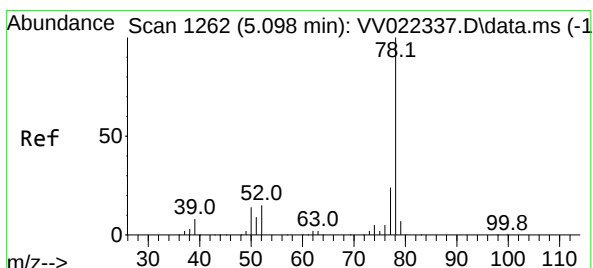
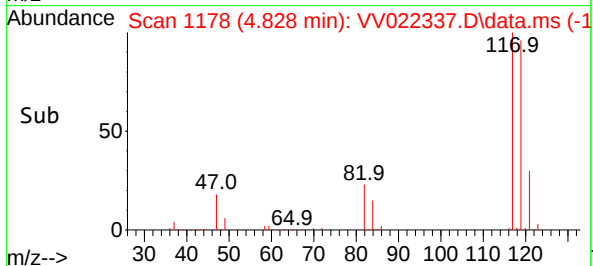
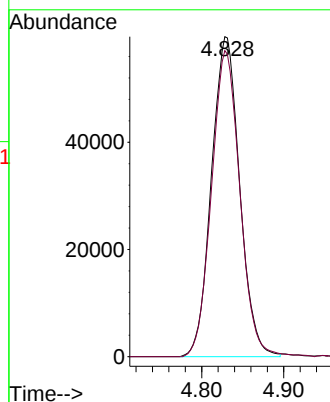
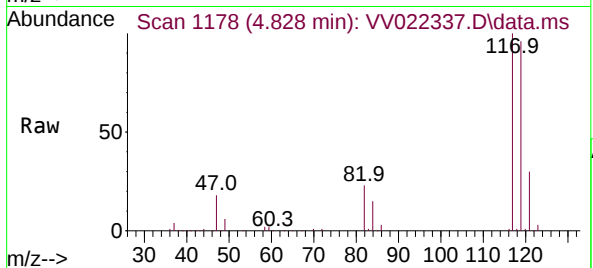
Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:117 Resp: 142526

Ion Ratio Lower Upper

117 100

119 96.4 77.1 115.7



#33

Benzene

Concen: 52.734 ug/L

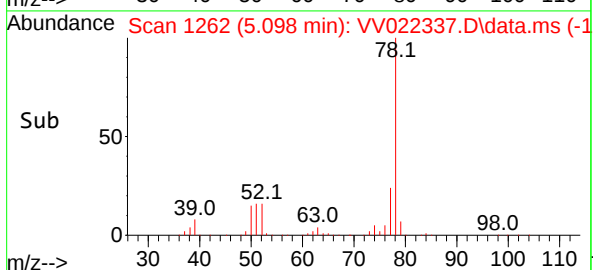
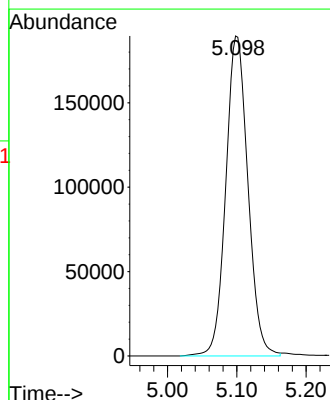
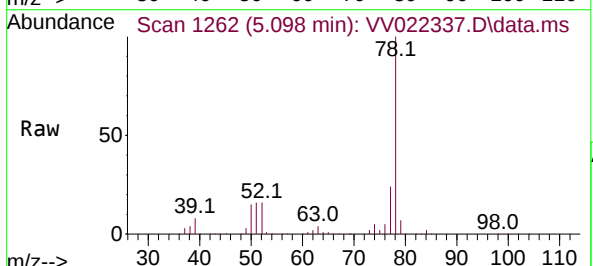
RT: 5.098 min Scan# 1262

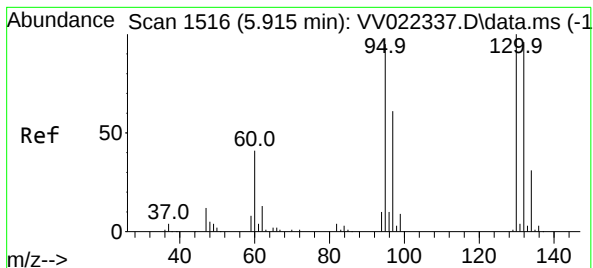
Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

Tgt Ion: 78 Resp: 420253





#34

Trichloroethene

Concen: 47.399 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

Tgt Ion: 95 Resp: 104563

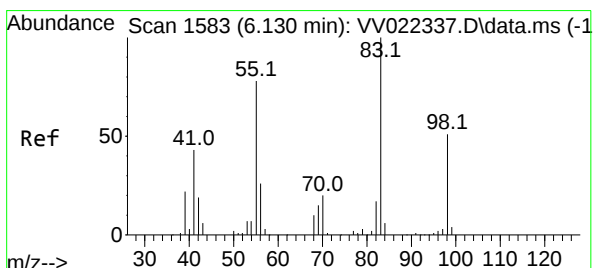
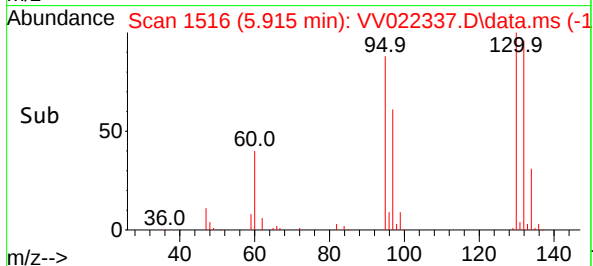
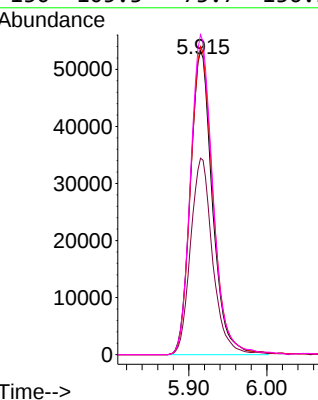
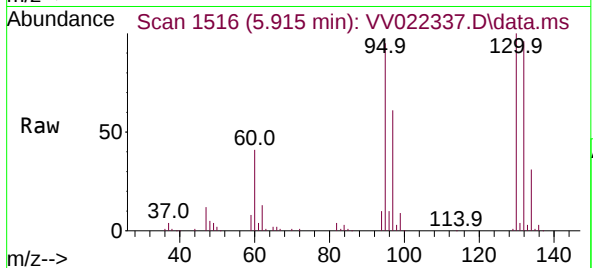
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 101.4 71.0 131.8

130 105.3 73.7 136.9



#35

Methylcyclohexane

Concen: 50.573 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

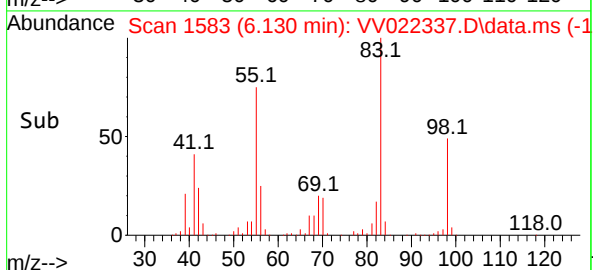
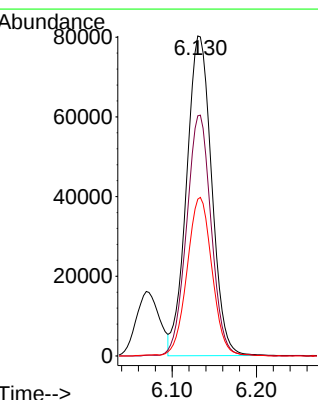
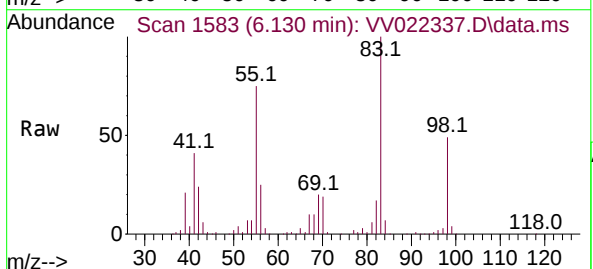
Tgt Ion: 83 Resp: 166494

