

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080921\
 Data File : VV021762.D
 Acq On : 09 Aug 2021 14:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 01:22:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 10 01:21:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	425180	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	400708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93893	35.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.320%
7) Chloroethane-d5	1.565	69	87575	39.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.540%
11) 1,1-Dichloroethene-d2	2.108	63	180792	37.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.720%
21) 2-Butanone-d5	3.873	46	231248	100.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.820%
24) Chloroform-d	4.346	84	263335	46.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
26) 1,2-Dichloroethane-d4	5.031	65	158322	46.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
32) Benzene-d6	5.050	84	517321	45.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
36) 1,2-Dichloropropane-d6	6.069	67	169666	47.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.260%
41) Toluene-d8	7.317	98	476961	45.390	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.780%
43) trans-1,3-Dichloroprop...	7.622	79	80418	45.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.540%
47) 2-Hexanone-d5	8.085	63	159000	101.297	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	226222	47.683	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.360%
66) 1,2-Dichlorobenzene-d4	11.625	152	201629	45.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	133639	47.492	ug/L	100
3) Chloromethane	1.240	50	129731	46.767	ug/L	100
5) Vinyl chloride	1.311	62	136710	48.364	ug/L	99
6) Bromomethane	1.520	94	77603	49.936	ug/L	99
8) Chloroethane	1.581	64	84993	49.154	ug/L	99
9) Trichlorofluoromethane	1.751	101	206888	50.282	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	108688	46.833	ug/L	100
12) 1,1-Dichloroethene	2.118	96	96251	45.239	ug/L	79
13) Acetone	2.166	43	140511	93.384	ug/L	99
14) Carbon disulfide	2.291	76	266965	46.816	ug/L	99
15) Methyl Acetate	2.426	43	155861	49.624	ug/L	100
16) Methylene chloride	2.503	84	147029	50.761	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	124272	49.501	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	442861	50.066	ug/L	100
19) 1,1-Dichloroethane	3.188	63	246626	50.373	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	146508	49.287	ug/L	99
22) 2-Butanone	3.957	43	221900	101.343	ug/L	100
23) Bromochloromethane	4.246	128	76749	48.060	ug/L	96
25) Chloroform	4.372	83	257055	50.041	ug/L	99

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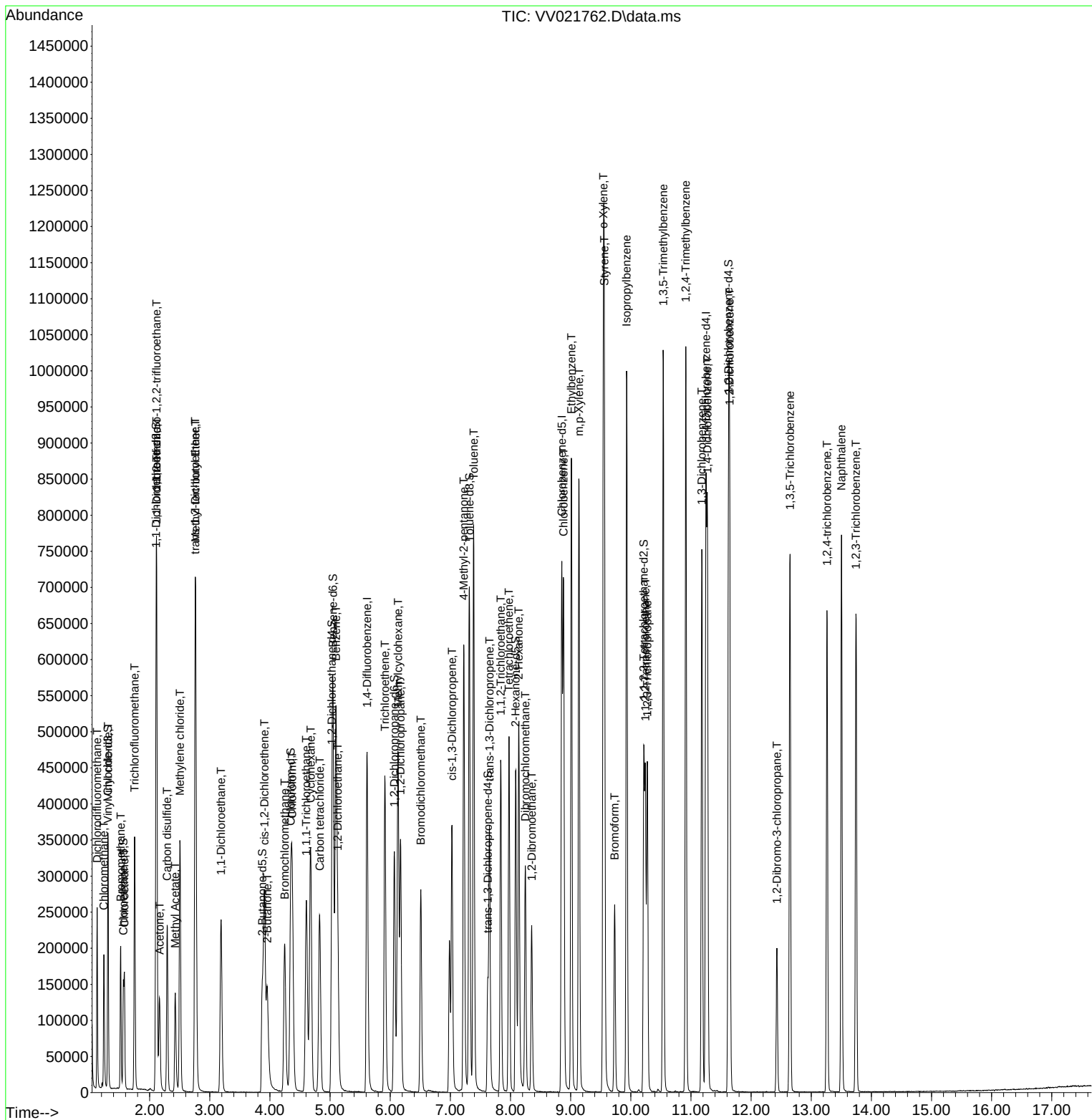
Instrument :
 MSVOA_V
 ClientSampleId :

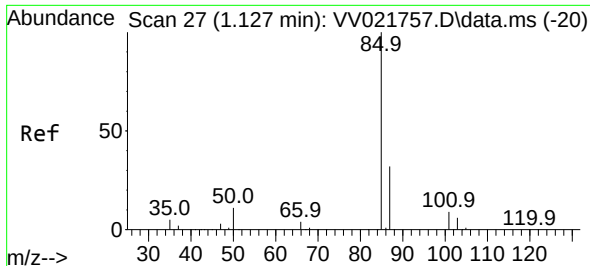
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	180157	49.607	ug/L	99
29) Cyclohexane	4.677	56	194840	48.598	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	222943	49.286	ug/L	99
31) Carbon tetrachloride	4.828	117	190511	48.948	ug/L	98
33) Benzene	5.098	78	535248	49.671	ug/L	100
34) Trichloroethene	5.912	95	151157	49.508	ug/L	99
35) Methylcyclohexane	6.130	83	208592	50.113	ug/L	99
37) 1,2-Dichloropropane	6.172	63	140142	48.809	ug/L	100
38) Bromodichloromethane	6.510	83	189836	48.421	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	221222	48.624	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	416789	99.643	ug/L	100
42) Toluene	7.387	91	575545	49.537	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	212738	48.780	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	145610	49.799	ug/L	99
46) Tetrachloroethene	7.976	164	112436	49.832	ug/L	98
48) 2-Hexanone	8.137	43	315672	98.465	ug/L	99
49) Dibromochloromethane	8.246	129	163396	49.063	ug/L	100
50) 1,2-Dibromoethane	8.352	107	153197	49.311	ug/L	100
51) Chlorobenzene	8.883	112	386482	49.783	ug/L	99
52) Ethylbenzene	9.011	91	629737	49.921	ug/L	99
53) m,p-Xylene	9.140	106	245388	50.118	ug/L	98
54) o-Xylene	9.545	106	243337	49.388	ug/L	99
55) Styrene	9.561	104	418617	50.711	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	210096	48.137	ug/L	99
59) Bromoform	9.731	173	119023	48.250	ug/L	99
60) Isopropylbenzene	9.931	105	654040	49.634	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	183009	48.273	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	547863	49.104	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	557937	49.137	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	310736	48.937	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	310245	48.554	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	316967	48.869	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	45744	45.834	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	234133	49.551	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	202000	50.708	ug/L	99
71) Naphthalene	13.503	128	600837	52.100	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205171	51.835	ug/L	99

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

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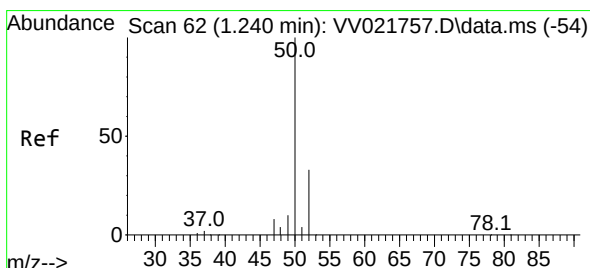
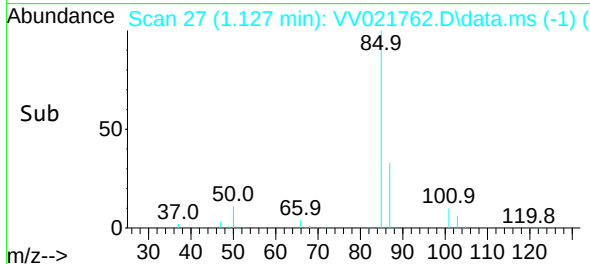
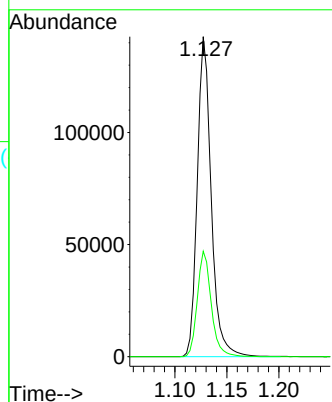
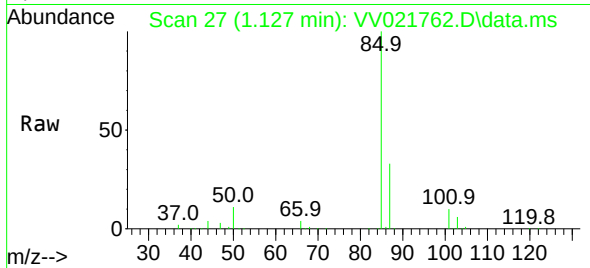




#2
 Dichlorodifluoromethane
 Concen: 47.492 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021762.D
 Acq: 09 Aug 2021 14:02

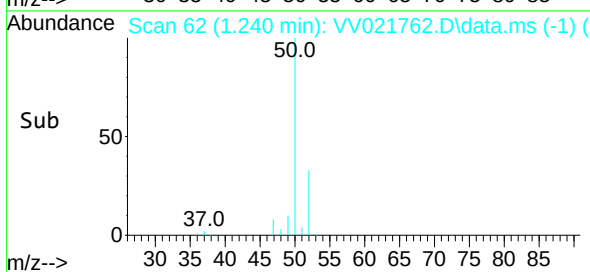
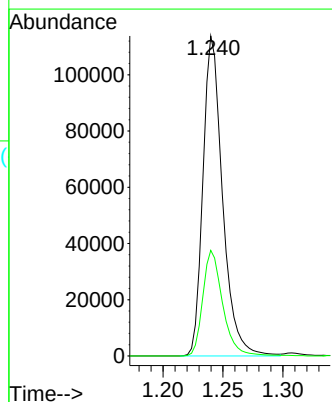
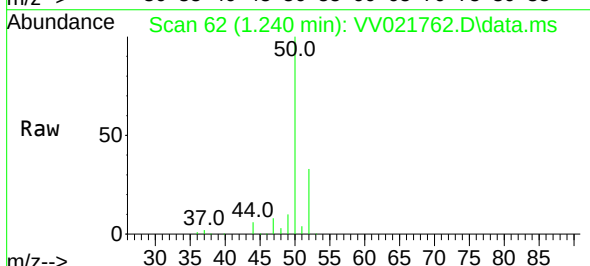
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 MSVOA_V
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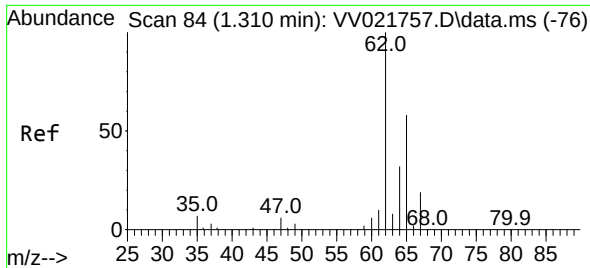
Tgt Ion: 85 Resp: 133639
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.2 39.4



#3
 Chloromethane
 Concen: 46.767 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021762.D
 Acq: 09 Aug 2021 14:02

Tgt Ion: 50 Resp: 129731
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.1 42.9

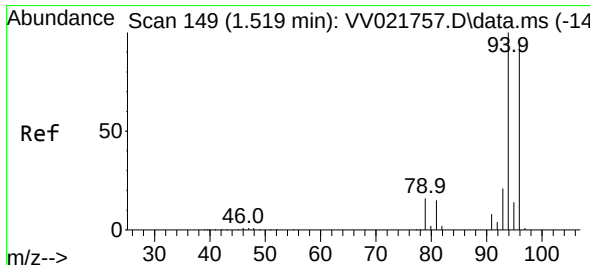
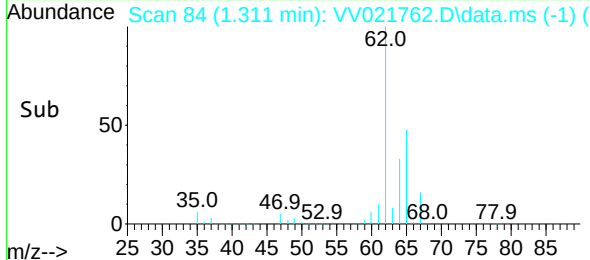
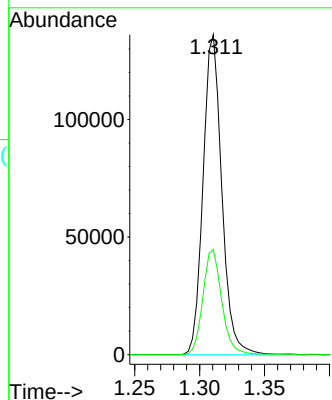
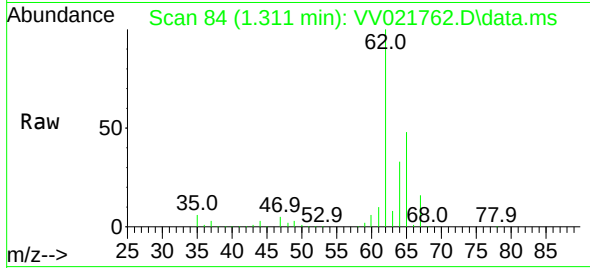




#5
 Vinyl chloride
 Concen: 48.364 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021762.D
 Acq: 09 Aug 2021 14:02

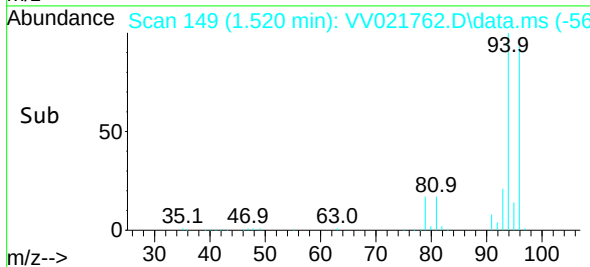
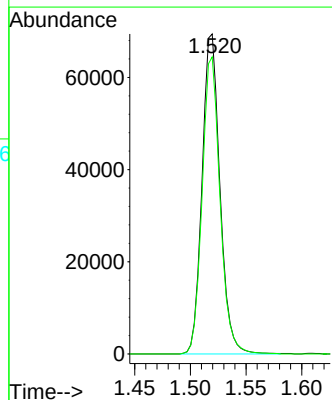
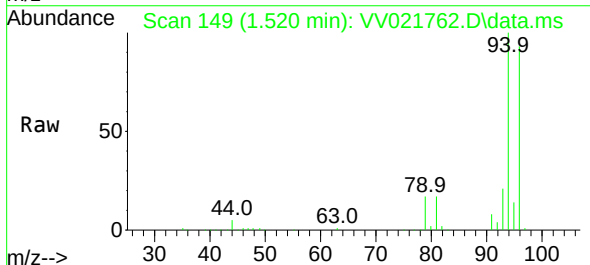
Instrument :
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 ClientSampled :

