

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023667.D
 Acq On : 23 Nov 2021 13:09
 Operator : SY/MD
 Sample : VSTD02057
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 03:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149785	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	148110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	247110	26.015	ug/L	0.00
7) Chloroethane-d5	1.568	69	189875	24.825	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	437940	24.488	ug/L	0.00
20) 2-Butanone-d5	3.899	46	296680	190.945	ug/L	0.00
24) Chloroform-d	4.346	84	441871	22.714	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	205156	23.291	ug/L	0.00
32) Benzene-d6	5.050	84	876005	23.573	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	240708	22.196	ug/L	0.00
41) Toluene-d8	7.314	98	863504	24.657	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	105800	25.362	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	395832	264.771	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	172826	22.184	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	320942	22.962	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	278862	19.126	ug/L	99
3) Chloromethane	1.240	50	235046	18.878	ug/L	98
5) Vinyl chloride	1.311	62	253831	20.201	ug/L	97
6) Bromomethane	1.523	94	149983	19.268	ug/L	98
8) Chloroethane	1.584	64	149777	20.423	ug/L	98
9) Trichlorofluoromethane	1.754	101	407280	21.167	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	208612	21.591	ug/L	98
12) 1,1-Dichloroethene	2.118	96	194984	21.077	ug/L #	82
13) Acetone	2.201	43	195708	184.242	ug/L	76
14) Carbon disulfide	2.294	76	668444	19.700	ug/L	100
15) Methyl Acetate	2.439	43	65328	22.719	ug/L	96
16) Methylene chloride	2.507	84	216060	16.374	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	439345	21.949	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	229669	20.647	ug/L	97
19) 1,1-Dichloroethane	3.188	63	381559	20.325	ug/L	99
21) 2-Butanone	3.979	43	322083	199.870	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	236464	21.997	ug/L	99
23) Bromochloromethane	4.246	128	106828	21.576	ug/L	95
25) Chloroform	4.375	83	418836	20.659	ug/L	100
27) 1,2-Dichloroethane	5.130	62	228124	21.080	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	390235	21.112	ug/L	99
30) Cyclohexane	4.677	56	360809	22.051	ug/L	99
31) Carbon tetrachloride	4.828	117	362495	21.708	ug/L	99
33) Benzene	5.098	78	891018	21.234	ug/L	100
34) Trichloroethene	5.912	95	236982	21.096	ug/L	98
35) Methylcyclohexane	6.130	83	400257	22.587	ug/L	98
37) 1,2-Dichloropropane	6.172	63	208951	21.391	ug/L	99
38) Bromodichloromethane	6.510	83	282878	21.246	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	328028	23.155	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1078018	232.922	ug/L	98
42) Toluene	7.387	91	1004319	22.200	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	277227	23.667	ug/L	100

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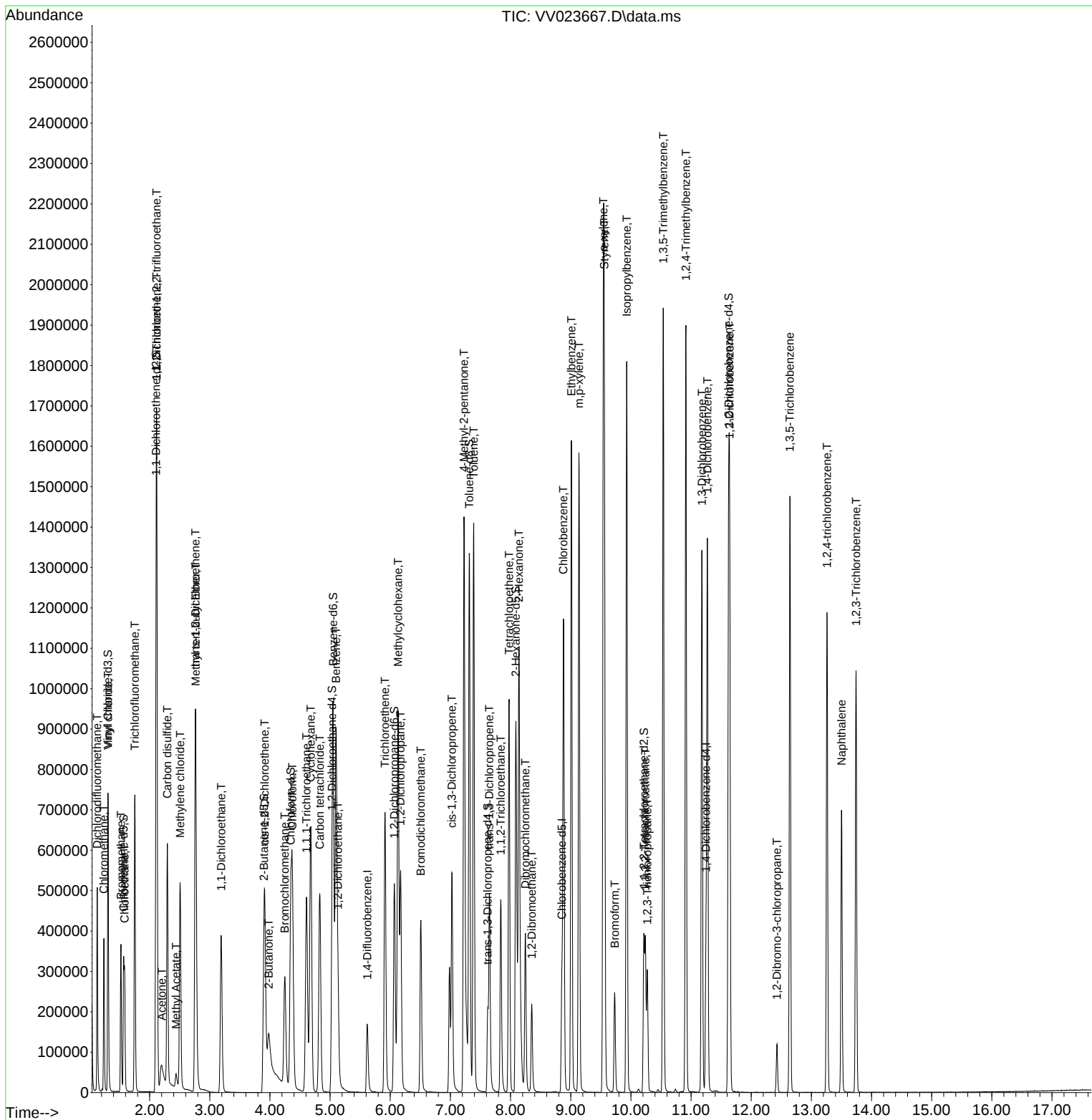
Quant Time: Nov 24 03:44:16 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
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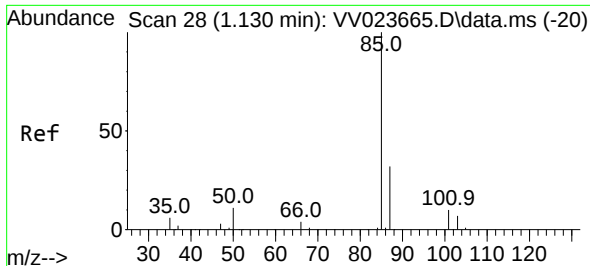
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	148055	20.757	ug/L	98
47) Tetrachloroethene	7.976	164	214284	21.831	ug/L	98
48) 2-Hexanone	8.140	43	785165	243.891	ug/L	98
49) Dibromochloromethane	8.246	129	204217	22.464	ug/L	100
50) 1,2-Dibromoethane	8.352	107	143029	21.771	ug/L	95
51) Chlorobenzene	8.879	112	641239	21.353	ug/L	98
52) Ethylbenzene	9.011	91	1099443	23.011	ug/L	100
53) m,p-xylene	9.137	106	437339	23.146	ug/L	99
54) o-xylene	9.542	106	418304	23.740	ug/L	99
55) Styrene	9.558	104	714853	23.606	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	163692	21.120	ug/L	99
59) Bromoform	9.731	173	113837	21.502	ug/L	99
60) Isopropylbenzene	9.931	105	1130065	22.389	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	116682	20.125	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	984918	23.518	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	994021	23.837	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	552569	21.518	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	544482	20.812	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	495132	21.440	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	27649	22.477	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	450314	22.284	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	362797	22.566	ug/L	97
71) Naphthalene	13.503	128	537395	23.080	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	317886	22.634	ug/L	99

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

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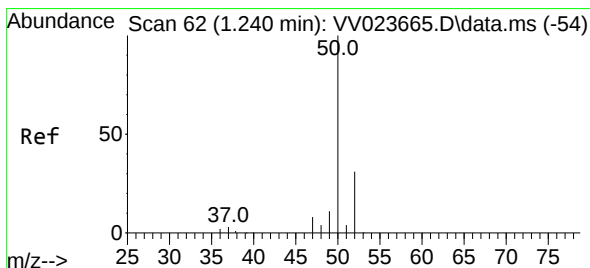
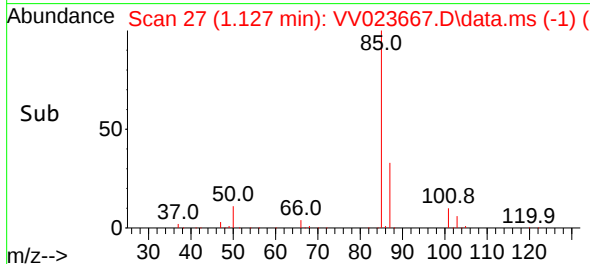
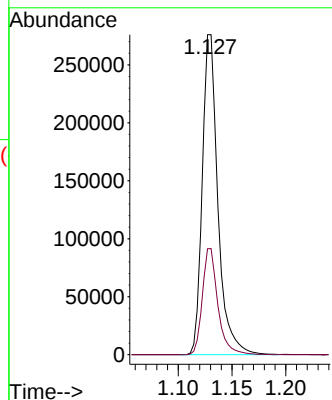
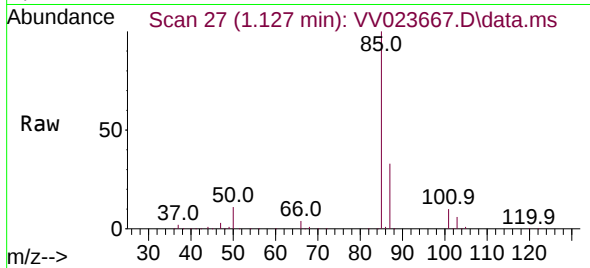




#2
 Dichlorodifluoromethane
 Concen: 19.126 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

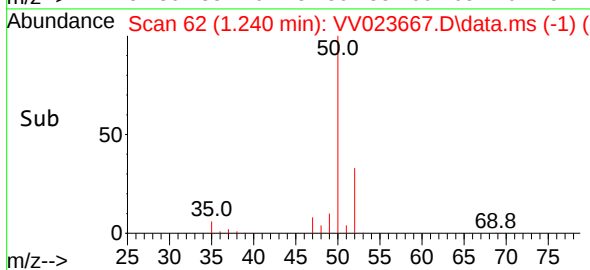
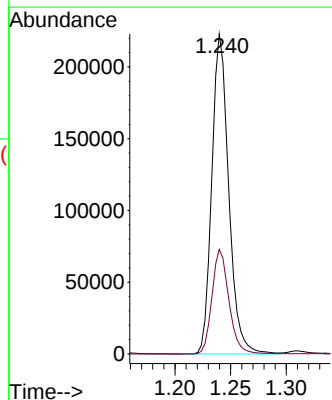
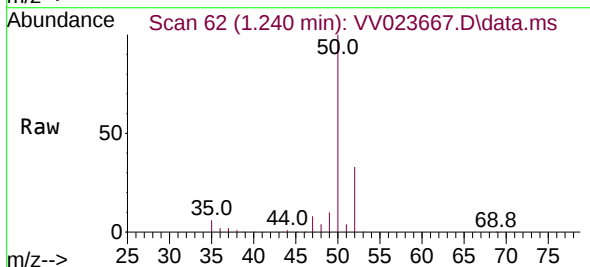
Instrument :
 MSVOA_V
 ClientSampleId :

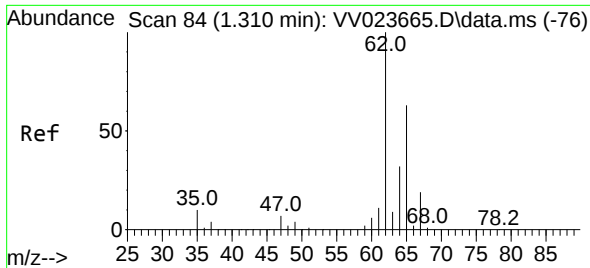
Tgt Ion: 85 Resp: 278862
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 18.878 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

Tgt Ion: 50 Resp: 235046
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.0 41.0

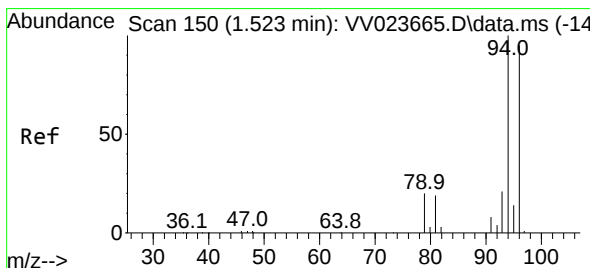
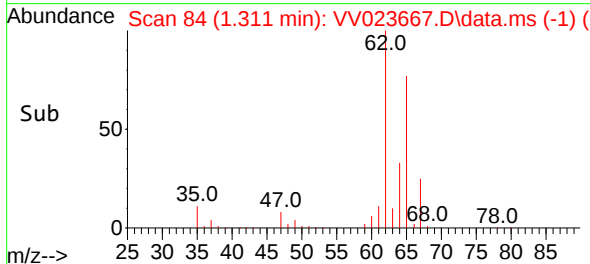
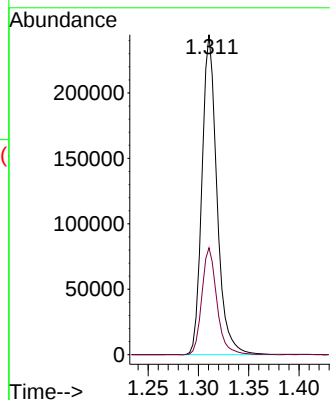
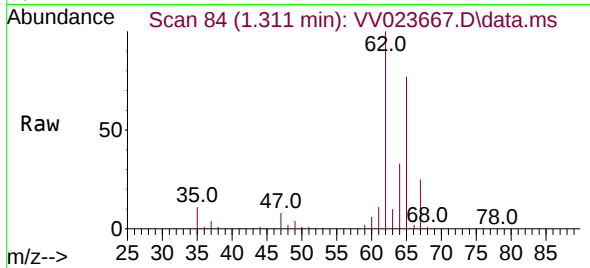




#5
 Vinyl chloride
 Concen: 20.201 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

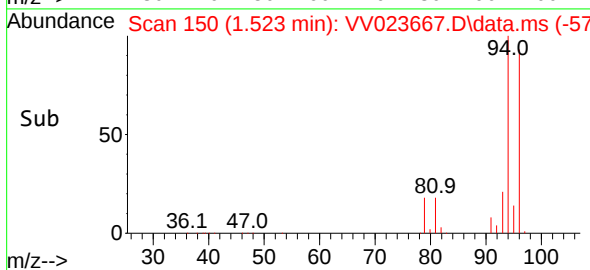
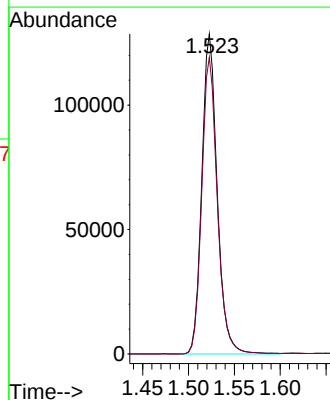
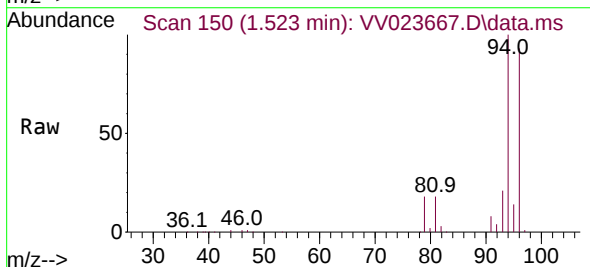
Instrument :
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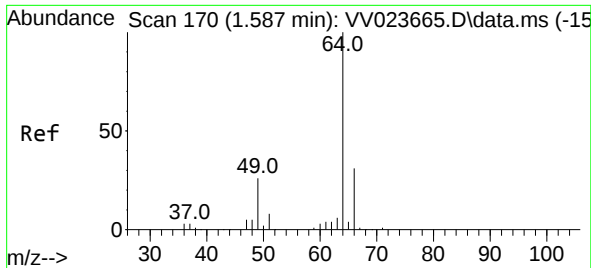
Tgt Ion: 62 Resp: 253831
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.4 41.6



