

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081121\
 Data File : VV021769.D
 Acq On : 11 Aug 2021 12:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 03:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	208587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	193136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	102301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	38760	4.853	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.564	69	45516	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.105	63	82289	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.908	46	147751	46.545	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.080%
24) Chloroform-d	4.346	84	125340	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.034	65	55615	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.047	84	243536	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.069	67	76555	4.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.313	98	224475	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.625	79	23487	4.919	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.091	63	113153	48.568	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50908	4.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	87421	4.942	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	80497	5.370	ug/L	98
3) Chloromethane	1.236	50	68345	5.319	ug/L	99
5) Vinyl chloride	1.307	62	72474	5.357	ug/L	100
6) Bromomethane	1.519	94	46306	5.422	ug/L	99
8) Chloroethane	1.581	64	44919	5.286	ug/L	97
9) Trichlorofluoromethane	1.748	101	107790	5.422	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	51663	4.828	ug/L	98
12) 1,1-Dichloroethene	2.114	96	47850	4.982	ug/L	90
13) Acetone	2.220	43	89721	44.658	ug/L	100
14) Carbon disulfide	2.288	76	153672	5.471	ug/L	99
15) Methyl Acetate	2.442	43	23052	3.993	ug/L	94
16) Methylene chloride	2.503	84	74496	4.294	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	160435	5.314	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	67431	5.449	ug/L	98
19) 1,1-Dichloroethane	3.188	63	123831	5.360	ug/L	99
21) 2-Butanone	3.992	43	160923	49.086	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	74576	5.340	ug/L	99
23) Bromochloromethane	4.246	128	33480	5.327	ug/L	98
25) Chloroform	4.371	83	128320	5.206	ug/L	98

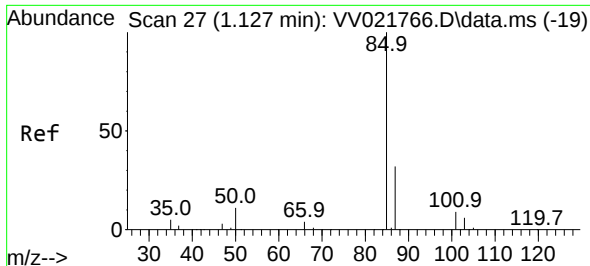
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081121\
 Data File : VV021769.D
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Quant Time: Aug 12 03:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	65333	4.969	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	112233	5.443	ug/L	100
30) Cyclohexane	4.674	56	102036	5.510	ug/L	100
31) Carbon tetrachloride	4.825	117	96610	5.437	ug/L	100
33) Benzene	5.098	78	271621	5.495	ug/L	100
34) Trichloroethene	5.912	95	76342	5.490	ug/L	98
35) Methylcyclohexane	6.130	83	111878	5.580	ug/L	98
37) 1,2-Dichloropropane	6.172	63	68190	5.429	ug/L	99
38) Bromodichloromethane	6.510	83	87551	5.402	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	103952	5.729	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	410484	53.191	ug/L	99
42) Toluene	7.387	91	298015	5.568	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85527	5.558	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	49861	5.308	ug/L	99
47) Tetrachloroethene	7.976	164	60680	5.619	ug/L	97
48) 2-Hexanone	8.140	43	290016	54.523	ug/L	95
49) Dibromochloromethane	8.246	129	60722	5.443	ug/L	100
50) 1,2-Dibromoethane	8.355	107	47483	5.422	ug/L #	100
51) Chlorobenzene	8.882	112	192872	5.411	ug/L	98
52) Ethylbenzene	9.011	91	323775	5.618	ug/L	100
53) m,p-xylene	9.140	106	124840	5.540	ug/L	99
54) o-xylene	9.545	106	124150	5.589	ug/L	99
55) Styrene	9.561	104	208708	5.667	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	52157	5.400	ug/L	98
59) Bromoform	9.731	173	32684	5.348	ug/L	99
60) Isopropylbenzene	9.931	105	335707	5.562	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	41123	5.215	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	278892	5.548	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	285317	5.583	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	162442	5.567	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	159996	5.514	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	149417	5.472	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	7493	5.051	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	126723	5.574	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	102345	5.706	ug/L	99
71) Naphthalene	13.503	128	155537	5.840	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	93037	5.899	ug/L	98

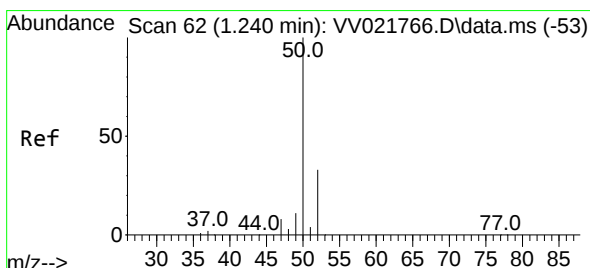
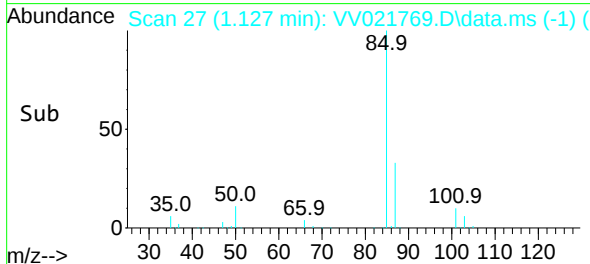
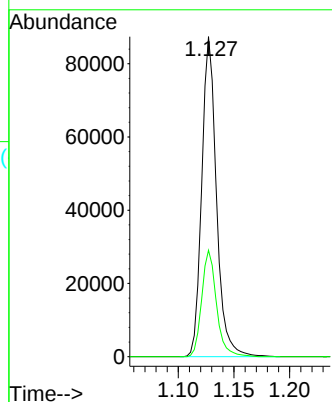
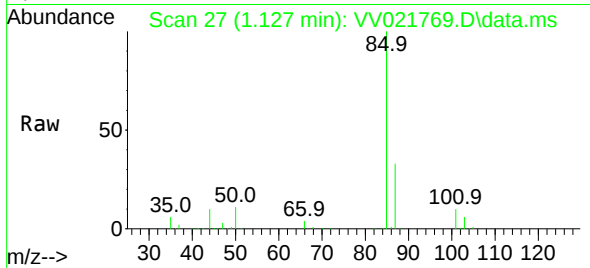
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.370 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021769.D
 Acq: 11 Aug 2021 12:00

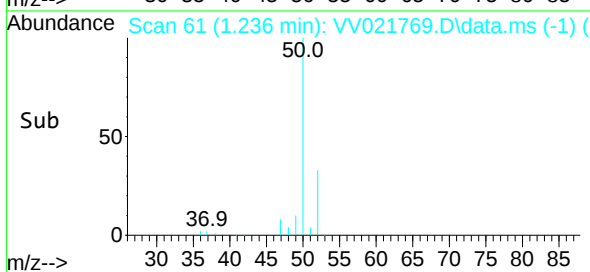
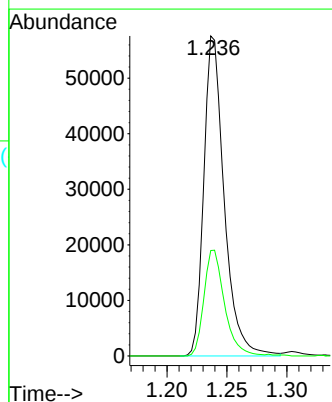
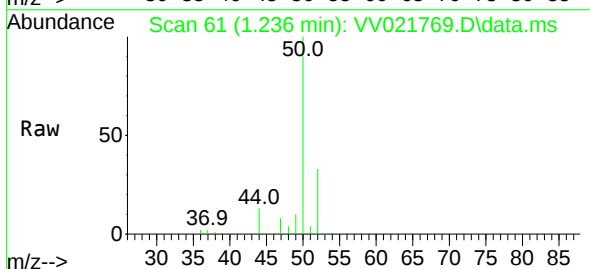
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 MSVOA_V
 ClientSampled :