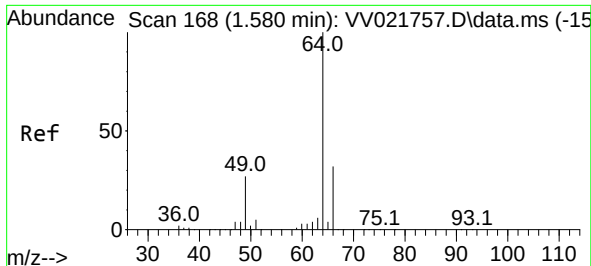
Tgt Ion: 62 Resp: 136710
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#6
 Bromomethane
 Concen: 49.936 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV021762.D
 Acq: 09 Aug 2021 14:02

Tgt Ion: 94 Resp: 77603
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.4 121.4

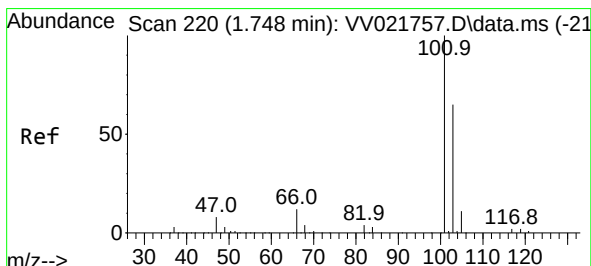
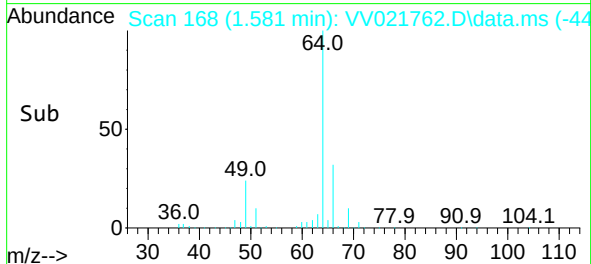
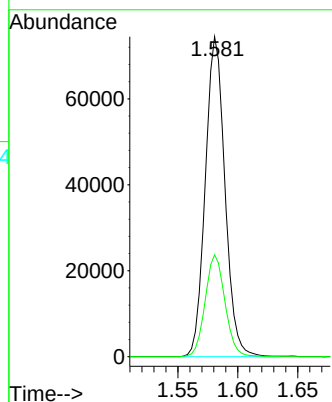
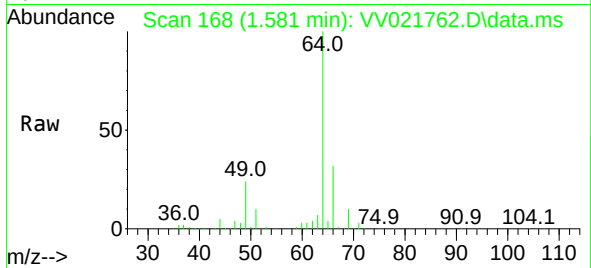




#8
Chloroethane
Concen: 49.154 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

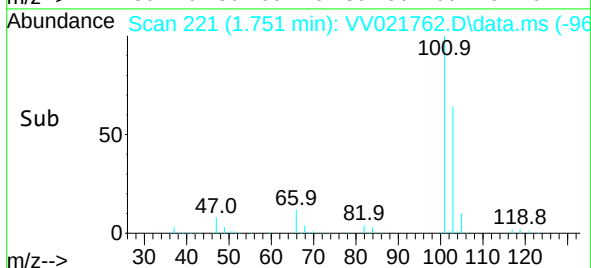
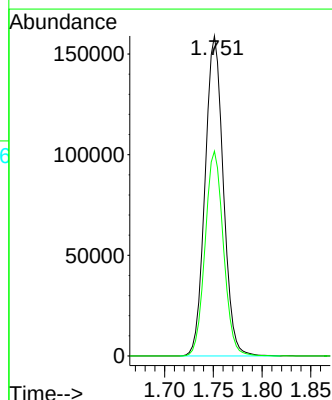
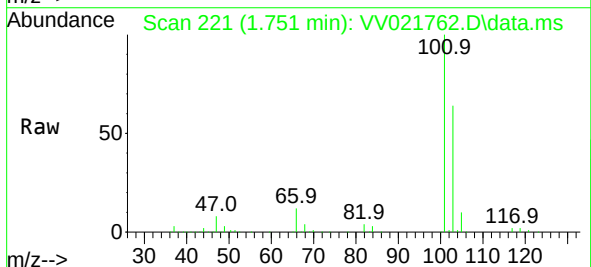
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ClientSampleId :

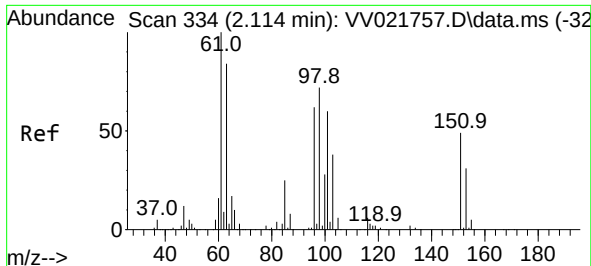
Tgt Ion: 64 Resp: 84993
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 50.282 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion:101 Resp: 206888
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3





#10

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

Concen: 46.833 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

Tgt Ion:101 Resp: 108688

Ion Ratio Lower Upper

101 100

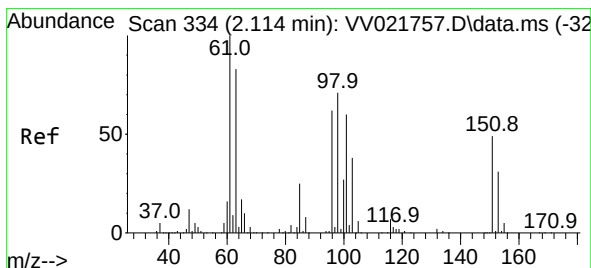
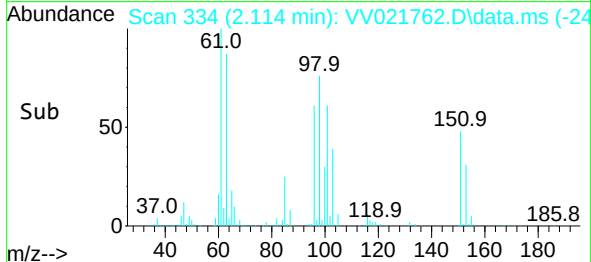
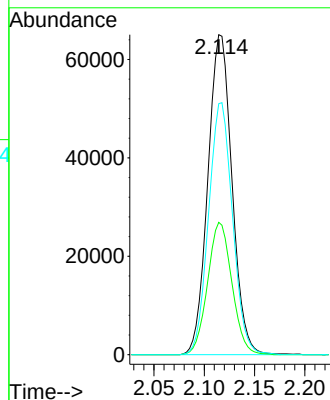
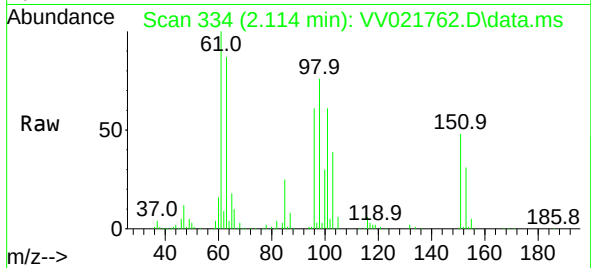
85 41.6 33.7 50.5

151 78.4 62.7 94.1

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 45.239 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

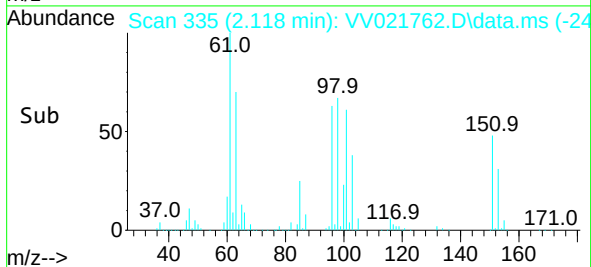
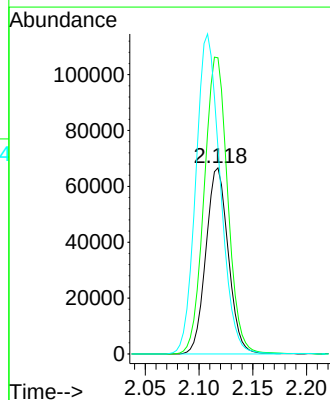
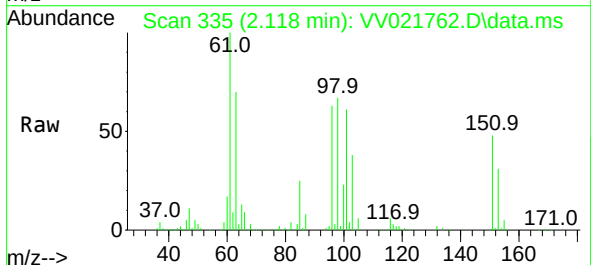
Tgt Ion: 96 Resp: 96251

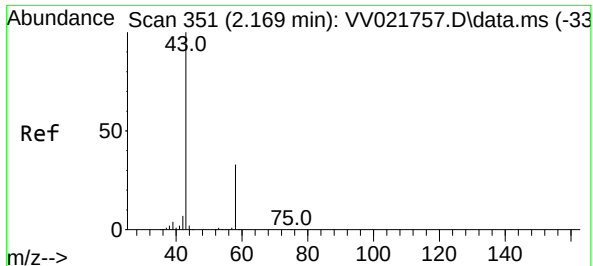
Ion Ratio Lower Upper

96 100

61 159.2 118.2 219.4

63 111.1 110.9 205.9

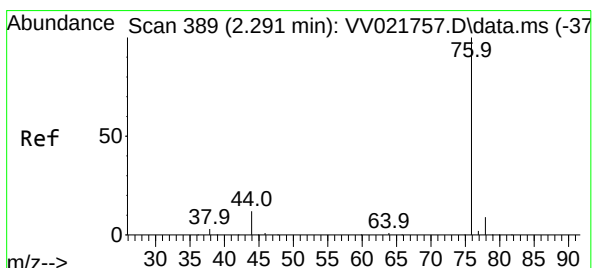
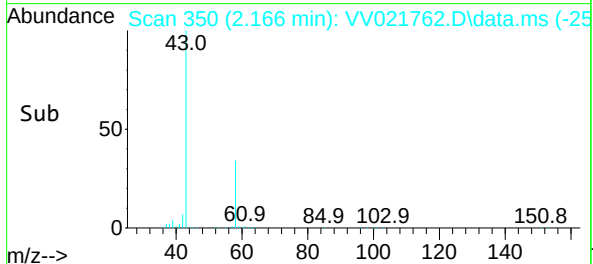
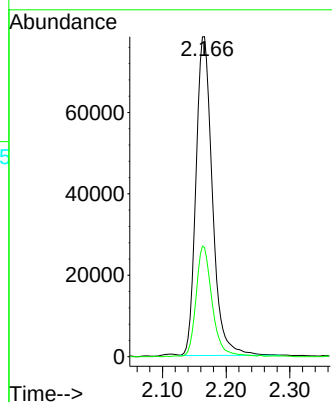
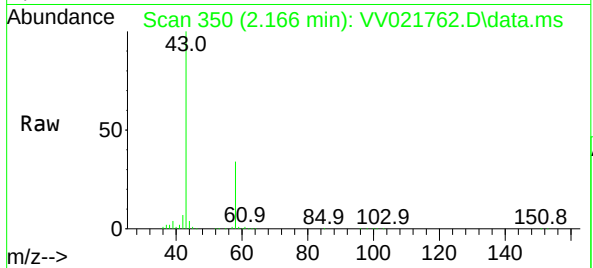




#13
Acetone
Concen: 93.384 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.003 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

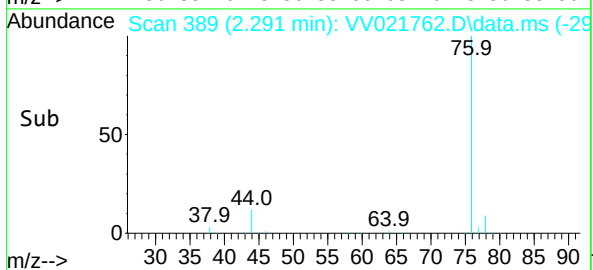
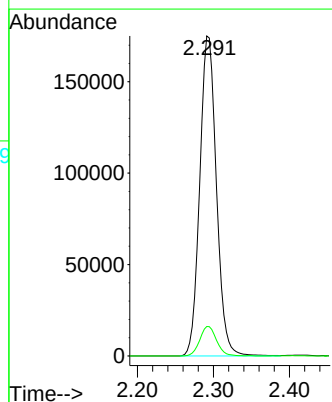
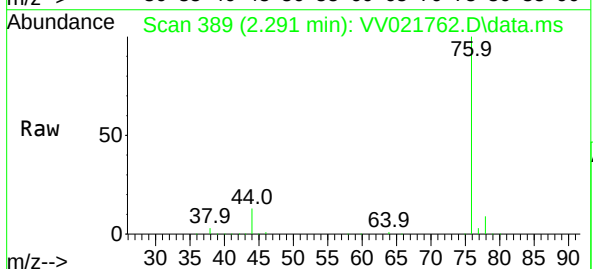
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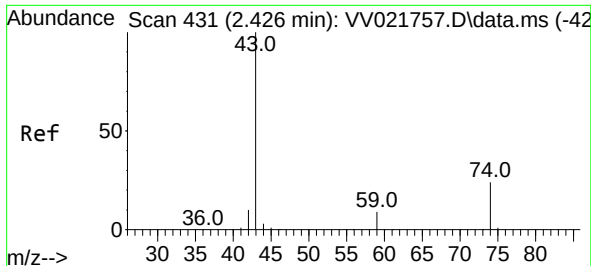
Tgt Ion: 43 Resp: 140511
Ion Ratio Lower Upper
43 100
58 33.6 0.0 66.2



#14
Carbon disulfide
Concen: 46.816 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 76 Resp: 266965
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

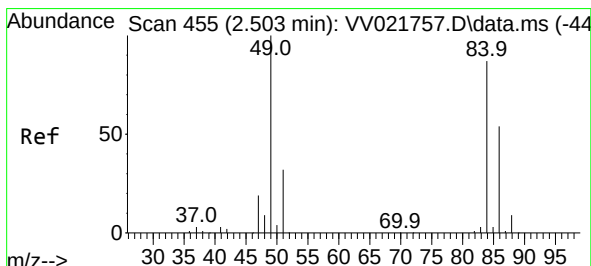
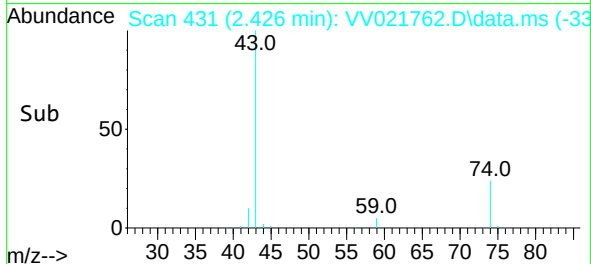
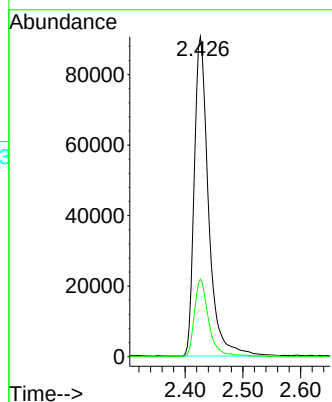
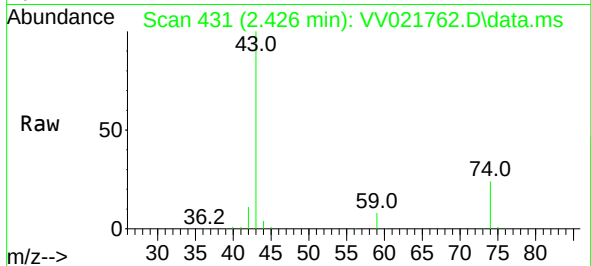




#15
Methyl Acetate
Concen: 49.624 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