#6
 Bromomethane
 Concen: 19.268 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

Tgt Ion: 94 Resp: 149983
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.2 123.0

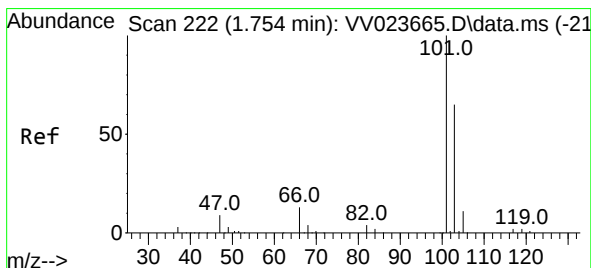
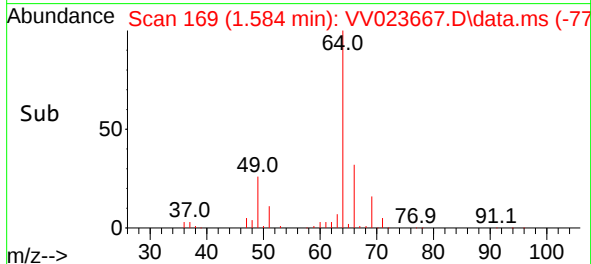
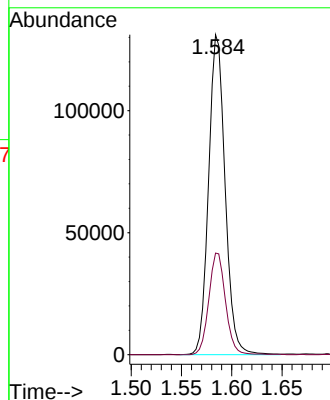
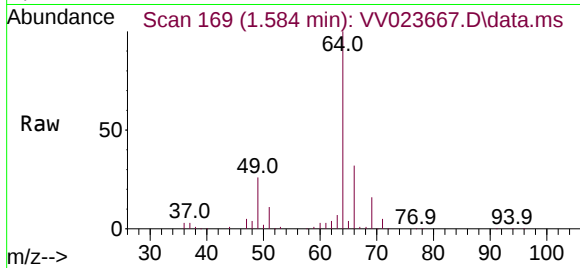




#8
Chloroethane
Concen: 20.423 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

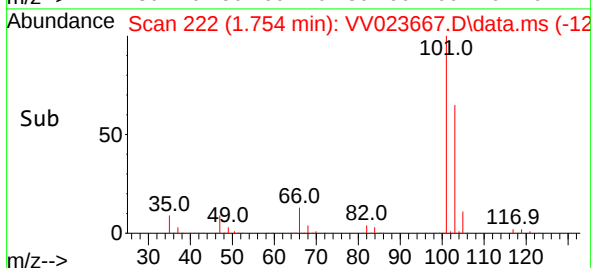
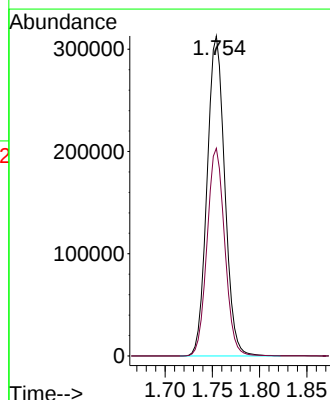
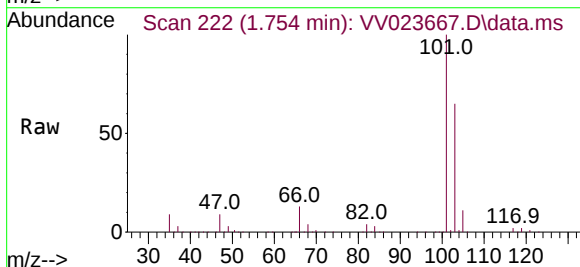
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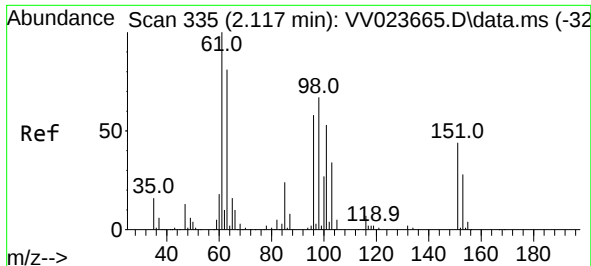
Tgt Ion: 64 Resp: 149777
Ion Ratio Lower Upper
64 100
66 31.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 21.167 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Tgt Ion:101 Resp: 407280
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

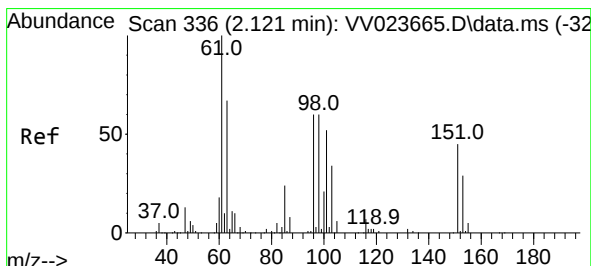
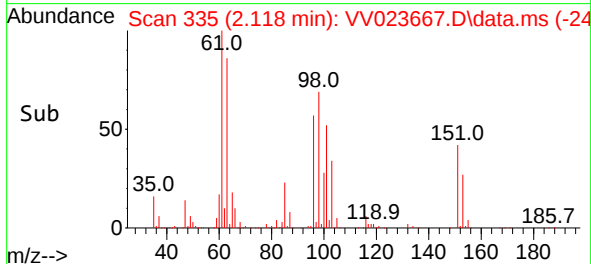
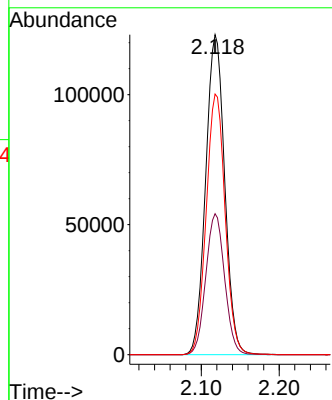
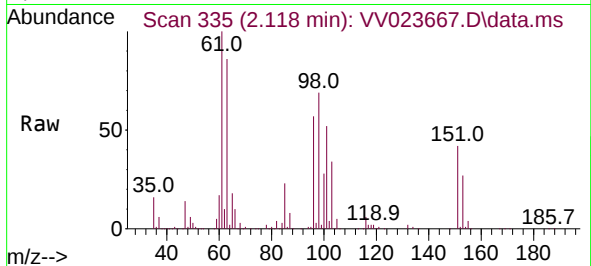




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.591 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

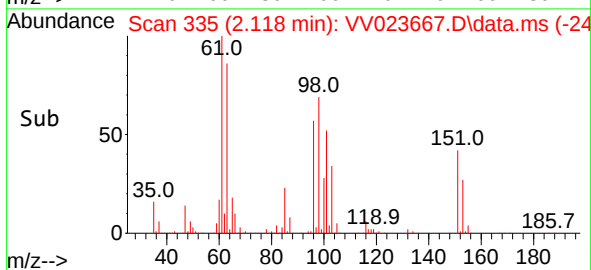
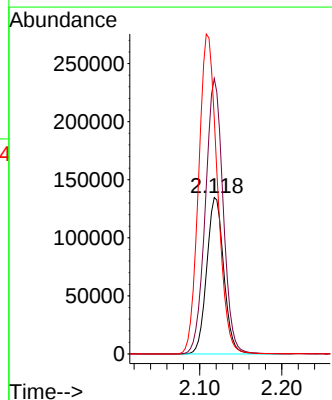
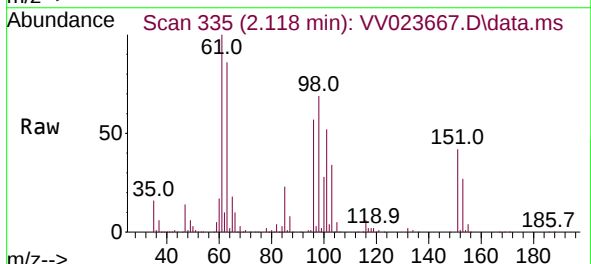
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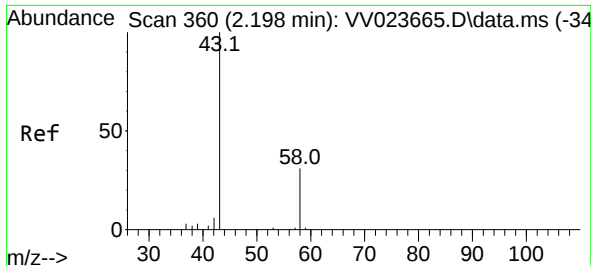
Tgt Ion:101 Resp: 208612
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.0 54.0
 151 81.2 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 21.077 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

Tgt Ion: 96 Resp: 194984
 Ion Ratio Lower Upper
 96 100
 61 175.9 116.1 215.5
 63 150.5 79.4 147.4#





#13

Acetone

Concen: 184.242 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

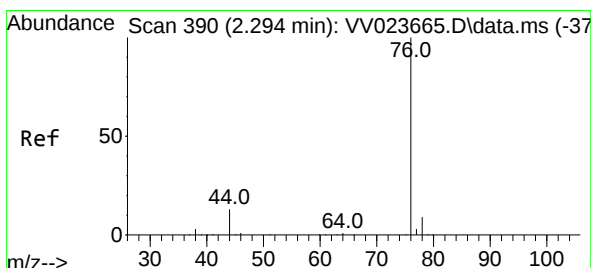
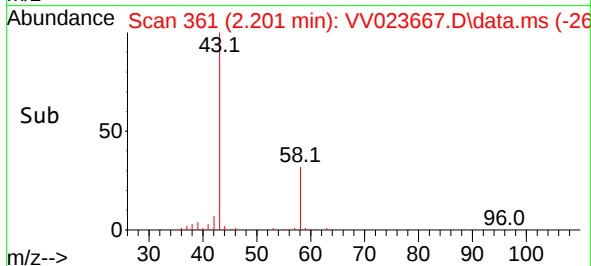
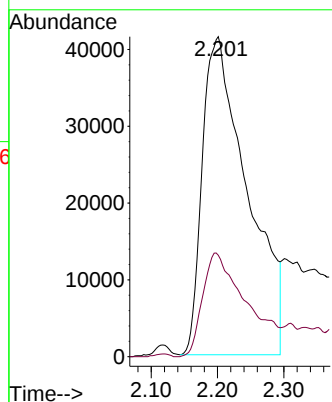
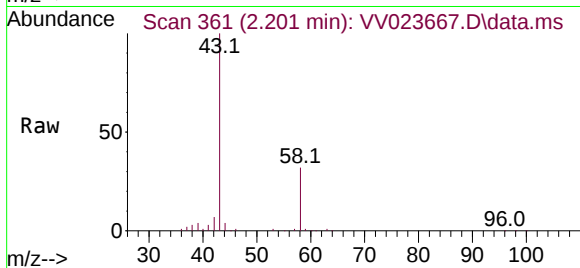
ClientSampleId :

Tgt Ion: 43 Resp: 195708

Ion Ratio Lower Upper

43 100

58 32.0 0.0 41.4



#14

Carbon disulfide

Concen: 19.700 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023667.D

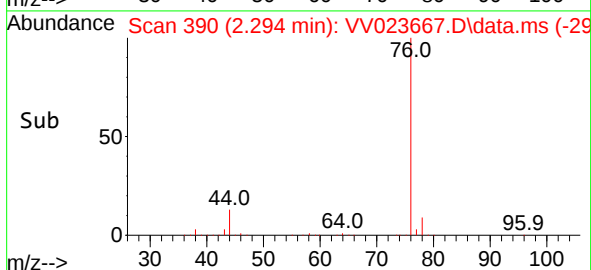
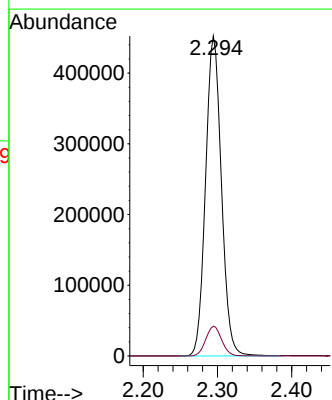
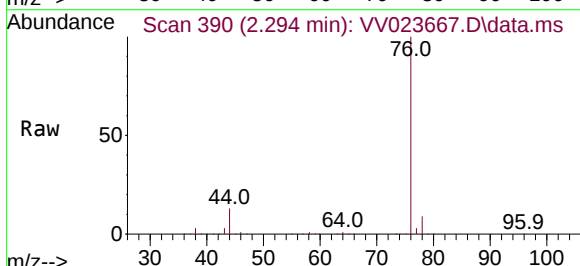
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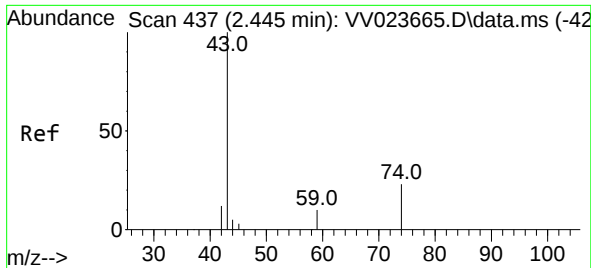
Tgt Ion: 76 Resp: 668444

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

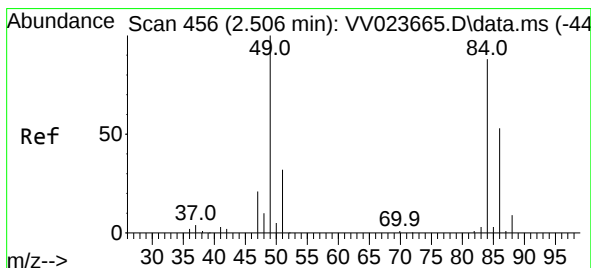
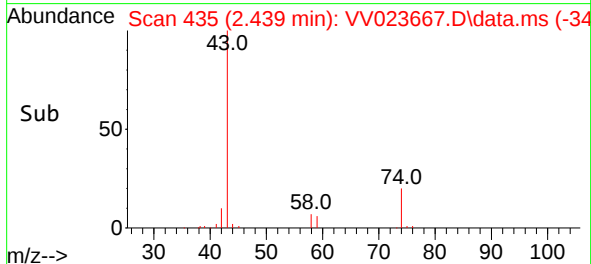
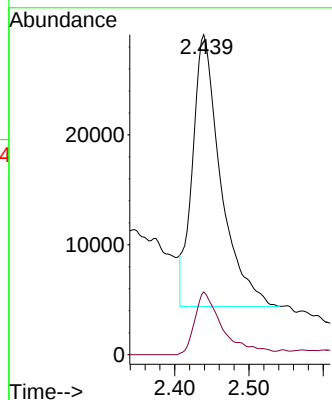
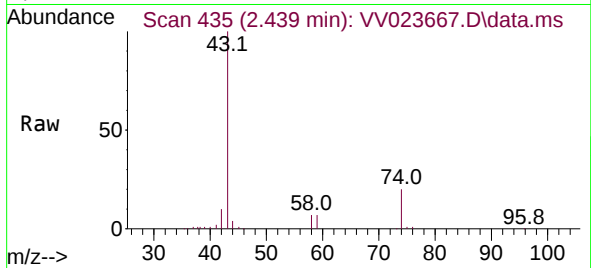




#15
Methyl Acetate
Concen: 22.719 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