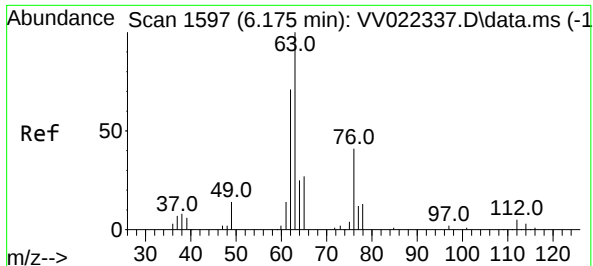
Ion Ratio Lower Upper

83 100

55 73.2 58.6 87.8

98 49.0 39.2 58.8



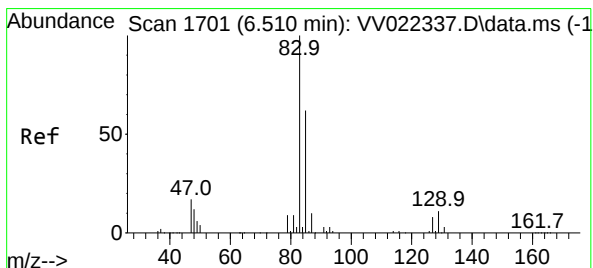
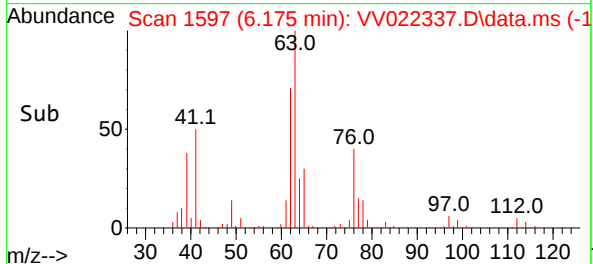
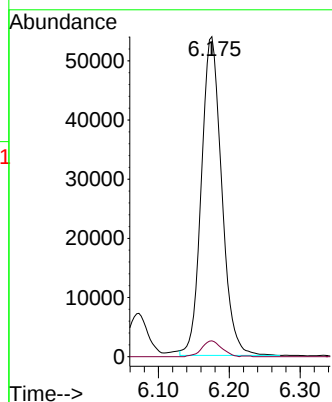
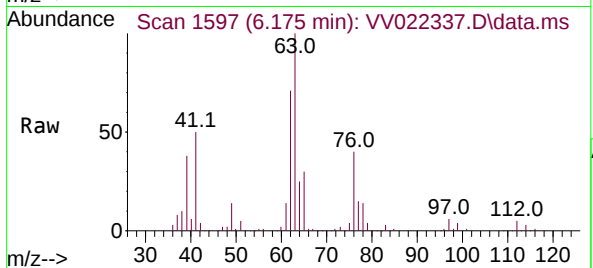


#37

1,2-Dichloropropane
Concen: 52.093 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Instrument :
MSVOA_V
ClientSampled :

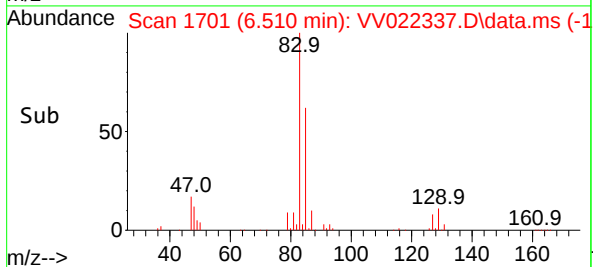
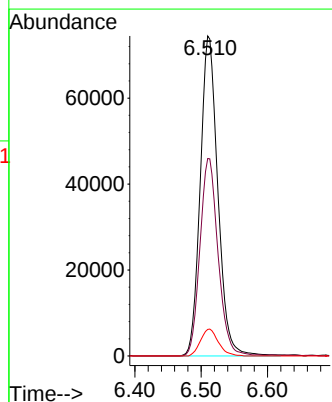
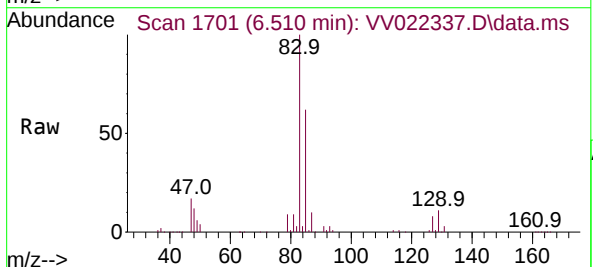
Tgt Ion: 63 Resp: 107502
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9

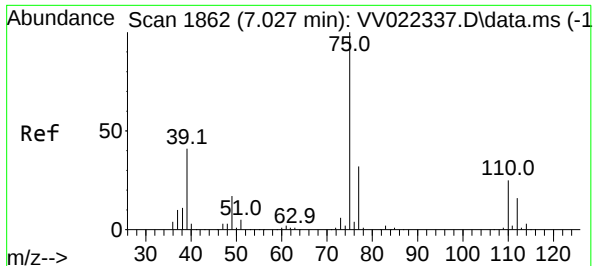


#38

Bromodichloromethane
Concen: 52.229 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 83 Resp: 137212
Ion Ratio Lower Upper
83 100
85 61.7 43.2 80.2
127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 51.820 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

Tgt Ion: 75 Resp: 163045

Ion Ratio Lower Upper

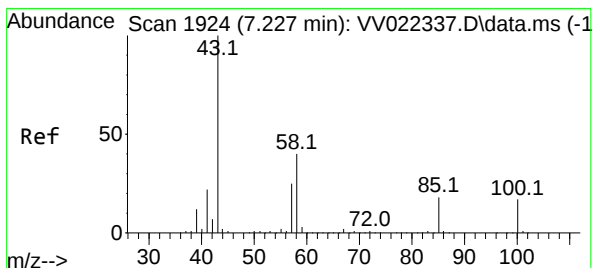
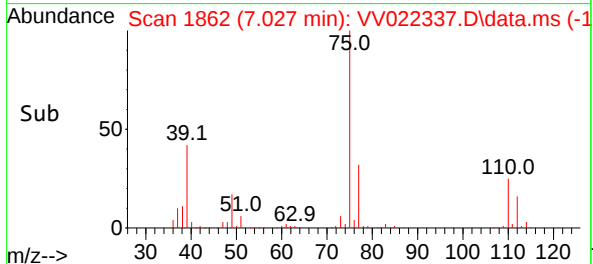
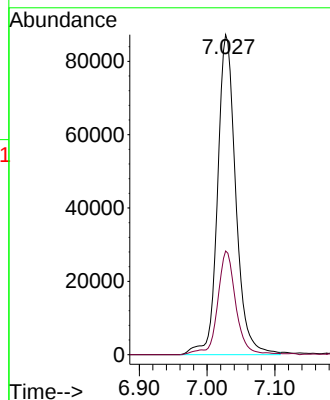
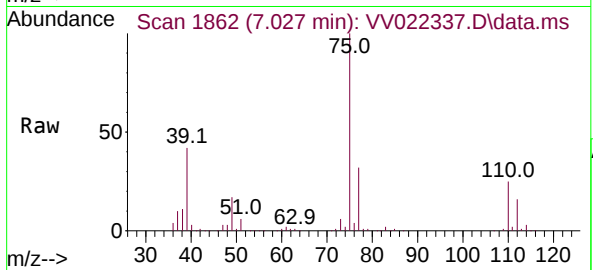
75 100

77 32.4 22.7 42.1

Instrument :

MSVOA_V

ClientSampled :



#40

4-Methyl-2-pentanone

Concen: 113.493 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

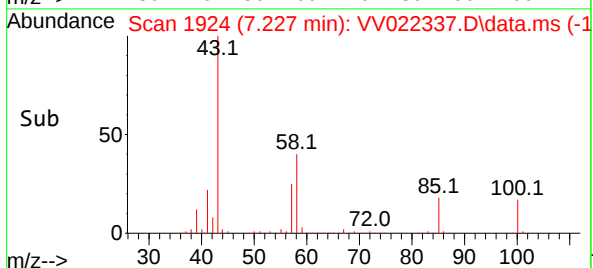
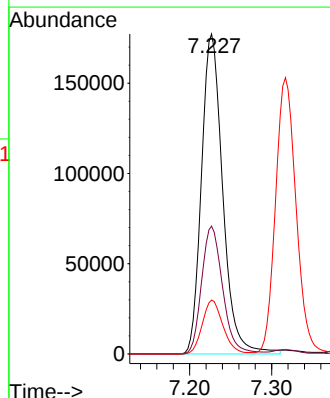
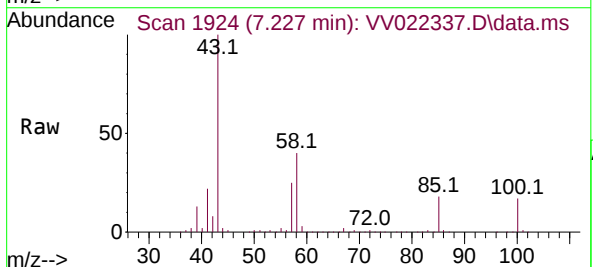
Tgt Ion: 43 Resp: 319496