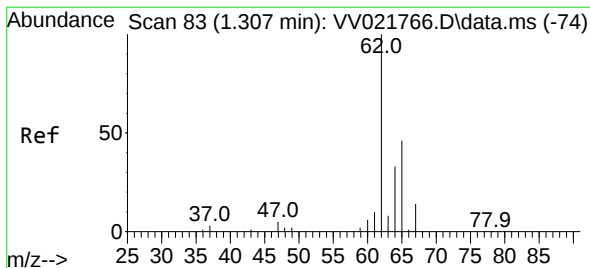
Tgt Ion: 85 Resp: 80497
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.5 38.3



#3
 Chloromethane
 Concen: 5.319 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV021769.D
 Acq: 11 Aug 2021 12:00

Tgt Ion: 50 Resp: 68345
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.7 42.3

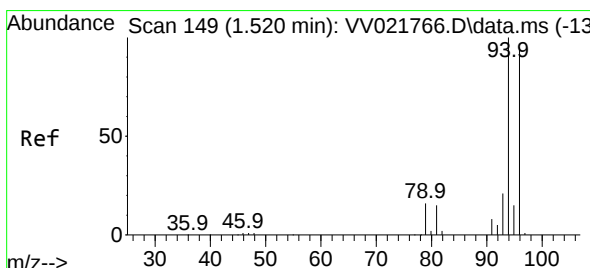
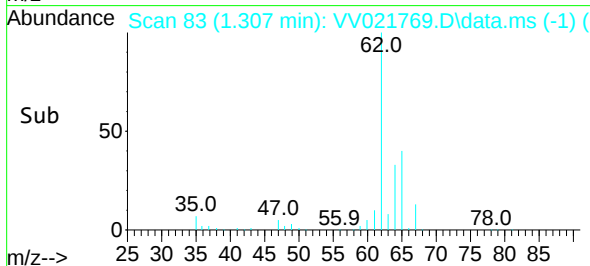
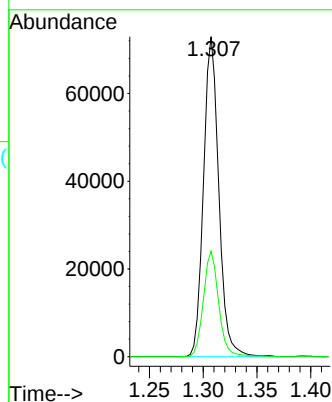
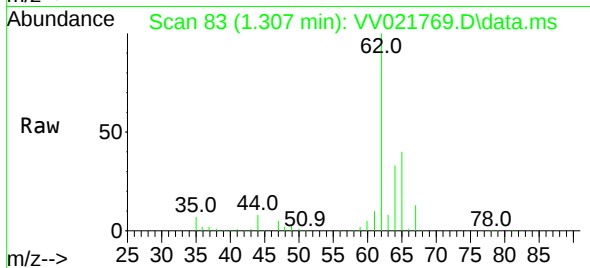




#5
 Vinyl chloride
 Concen: 5.357 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021769.D
 Acq: 11 Aug 2021 12:00

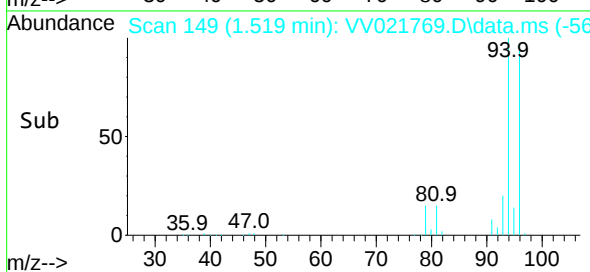
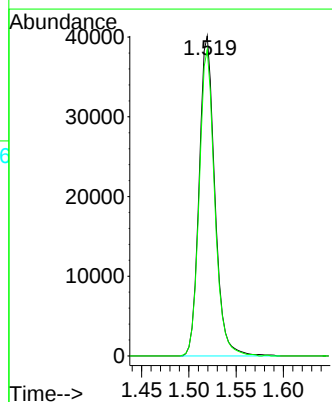
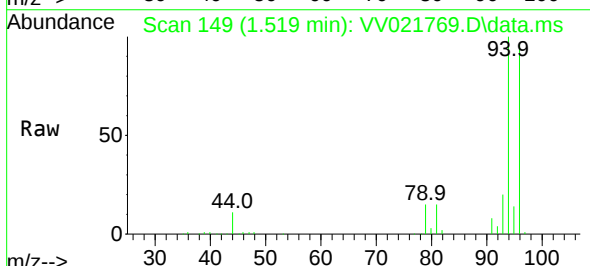
Instrument :
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 ClientSampled :

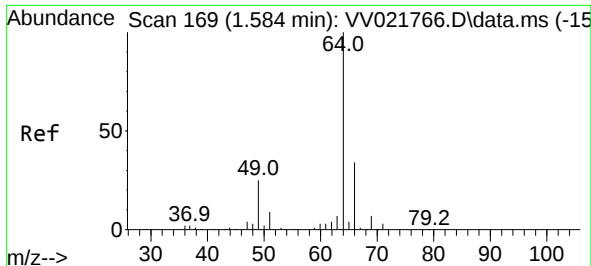
Tgt Ion: 62 Resp: 72474
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 5.422 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.001 min
 Lab File: VV021769.D
 Acq: 11 Aug 2021 12:00

Tgt Ion: 94 Resp: 46306
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.2 123.0

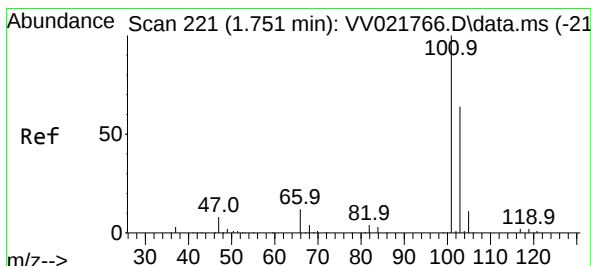
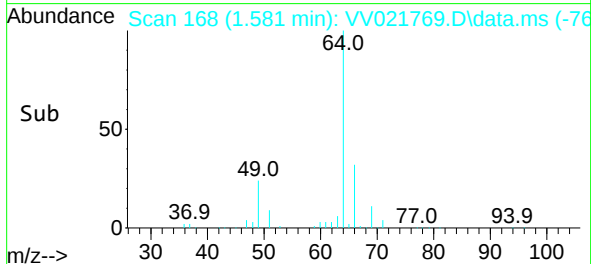
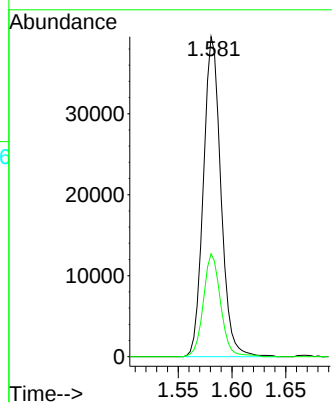
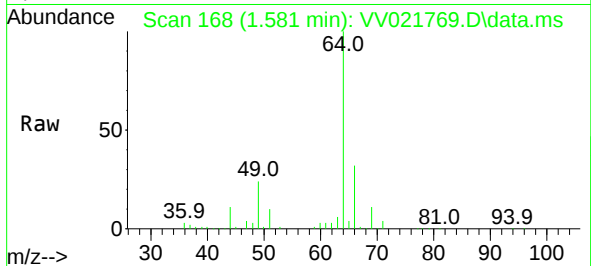




#8
Chloroethane
Concen: 5.286 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