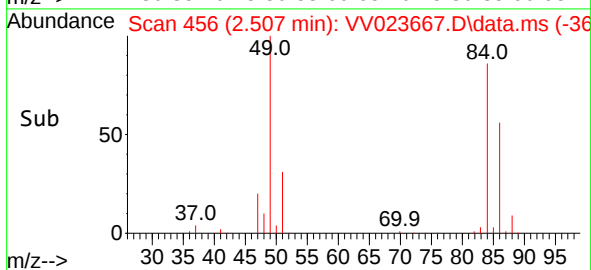
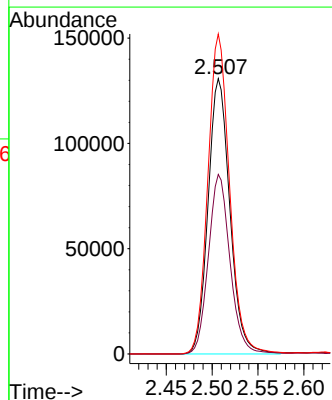
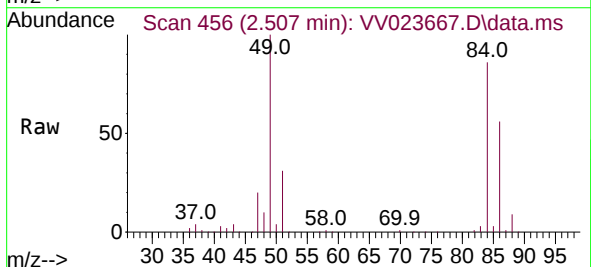
Instrument :
MSVOA_V
ClientSampleId :

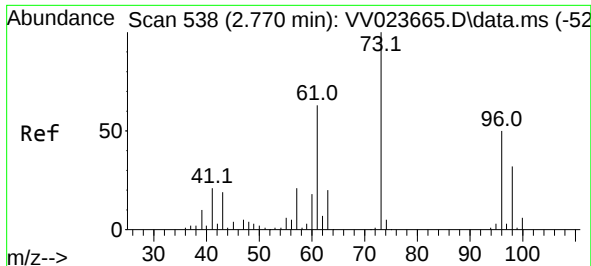
Tgt Ion: 43 Resp: 65328
Ion Ratio Lower Upper
43 100
74 23.0 20.2 30.2



#16
Methylene chloride
Concen: 16.374 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

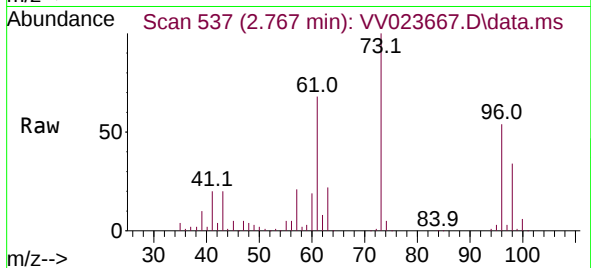
Tgt Ion: 84 Resp: 216060
Ion Ratio Lower Upper
84 100
86 65.2 42.6 79.0
49 116.2 79.7 147.9



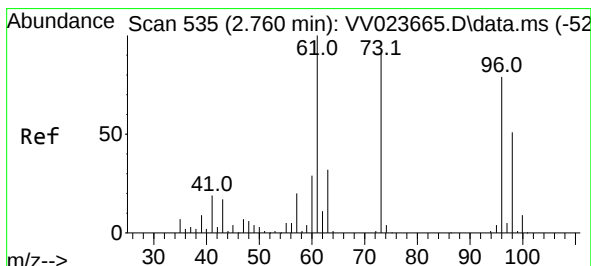
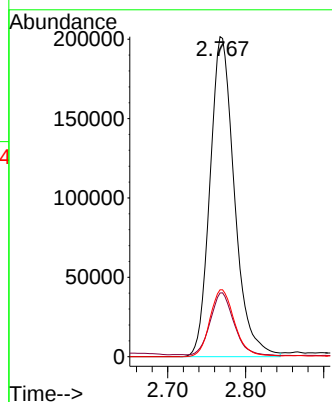
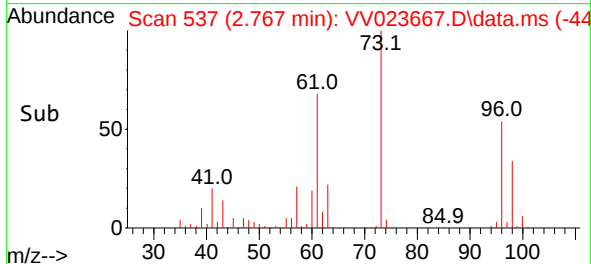


#17
Methyl tert-butyl Ether
Concen: 21.949 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

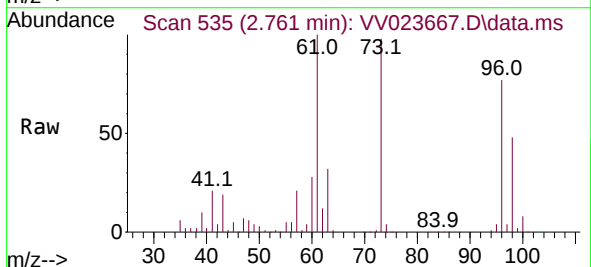
Instrument :
MSVOA_V
ClientSampleId :



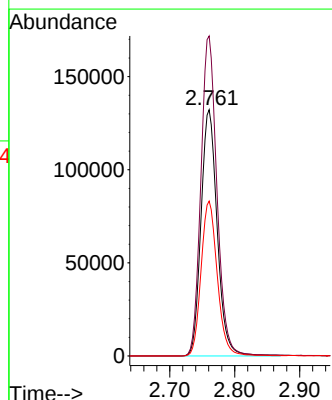
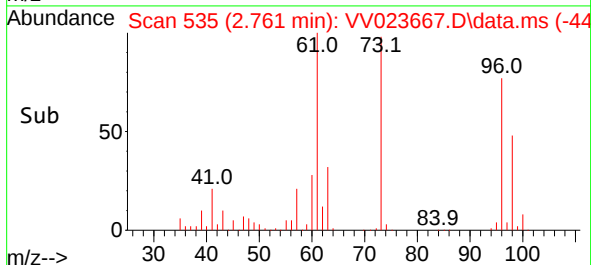
Tgt Ion: 73 Resp: 439345
Ion Ratio Lower Upper
73 100
43 19.0 15.5 23.3
57 21.1 17.1 25.7

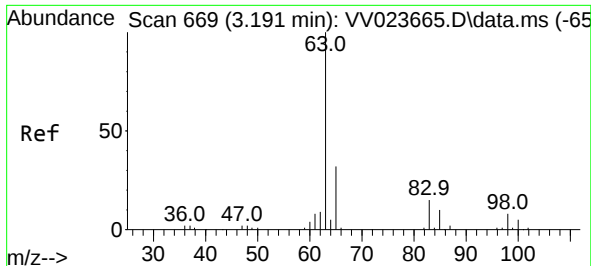


#18
trans-1,2-Dichloroethene
Concen: 20.647 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09



Tgt Ion: 96 Resp: 229669
Ion Ratio Lower Upper
96 100
61 130.0 88.2 163.8
98 62.9 44.9 83.5





#19

1,1-Dichloroethane

Concen: 20.325 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

ClientSampleId :

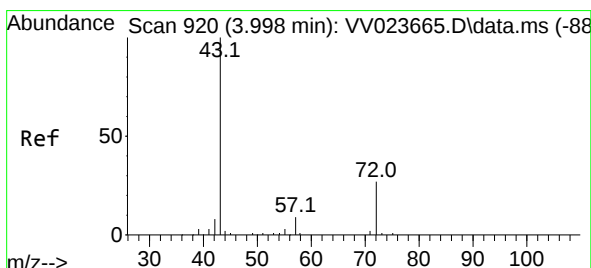
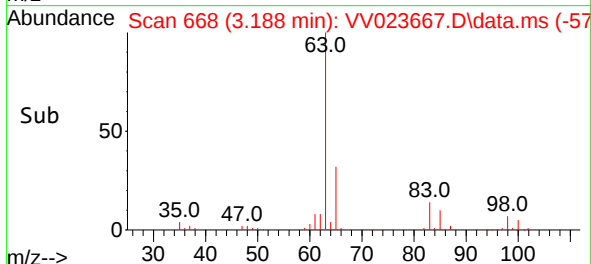
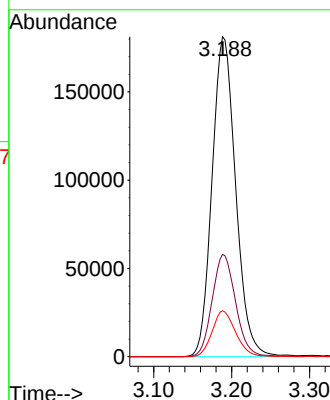
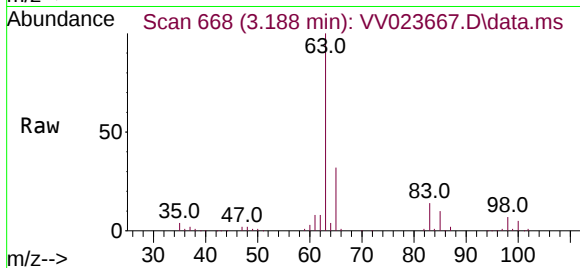
Tgt Ion: 63 Resp: 381559

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.3

83 14.4 10.7 19.9



#21

2-Butanone

Concen: 199.870 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.019 min

Lab File: VV023667.D

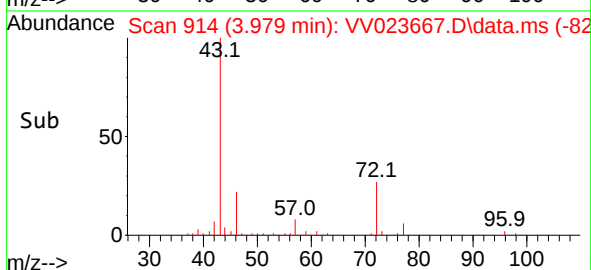
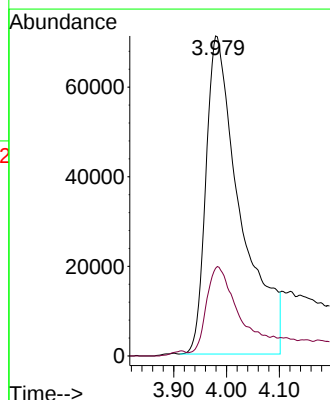
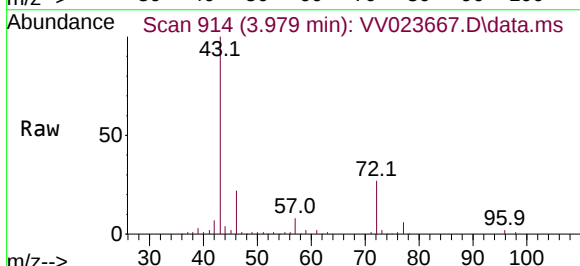
Acq: 23 Nov 2021 13:09

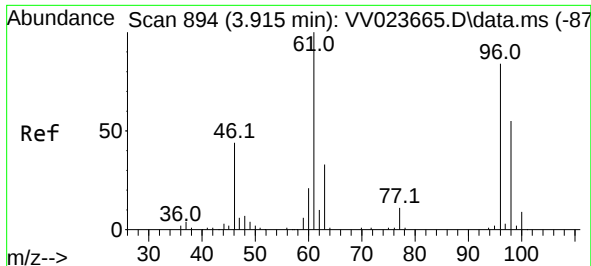
Tgt Ion: 43 Resp: 322083

Ion Ratio Lower Upper

43 100

72 24.9 11.1 33.1

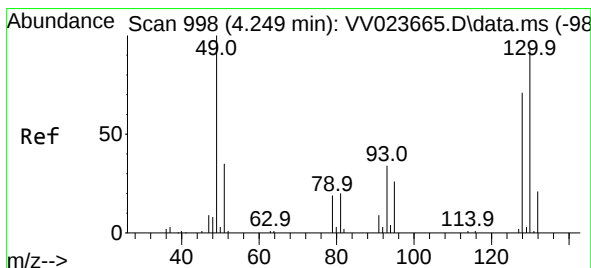
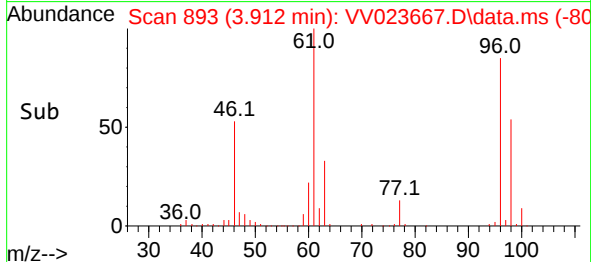
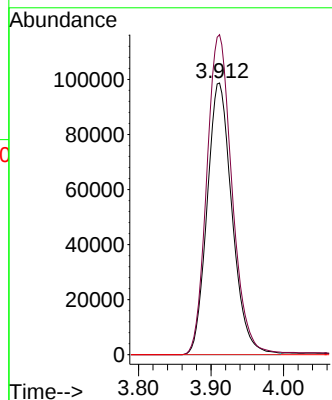
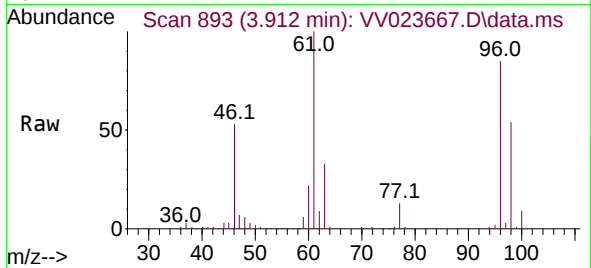




#22
 cis-1,2-Dichloroethene
 Concen: 21.997 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

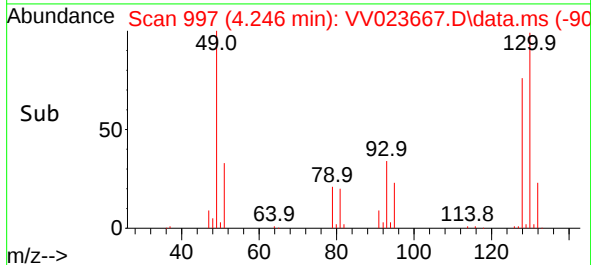
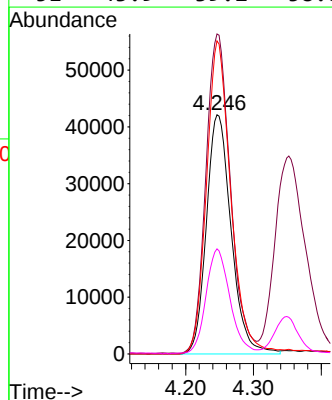
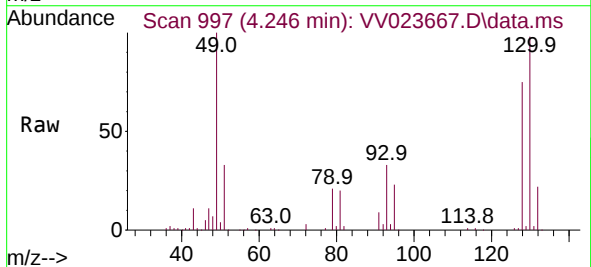
Instrument :
 MSVOA_V
 ClientSampleId :

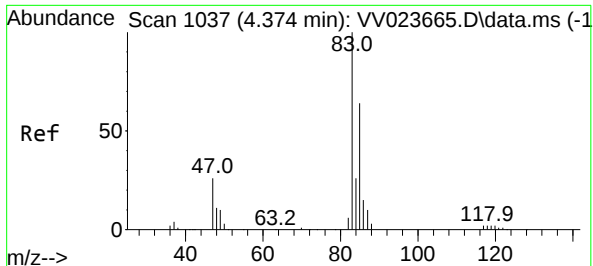
Tgt Ion: 96 Resp: 236464
 Ion Ratio Lower Upper
 96 100
 61 117.8 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 21.576 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

Tgt Ion: 128 Resp: 106828
 Ion Ratio Lower Upper
 128 100
 49 133.7 100.2 186.2
 130 130.9 92.5 171.7
 51 43.9 39.2 58.8