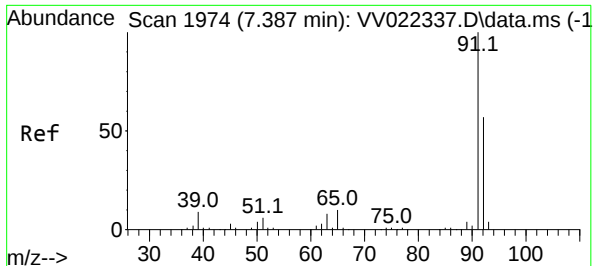
Ion Ratio Lower Upper

43 100

58 39.5 31.6 47.4

100 16.4 13.1 19.7





#42

Toluene

Concen: 52.561 ug/L

RT: 7.387 min Scan# 1974

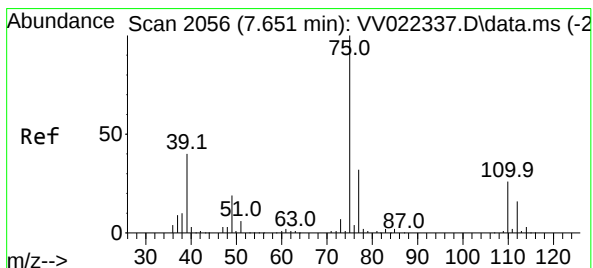
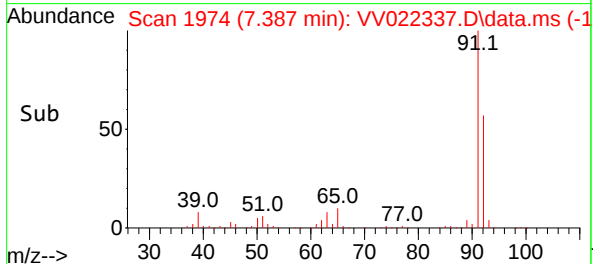
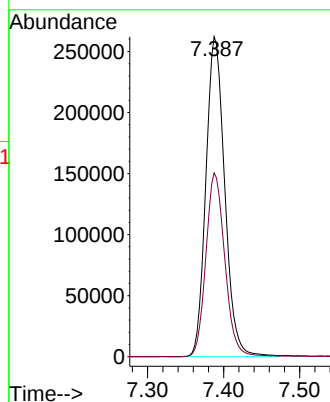
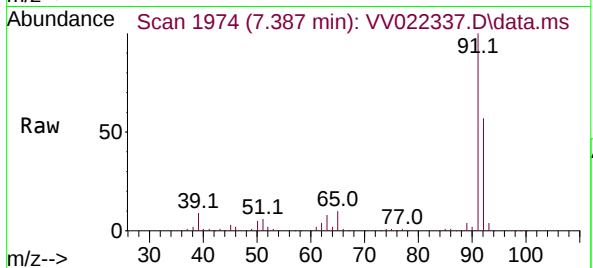
Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

Tgt Ion: 91 Resp: 451342

Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.2	74.6



#44

trans-1,3-Dichloropropene

Concen: 53.259 ug/L

RT: 7.651 min Scan# 2056

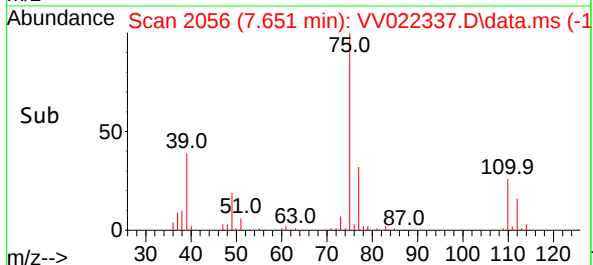
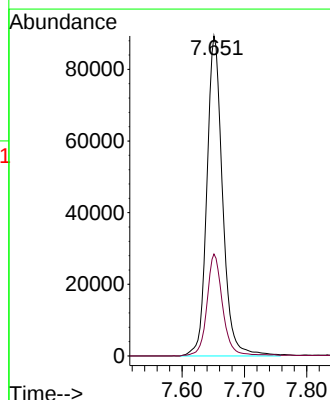
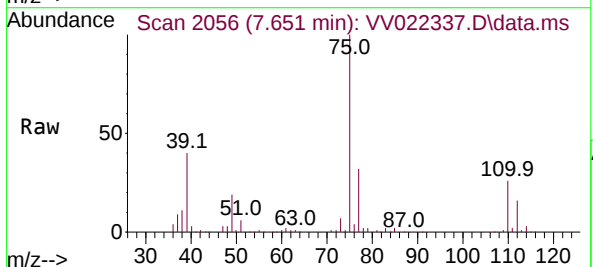
Delta R.T. 0.000 min

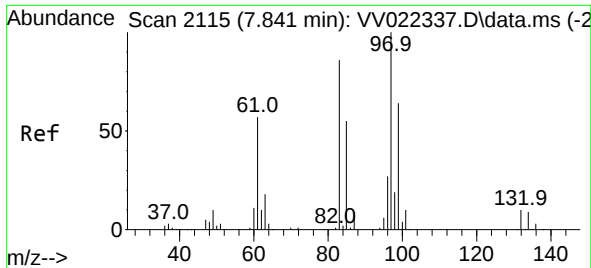
Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

Tgt Ion: 75 Resp: 156917

Ion	Ratio	Lower	Upper
75	100		
77	31.8	22.3	41.3

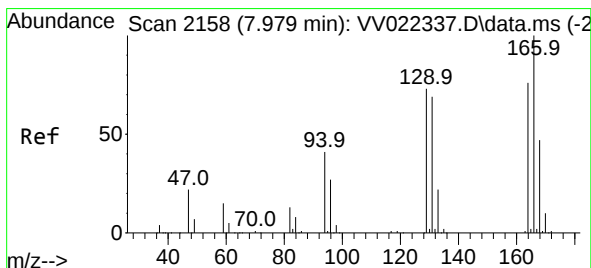
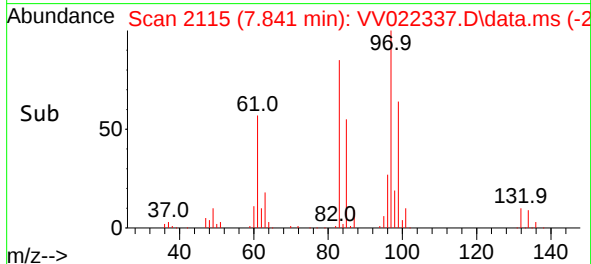
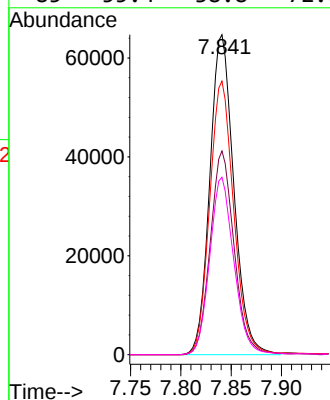
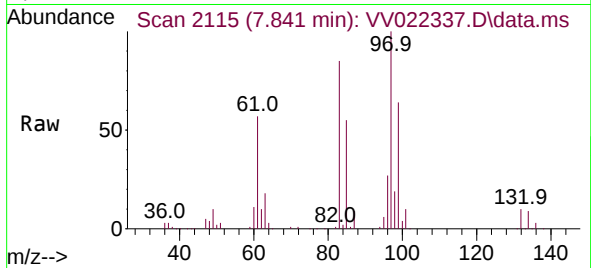




#45
1,1,2-Trichloroethane
Concen: 51.583 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

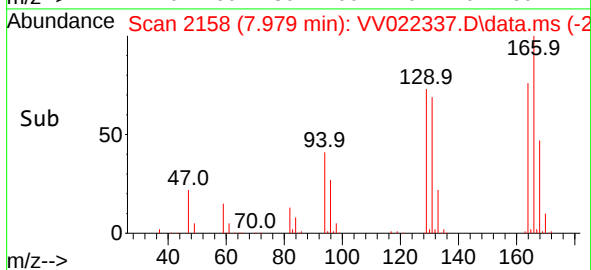
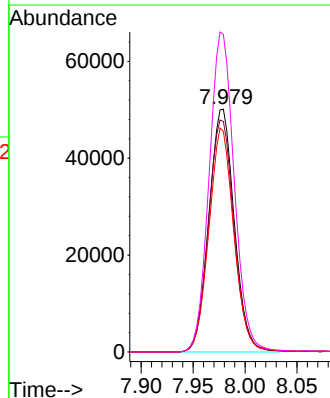
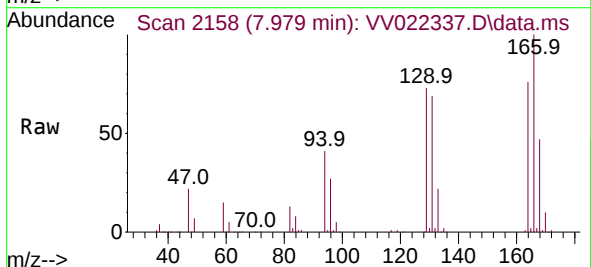
Instrument :
MSVOA_V
ClientSampleId :

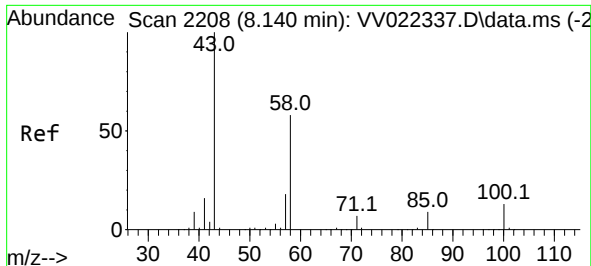
Tgt Ion:	97	Resp:	107731
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.6	82.8
83	85.5	59.8	111.1
85	55.4	38.8	72.0



#46
Tetrachloroethene
Concen: 49.092 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion:	164	Resp:	85057
Ion	Ratio	Lower	Upper
164	100		
129	94.9	66.4	123.4
131	90.8	63.6	118.0
166	130.8	91.6	170.0