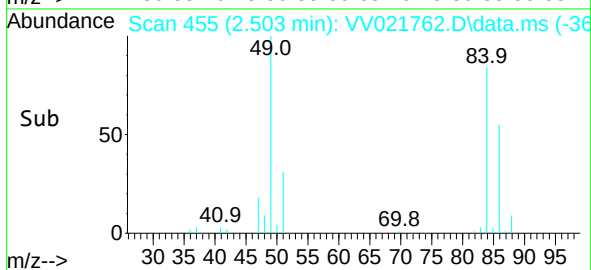
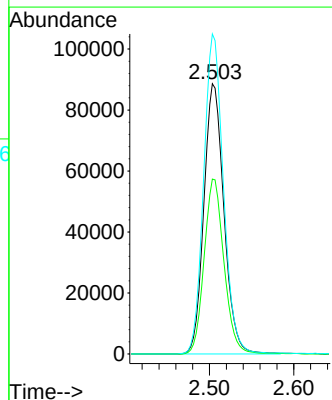
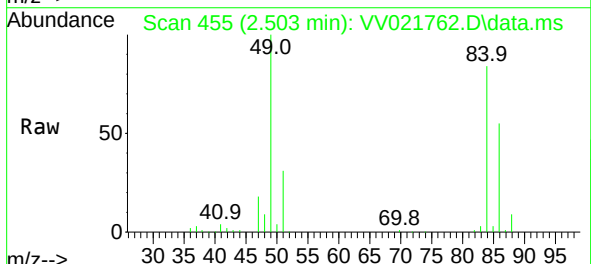
Instrument :
MSVOA_V
ClientSampled :

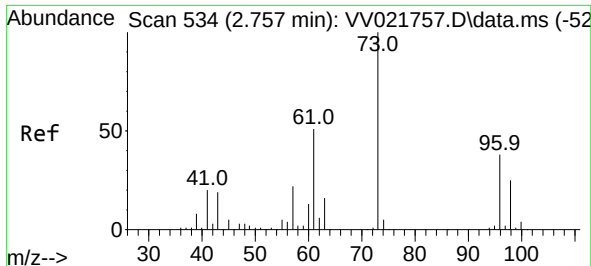
Tgt Ion: 43 Resp: 155861
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.4



#16
Methylene chloride
Concen: 50.761 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 84 Resp: 147029
Ion Ratio Lower Upper
84 100
86 64.7 44.2 82.2
49 118.4 83.4 155.0

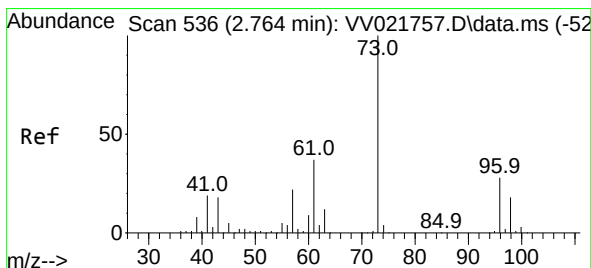
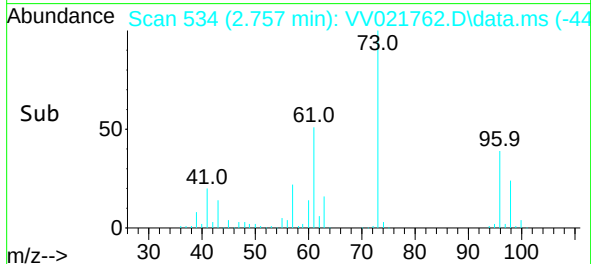
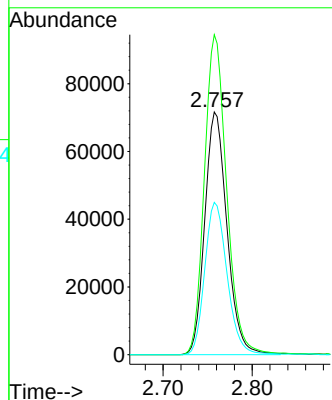
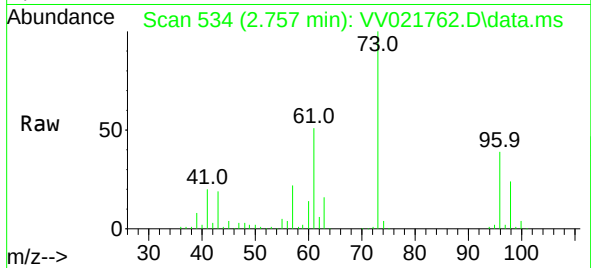




#17
trans-1,2-Dichloroethene
Concen: 49.501 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

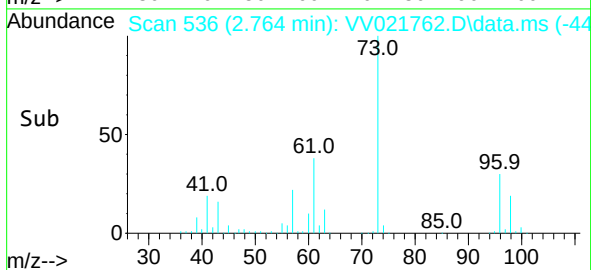
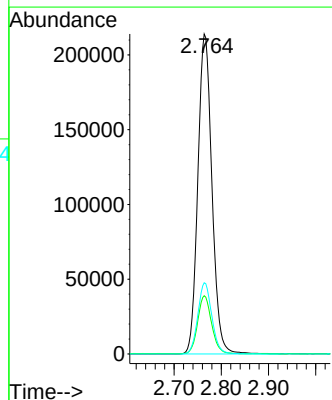
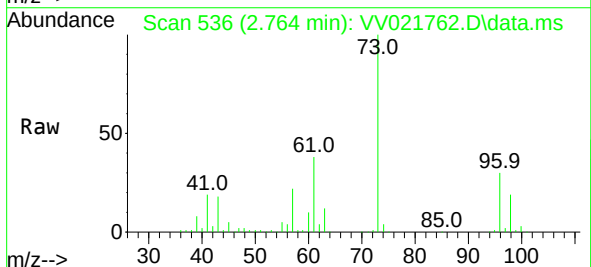
Instrument :
MSVOA_V
ClientSampleId :

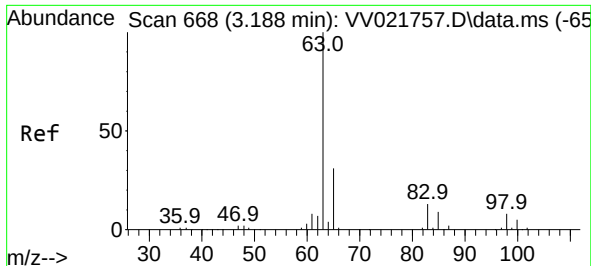
Tgt Ion: 96 Resp: 124272
Ion Ratio Lower Upper
96 100
61 131.9 95.1 176.7
98 62.8 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 50.066 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 73 Resp: 442861
Ion Ratio Lower Upper
73 100
43 17.9 14.3 21.5
57 22.2 17.7 26.5

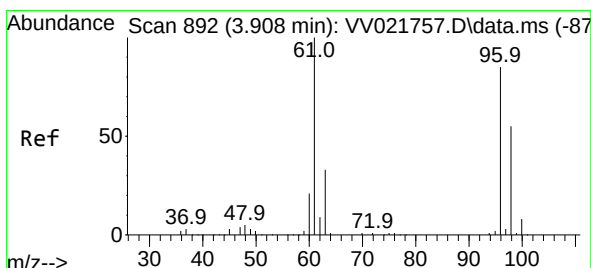
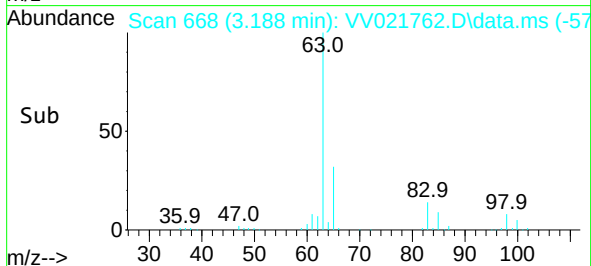
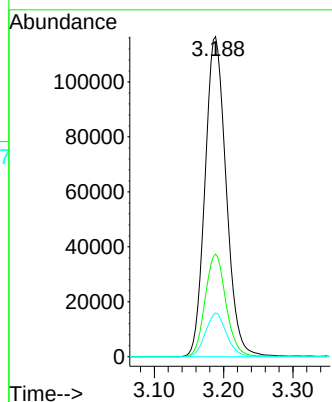
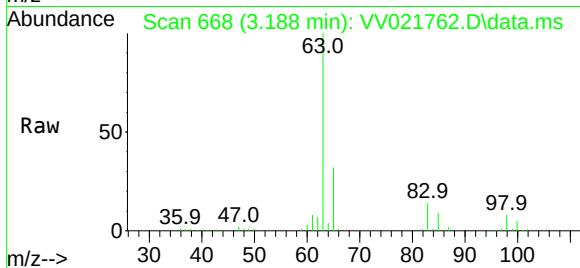




#19
1,1-Dichloroethane
Concen: 50.373 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

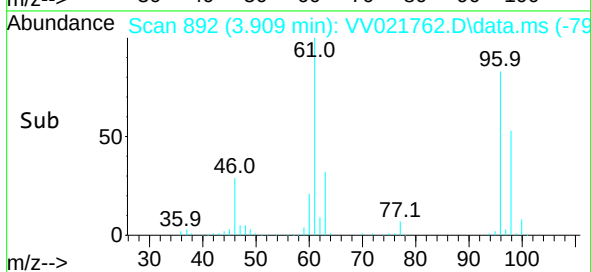
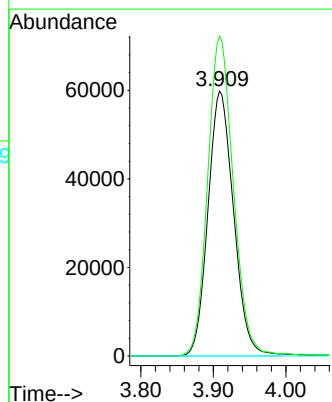
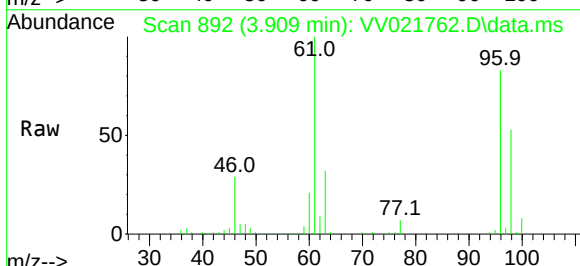
Instrument :
MSVOA_V
ClientSampled :

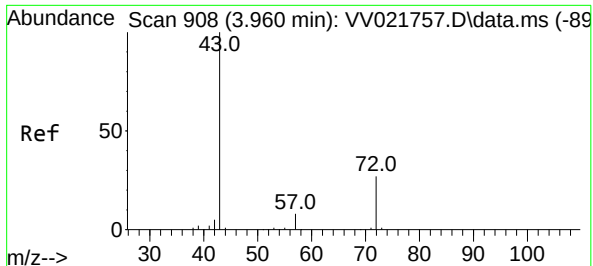
Tgt Ion:	63	Resp:	246626
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.0	41.0
83	13.6	9.7	18.1



#20
cis-1,2-Dichloroethene
Concen: 49.287 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion:	96	Resp:	146508
Ion	Ratio	Lower	Upper
96	100		
61	120.8	84.1	156.3
68	0.0	0.0	0.0

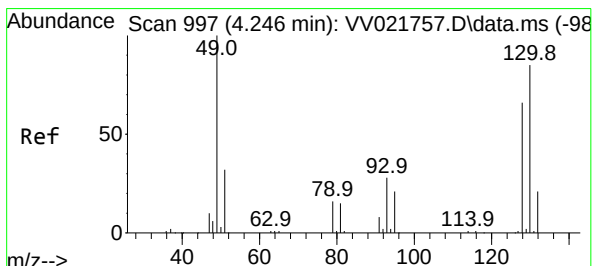
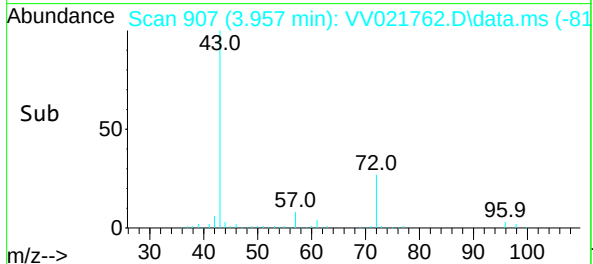
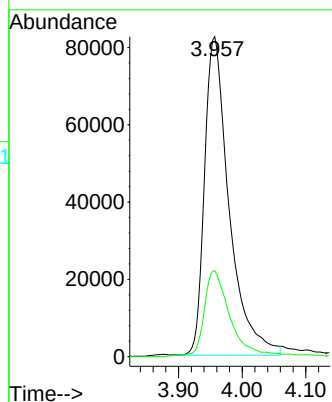
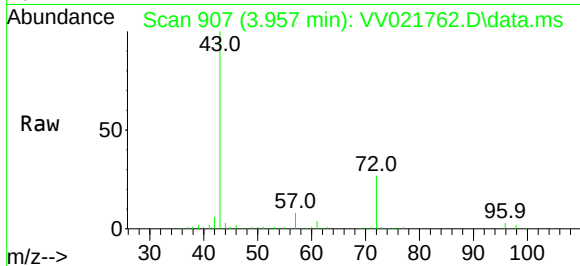




#22
2-Butanone
Concen: 101.343 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

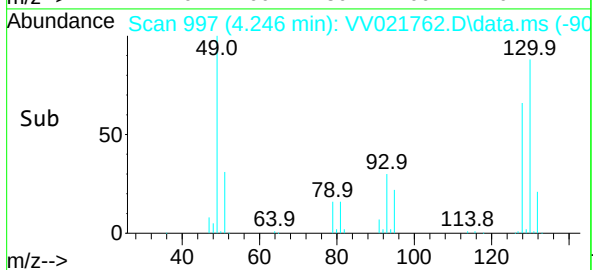
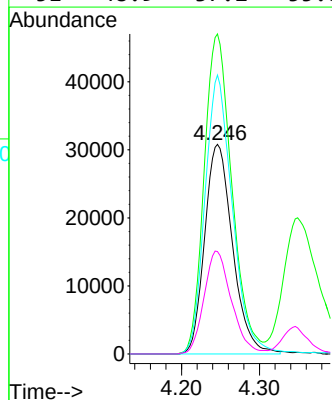
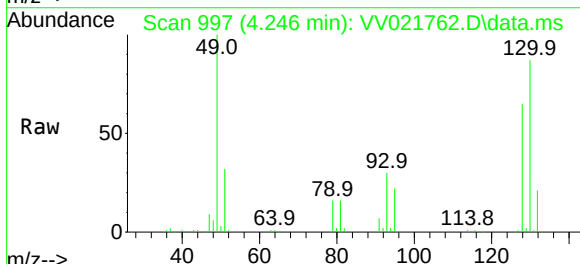
Instrument :
MSVOA_V
ClientSampled :

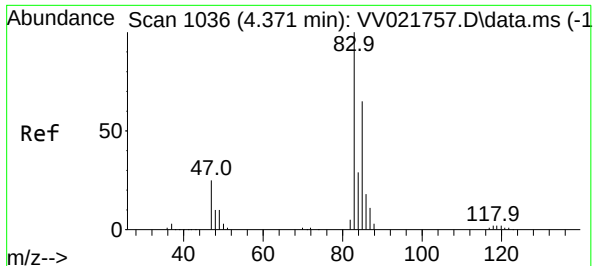
Tgt Ion: 43 Resp: 221900
Ion Ratio Lower Upper
43 100
72 27.4 13.8 41.4



#23
Bromochloromethane
Concen: 48.060 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 128 Resp: 76749
Ion Ratio Lower Upper
128 100
49 152.7 103.6 192.4
130 133.1 88.8 165.0
51 48.9 37.2 55.8