#25

Chloroform

Concen: 20.659 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

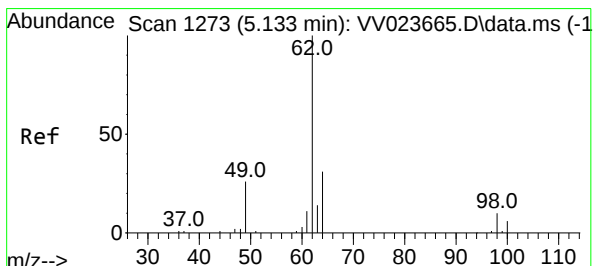
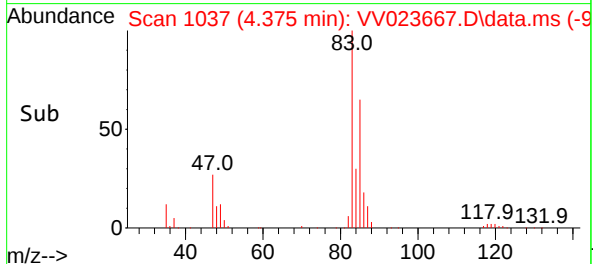
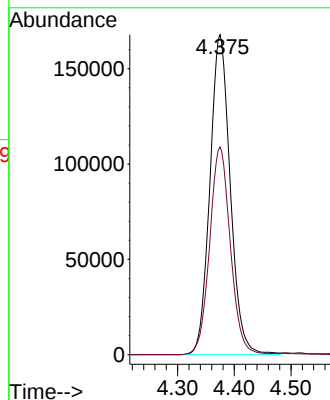
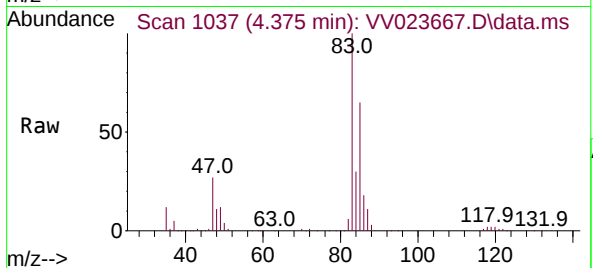
ClientSampleId :

Tgt Ion: 83 Resp: 418836

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 21.080 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV023667.D

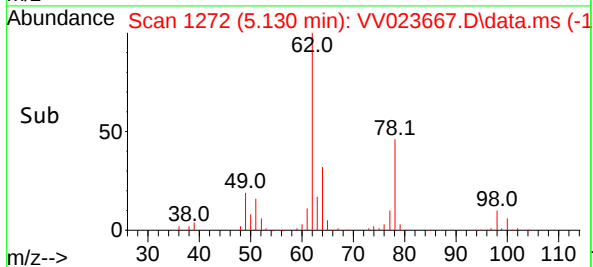
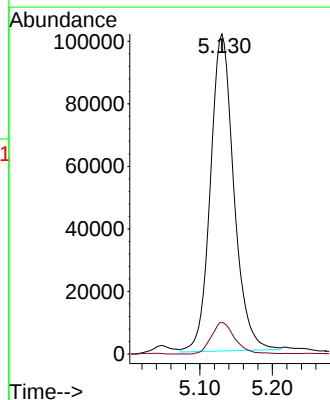
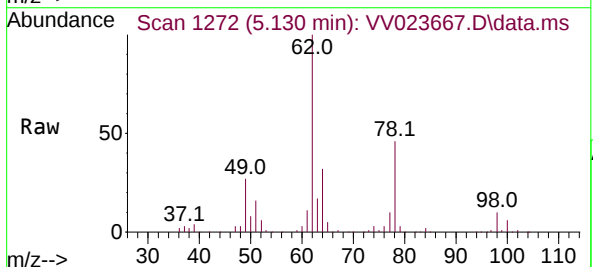
Acq: 23 Nov 2021 13:09

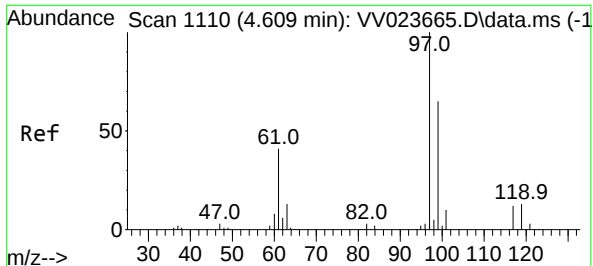
Tgt Ion: 62 Resp: 228124

Ion Ratio Lower Upper

62 100

98 9.9 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 21.112 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

ClientSampleId :

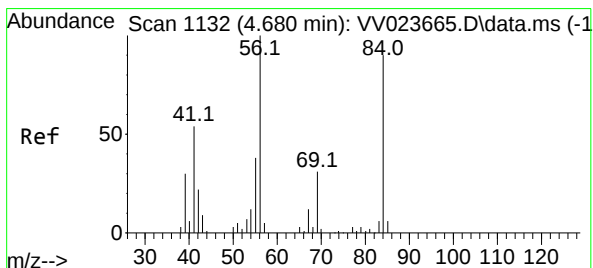
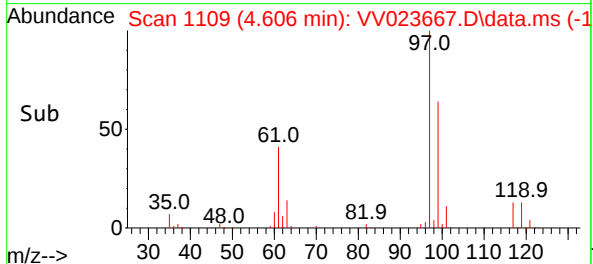
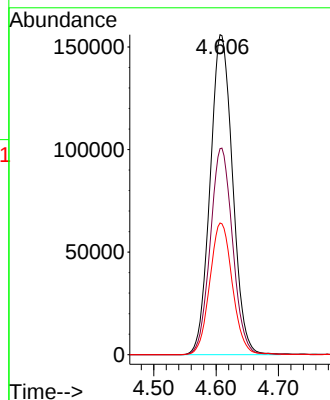
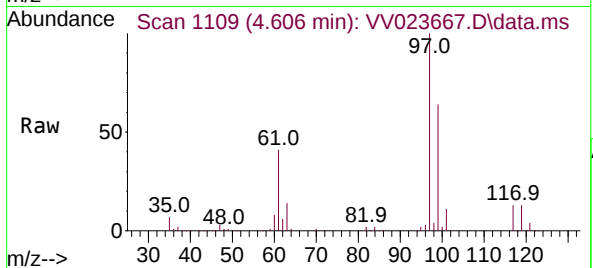
Tgt Ion: 97 Resp: 390235

Ion Ratio Lower Upper

97 100

99 64.2 51.9 77.9

61 41.6 33.2 49.8



#30

Cyclohexane

Concen: 22.051 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

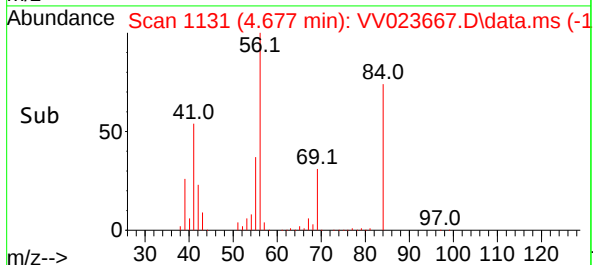
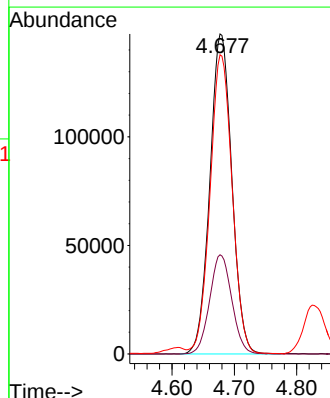
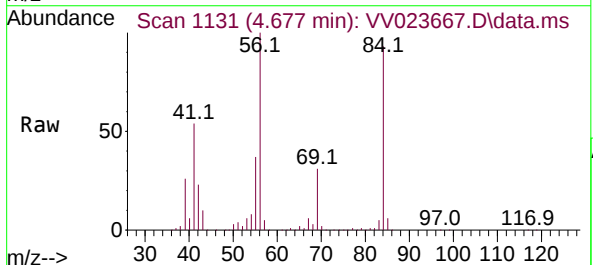
Tgt Ion: 56 Resp: 360809

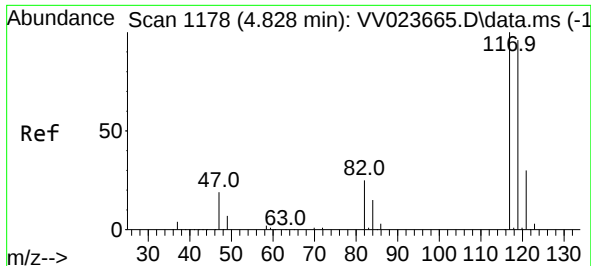
Ion Ratio Lower Upper

56 100

69 31.2 24.8 37.2

84 94.0 75.9 113.9

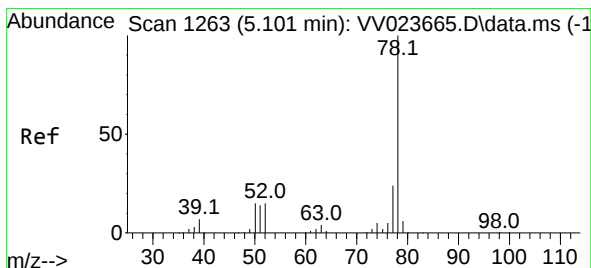
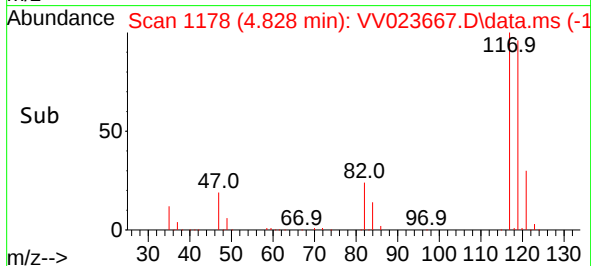
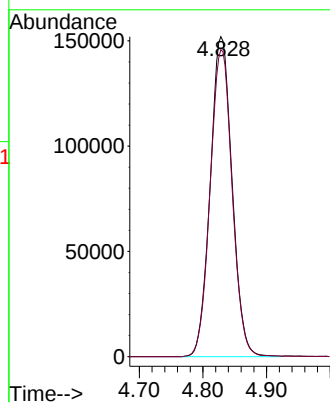
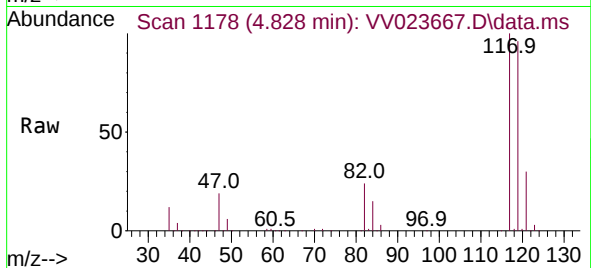




#31
Carbon tetrachloride
Concen: 21.708 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

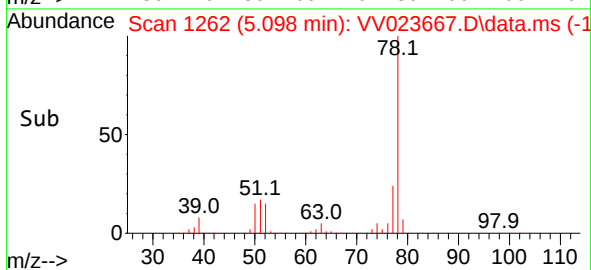
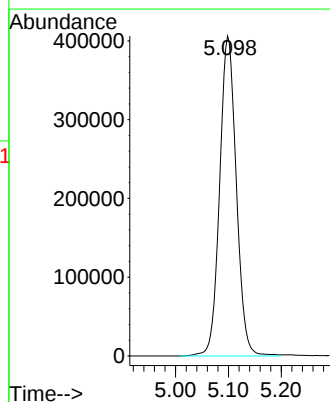
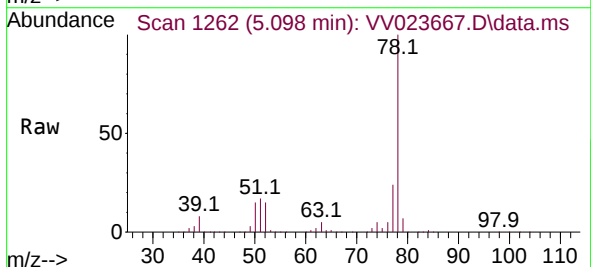
Instrument :
MSVOA_V
ClientSampleId :

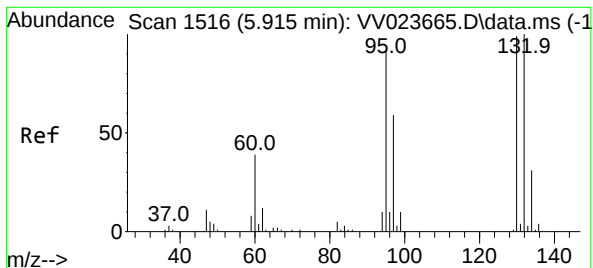
Tgt Ion:117 Resp: 362495
Ion Ratio Lower Upper
117 100
119 96.7 76.6 114.8



#33
Benzene
Concen: 21.234 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Tgt Ion: 78 Resp: 891018





#34

Trichloroethene

Concen: 21.096 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 236982

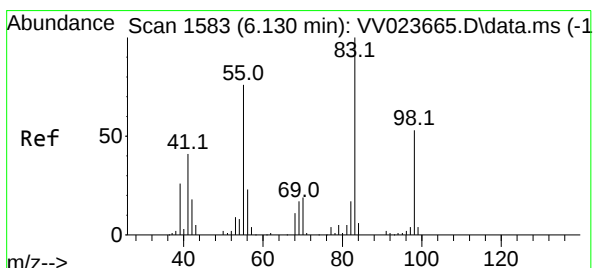
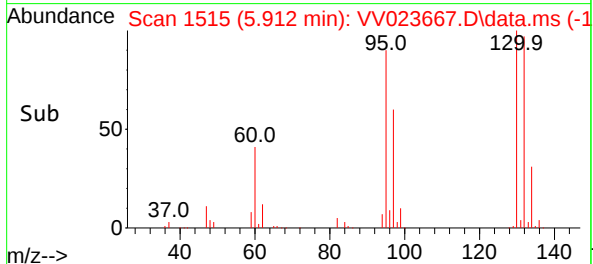
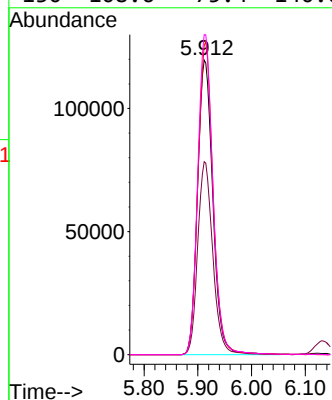
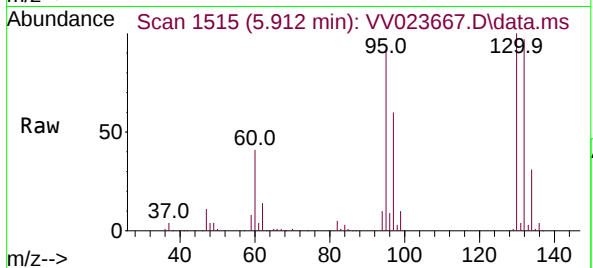
Ion Ratio Lower Upper

95 100

97 65.5 45.2 84.0

132 104.9 76.1 141.3

130 108.6 75.4 140.0



#35

Methylcyclohexane

Concen: 22.587 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

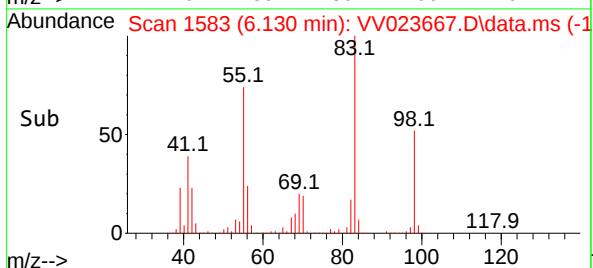
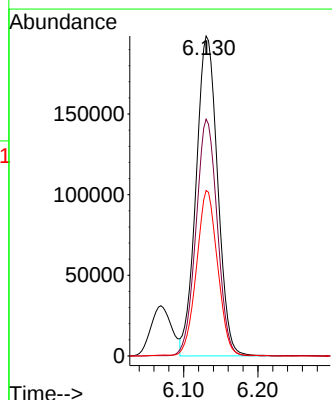
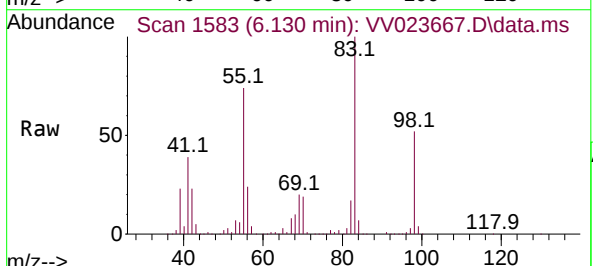
Tgt Ion: 83 Resp: 400257