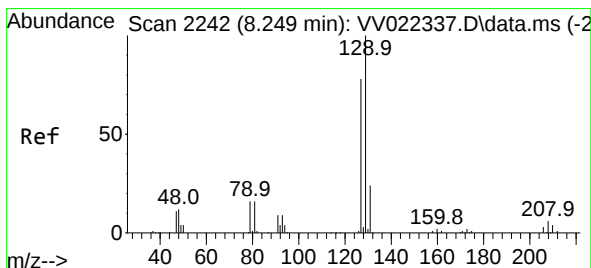
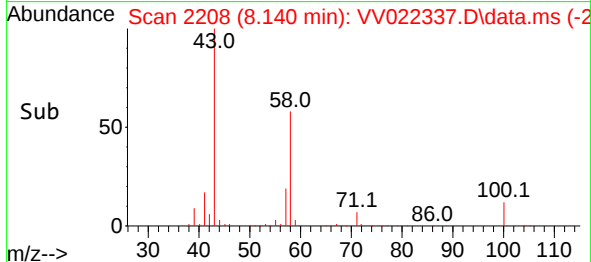
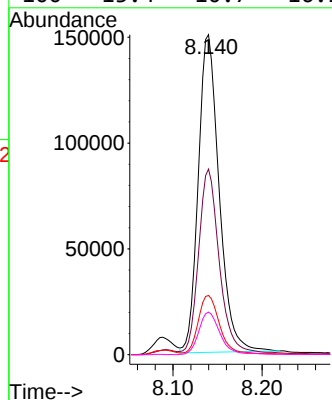
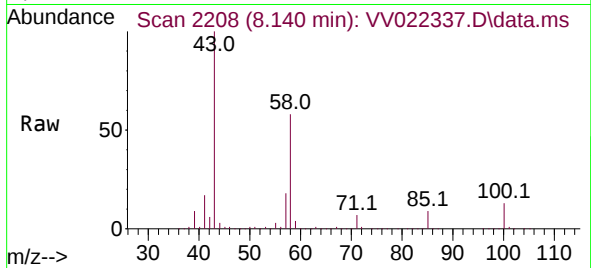


#48
2-Hexanone
Concen: 112.562 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 244771

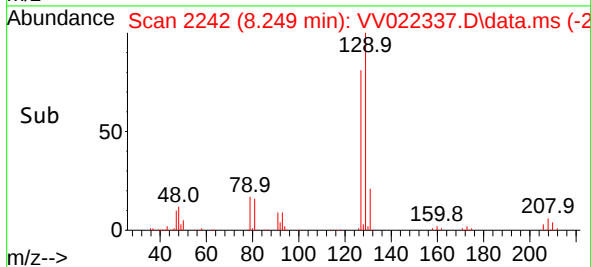
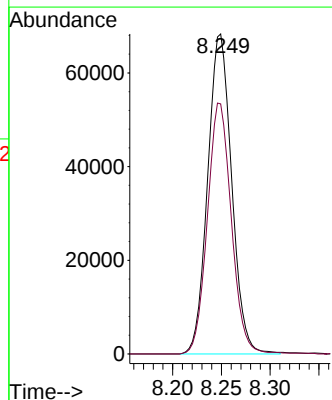
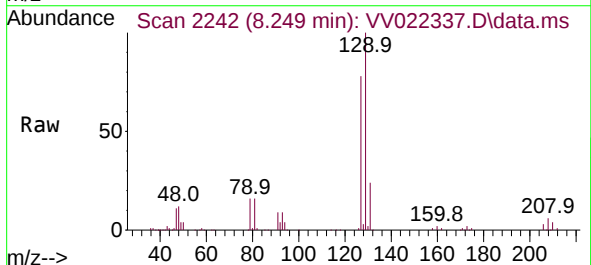
Ion	Ratio	Lower	Upper
43	100		
58	56.8	45.4	68.2
57	18.7	15.0	22.4
100	13.4	10.7	16.1

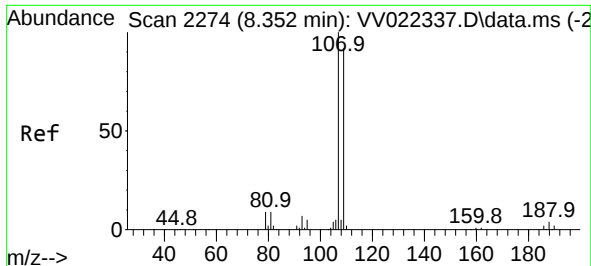


#49
Dibromochloromethane
Concen: 52.320 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 129 Resp: 116914

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.7	101.7





#50

1,2-Dibromoethane

Concen: 52.289 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

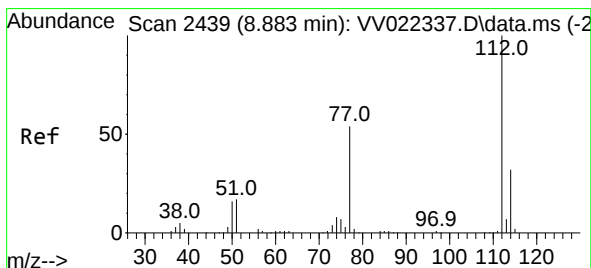
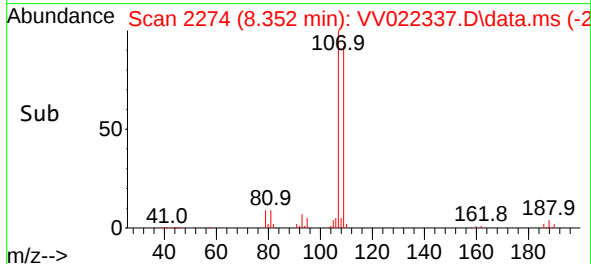
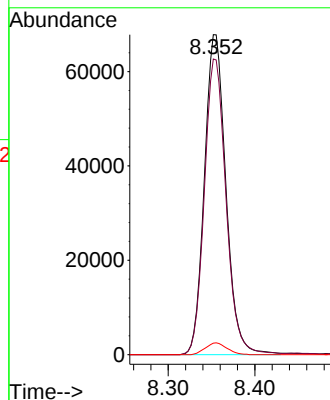
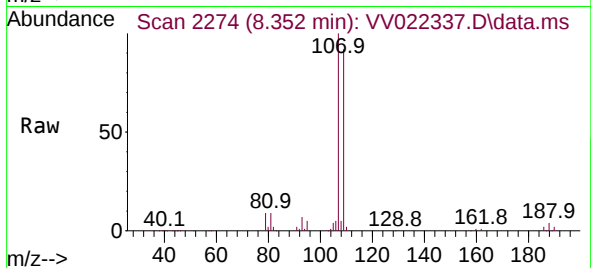
Tgt Ion:107 Resp: 117130

Ion Ratio Lower Upper

107 100

109 92.4 64.7 120.1

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 50.622 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV022337.D

Acq: 27 Sep 2021 16:57

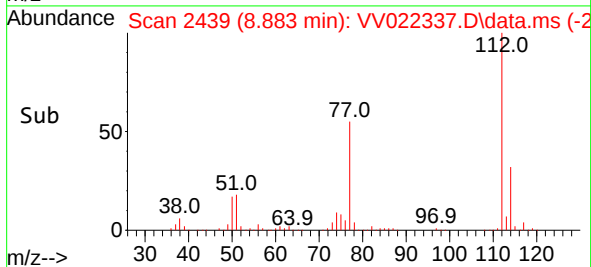
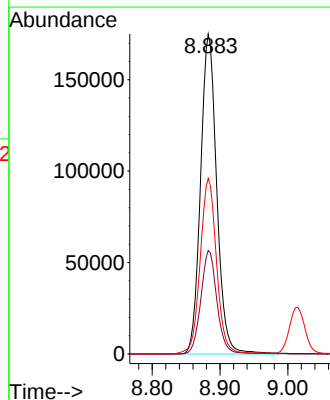
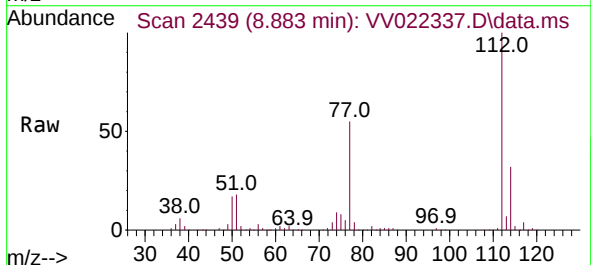
Tgt Ion:112 Resp: 289667

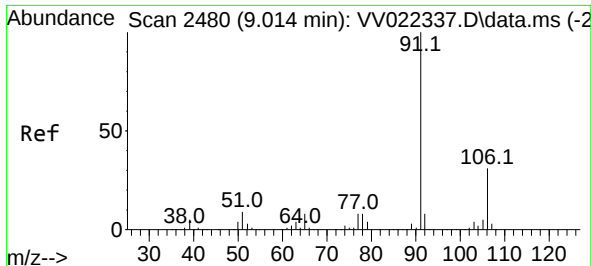
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 54.9 43.9 65.9