#25

Chloroform

Concen: 50.041 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

Tgt Ion: 83 Resp: 257055

Ion Ratio Lower Upper

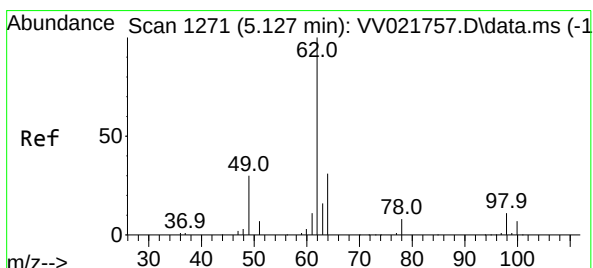
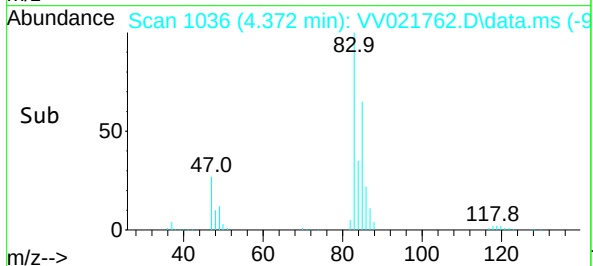
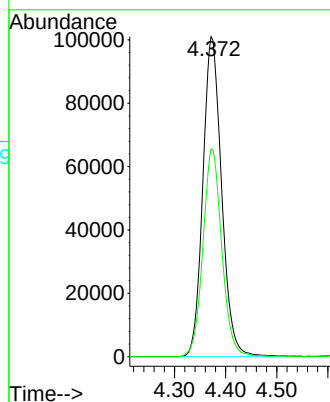
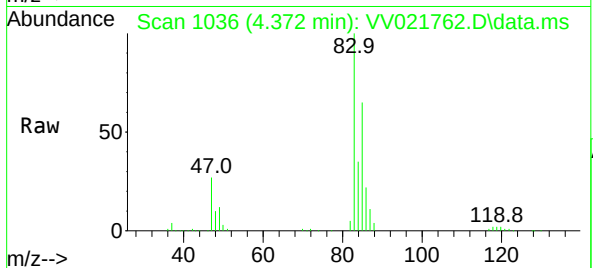
83 100

85 64.9 45.0 83.6

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 49.607 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV021762.D

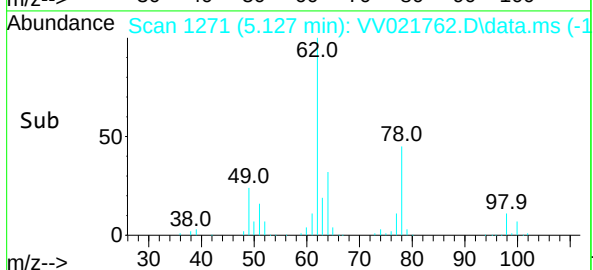
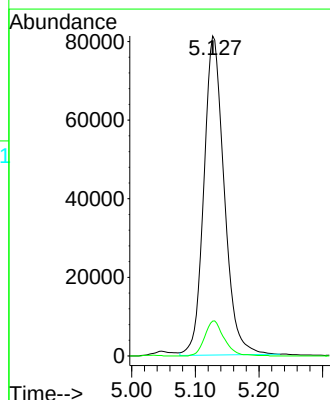
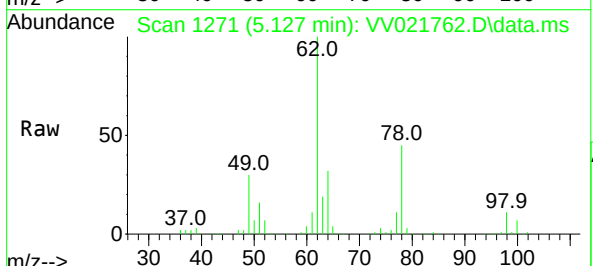
Acq: 09 Aug 2021 14:02

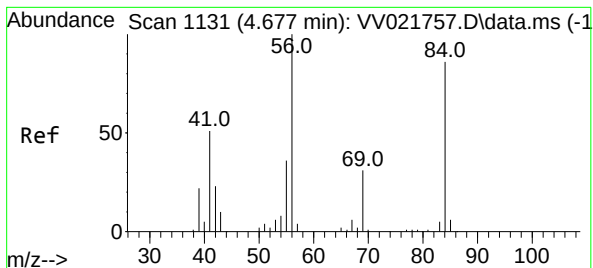
Tgt Ion: 62 Resp: 180157

Ion Ratio Lower Upper

62 100

98 10.9 8.3 12.5





#29

Cyclohexane

Concen: 48.598 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

Tgt Ion: 56 Resp: 194840

Ion Ratio Lower Upper

56 100

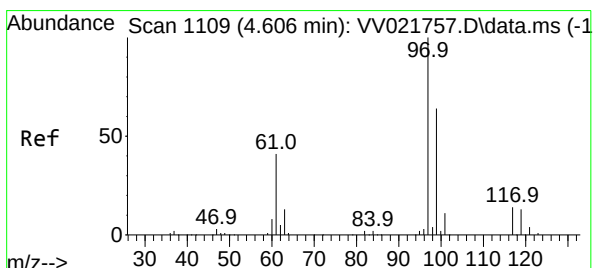
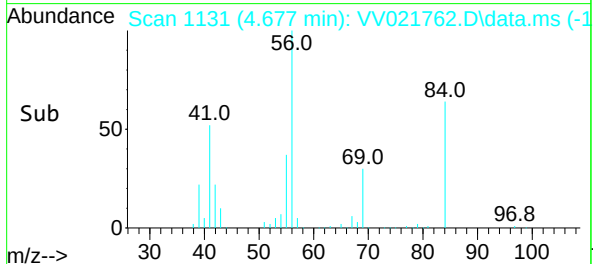
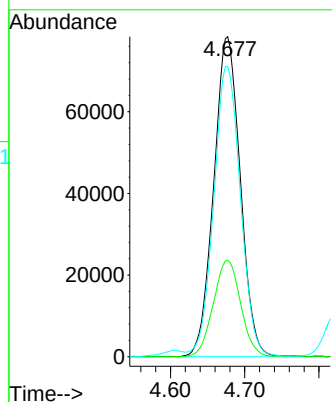
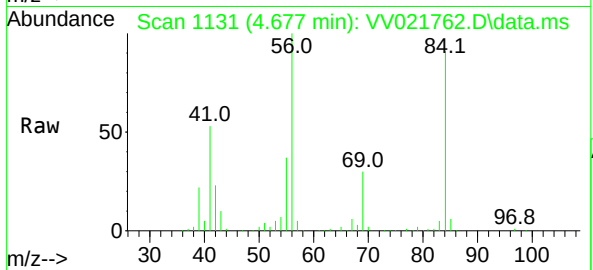
69 31.0 25.1 37.7

84 91.4 71.7 107.5

Instrument :

MSVOA_V

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 49.286 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

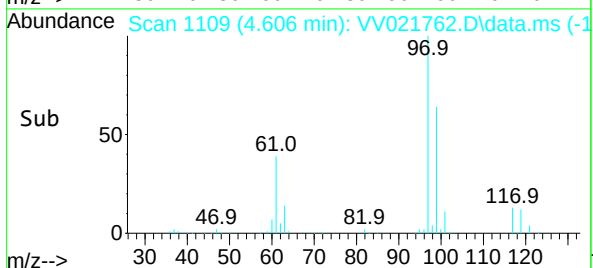
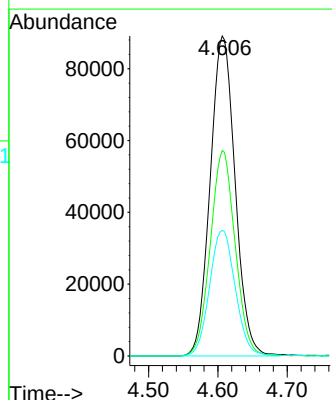
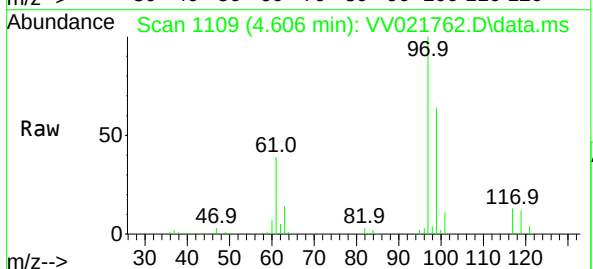
Tgt Ion: 97 Resp: 222943

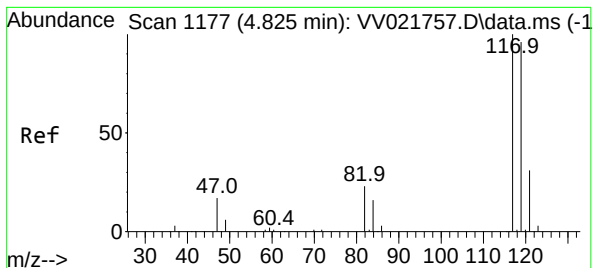
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 40.4 32.6 49.0

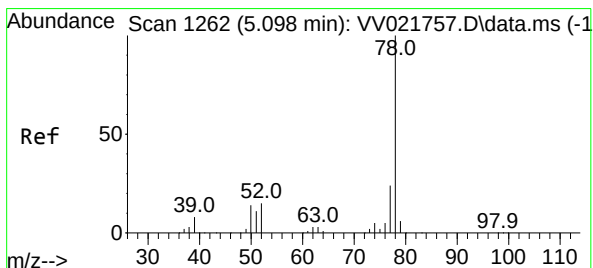
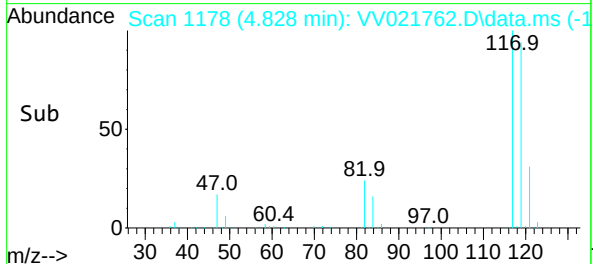
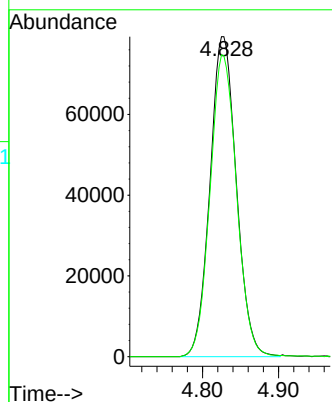
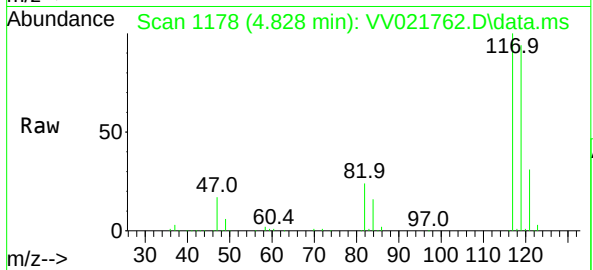




#31
Carbon tetrachloride
Concen: 48.948 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

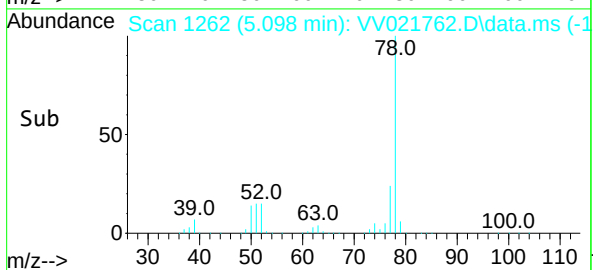
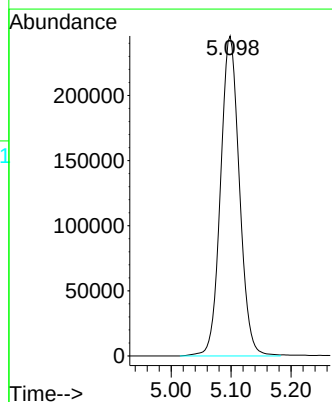
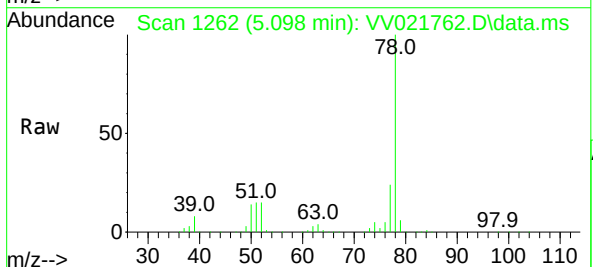
Instrument :
MSVOA_V
ClientSampled :

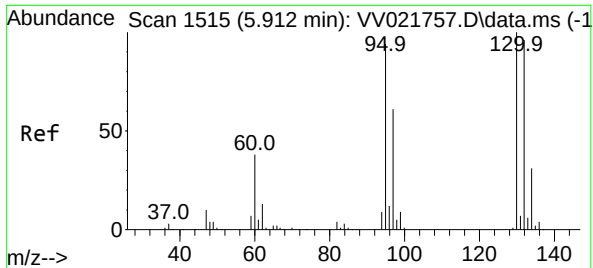
Tgt Ion:117 Resp: 190511
Ion Ratio Lower Upper
117 100
119 95.3 77.7 116.5



#33
Benzene
Concen: 49.671 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 78 Resp: 535248

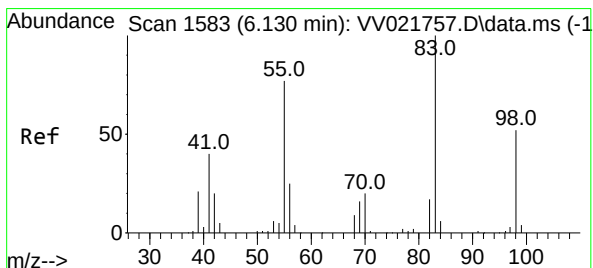
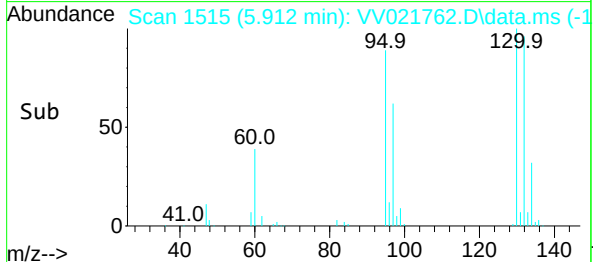
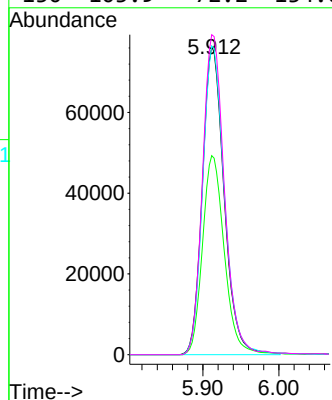
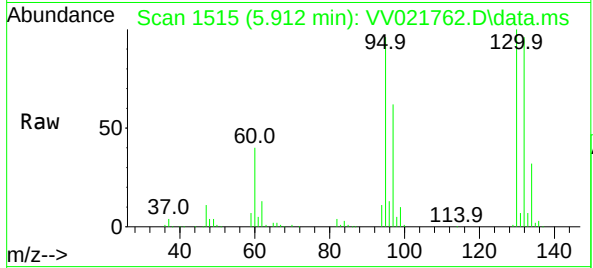




#34
Trichloroethene
Concen: 49.508 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

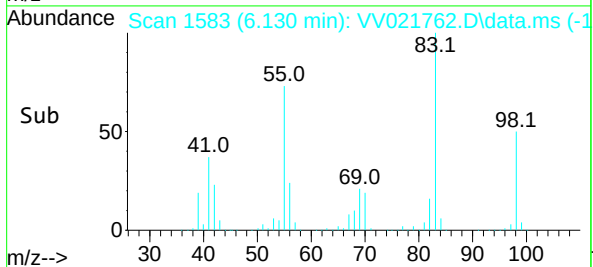
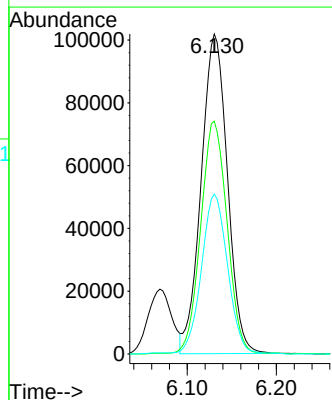
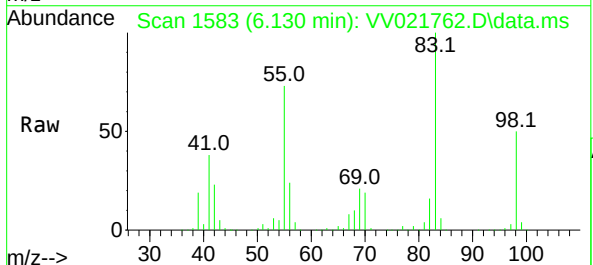
Instrument :
MSVOA_V
ClientSampled :