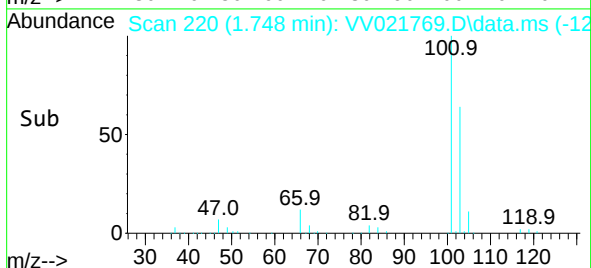
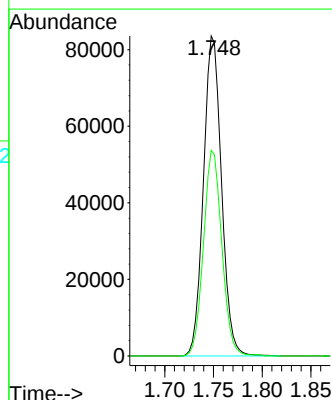
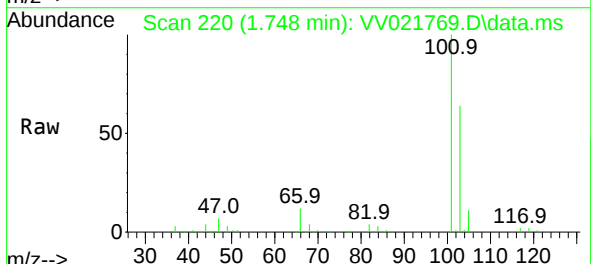
Instrument :
MSVOA_V
ClientSampleId :

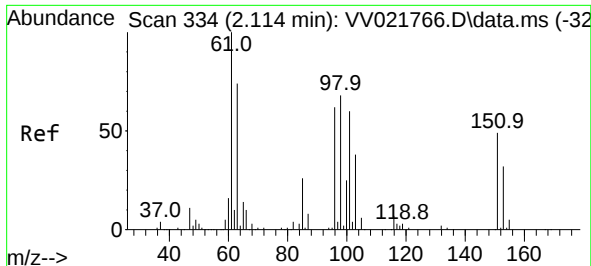
Tgt Ion: 64 Resp: 44919
Ion Ratio Lower Upper
64 100
66 32.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.422 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion:101 Resp: 107790
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.6

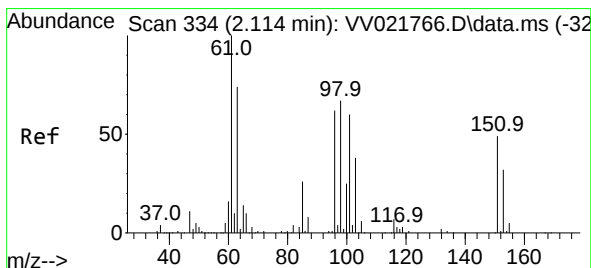
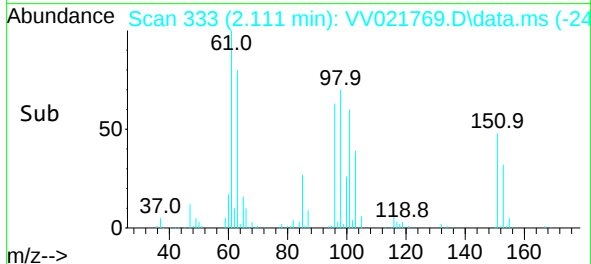
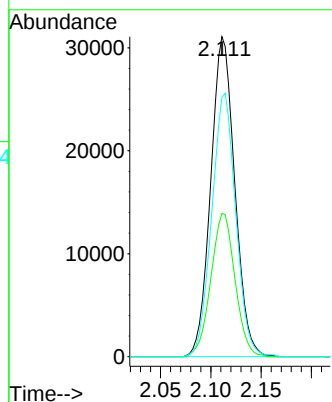
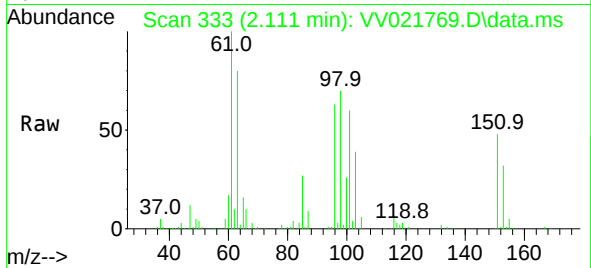




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.828 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

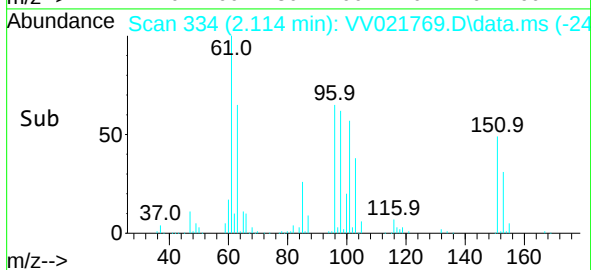
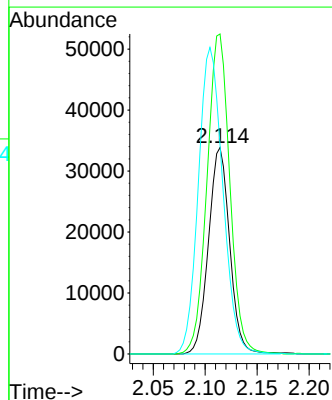
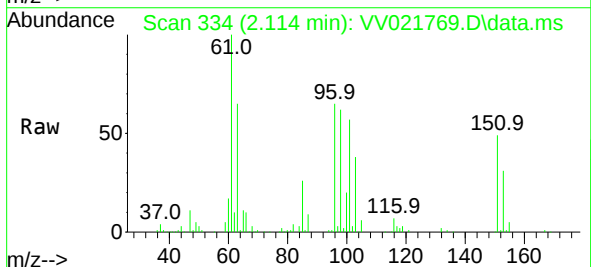
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ClientSampled :

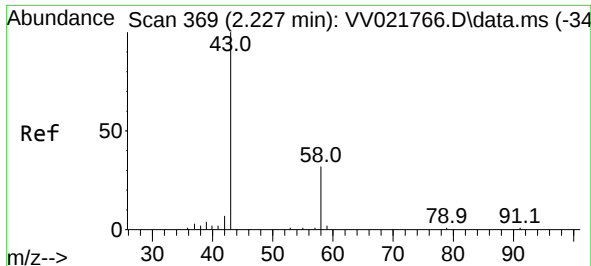
Tgt Ion:101 Resp: 51663
Ion Ratio Lower Upper
101 100
85 45.0 34.3 51.5
151 82.4 64.5 96.7



#12
1,1-Dichloroethene
Concen: 4.982 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 96 Resp: 47850
Ion Ratio Lower Upper
96 100
61 155.0 113.3 210.3
63 101.3 84.1 156.1

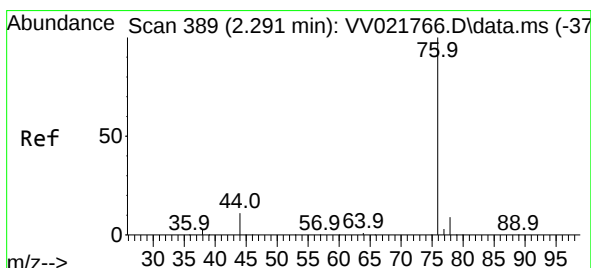
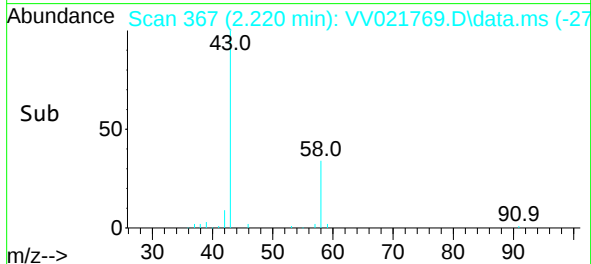
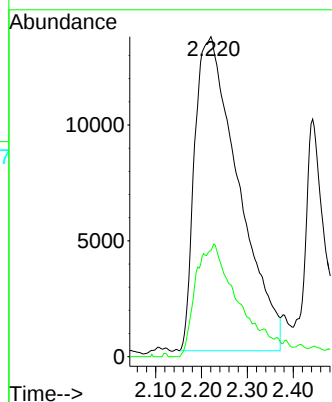
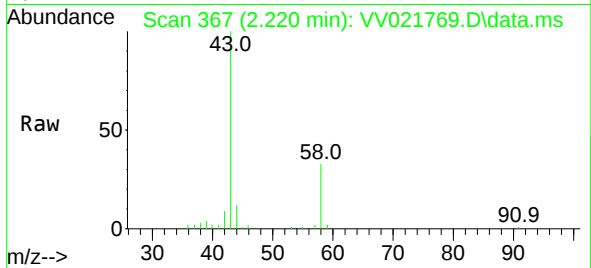