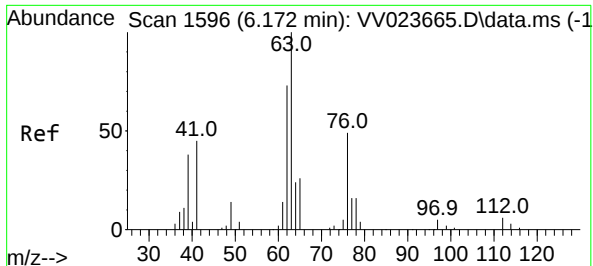
Ion Ratio Lower Upper

83 100

55 72.9 60.2 90.2

98 50.5 41.0 61.4





#37

1,2-Dichloropropane

Concen: 21.391 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

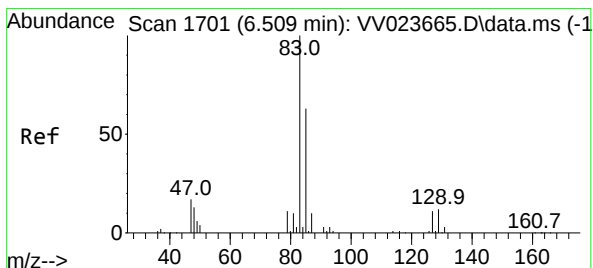
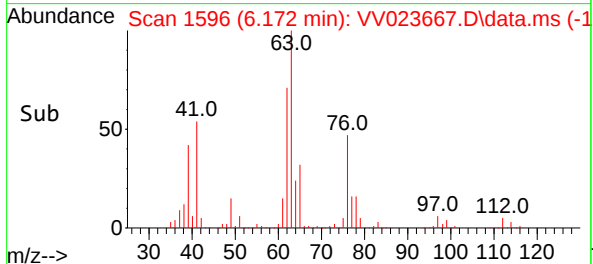
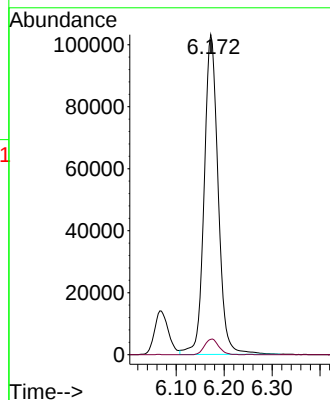
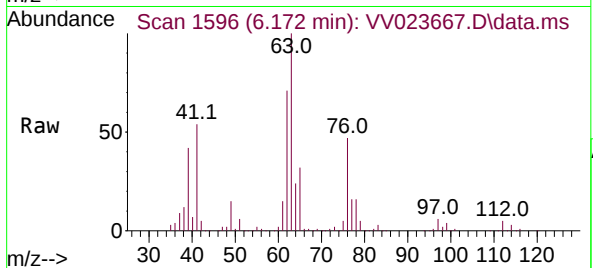
ClientSampleId :

Tgt Ion: 63 Resp: 208951

Ion Ratio Lower Upper

63 100

112 5.0 4.3 6.5



#38

Bromodichloromethane

Concen: 21.246 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

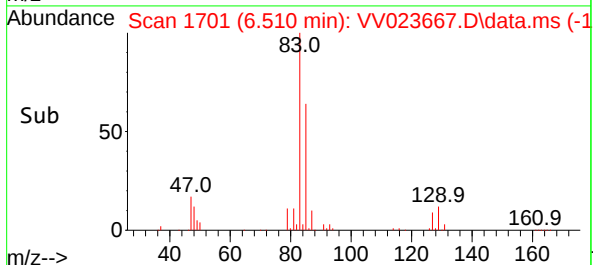
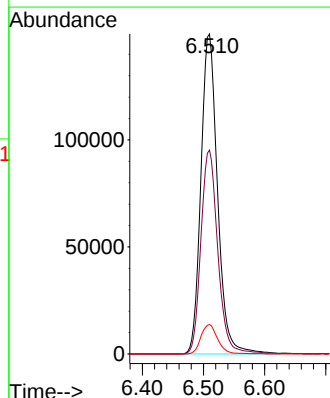
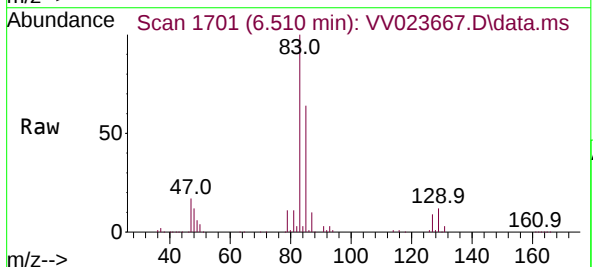
Tgt Ion: 83 Resp: 282878

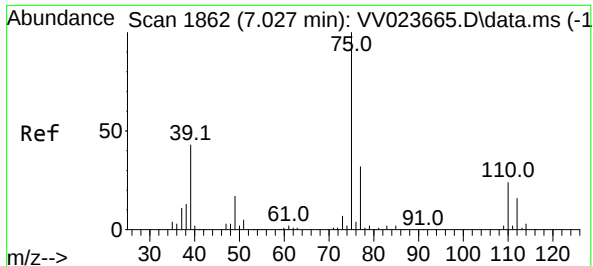
Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.8

127 9.2 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 23.155 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

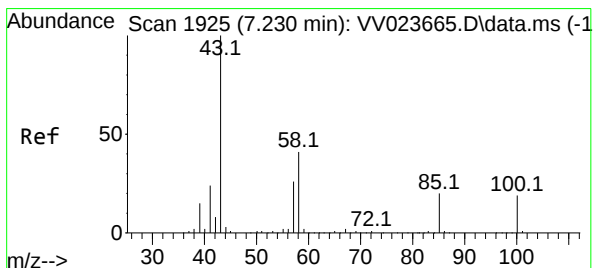
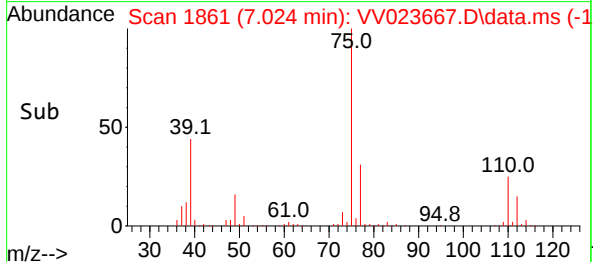
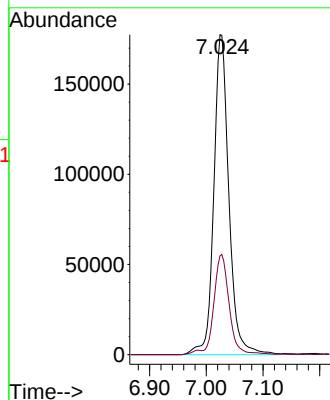
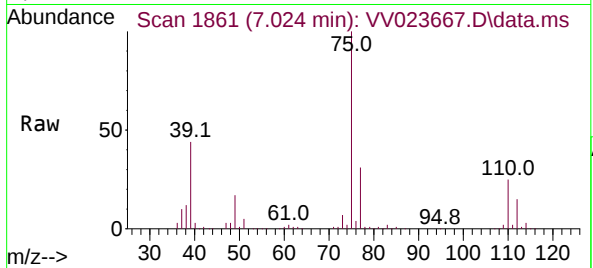
ClientSampleId :

Tgt Ion: 75 Resp: 328028

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 232.922 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

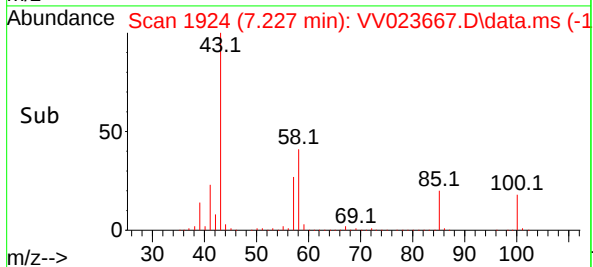
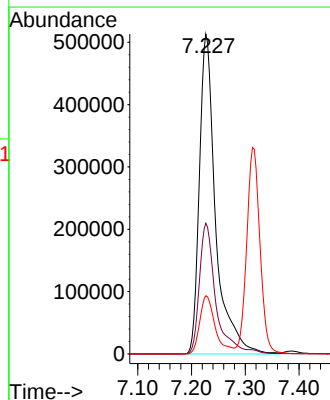
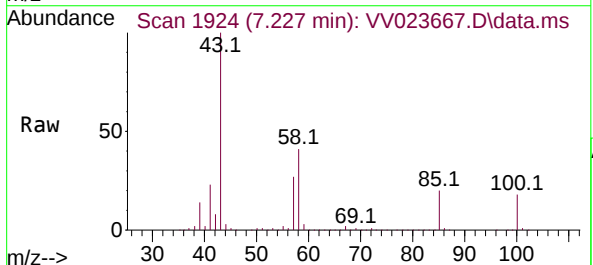
Tgt Ion: 43 Resp: 1078018

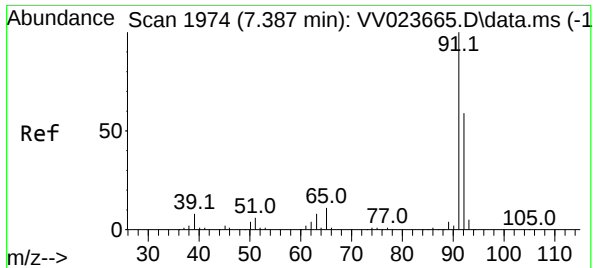
Ion Ratio Lower Upper

43 100

58 41.4 32.3 48.5

100 17.3 13.0 19.6

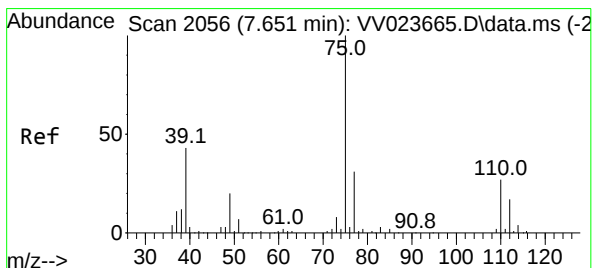
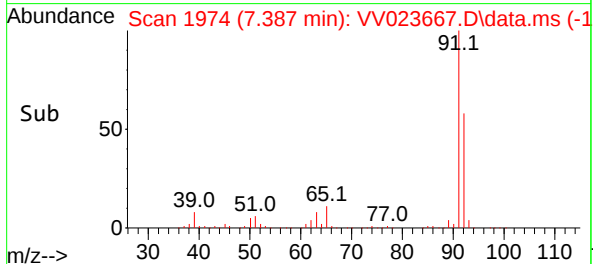
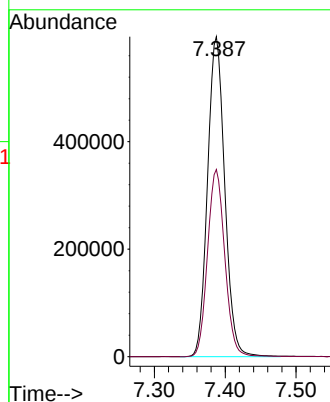
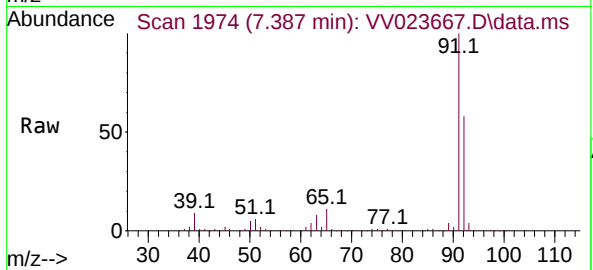




#42
Toluene
Concen: 22.200 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

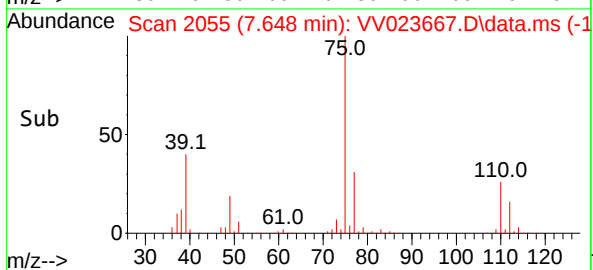
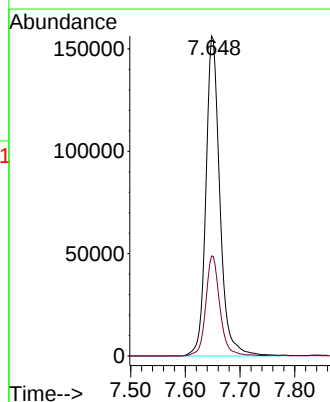
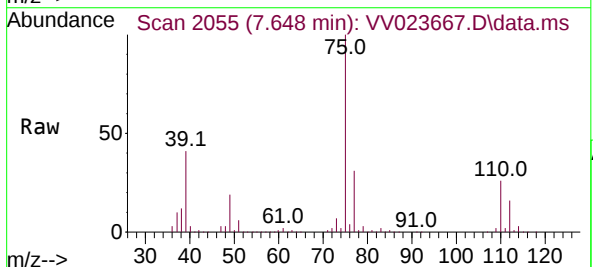
Instrument :
MSVOA_V
ClientSampleId :

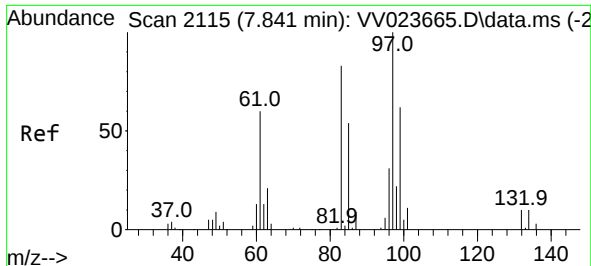
Tgt Ion: 91 Resp: 1004319
Ion Ratio Lower Upper
91 100
92 58.5 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 23.667 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

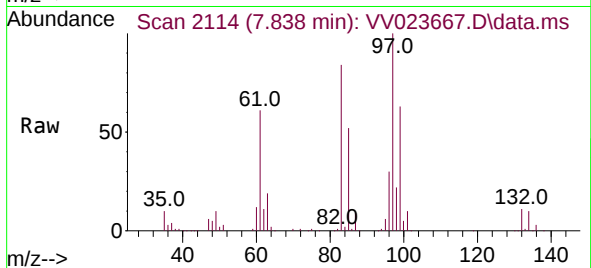
Tgt Ion: 75 Resp: 277227
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4





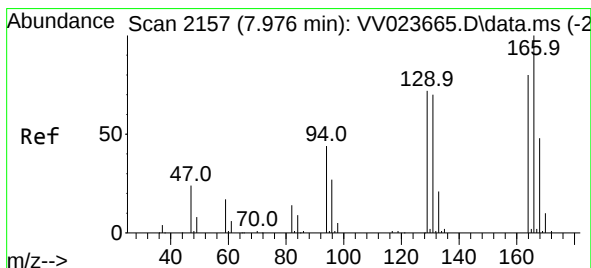
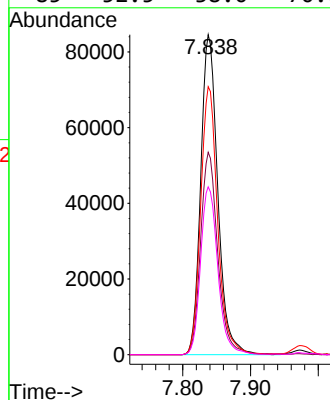
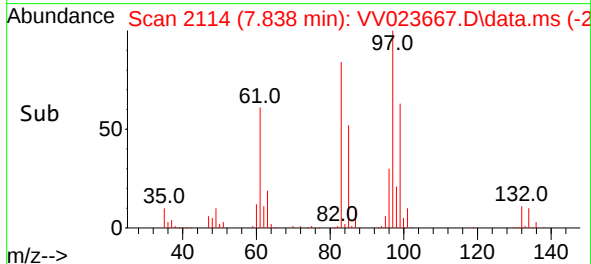
#45
1,1,2-Trichloroethane
Concen: 20.757 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Instrument :
MSVOA_V
ClientSampleId :