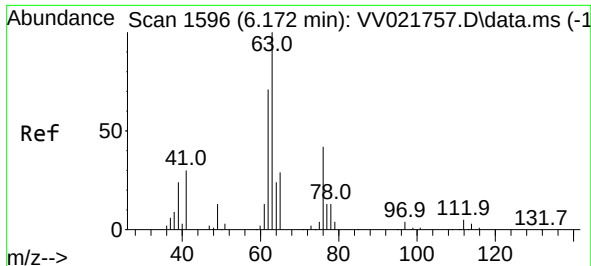
Tgt Ion: 95 Resp: 151157
Ion Ratio Lower Upper
95 100
97 64.7 43.5 80.7
132 100.3 70.6 131.2
130 103.9 72.2 134.0



#35
Methylcyclohexane
Concen: 50.113 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 83 Resp: 208592
Ion Ratio Lower Upper
83 100
55 73.0 59.1 88.7
98 49.8 40.8 61.2





#37

1,2-Dichloropropane

Concen: 48.809 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV021762.D

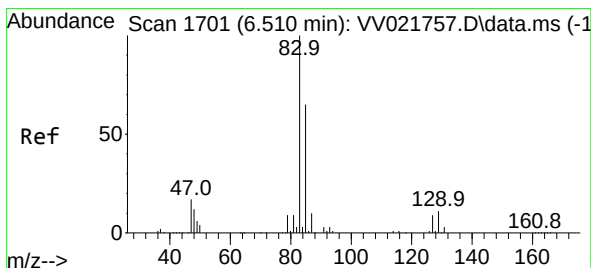
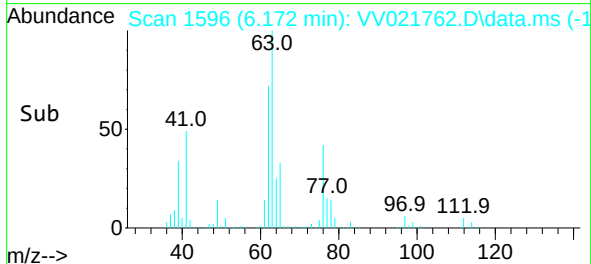
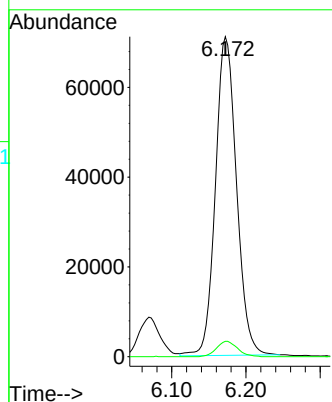
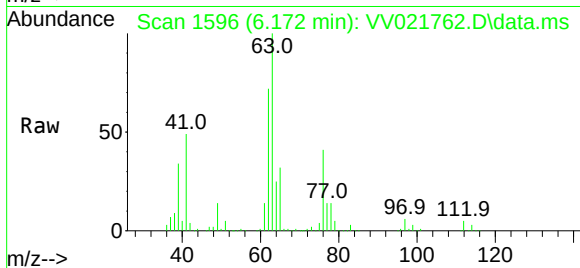
Acq: 09 Aug 2021 14:02

Tgt Ion: 63 Resp: 140142

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 48.421 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

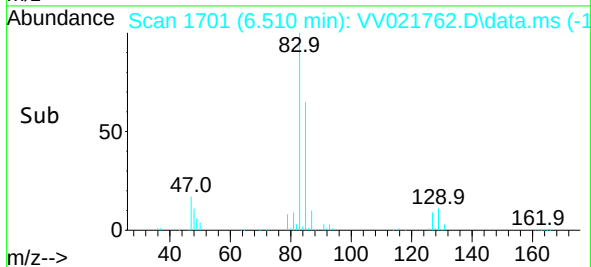
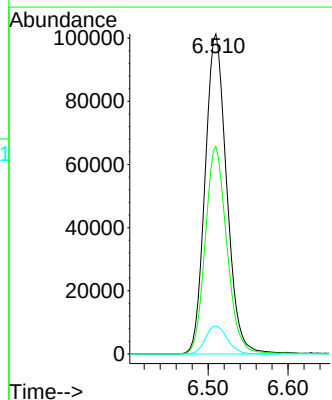
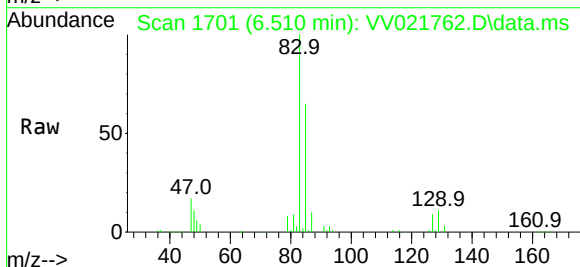
Tgt Ion: 83 Resp: 189836

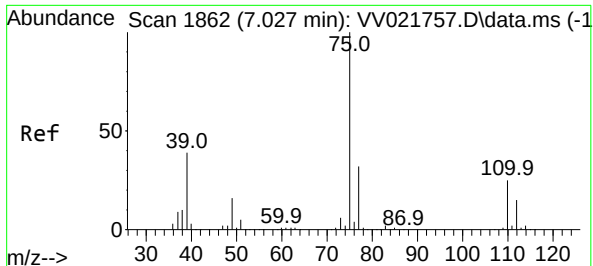
Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.2

127 8.8 7.1 10.7

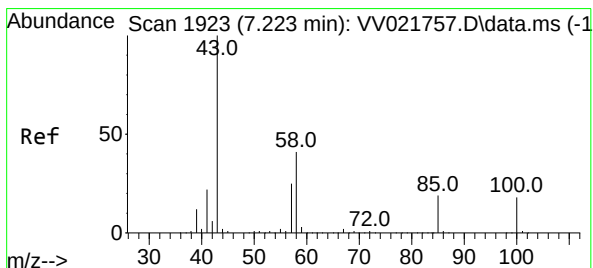
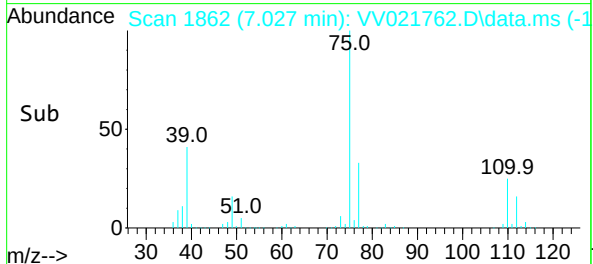
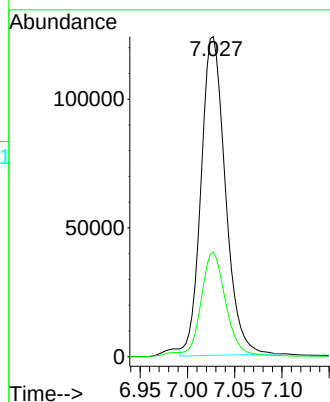
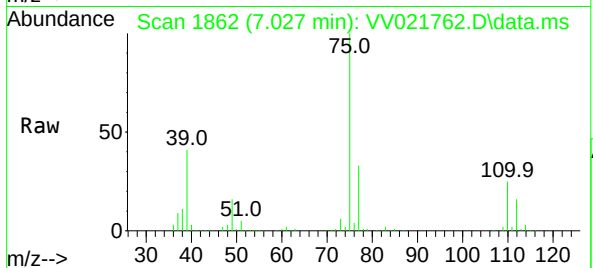




#39
 cis-1,3-Dichloropropene
 Concen: 48.624 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021762.D
 Acq: 09 Aug 2021 14:02

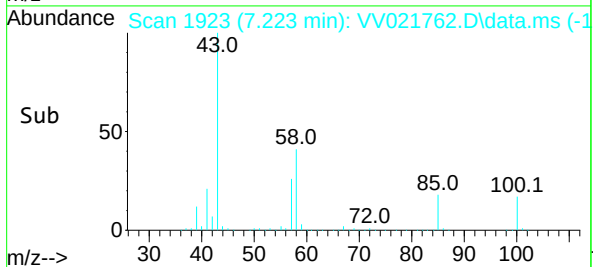
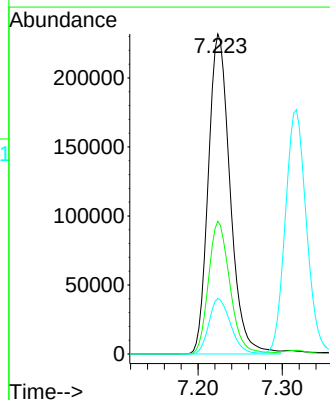
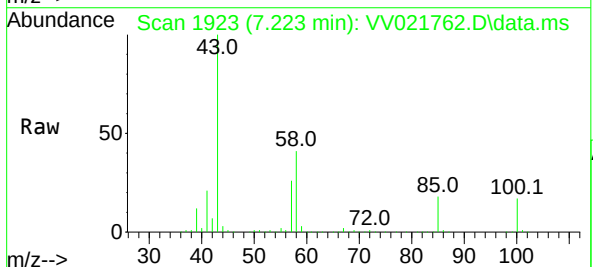
Instrument :
 MSVOA_V
 ClientSampled :

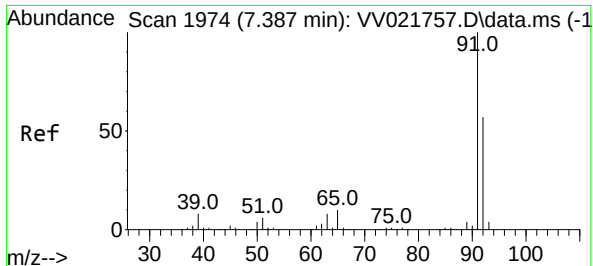
Tgt Ion: 75 Resp: 221222
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 99.643 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV021762.D
 Acq: 09 Aug 2021 14:02

Tgt Ion: 43 Resp: 416789
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.9 49.3
 100 17.1 13.8 20.8





#42

Toluene

Concen: 49.537 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV021762.D

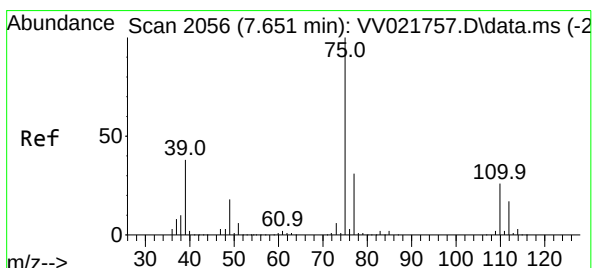
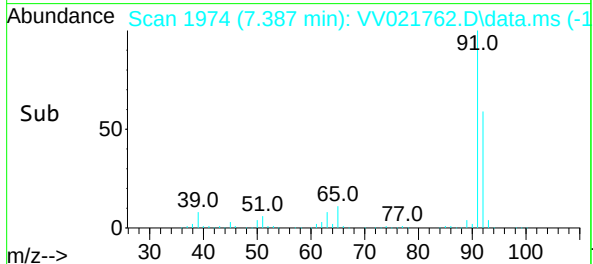
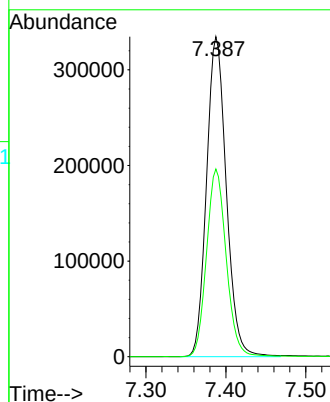
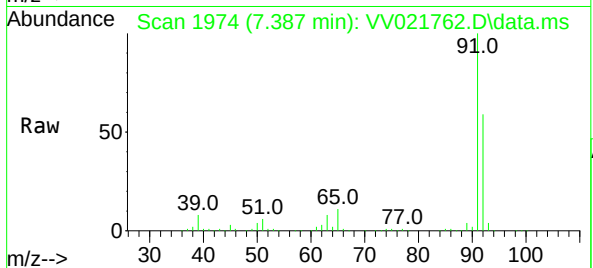
Acq: 09 Aug 2021 14:02

Tgt Ion: 91 Resp: 575545

Ion Ratio Lower Upper

91 100

92 58.7 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 48.780 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021762.D

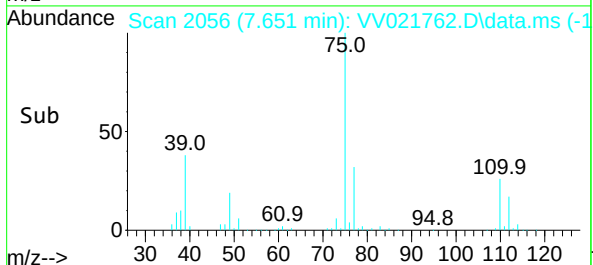
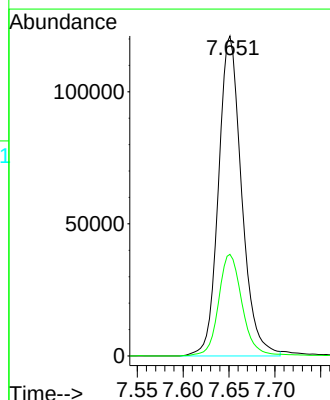
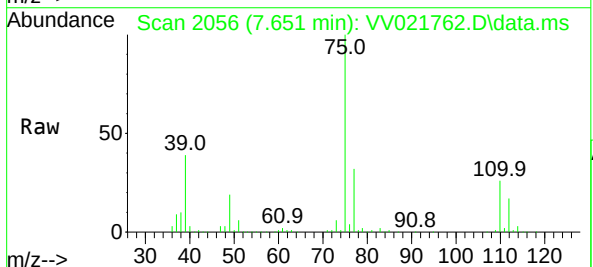
Acq: 09 Aug 2021 14:02

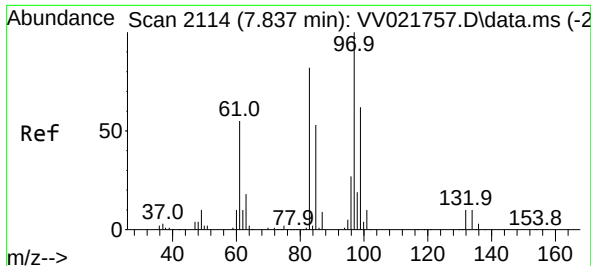
Tgt Ion: 75 Resp: 212738

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 49.799 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

Tgt Ion: 97 Resp: 145610

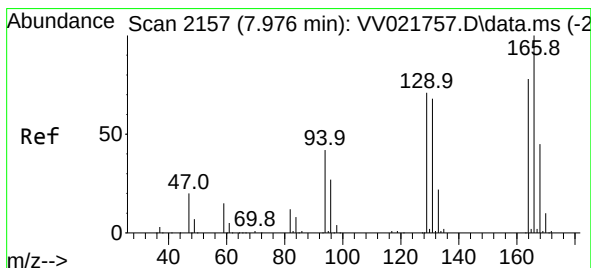
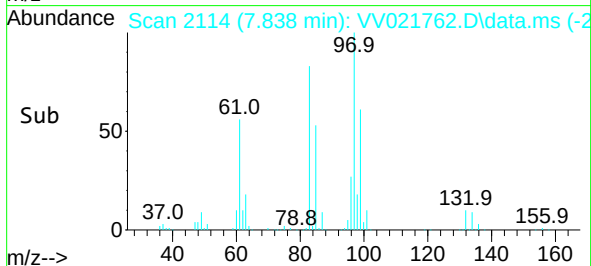
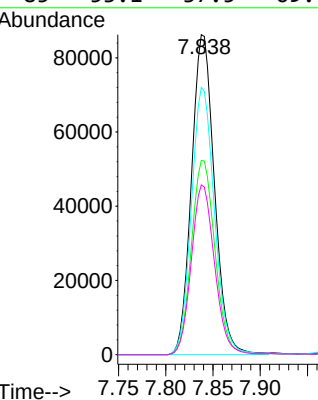
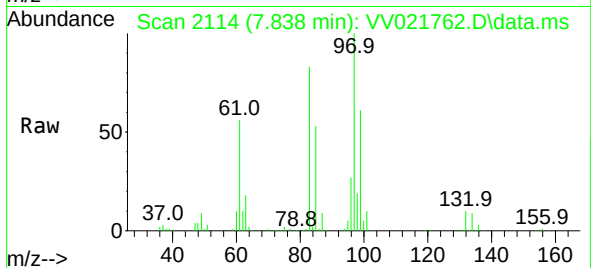
Ion Ratio Lower Upper