#13
Acetone
Concen: 44.658 ug/L
RT: 2.220 min Scan# 367
Delta R.T. -0.007 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

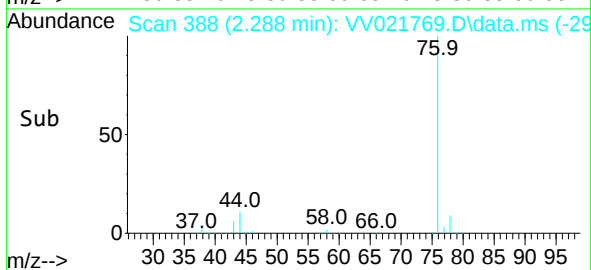
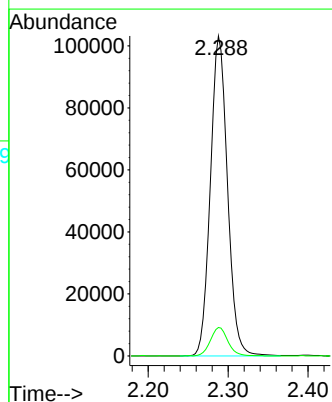
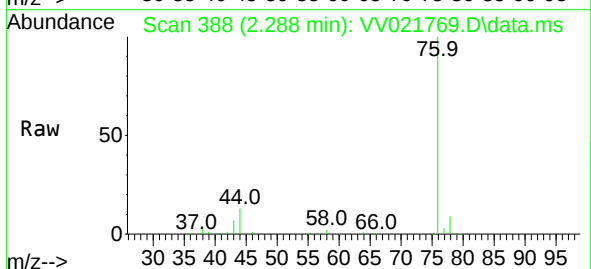
Instrument :
MSVOA_V
ClientSampled :

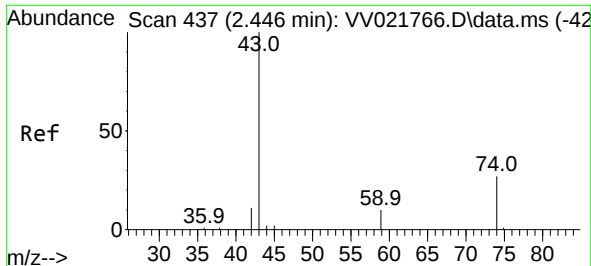
Tgt Ion: 43 Resp: 89721
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.2



#14
Carbon disulfide
Concen: 5.471 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 76 Resp: 153672
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

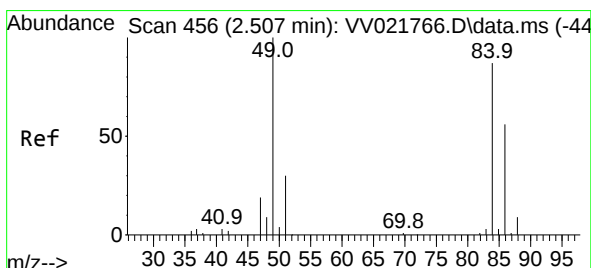
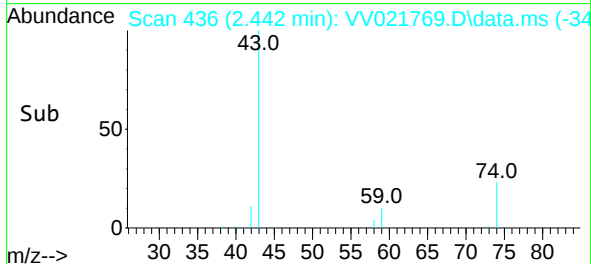
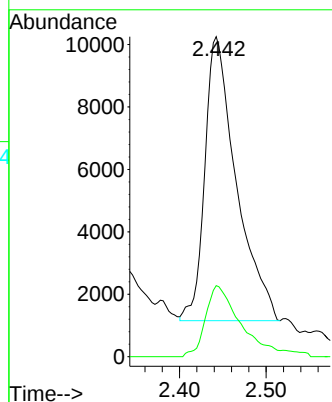
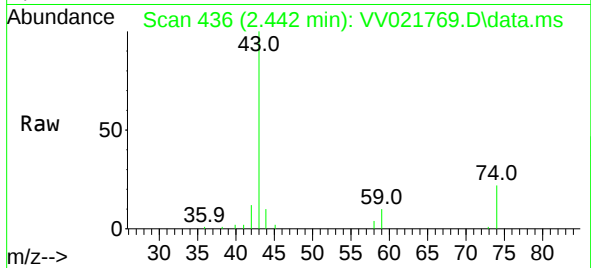




#15
Methyl Acetate
Concen: 3.993 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

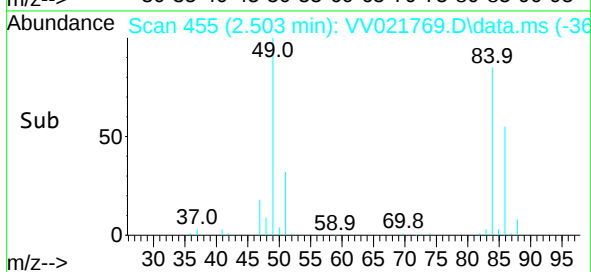
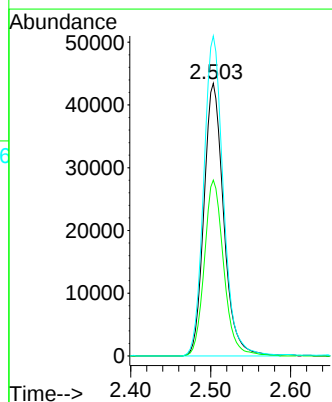
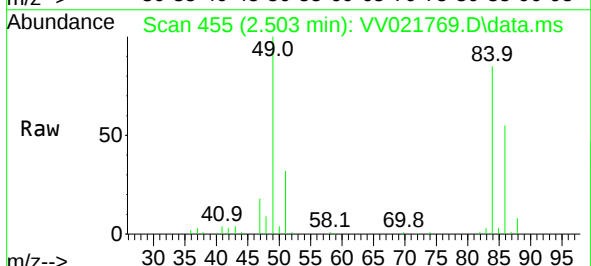
Instrument :
MSVOA_V
ClientSampled :

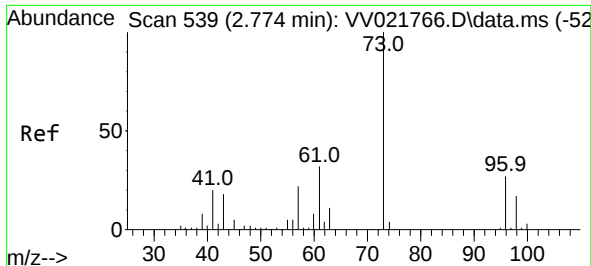
Tgt Ion: 43 Resp: 23052
Ion Ratio Lower Upper
43 100
74 27.3 19.4 29.2



#16
Methylene chloride
Concen: 4.294 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 84 Resp: 74496
Ion Ratio Lower Upper
84 100
86 64.5 44.7 83.1
49 117.4 80.2 149.0