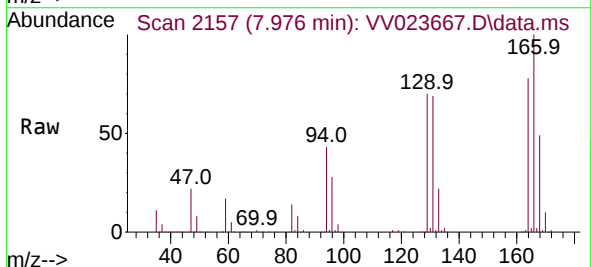


Tgt Ion: 97 Resp: 148055

Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.1	80.1
83	83.8	57.9	107.5
85	52.5	38.0	70.6

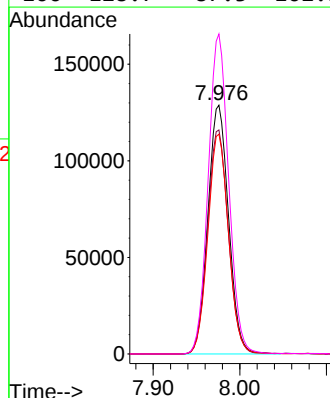
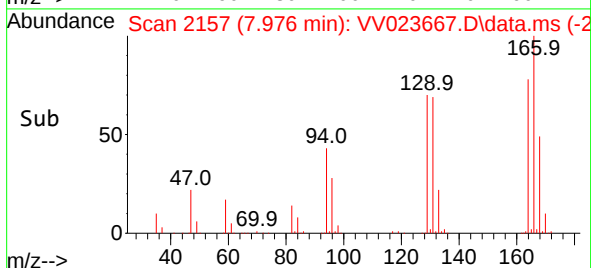


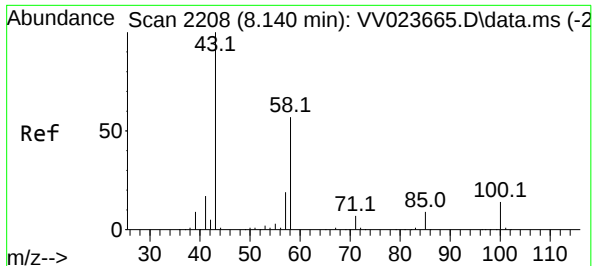
#47
Tetrachloroethene
Concen: 21.831 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09



Tgt Ion: 164 Resp: 214284

Ion	Ratio	Lower	Upper
164	100		
129	90.0	62.6	116.2
131	88.4	61.0	113.4
166	128.7	87.3	162.1



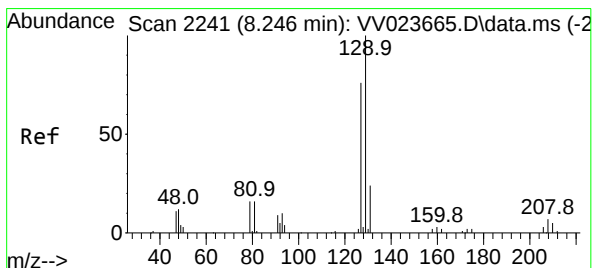
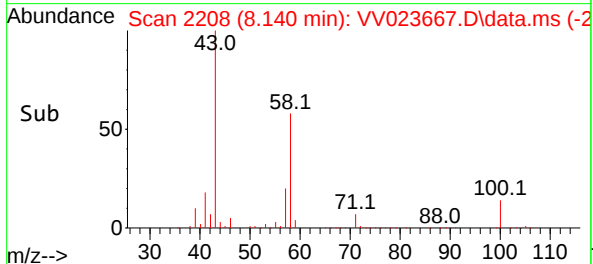
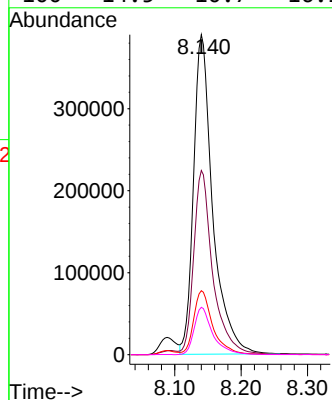
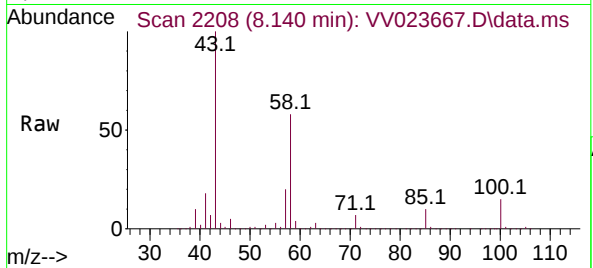


#48
2-Hexanone
Concen: 243.891 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 785165

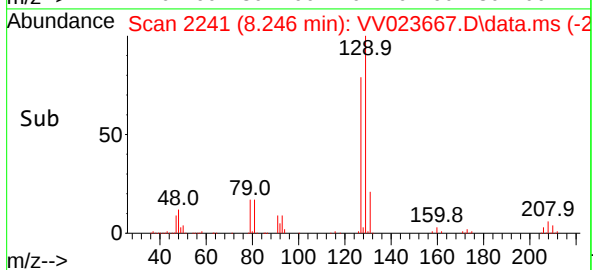
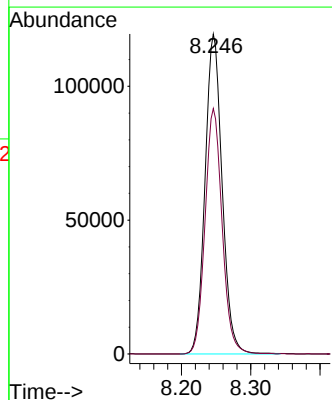
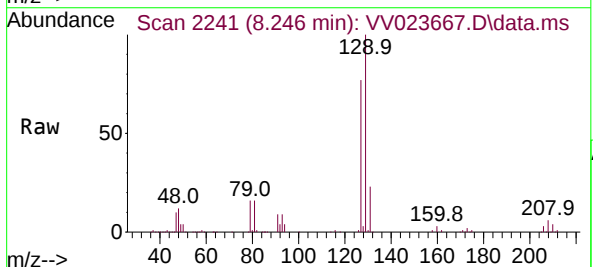
Ion	Ratio	Lower	Upper
43	100		
58	57.0	44.5	66.7
57	20.0	15.1	22.7
100	14.5	10.7	16.1

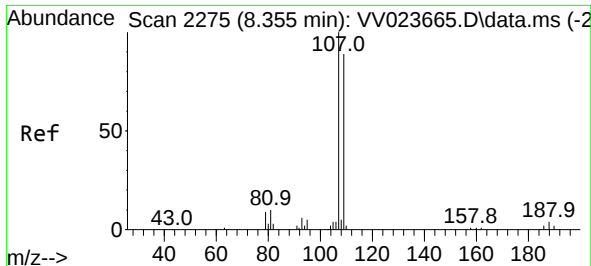


#49
Dibromochloromethane
Concen: 22.464 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Tgt Ion: 129 Resp: 204217

Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.5	99.3





#50

1,2-Dibromoethane

Concen: 21.771 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

ClientSampleId :

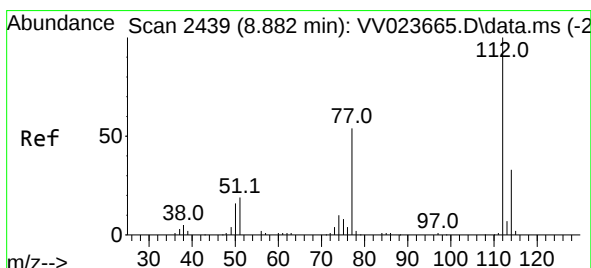
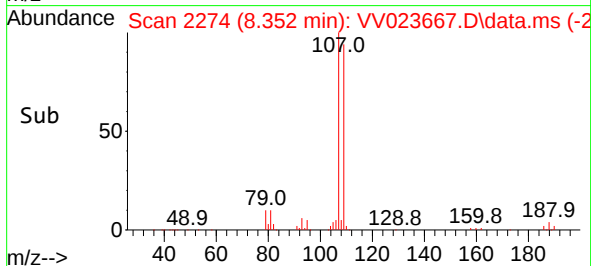
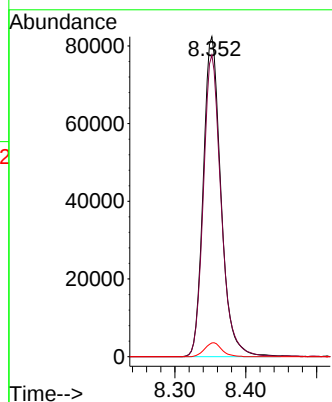
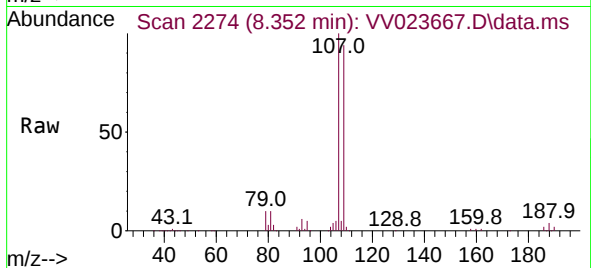
Tgt Ion:107 Resp: 143029

Ion Ratio Lower Upper

107 100

109 94.2 62.5 116.1

188 4.3 3.4 5.2



#51

Chlorobenzene

Concen: 21.353 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

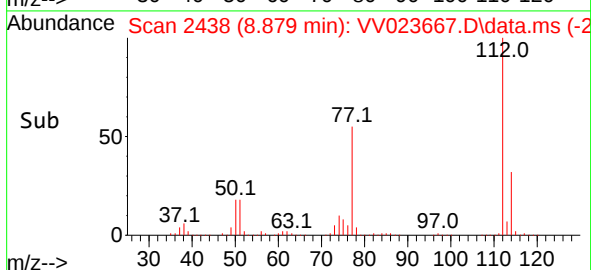
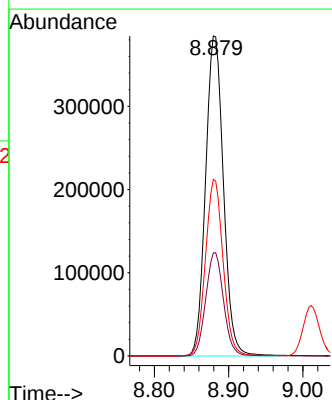
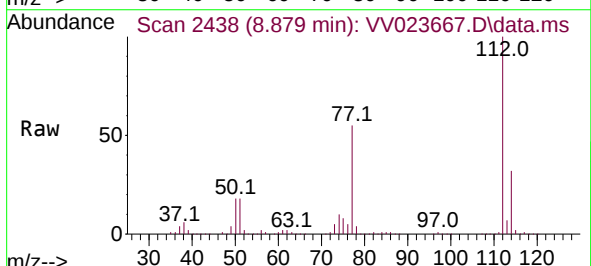
Tgt Ion:112 Resp: 641239

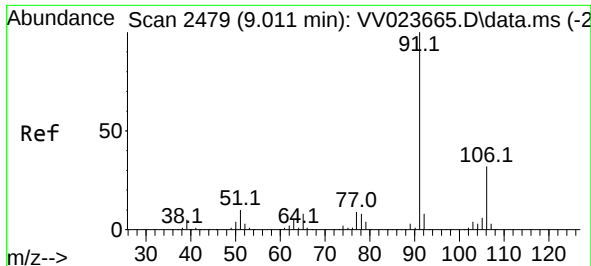
Ion Ratio Lower Upper

112 100

114 32.2 23.3 43.3

77 55.2 43.3 64.9

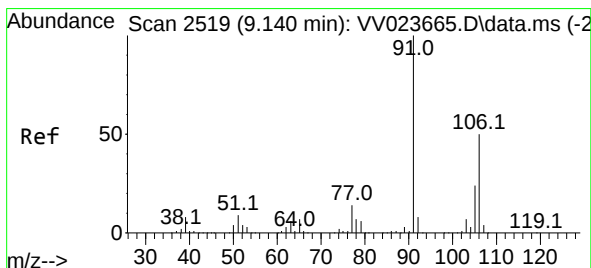
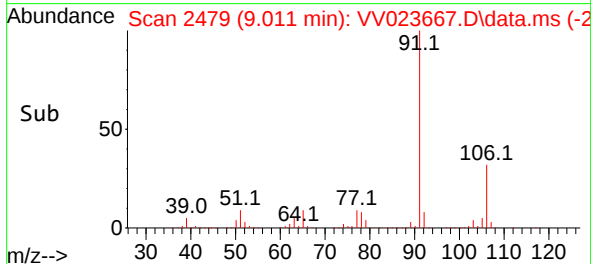
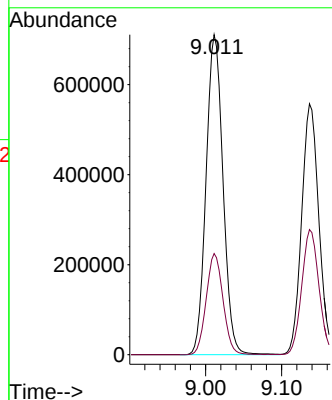
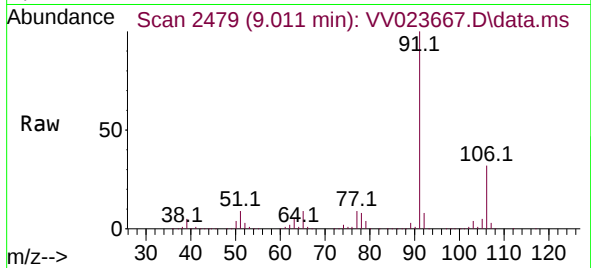




#52
Ethylbenzene
Concen: 23.011 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

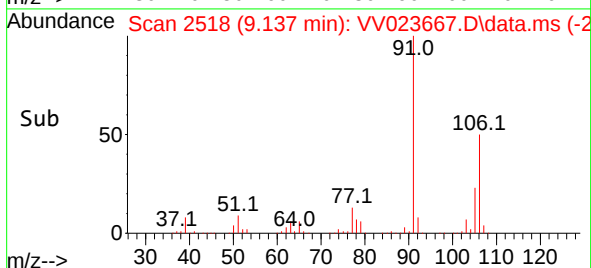
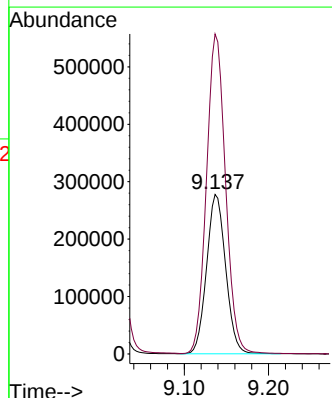
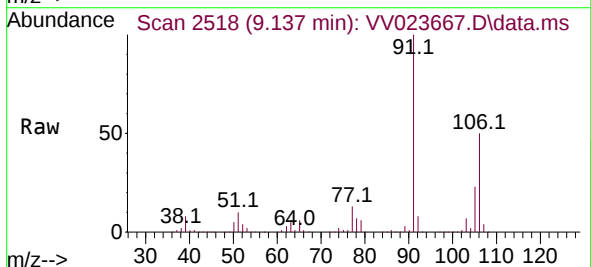
Instrument :
MSVOA_V
ClientSampleId :

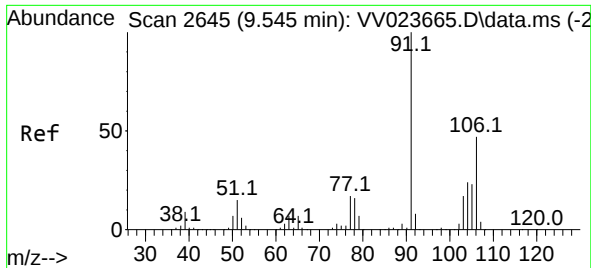
Tgt Ion: 91 Resp: 1099443
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0



#53
m,p-xylene
Concen: 23.146 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Tgt Ion: 106 Resp: 437339
Ion Ratio Lower Upper
106 100
91 200.6 139.5 259.1