97 100

99 60.7 43.8 81.3

83 83.5 59.3 110.1

85 53.1 37.5 69.6



#46

Tetrachloroethene

Concen: 49.832 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

Tgt Ion: 164 Resp: 112436

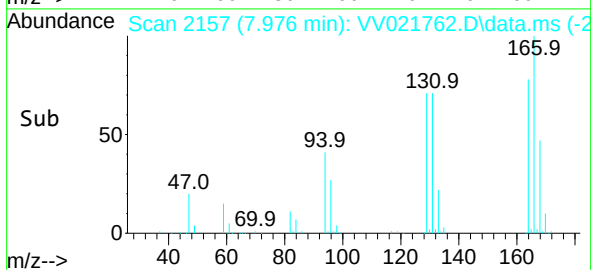
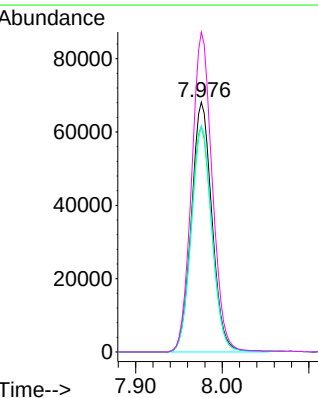
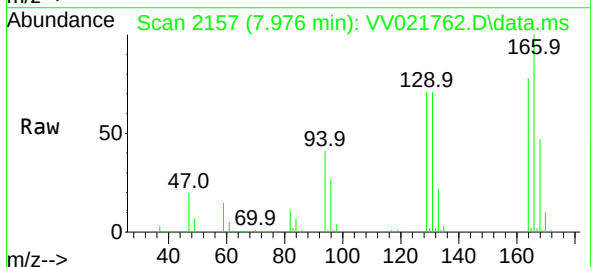
Ion Ratio Lower Upper

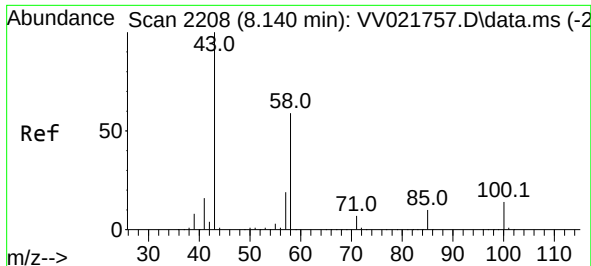
164 100

129 90.3 64.3 119.5

131 90.5 65.2 121.0

166 128.1 91.4 169.8



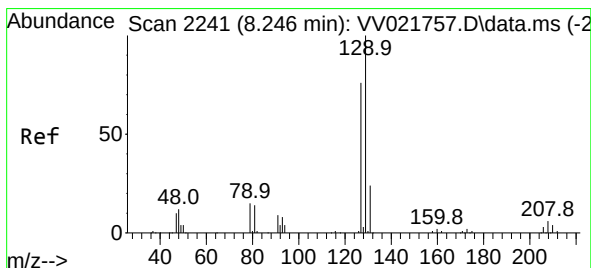
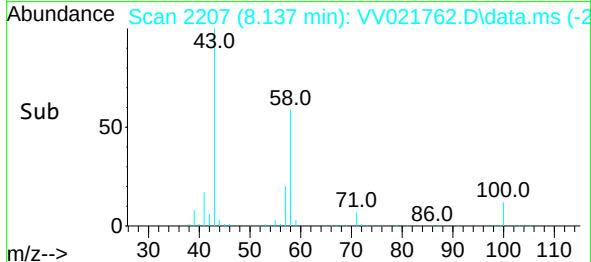
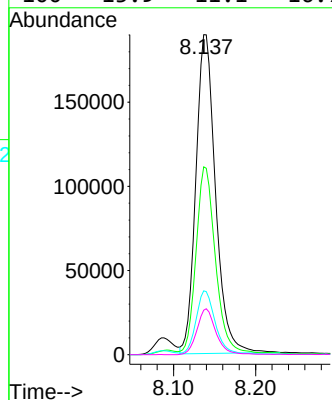
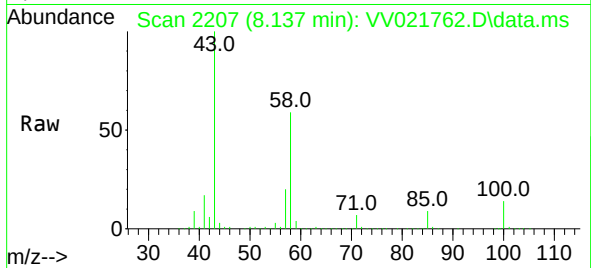


#48
2-Hexanone
Concen: 98.465 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 315672

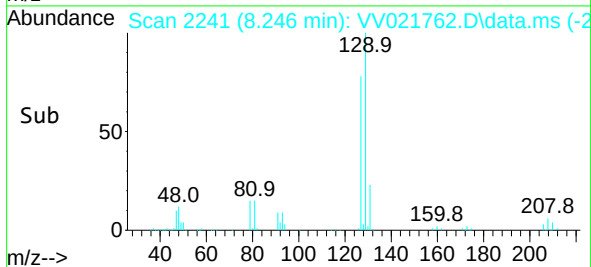
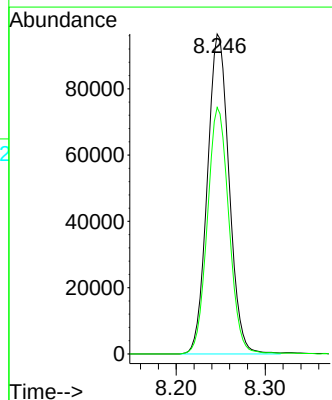
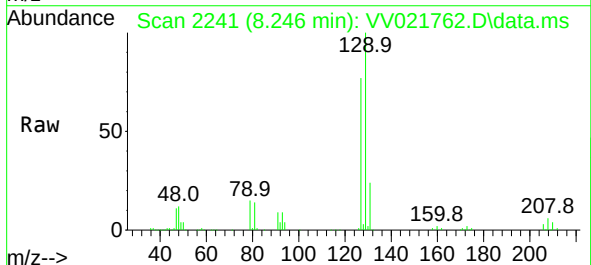
Ion	Ratio	Lower	Upper
43	100		
58	57.3	46.0	69.0
57	19.5	15.0	22.4
100	13.9	11.1	16.7

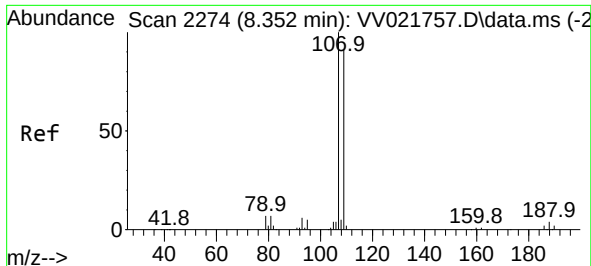


#49
Dibromochloromethane
Concen: 49.063 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 129 Resp: 163396

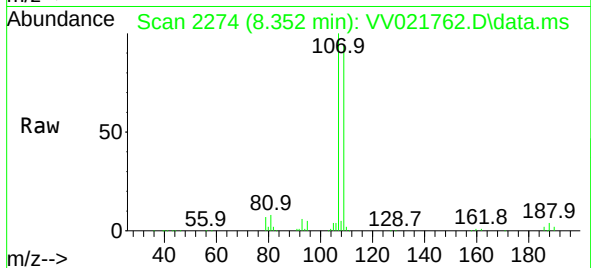
Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.0	100.2



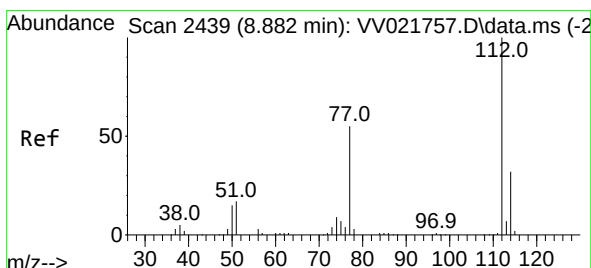
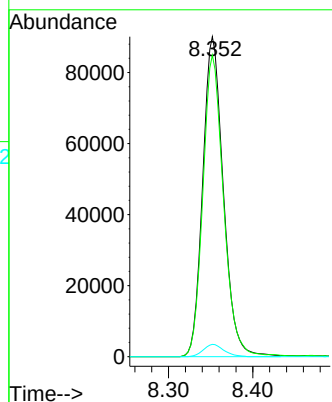
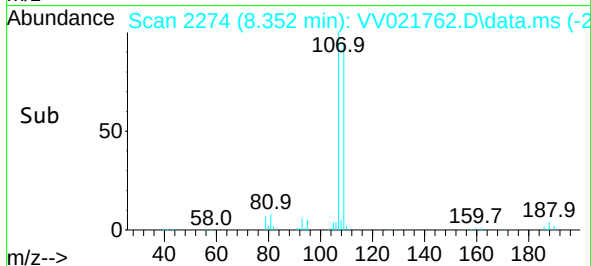


#50
1,2-Dibromoethane
Concen: 49.311 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

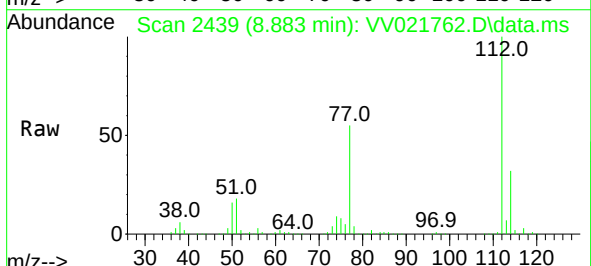
Instrument :
MSVOA_V
ClientSampleId :



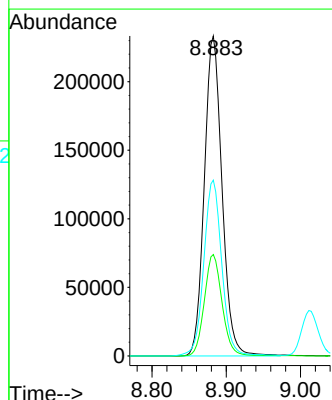
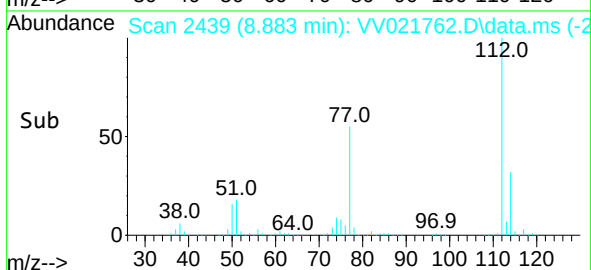
Tgt Ion:107 Resp: 153197
Ion Ratio Lower Upper
107 100
109 94.2 66.2 123.0
188 3.9 3.1 4.7

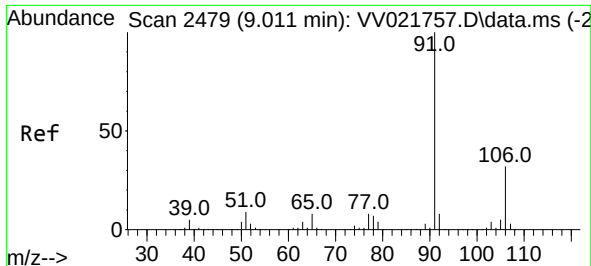


#51
Chlorobenzene
Concen: 49.783 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02



Tgt Ion:112 Resp: 386482
Ion Ratio Lower Upper
112 100
114 31.7 22.6 42.0
77 54.9 45.0 67.4

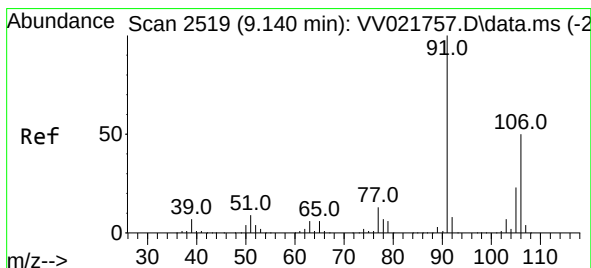
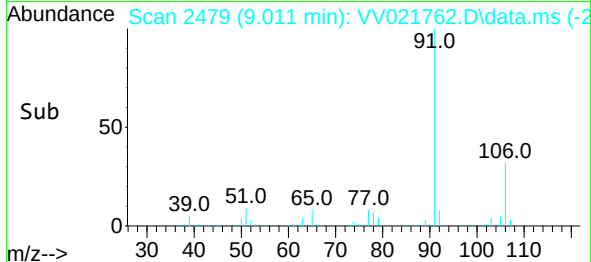
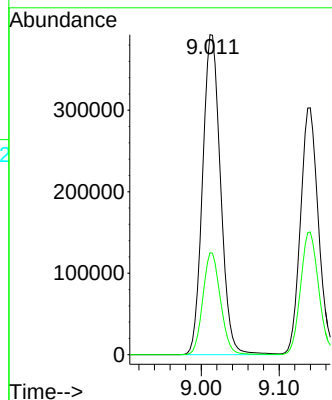
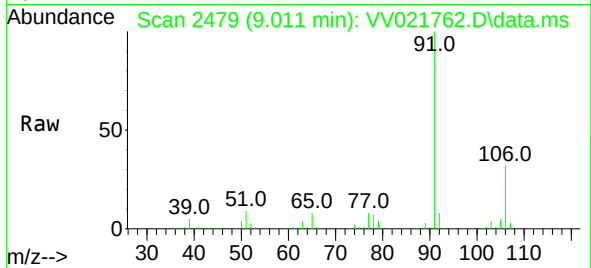




#52
Ethylbenzene
Concen: 49.921 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

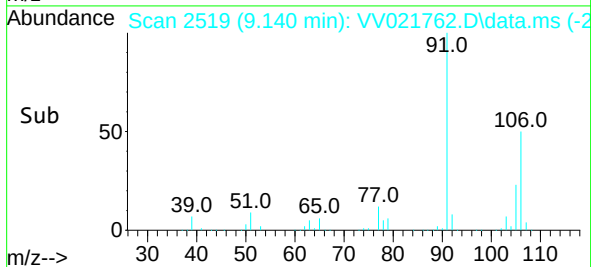
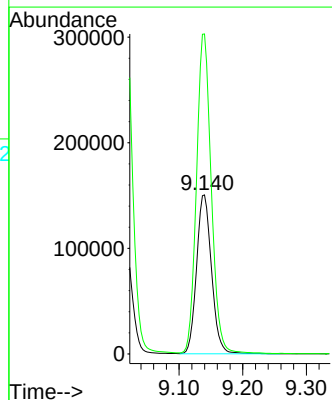
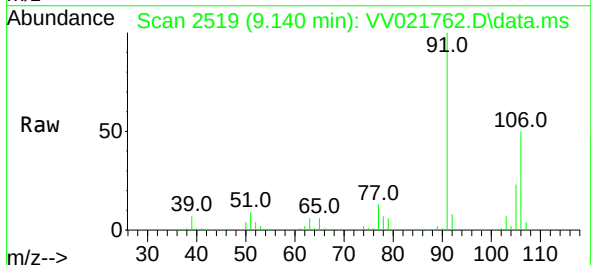
Instrument :
MSVOA_V
ClientSampled :

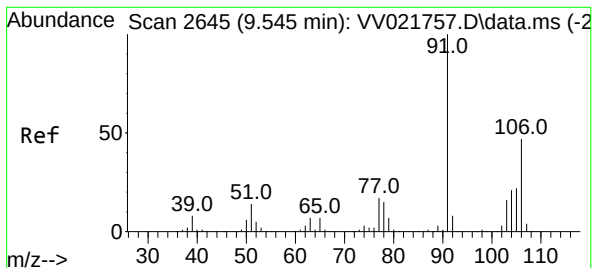
Tgt Ion: 91 Resp: 629737
Ion Ratio Lower Upper
91 100
106 31.9 22.0 40.8



#53
m,p-Xylene
Concen: 50.118 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 106 Resp: 245388
Ion Ratio Lower Upper
106 100
91 201.1 138.9 258.1