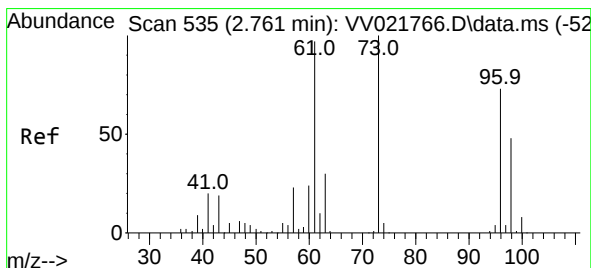
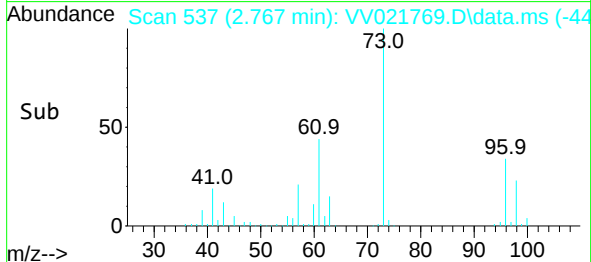
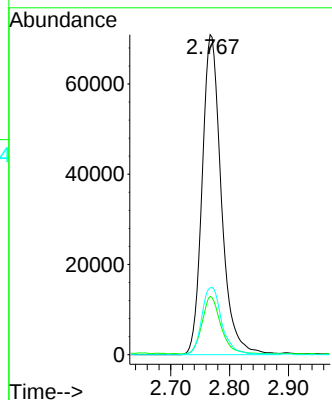
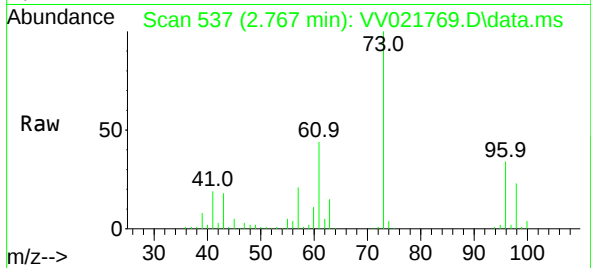




#17
Methyl tert-butyl Ether
Concen: 5.314 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.007 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

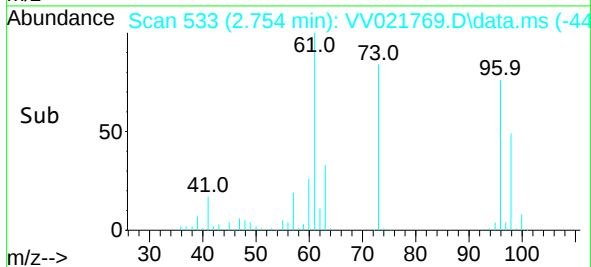
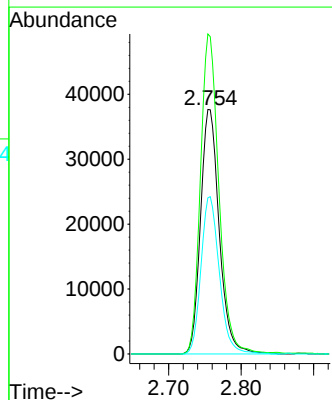
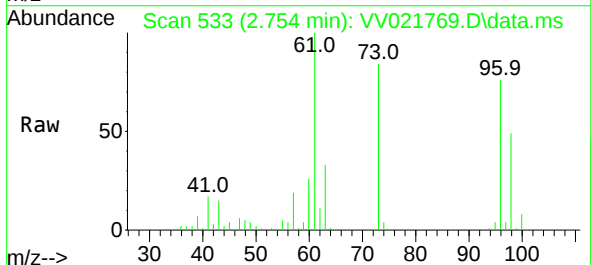
Instrument :
MSVOA_V
ClientSampleId :

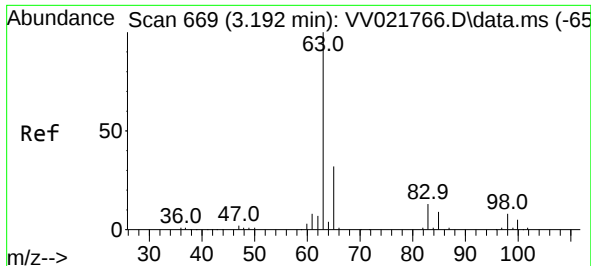
Tgt Ion: 73 Resp: 160435
Ion Ratio Lower Upper
73 100
43 17.6 14.6 22.0
57 22.0 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.449 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.007 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 96 Resp: 67431
Ion Ratio Lower Upper
96 100
61 130.9 92.9 172.5
98 63.9 46.2 85.8





#19

1,1-Dichloroethane

Concen: 5.360 ug/L

RT: 3.188 min Scan# 668

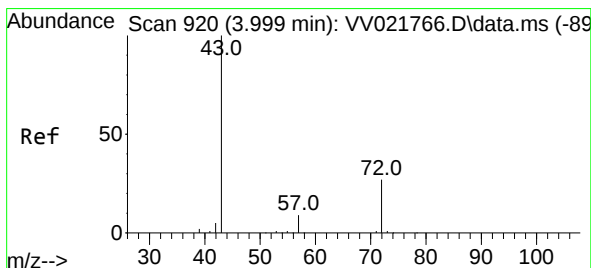
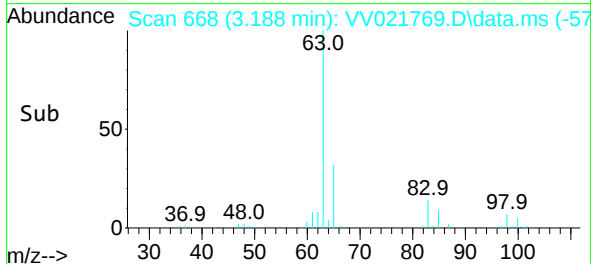
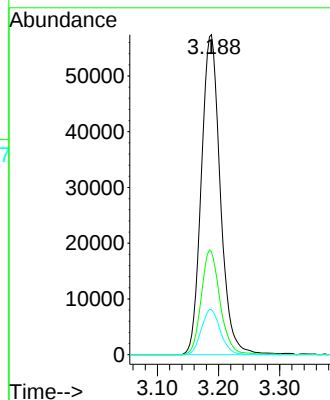
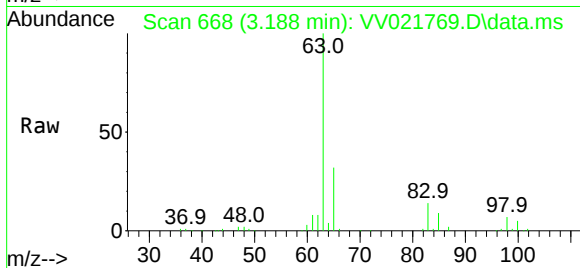
Delta R.T. -0.003 min

Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 63 Resp: 123831

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.5	41.7
83	14.1	9.2	17.0



#21

2-Butanone

Concen: 49.086 ug/L

RT: 3.992 min Scan# 918

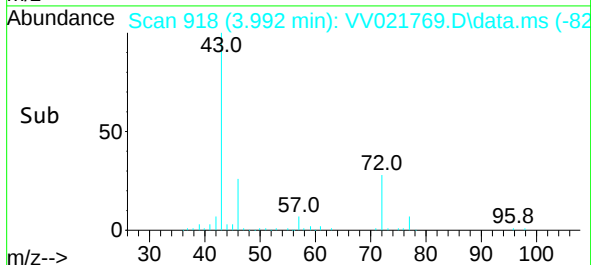
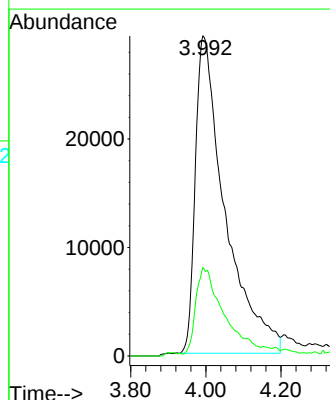
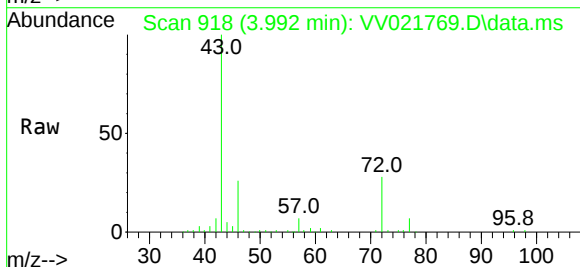
Delta R.T. -0.007 min