#52

Ethylbenzene

Concen: 51.270 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV022337.D

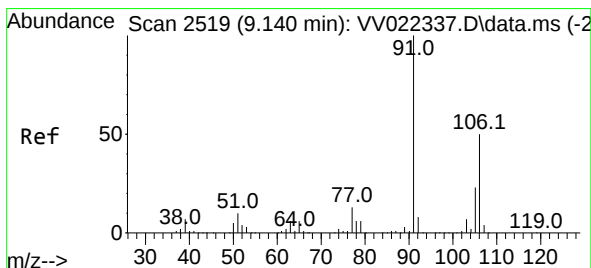
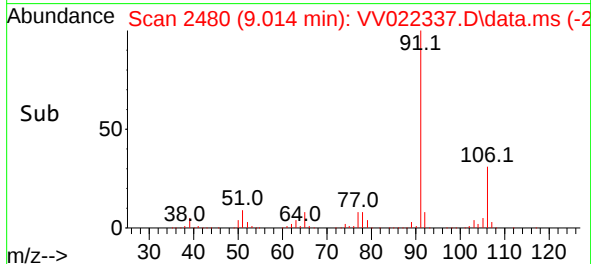
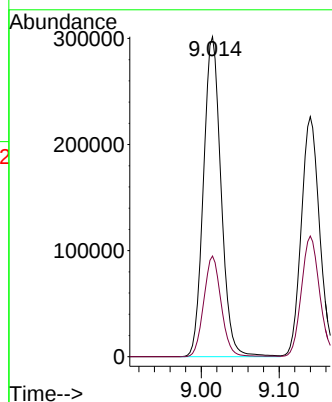
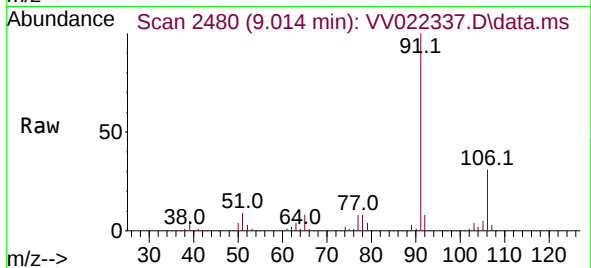
Acq: 27 Sep 2021 16:57

Tgt Ion: 91 Resp: 473561

Ion Ratio Lower Upper

91 100

106 31.4 22.0 40.8



#53

m,p-Xylene

Concen: 51.403 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022337.D

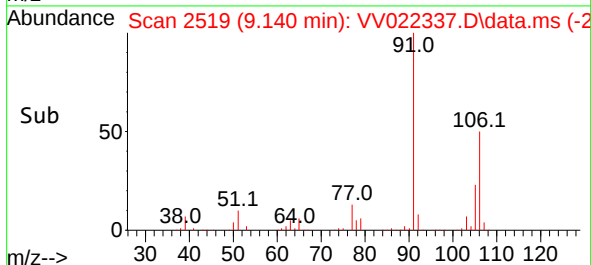
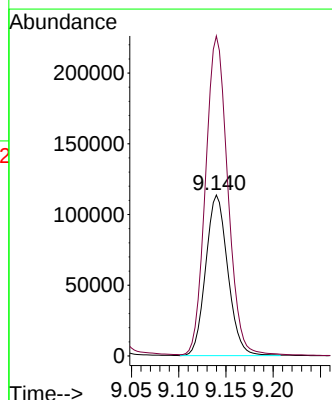
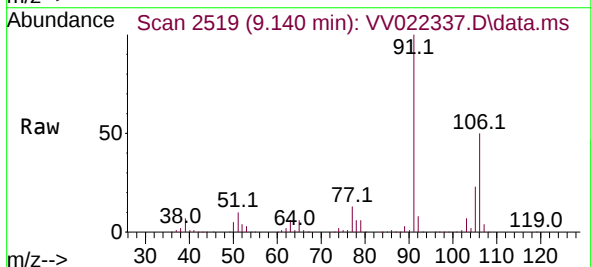
Acq: 27 Sep 2021 16:57

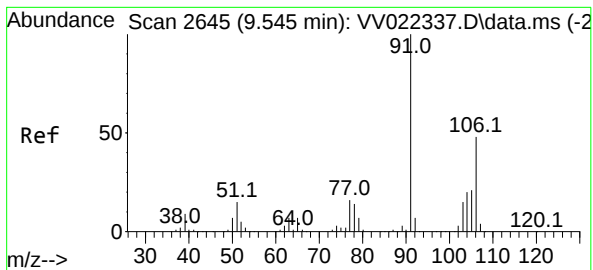
Tgt Ion: 106 Resp: 184337

Ion Ratio Lower Upper

106 100

91 198.9 139.2 258.6

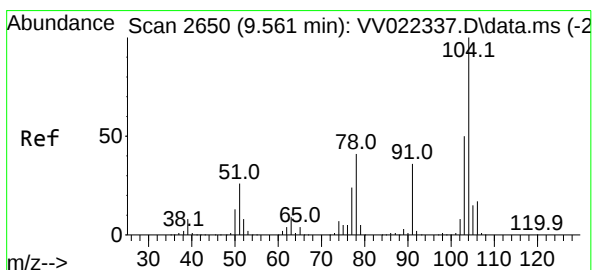
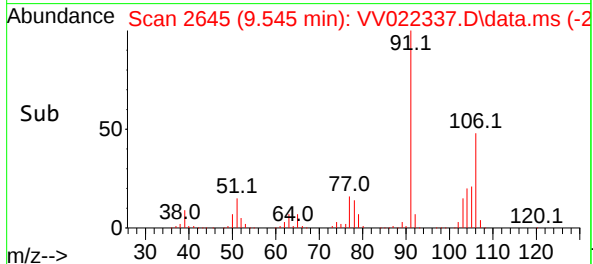
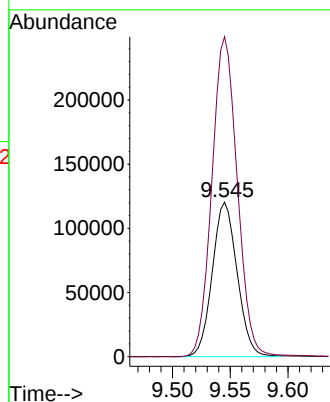
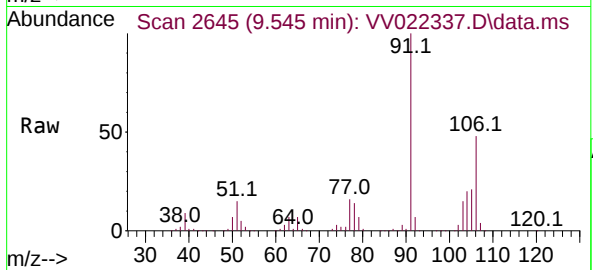




#54
o-Xylene
Concen: 50.789 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

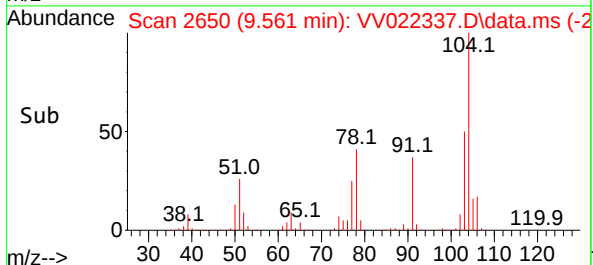
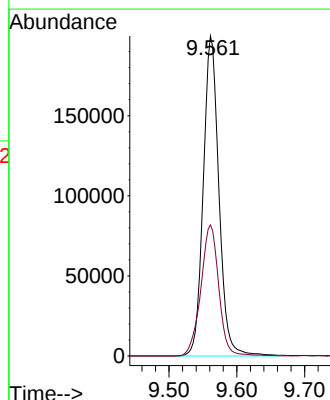
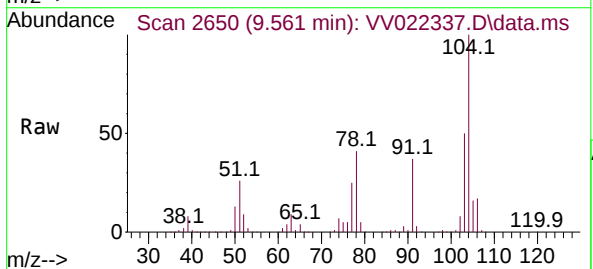
Instrument :
MSVOA_V
ClientSampleId :

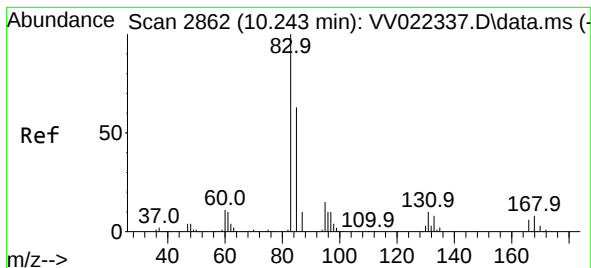
Tgt Ion:106 Resp: 179926
Ion Ratio Lower Upper
106 100
91 207.0 144.9 269.1



#55
Styrene
Concen: 52.860 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion:104 Resp: 321025
Ion Ratio Lower Upper
104 100
78 40.9 28.6 53.2

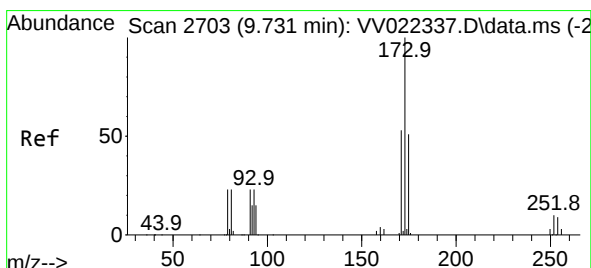
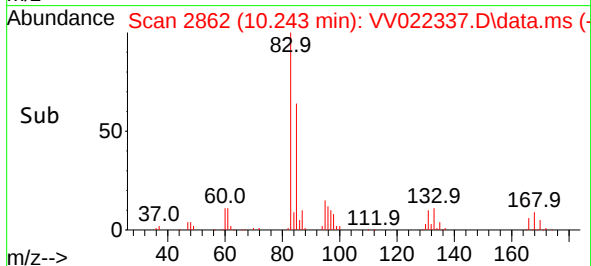
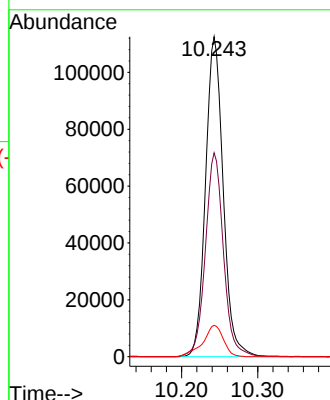
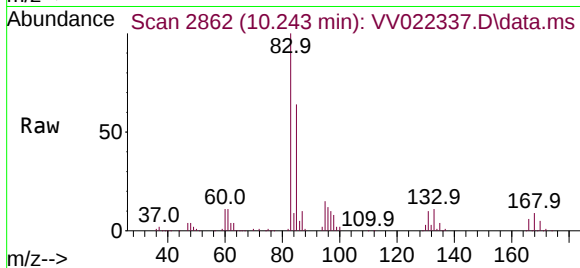