#54

o-Xylene

Concen: 49.388 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV021762.D

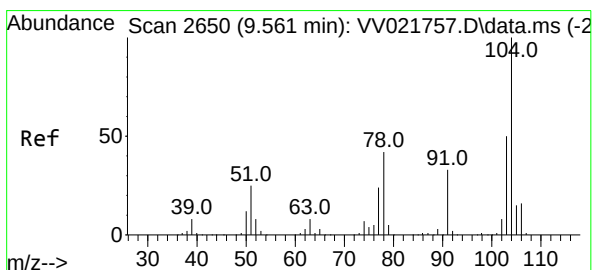
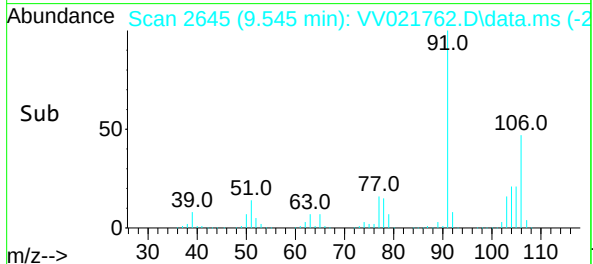
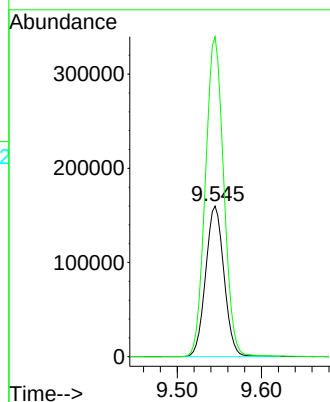
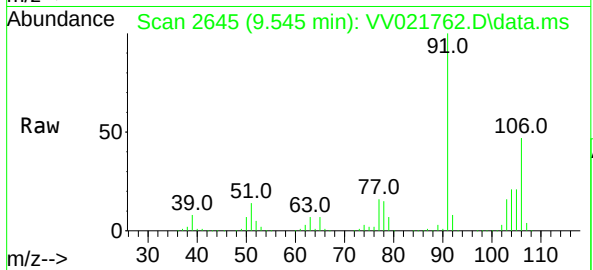
Acq: 09 Aug 2021 14:02

Tgt Ion:106 Resp: 243337

Ion Ratio Lower Upper

106 100

91 212.4 147.4 273.8



#55

Styrene

Concen: 50.711 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021762.D

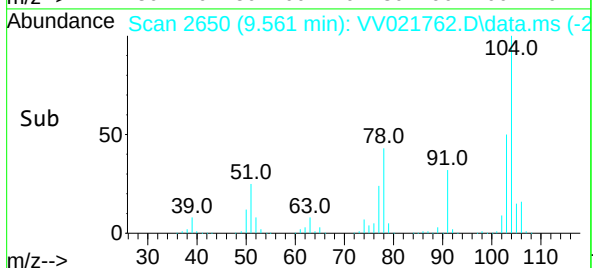
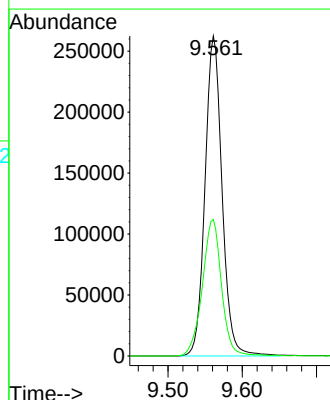
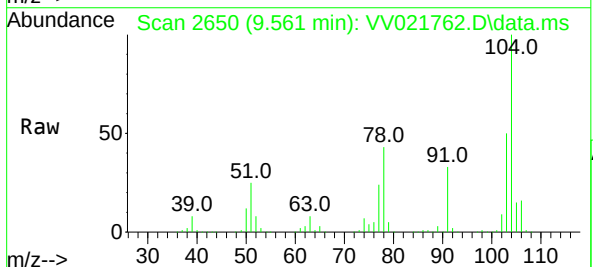
Acq: 09 Aug 2021 14:02

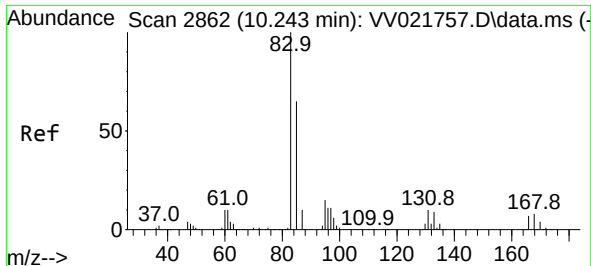
Tgt Ion:104 Resp: 418617

Ion Ratio Lower Upper

104 100

78 42.7 30.0 55.8

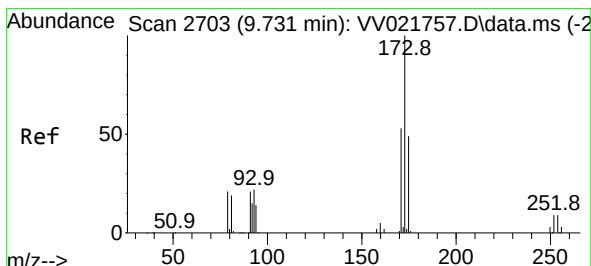
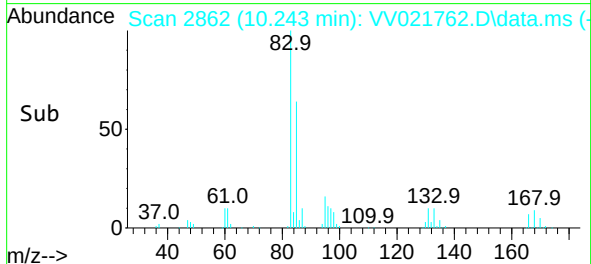
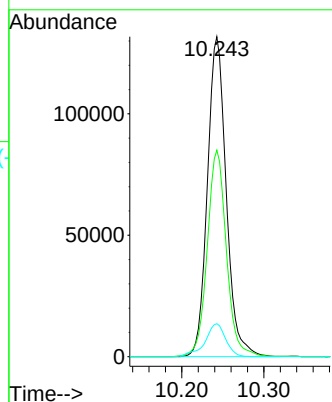
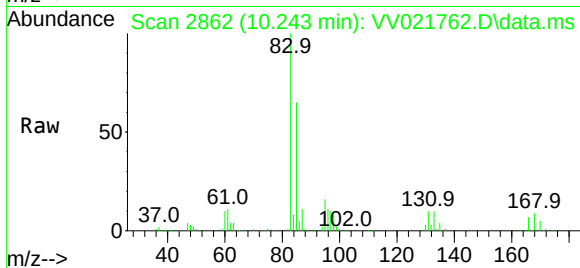




#57
1,1,2,2-Tetrachloroethane
Concen: 48.137 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

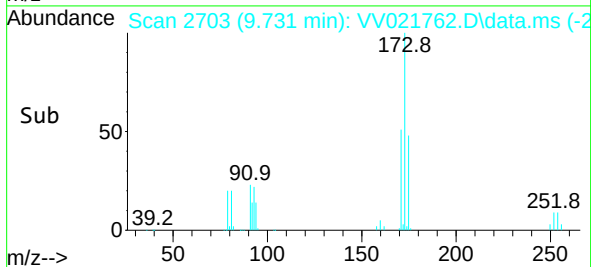
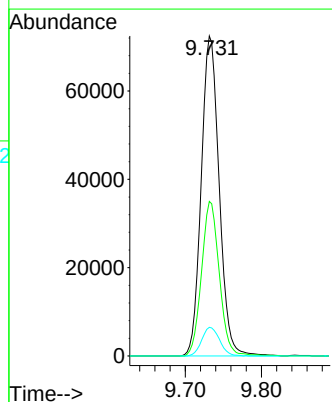
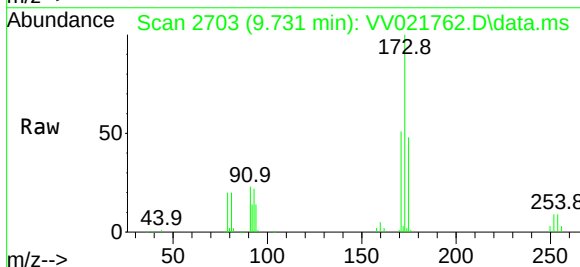
Instrument :
MSVOA_V
ClientSampleId :

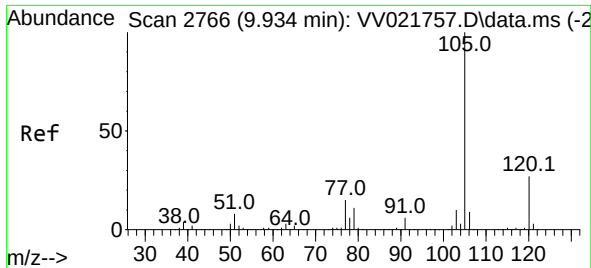
Tgt Ion: 83 Resp: 210096
Ion Ratio Lower Upper
83 100
85 64.5 46.0 85.4
131 10.3 8.1 12.1



#59
Bromoform
Concen: 48.250 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 173 Resp: 119023
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.4
254 8.9 7.2 10.8

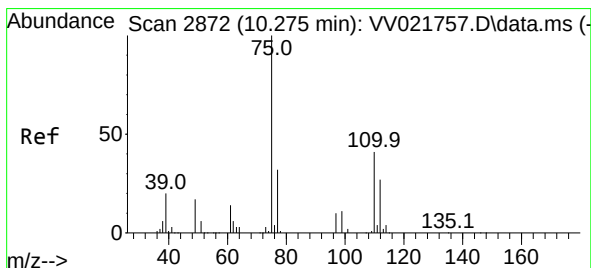
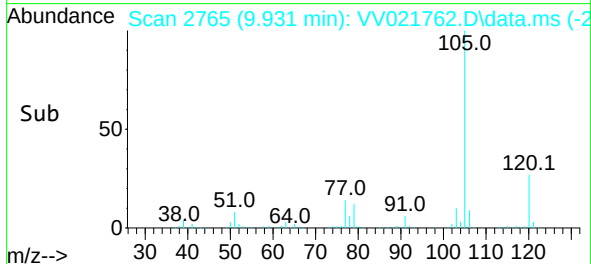
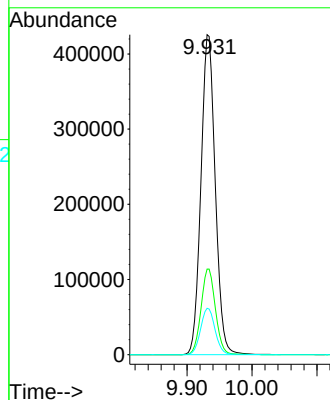
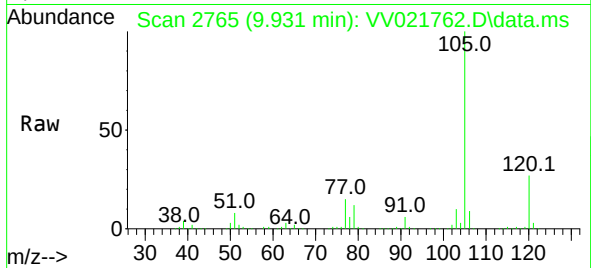




#60
Isopropylbenzene
Concen: 49.634 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

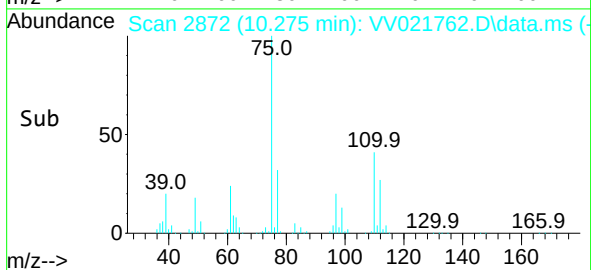
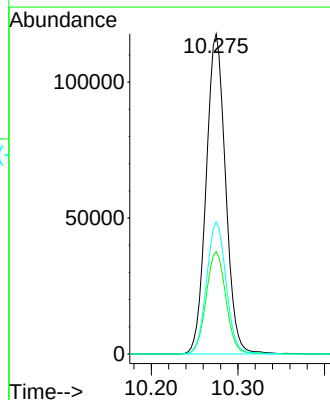
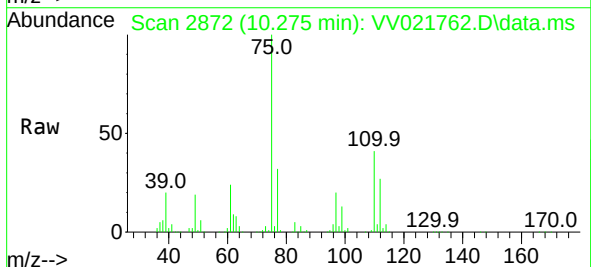
Instrument :
MSVOA_V
ClientSampleId :

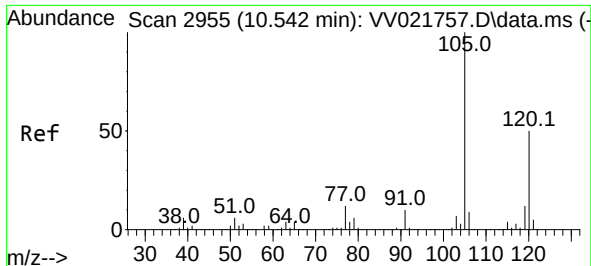
Tgt Ion:105 Resp: 654040
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 48.273 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 75 Resp: 183009
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 41.6 33.8 50.6

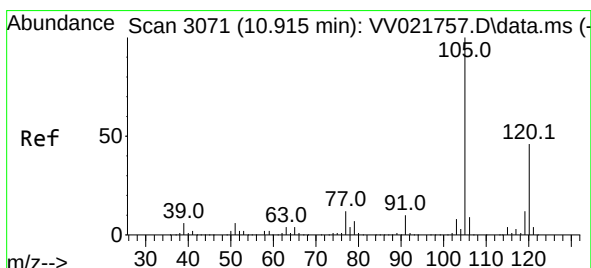
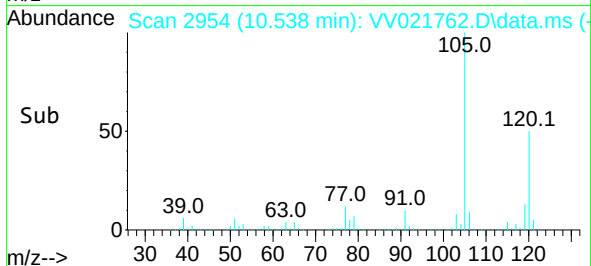
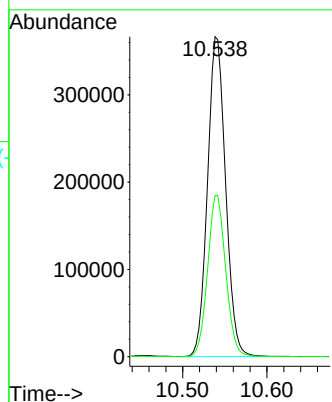
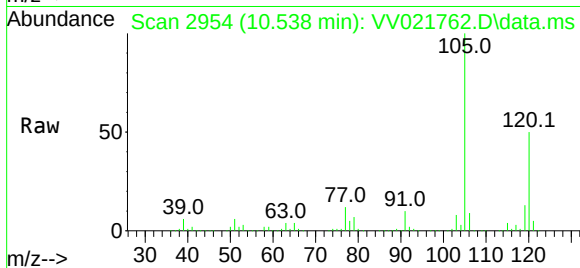




#62
 1,3,5-Trimethylbenzene
 Concen: 49.104 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV021762.D
 Acq: 09 Aug 2021 14:02

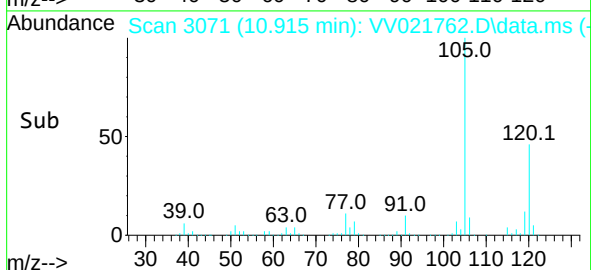
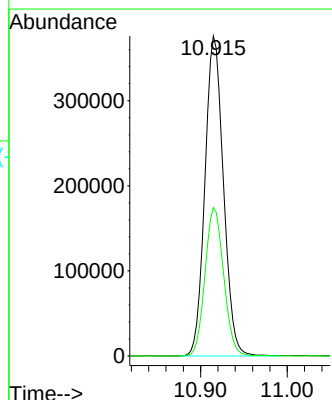
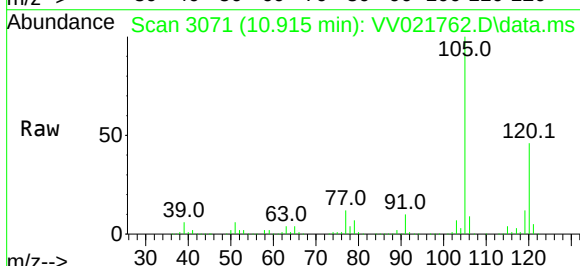
Instrument :
 MSVOA_V
 ClientSampled :