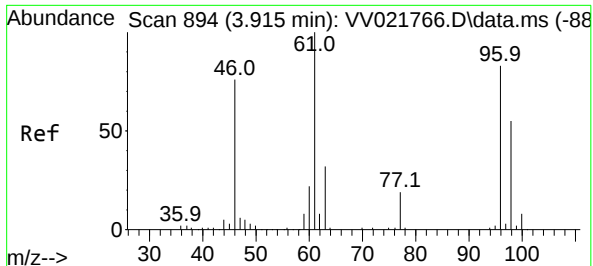
Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 43 Resp: 160923

Ion	Ratio	Lower	Upper
43	100		
72	25.4	13.1	39.1





#22

cis-1,2-Dichloroethene

Concen: 5.340 ug/L

RT: 3.908 min Scan# 892

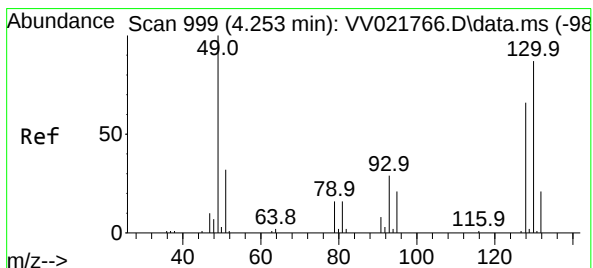
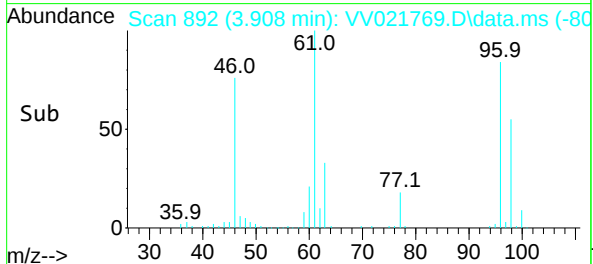
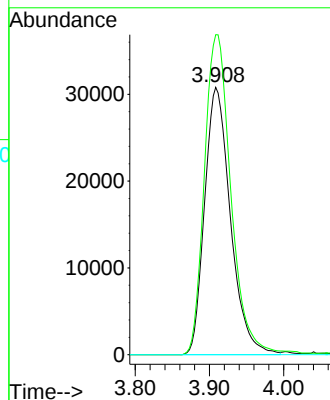
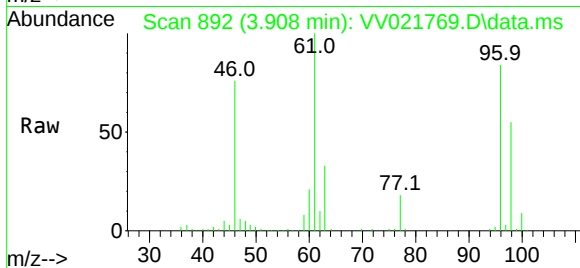
Delta R.T. -0.007 min

Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 96 Resp: 74576

Ion	Ratio	Lower	Upper
96	100		
61	119.7	84.5	156.9
68	0.0	0.0	0.0



#23

Bromochloromethane

Concen: 5.327 ug/L

RT: 4.246 min Scan# 997

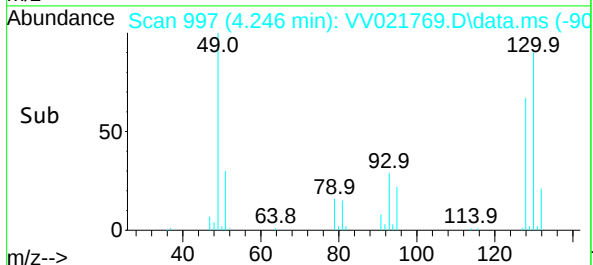
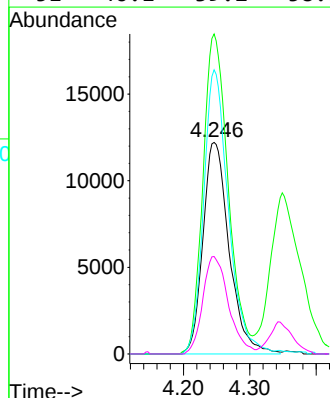
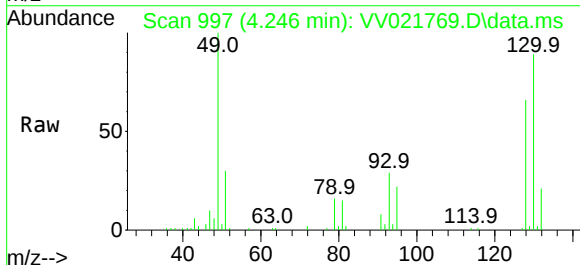
Delta R.T. -0.007 min

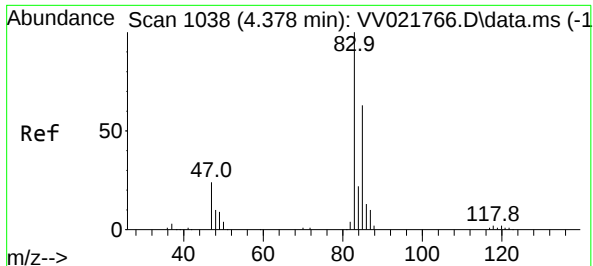
Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 128 Resp: 33480

Ion	Ratio	Lower	Upper
128	100		
49	151.3	106.0	196.9
130	134.3	92.0	170.8
51	46.1	39.2	58.8





#25

Chloroform

Concen: 5.206 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VV021769.D

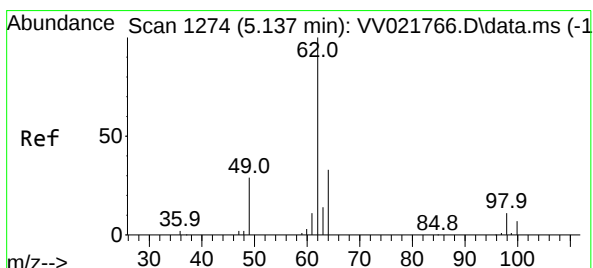
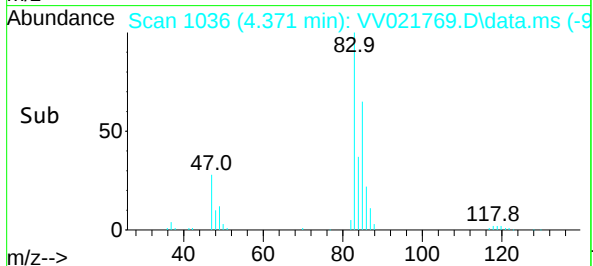
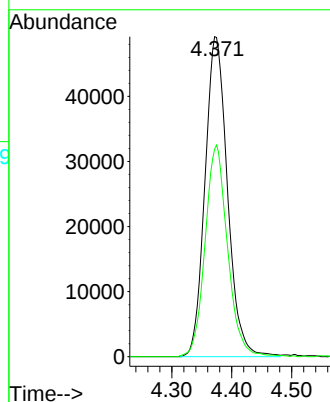
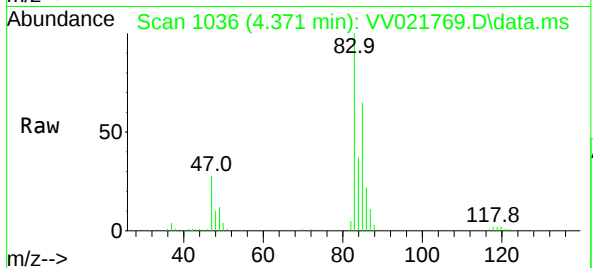
Acq: 11 Aug 2021 12:00