#57
1,1,2,2-Tetrachloroethane
Concen: 58.538 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

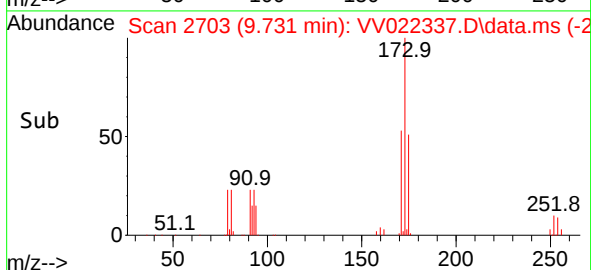
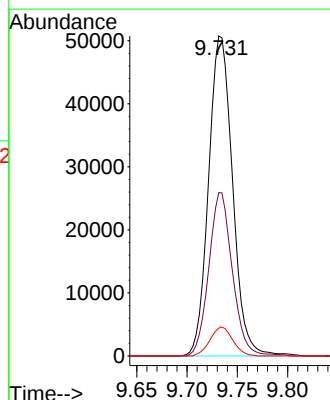
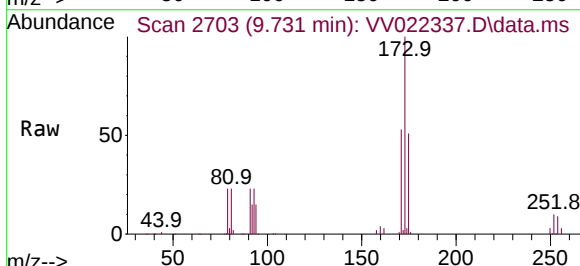
Instrument :
MSVOA_V
ClientSampleId :

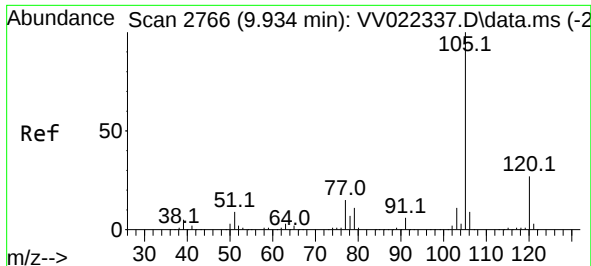
Tgt Ion: 83 Resp: 181448
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
131 9.8 7.8 11.8



#59
Bromoform
Concen: 52.563 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 173 Resp: 84188
Ion Ratio Lower Upper
173 100
175 50.1 40.1 60.1
254 8.6 6.9 10.3

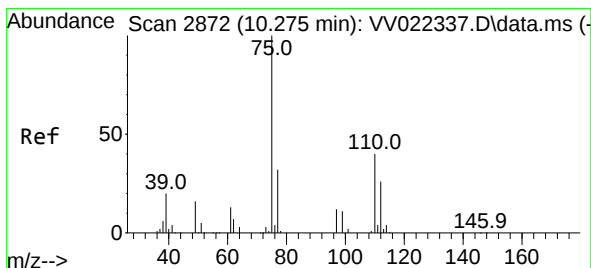
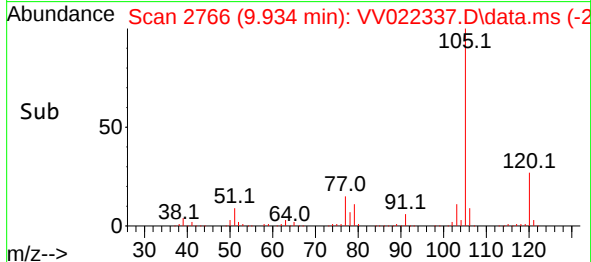
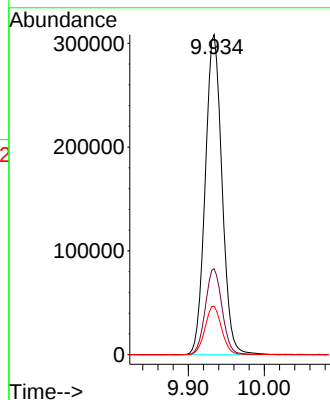
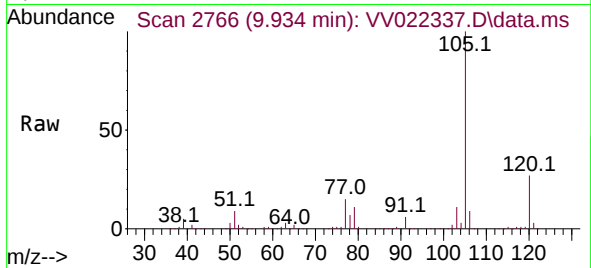




#60
Isopropylbenzene
Concen: 50.182 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

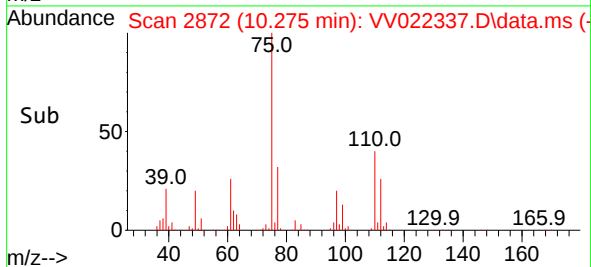
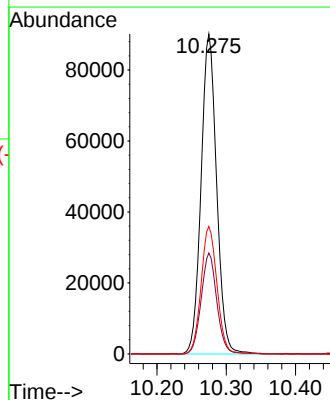
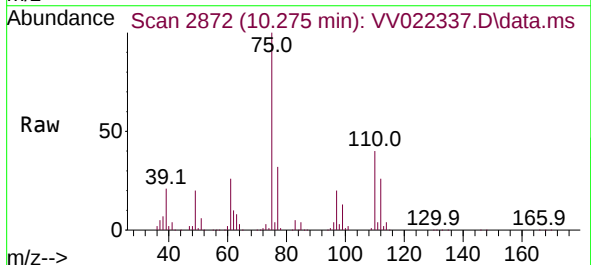
Instrument :
MSVOA_V
ClientSampled :

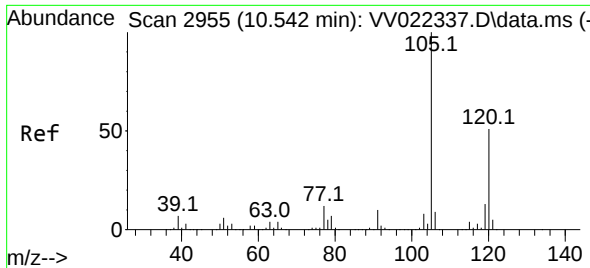
Tgt Ion:105 Resp: 472757
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 53.401 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 75 Resp: 140561
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 40.7 32.6 48.8

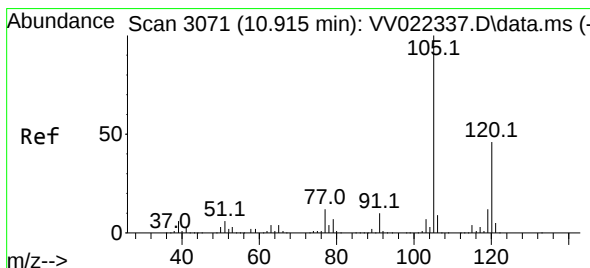
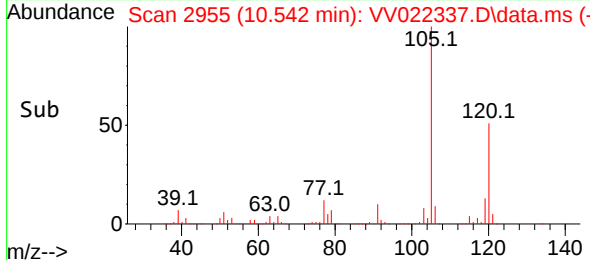
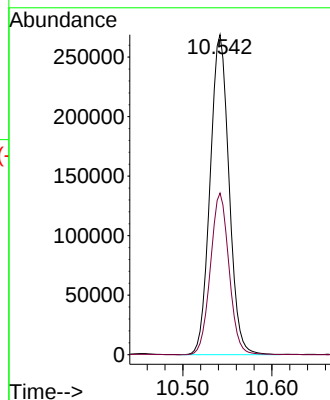
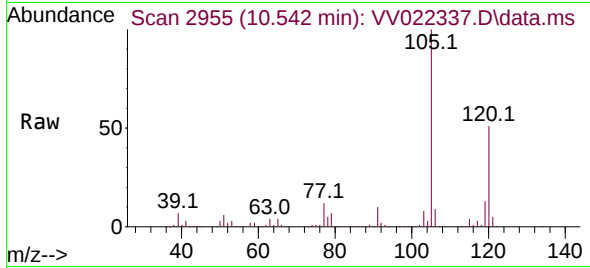