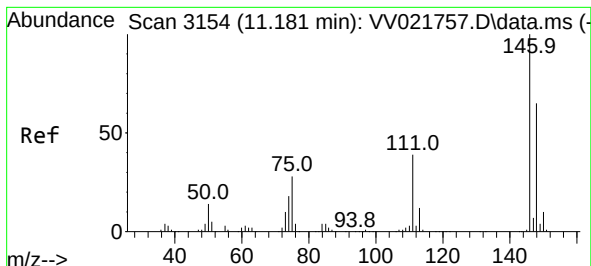
Tgt Ion:105 Resp: 547863
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.8 59.6



#63
 1,2,4-Trimethylbenzene
 Concen: 49.137 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV021762.D
 Acq: 09 Aug 2021 14:02

Tgt Ion:105 Resp: 557937
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 48.937 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

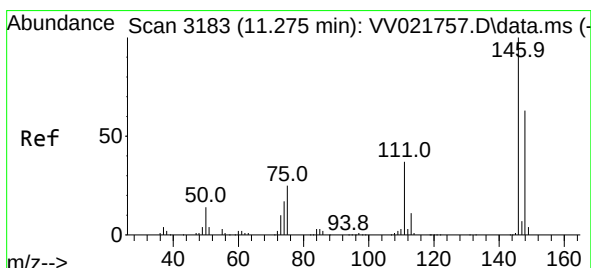
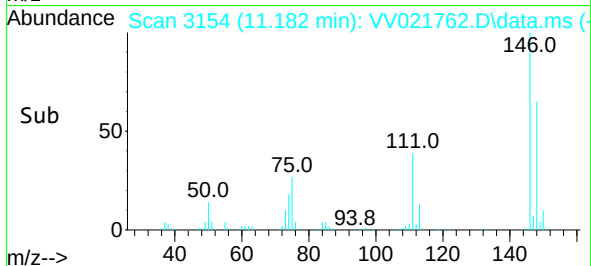
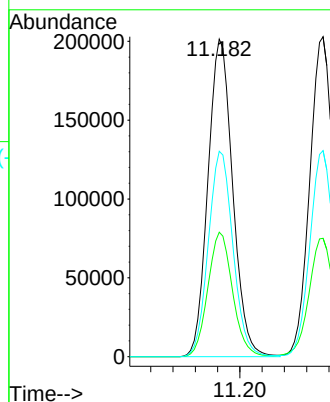
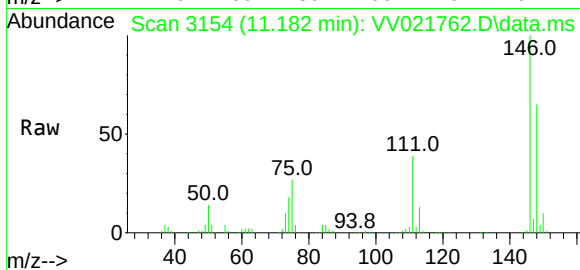
Tgt Ion:146 Resp: 310736

Ion Ratio Lower Upper

146 100

111 39.2 27.3 50.7

148 64.7 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 48.554 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV021762.D

Acq: 09 Aug 2021 14:02

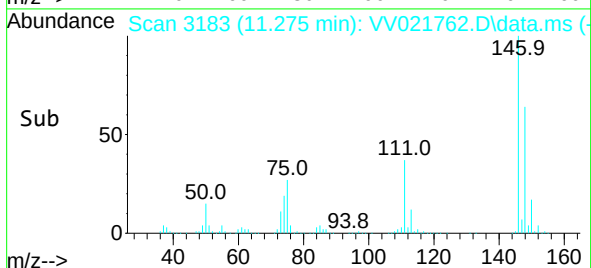
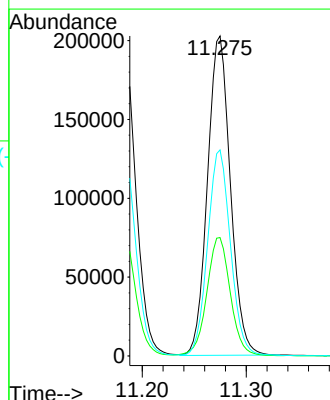
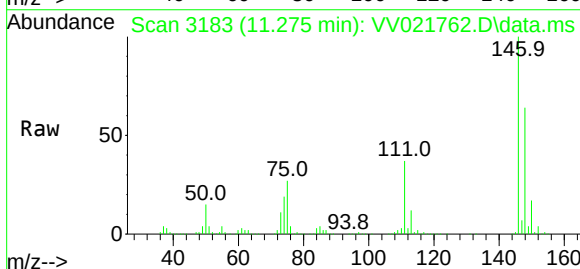
Tgt Ion:146 Resp: 310245

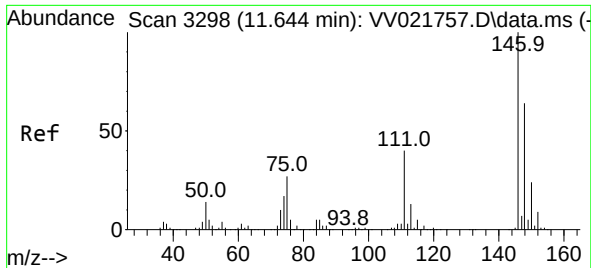
Ion Ratio Lower Upper

146 100

111 37.0 25.6 47.4

148 64.4 44.7 82.9

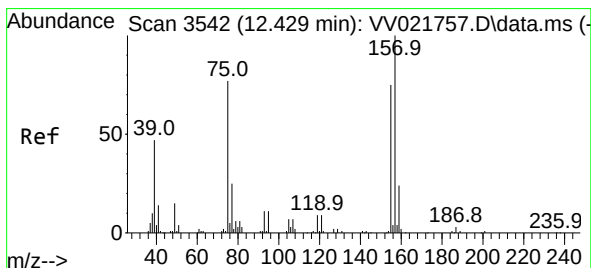
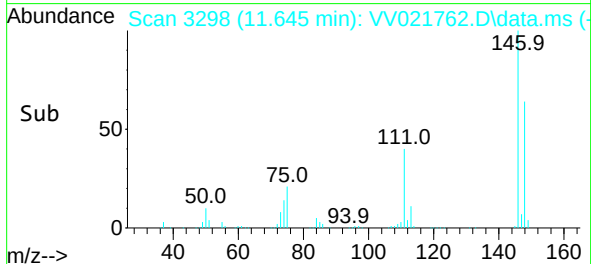
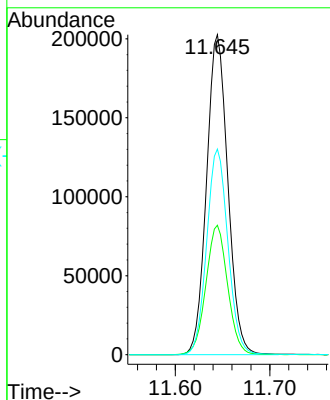
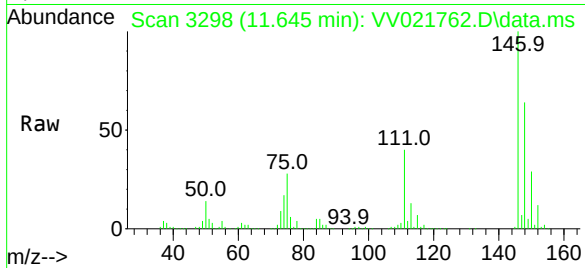




#67
1,2-Dichlorobenzene
Concen: 48.869 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

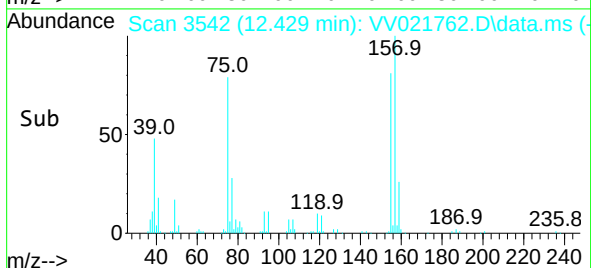
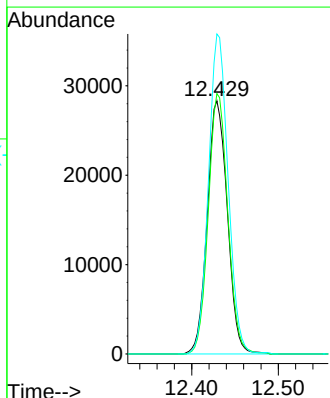
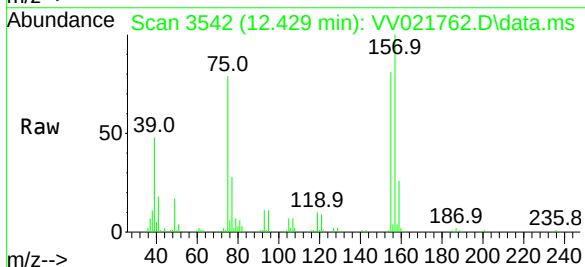
Instrument :
MSVOA_V
ClientSampleId :

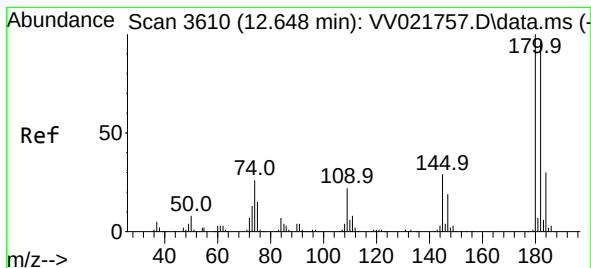
Tgt Ion:146 Resp: 316967
Ion Ratio Lower Upper
146 100
111 40.4 32.5 48.7
148 64.3 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 45.834 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion: 75 Resp: 45744
Ion Ratio Lower Upper
75 100
155 102.8 77.7 116.5
157 126.4 102.6 154.0

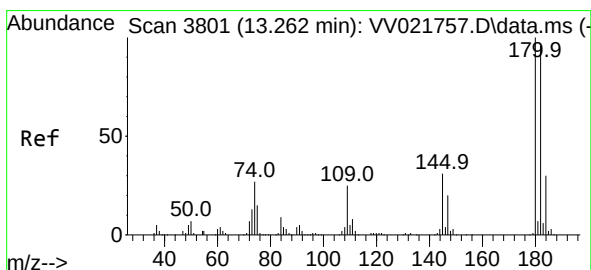
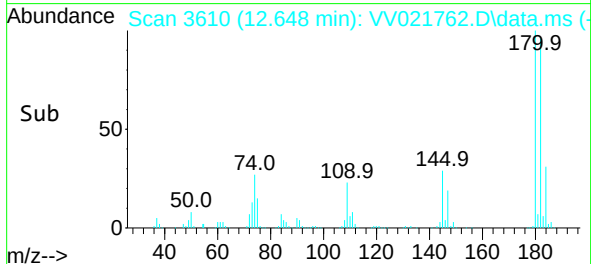
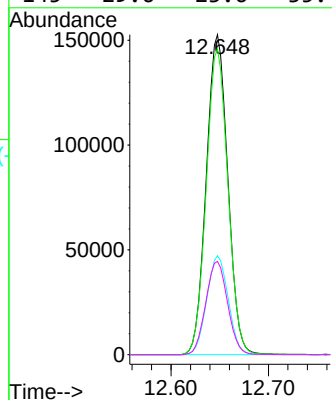
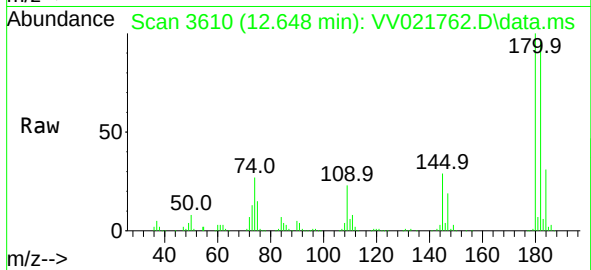




#69
1,3,5-Trichlorobenzene
Concen: 49.551 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

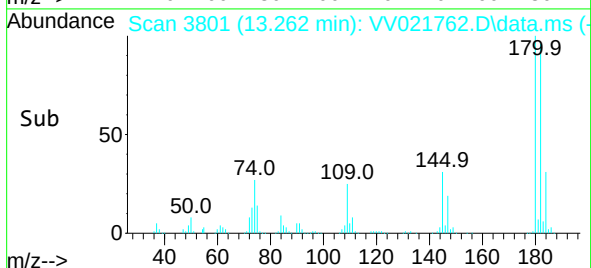
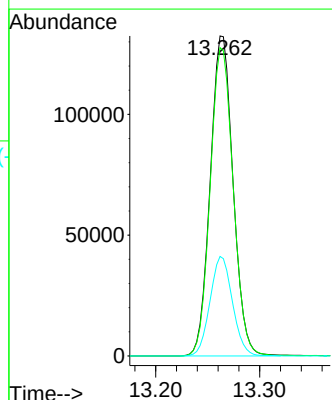
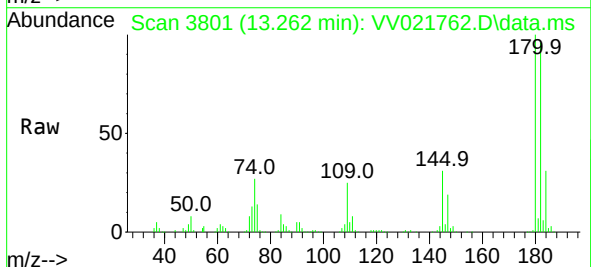
Instrument :
MSVOA_V
ClientSampleId :

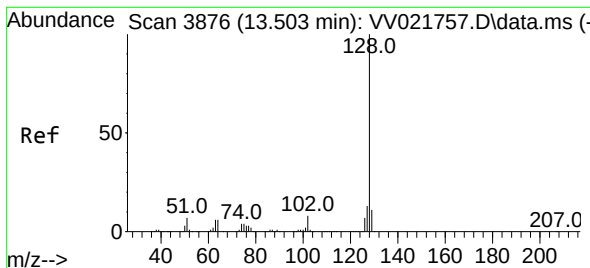
Tgt Ion:180 Resp: 234133
Ion Ratio Lower Upper
180 100
182 96.1 77.1 115.7
184 30.8 24.6 36.8
145 29.6 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 50.708 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion:180 Resp: 202000
Ion Ratio Lower Upper
180 100
182 96.9 76.3 114.5
145 30.6 24.1 36.1

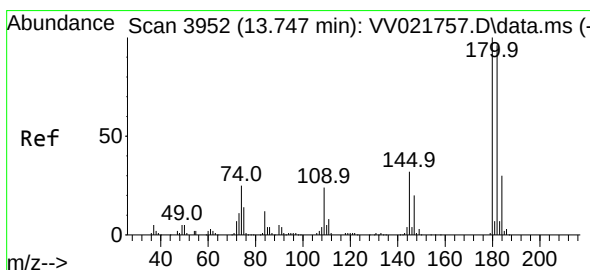
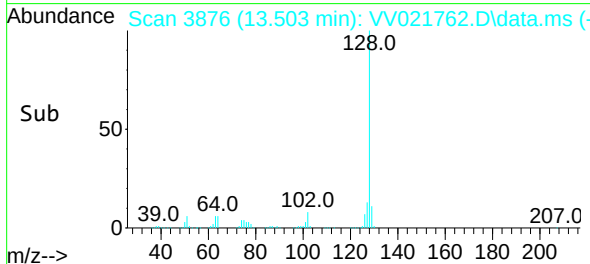
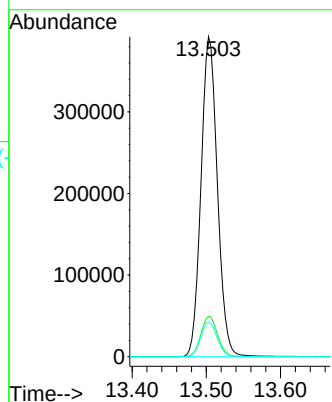
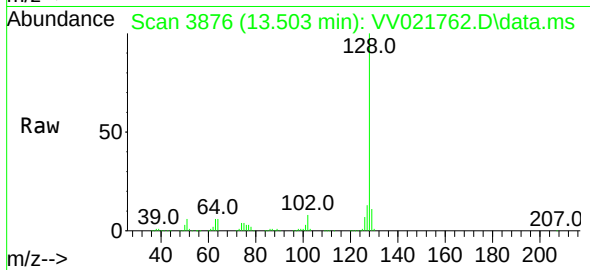




#71
Naphthalene
Concen: 52.100 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 600837
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 51.835 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV021762.D
Acq: 09 Aug 2021 14:02

Tgt Ion:180 Resp: 205171
Ion Ratio Lower Upper
180 100
182 94.8 76.8 115.2
145 32.1 25.5 38.3