Tgt Ion: 83 Resp: 128320

Ion Ratio Lower Upper

83 100

85 64.9 44.2 82.2



#27

1,2-Dichloroethane

Concen: 4.969 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.007 min

Lab File: VV021769.D

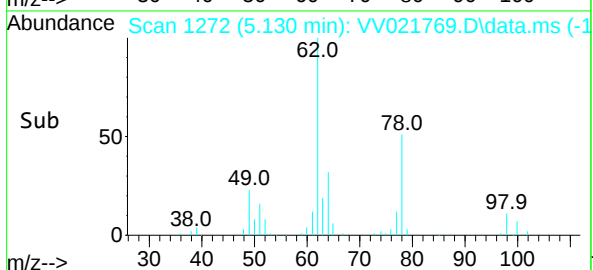
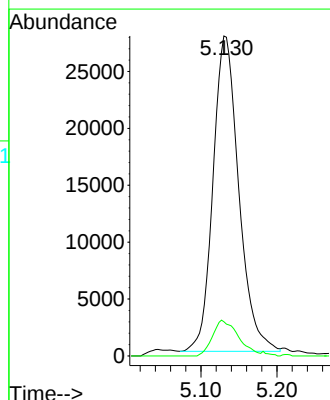
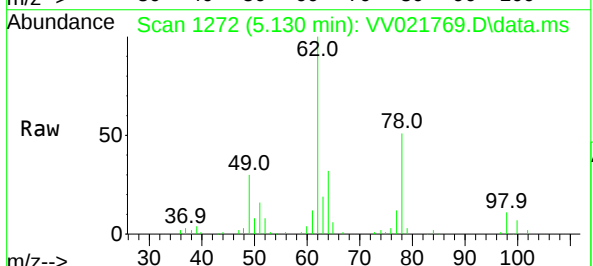
Acq: 11 Aug 2021 12:00

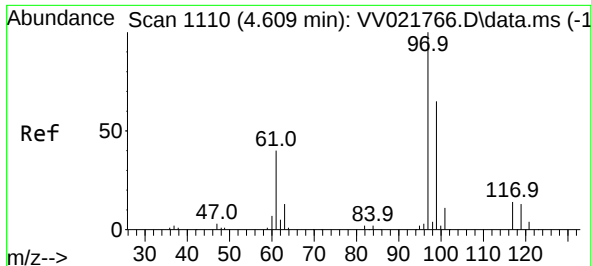
Tgt Ion: 62 Resp: 65333

Ion Ratio Lower Upper

62 100

98 10.7 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.443 ug/L

RT: 4.603 min Scan# 1108

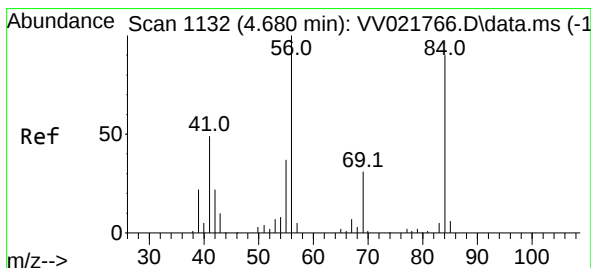
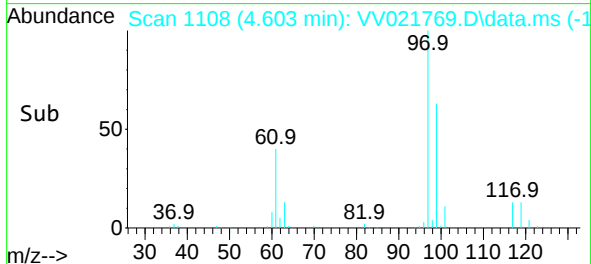
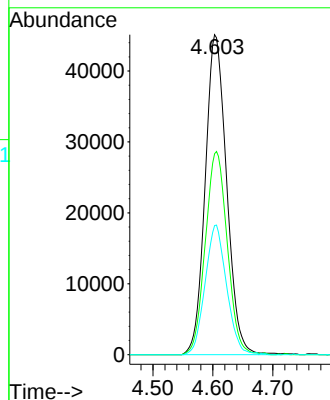
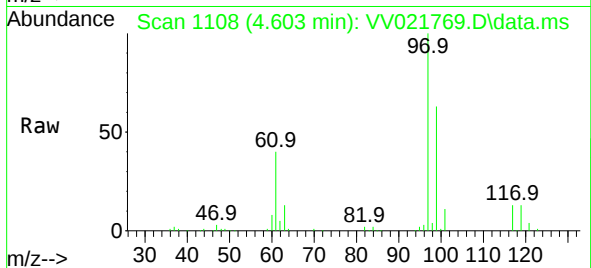
Delta R.T. -0.007 min

Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 97 Resp: 112233

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.0	78.0
61	40.6	32.6	48.8



#30

Cyclohexane

Concen: 5.510 ug/L

RT: 4.674 min Scan# 1130

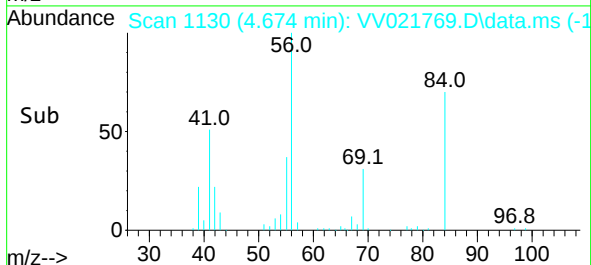
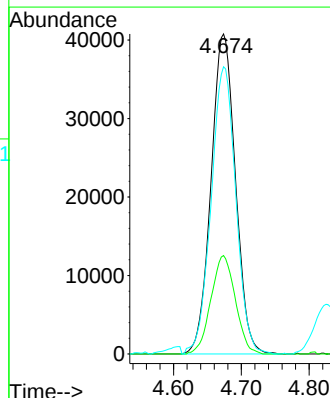
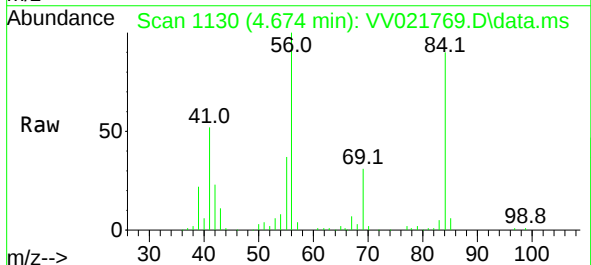
Delta R.T. -0.007 min

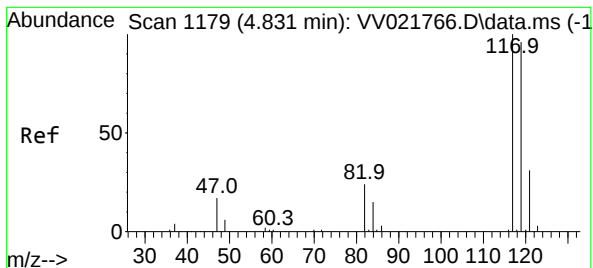
Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 56 Resp: 102036

Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.2	36.2
84	90.8	72.7	109.1

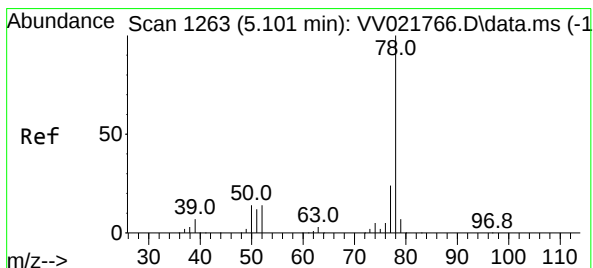
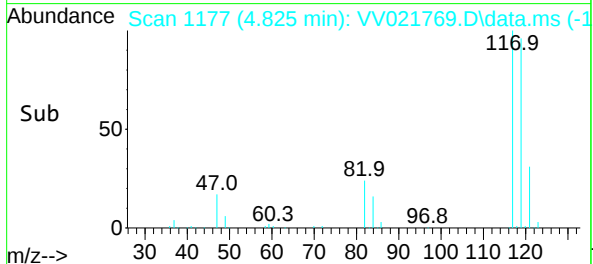
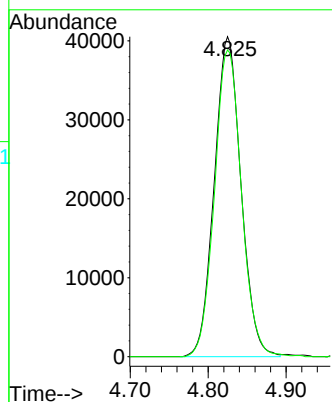
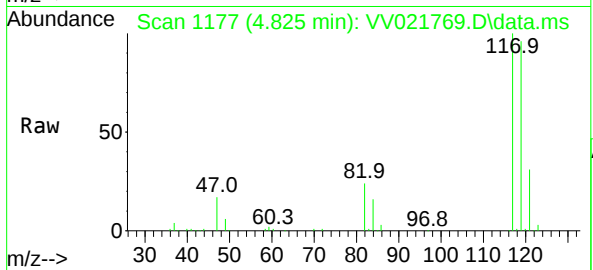