#62
1,3,5-Trimethylbenzene
Concen: 50.175 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

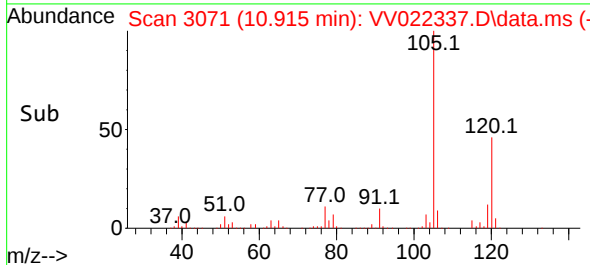
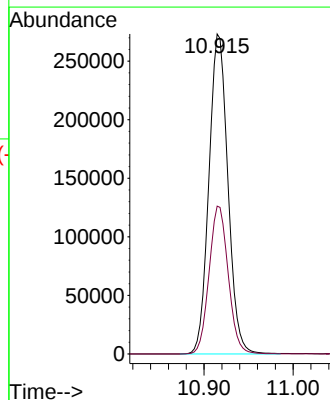
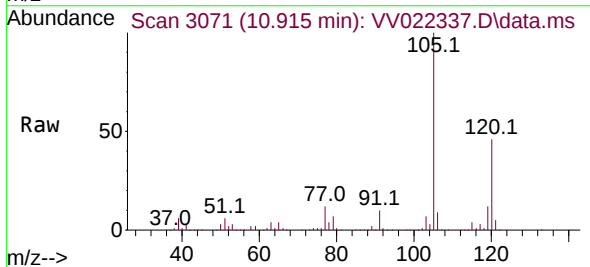
Instrument :
MSVOA_V
ClientSampled :

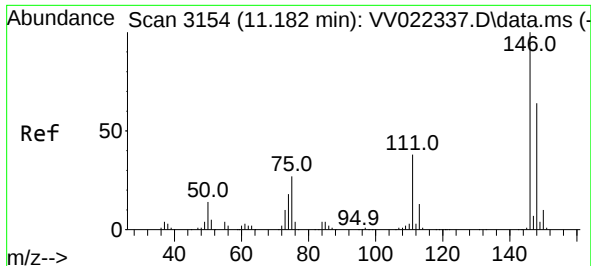
Tgt Ion:105 Resp: 396116
Ion Ratio Lower Upper
105 100
120 49.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 50.321 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion:105 Resp: 403848
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

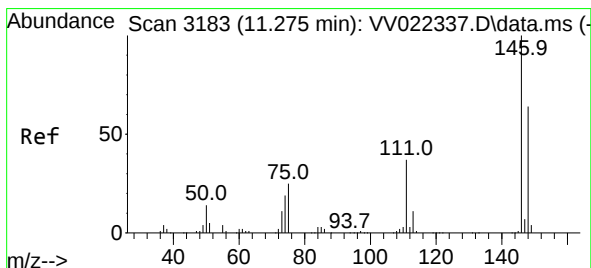
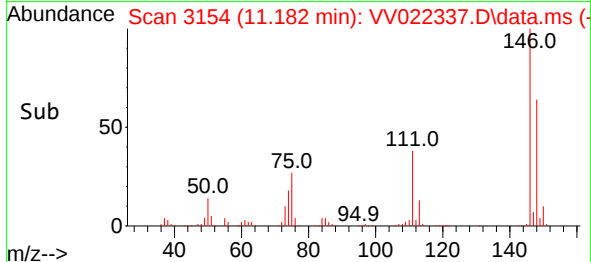
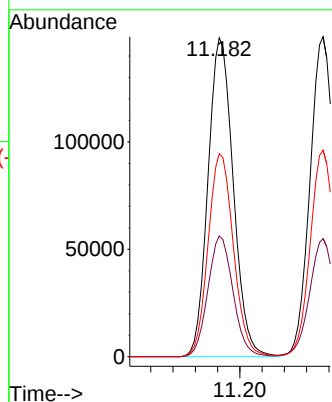
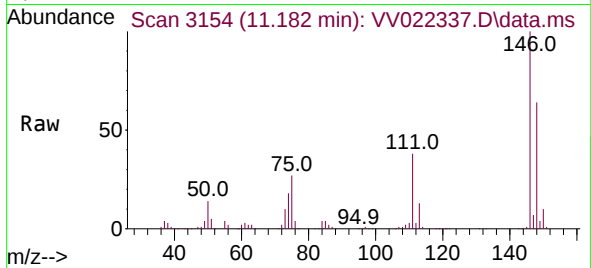




#64
1,3-Dichlorobenzene
Concen: 48.904 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

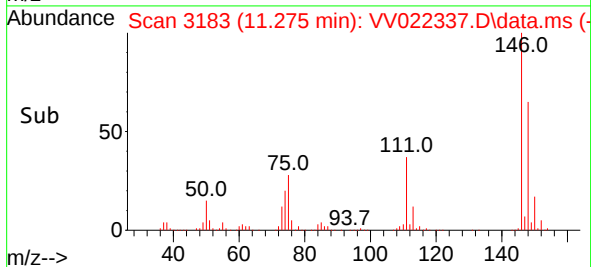
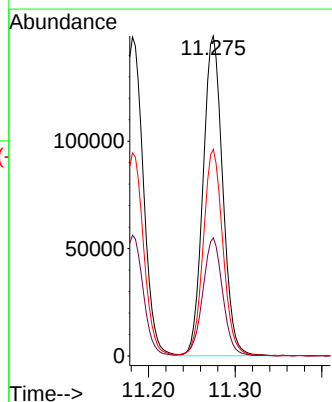
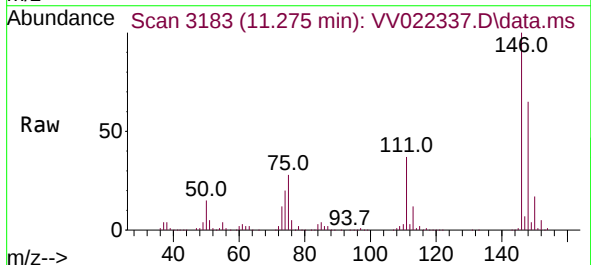
Instrument :
MSVOA_V
ClientSampled :

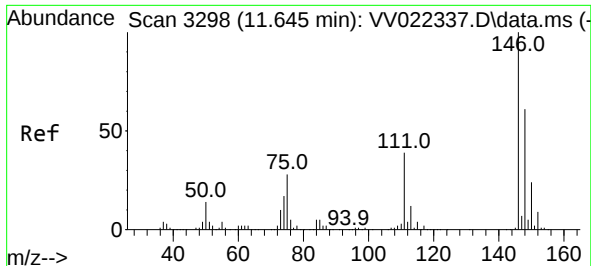
Tgt Ion:146 Resp: 233747
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 48.109 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion:146 Resp: 234717
Ion Ratio Lower Upper
146 100
111 36.9 25.8 48.0
148 64.5 45.1 83.9

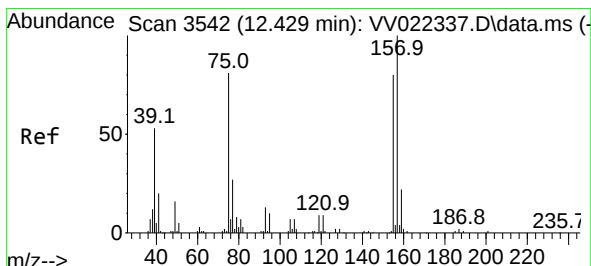
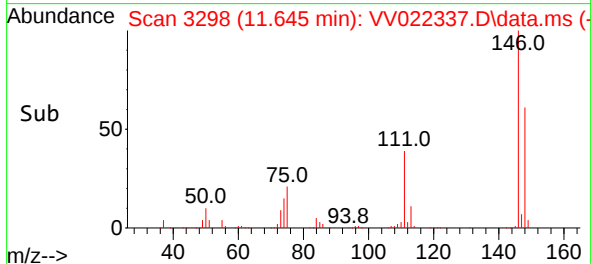
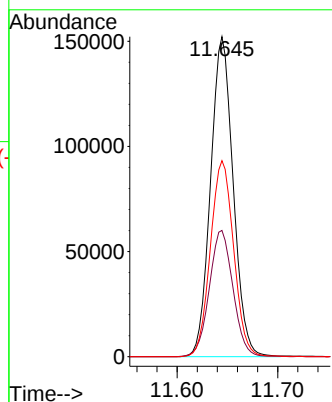
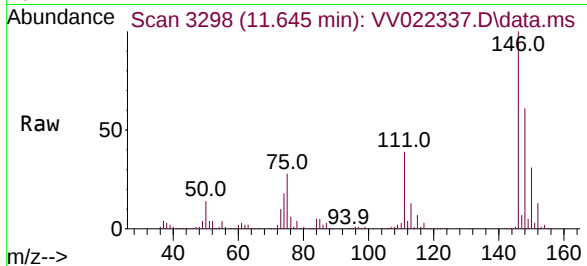