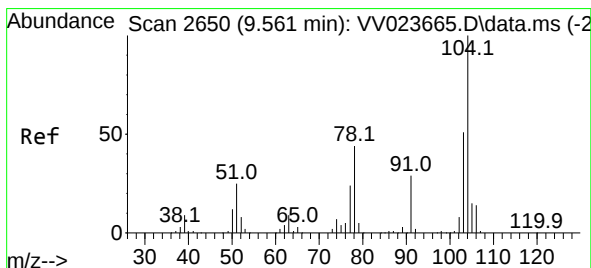
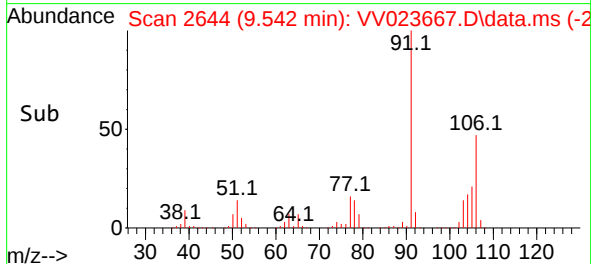
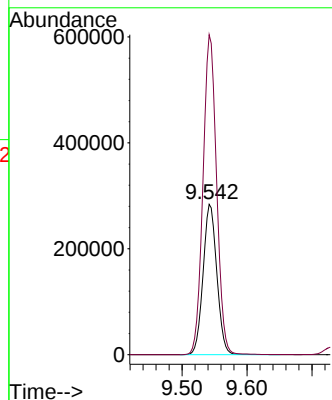
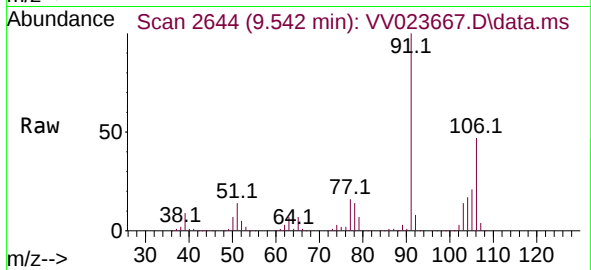




#54
o-xylene
Concen: 23.740 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

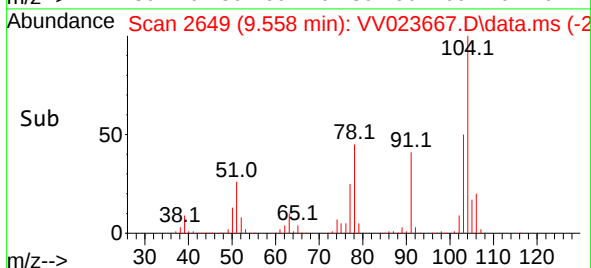
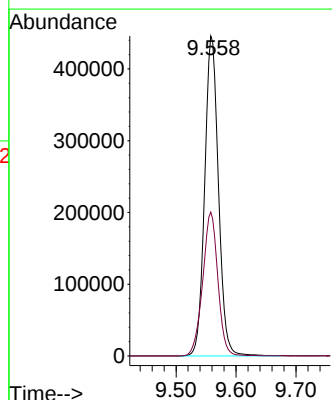
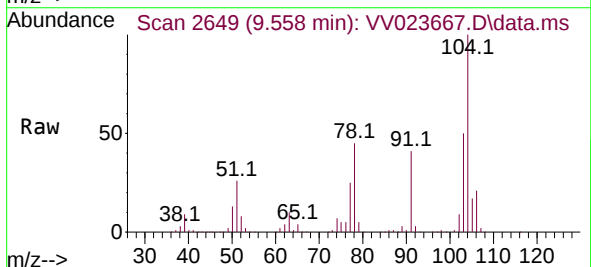
Instrument :
MSVOA_V
ClientSampleId :

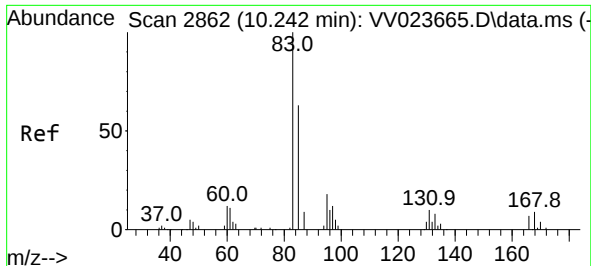
Tgt Ion:106 Resp: 418304
Ion Ratio Lower Upper
106 100
91 212.8 147.9 274.7



#55
Styrene
Concen: 23.606 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Tgt Ion:104 Resp: 714853
Ion Ratio Lower Upper
104 100
78 45.0 31.0 57.6

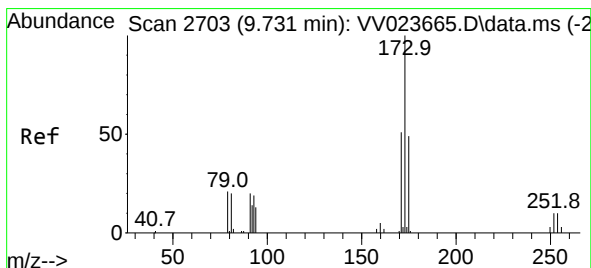
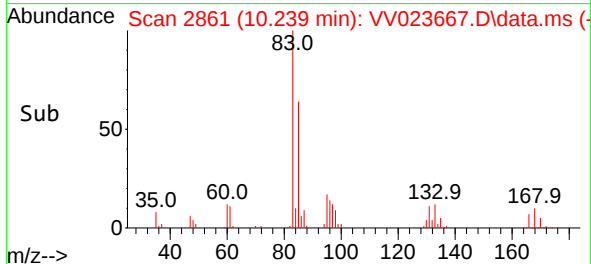
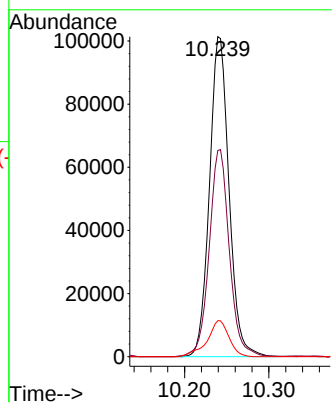
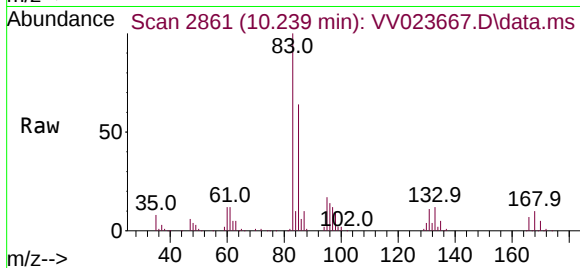




#57
1,1,2,2-Tetrachloroethane
Concen: 21.120 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

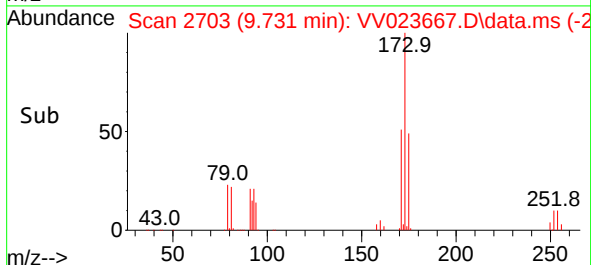
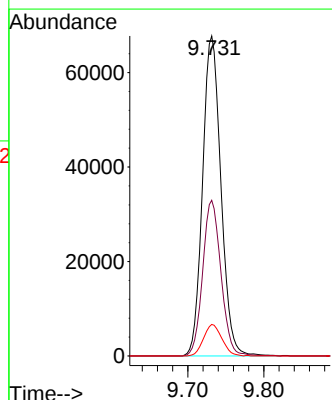
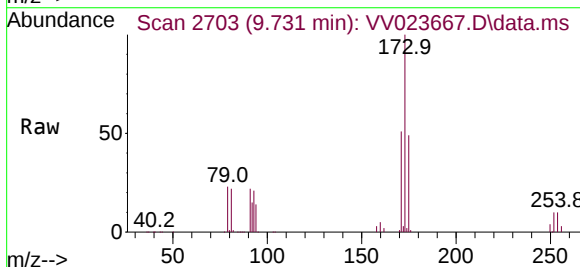
Instrument :
MSVOA_V
ClientSampleId :

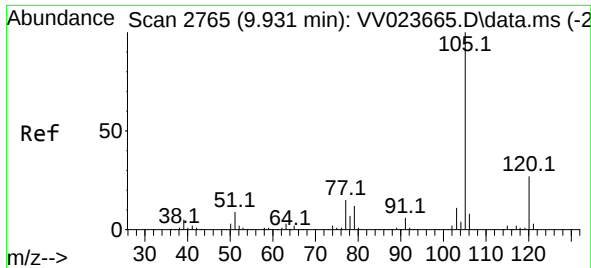
Tgt Ion: 83 Resp: 163692
Ion Ratio Lower Upper
83 100
85 64.5 44.6 82.8
131 11.3 8.3 12.5



#59
Bromoform
Concen: 21.502 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Tgt Ion: 173 Resp: 113837
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.2
254 9.8 7.4 11.0

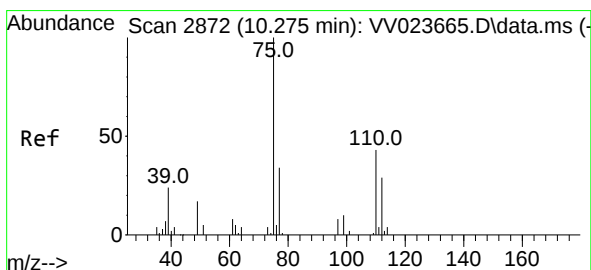
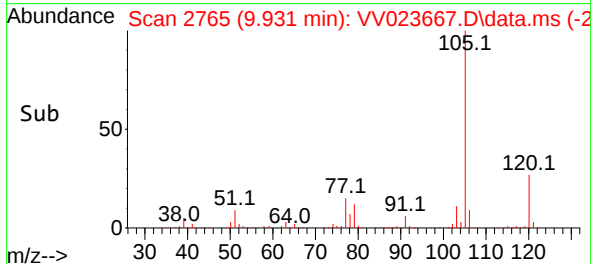
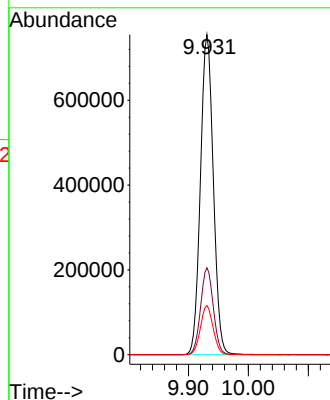
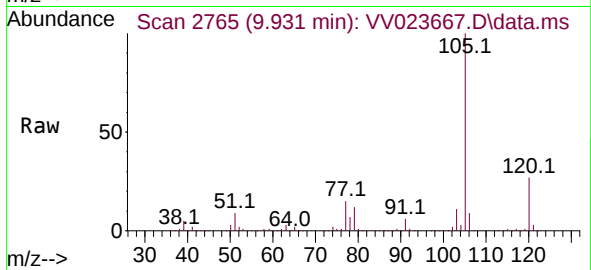




#60
Isopropylbenzene
Concen: 22.389 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

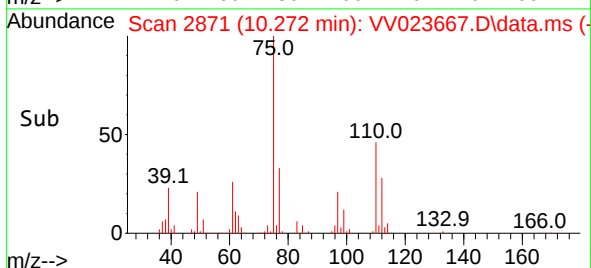
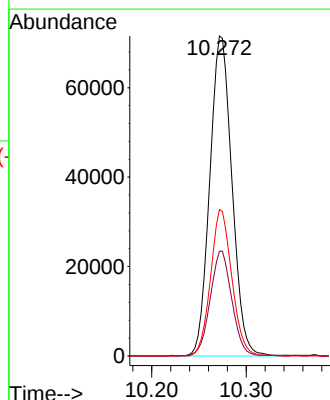
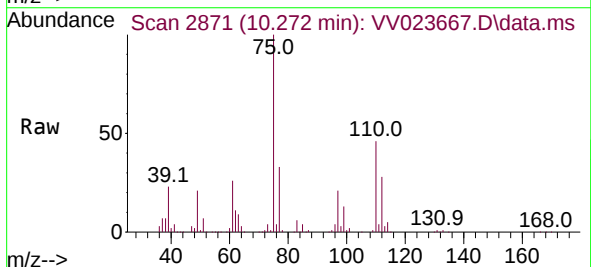
Instrument :
MSVOA_V
ClientSampleId :

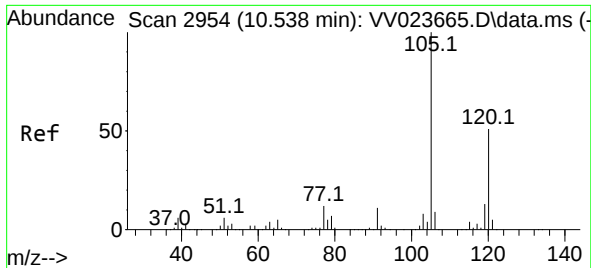
Tgt Ion:105 Resp: 1130065
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 20.125 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Tgt Ion: 75 Resp: 116682
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
110 43.9 34.2 51.2

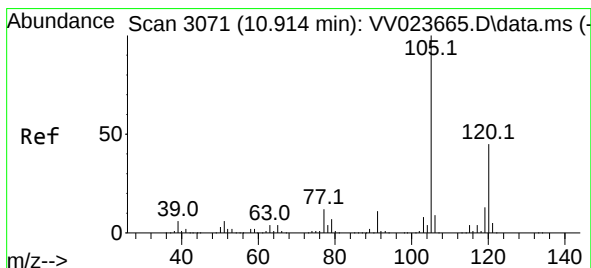
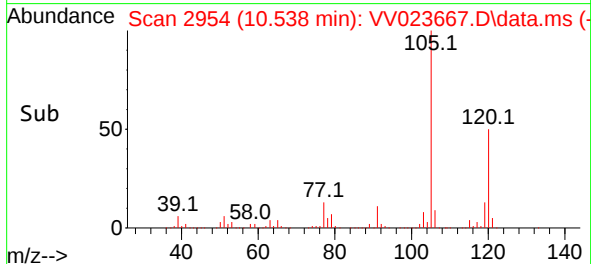
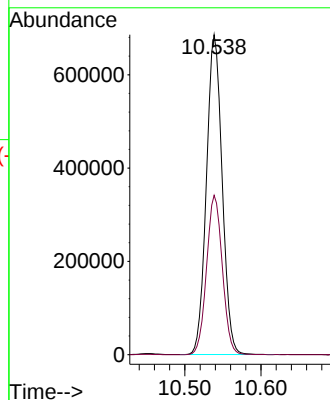
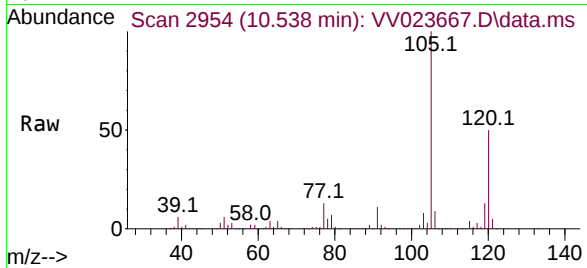




#62
 1,3,5-Trimethylbenzene
 Concen: 23.518 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

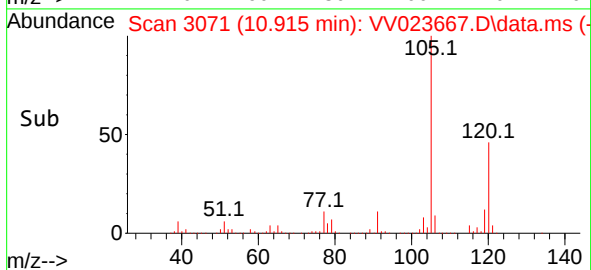
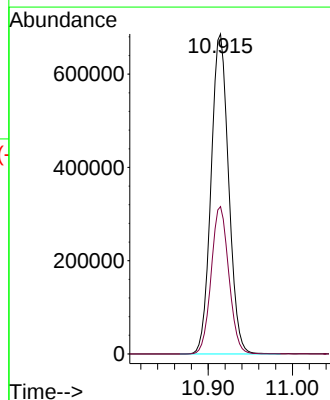
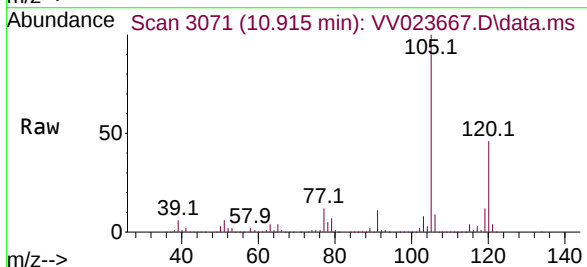
Instrument :
 MSVOA_V
 ClientSampleId :

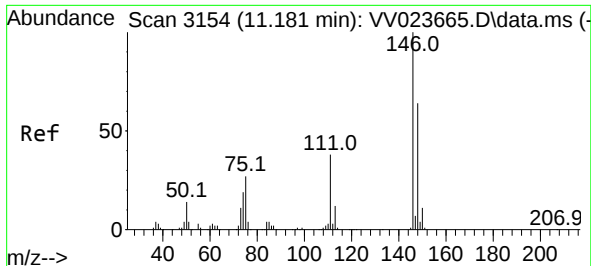
Tgt Ion:105 Resp: 984918
 Ion Ratio Lower Upper
 105 100
 120 49.9 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 23.837 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023667.D
 Acq: 23 Nov 2021 13:09

Tgt Ion:105 Resp: 994021
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.7 55.1

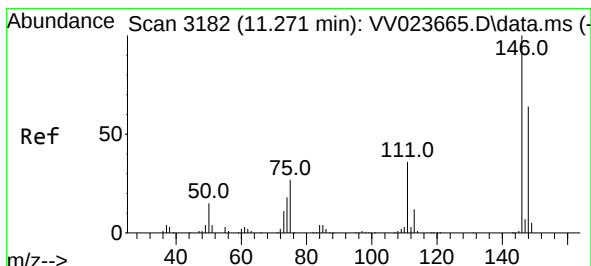
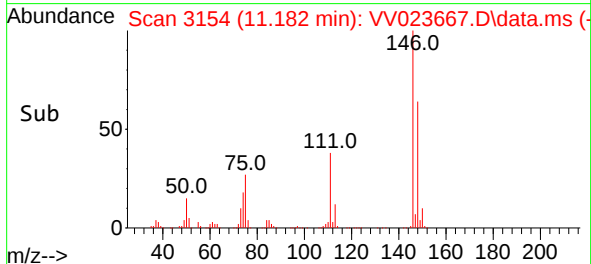
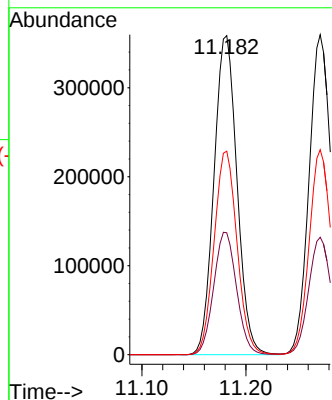
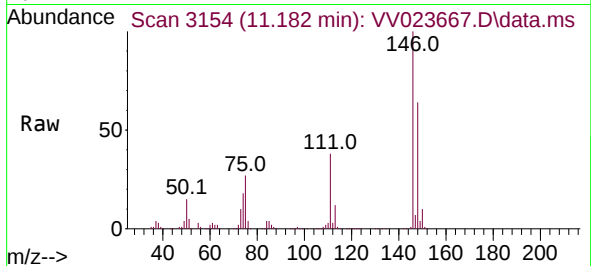




#64
1,3-Dichlorobenzene
Concen: 21.518 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

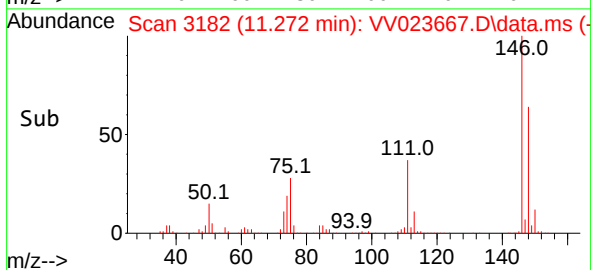
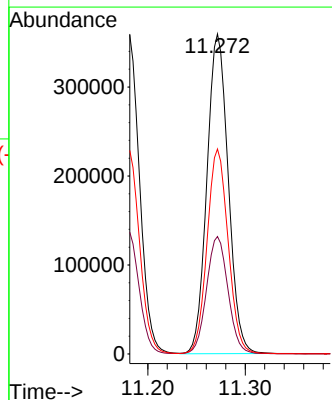
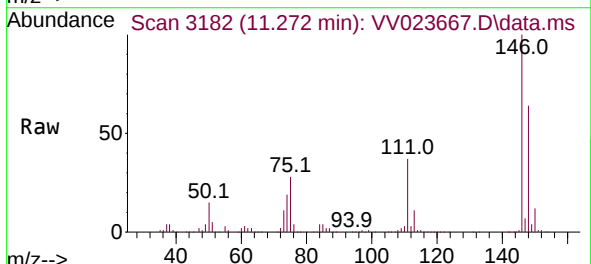
Instrument :
MSVOA_V
ClientSampleId :

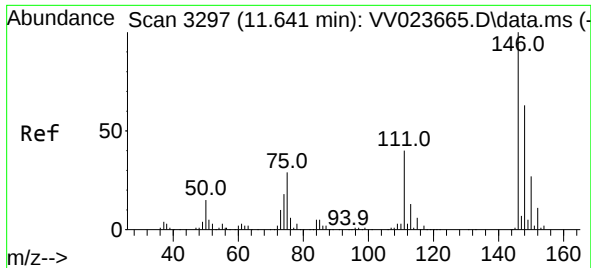
Tgt Ion:146 Resp: 552569
Ion Ratio Lower Upper
146 100
111 38.2 26.3 48.9
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 20.812 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023667.D
Acq: 23 Nov 2021 13:09

Tgt Ion:146 Resp: 544482
Ion Ratio Lower Upper
146 100
111 36.7 25.6 47.6
148 64.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 21.440 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

ClientSampleId :

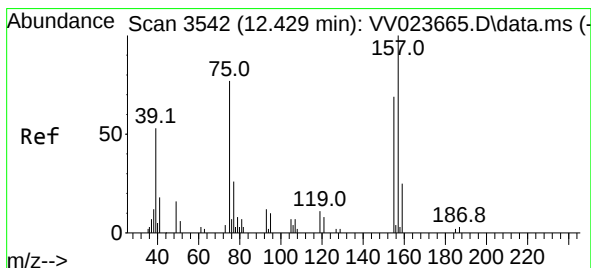
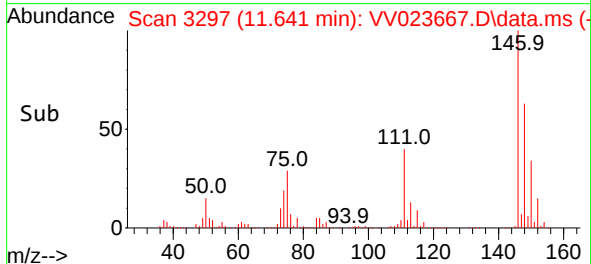
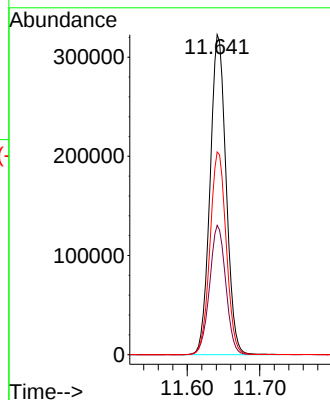
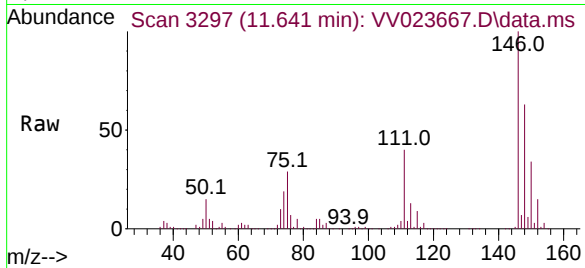
Tgt Ion:146 Resp: 495132

Ion Ratio Lower Upper

146 100

111 40.4 31.9 47.9

148 63.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 22.477 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

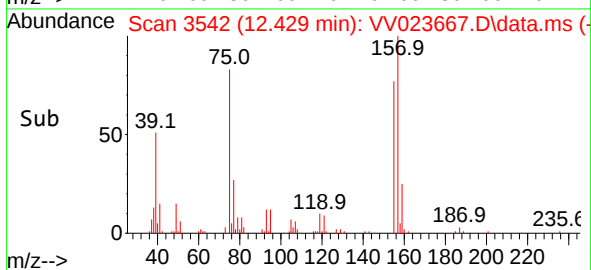
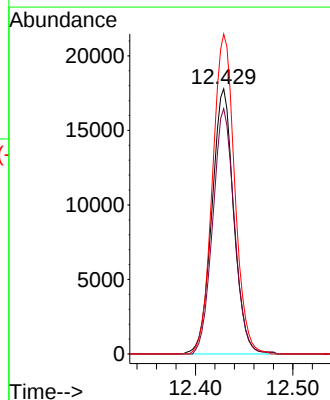
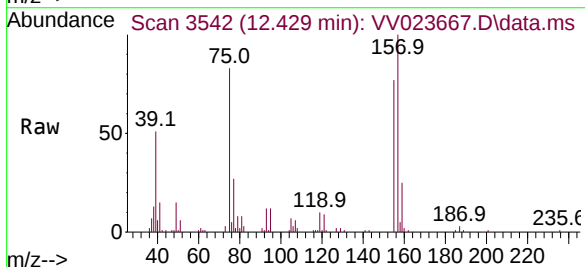
Tgt Ion: 75 Resp: 27649

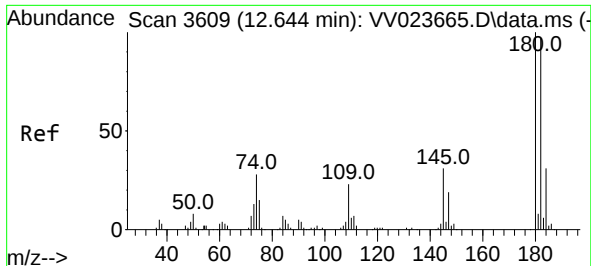
Ion Ratio Lower Upper

75 100

155 92.5 71.7 107.5

157 120.7 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 22.284 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

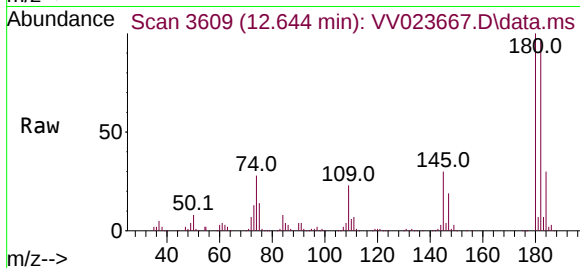
Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 450314

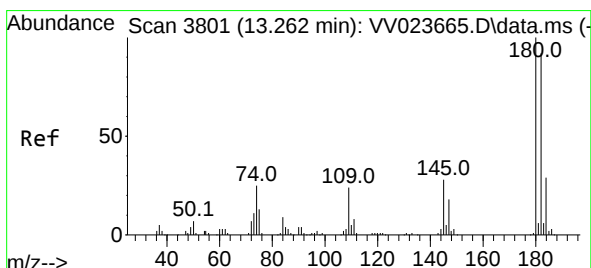
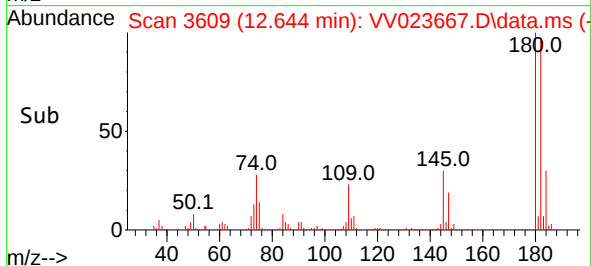
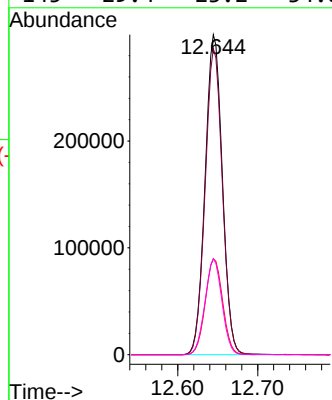
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

184 30.1 24.2 36.4

145 29.4 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 22.566 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

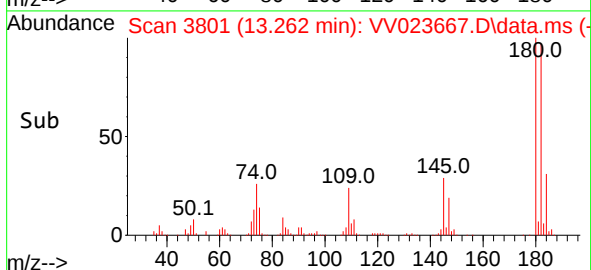
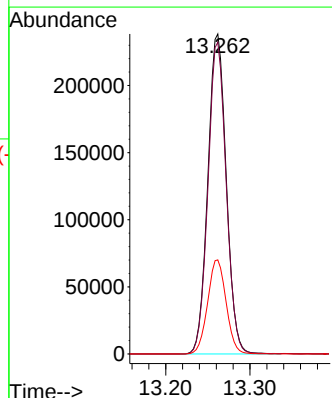
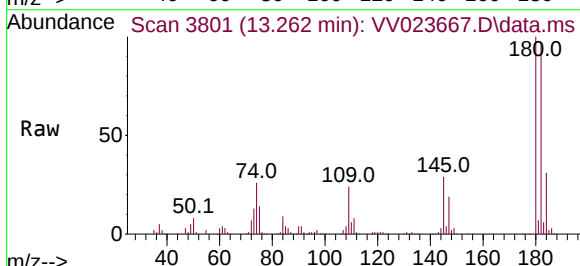
Tgt Ion:180 Resp: 362797

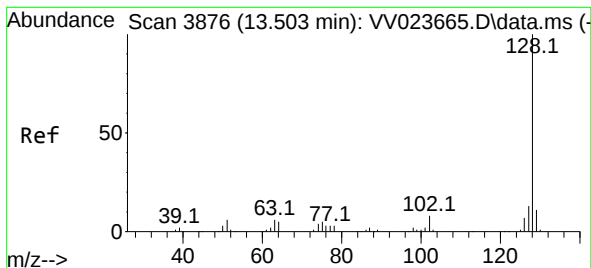
Ion Ratio Lower Upper

180 100

182 96.3 74.4 111.6

145 29.5 23.3 34.9





#71

Naphthalene

Concen: 23.080 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Instrument :

MSVOA_V

ClientSampleId :

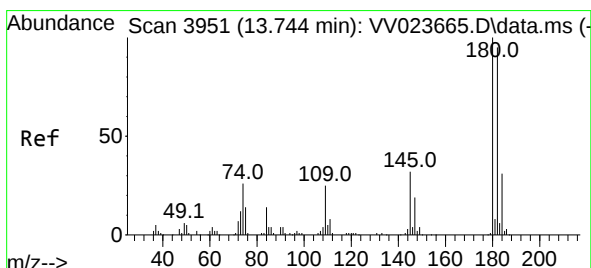
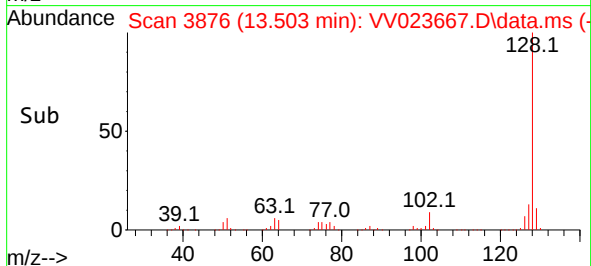
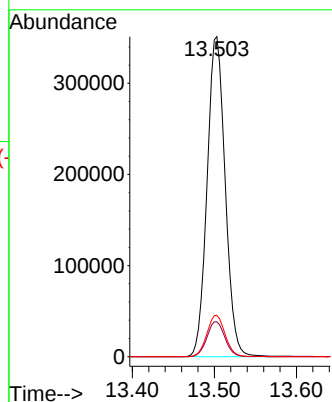
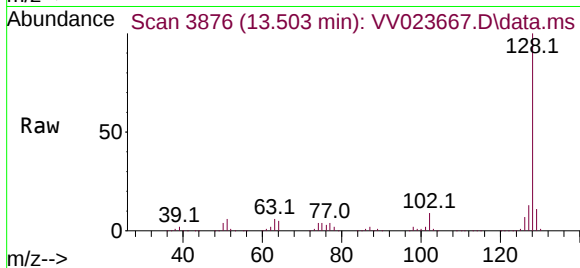
Tgt Ion:128 Resp: 537395

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 22.634 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023667.D

Acq: 23 Nov 2021 13:09

Tgt Ion:180 Resp: 317886

Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

145 31.0 25.8 38.6