#67
1,2-Dichlorobenzene
Concen: 49.884 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

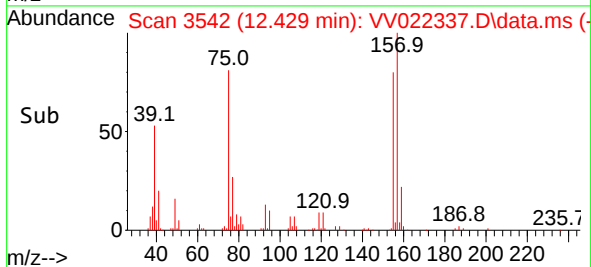
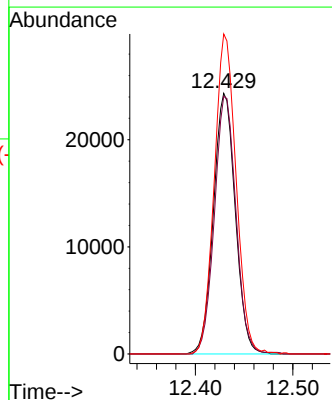
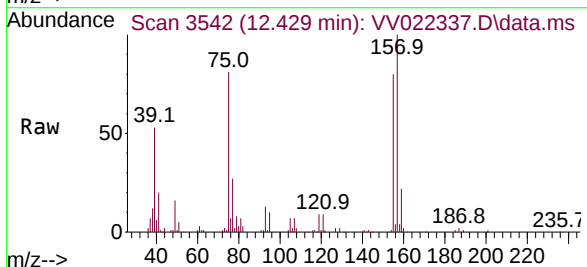
Instrument :
MSVOA_V
ClientSampled :

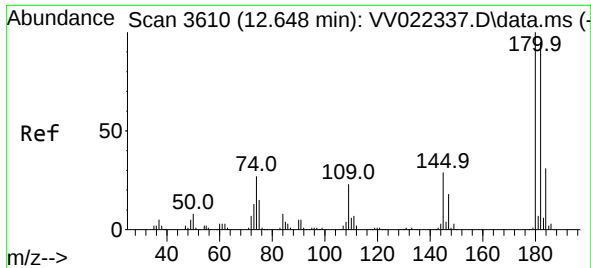
Tgt Ion:146 Resp: 237508
Ion Ratio Lower Upper
146 100
111 39.4 31.5 47.3
148 61.3 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 59.185 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion: 75 Resp: 37897
Ion Ratio Lower Upper
75 100
155 98.8 79.0 118.6
157 122.7 98.2 147.2

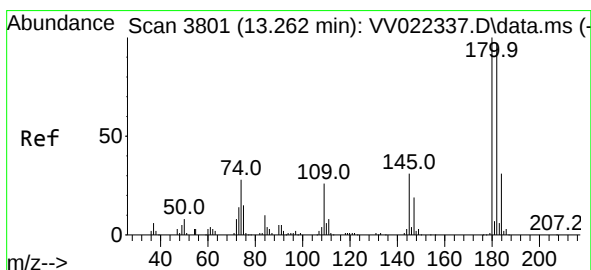
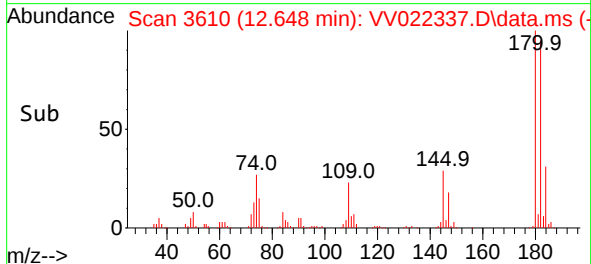
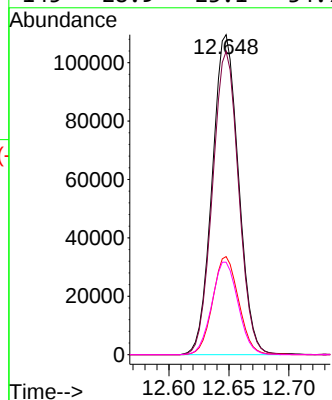
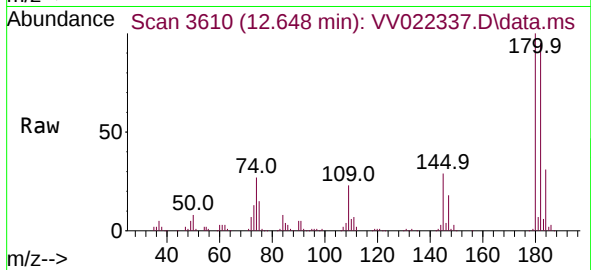




#69
1,3,5-Trichlorobenzene
Concen: 47.234 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

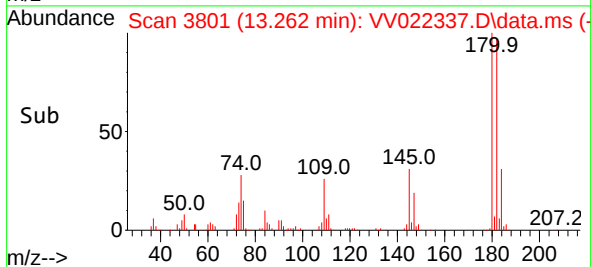
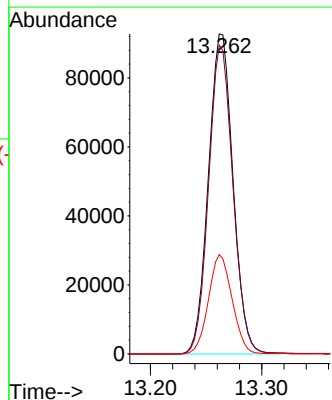
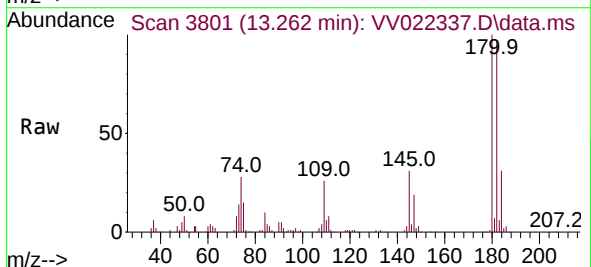
Instrument :
MSVOA_V
ClientSampleId :

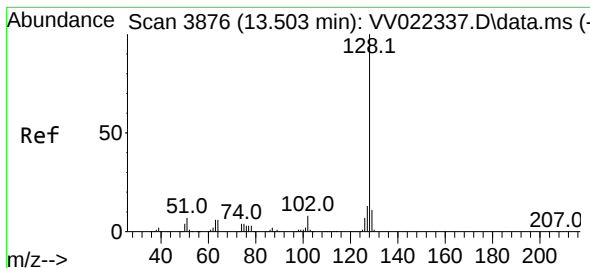
Tgt Ion:	180	Resp:	167254
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.2	112.8
184	30.2	24.2	36.2
145	28.9	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 46.093 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion:	180	Resp:	142372
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.2	114.2
145	29.9	23.9	35.9

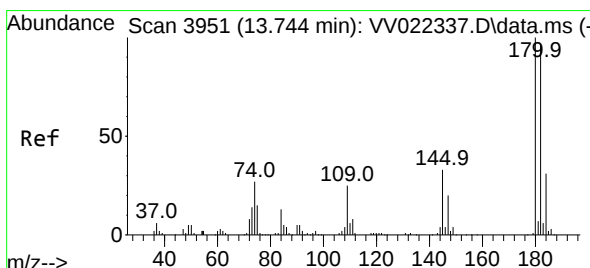
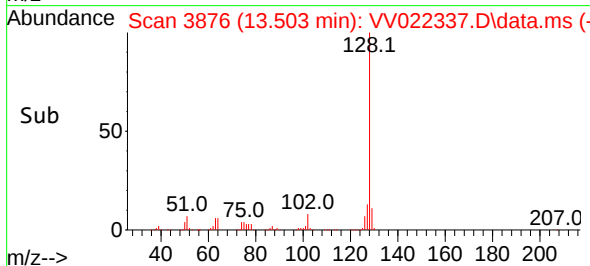
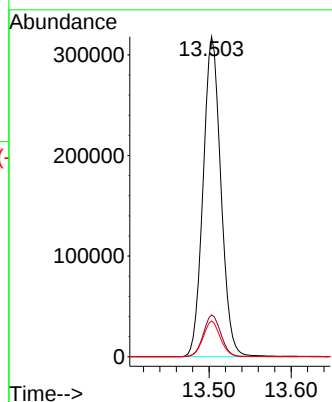
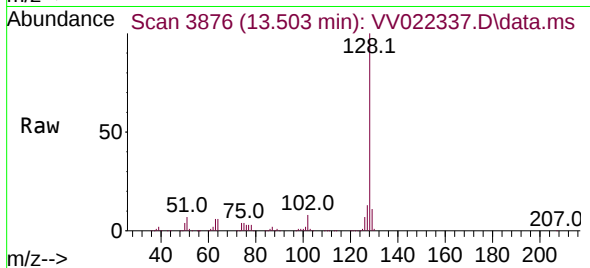




#71
Naphthalene
Concen: 52.883 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 478757
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.074 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022337.D
Acq: 27 Sep 2021 16:57

Tgt Ion:180 Resp: 149413
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 32.0 25.6 38.4