#31
Carbon tetrachloride
Concen: 5.437 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.007 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

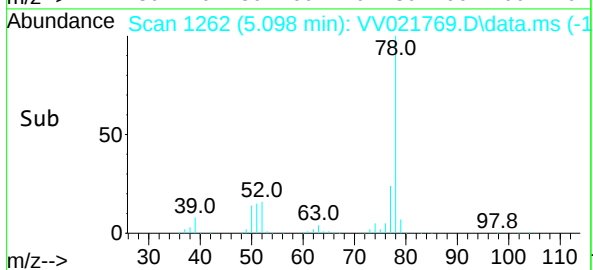
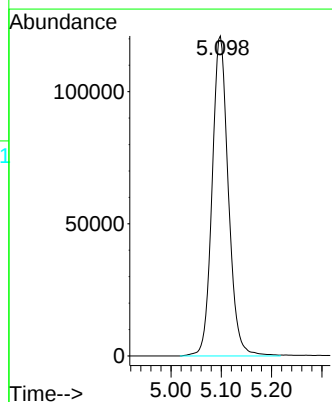
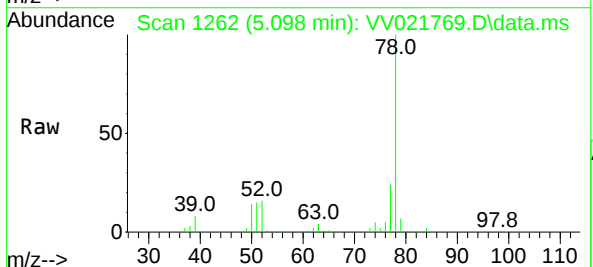
Instrument :
MSVOA_V
ClientSampled :

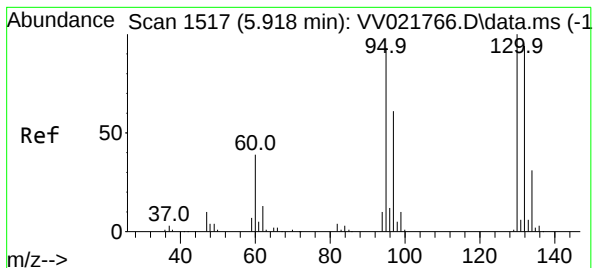
Tgt Ion:117 Resp: 96610
Ion Ratio Lower Upper
117 100
119 96.9 77.3 115.9



#33
Benzene
Concen: 5.495 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 78 Resp: 271621





#34

Trichloroethene

Concen: 5.490 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.007 min

Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 95 Resp: 76342

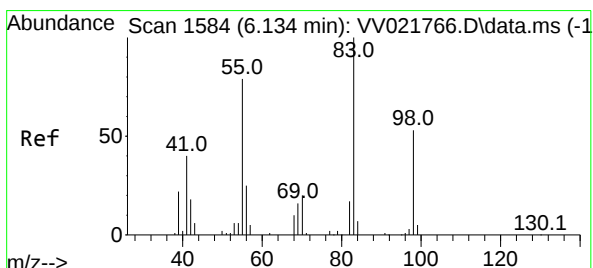
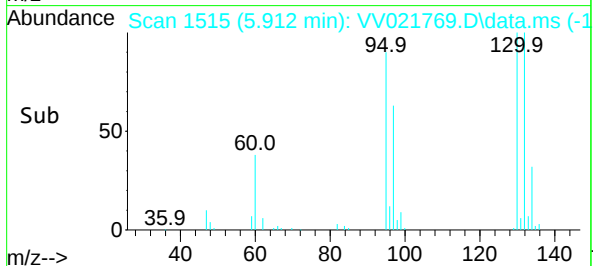
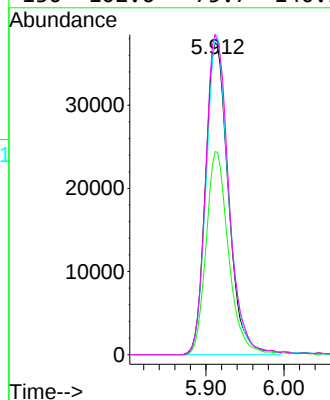
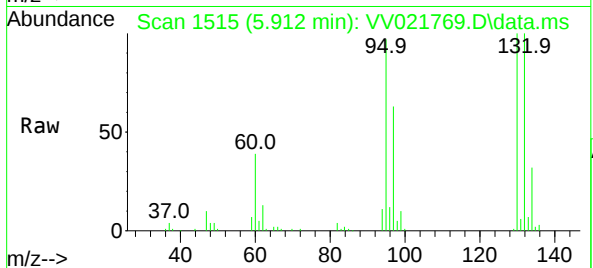
Ion Ratio Lower Upper

95 100

97 65.1 46.1 85.5

132 102.4 71.4 132.6

130 102.6 75.7 140.5



#35

Methylcyclohexane

Concen: 5.580 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

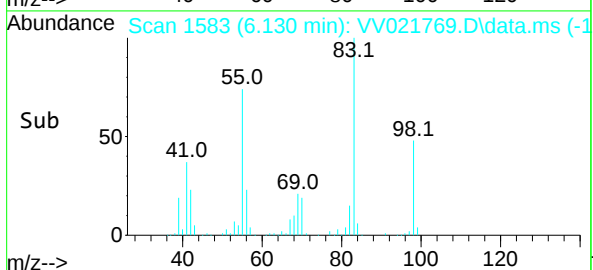
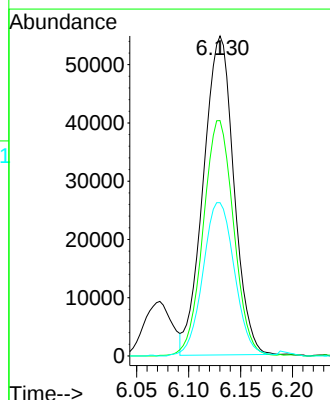
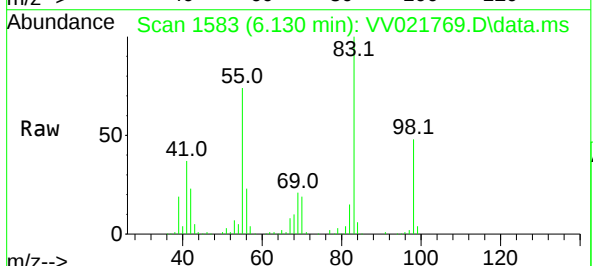
Tgt Ion: 83 Resp: 111878

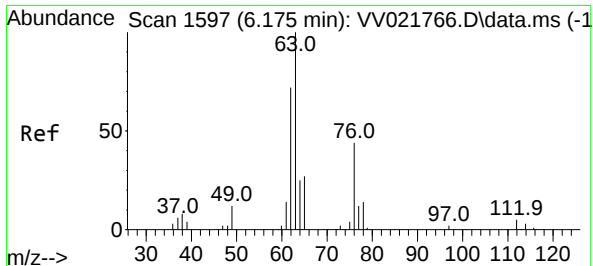
Ion Ratio Lower Upper

83 100

55 73.8 57.8 86.6

98 49.8 38.5 57.7

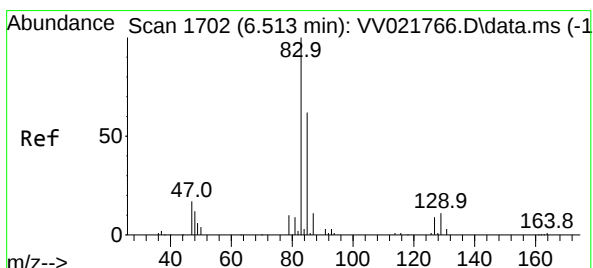
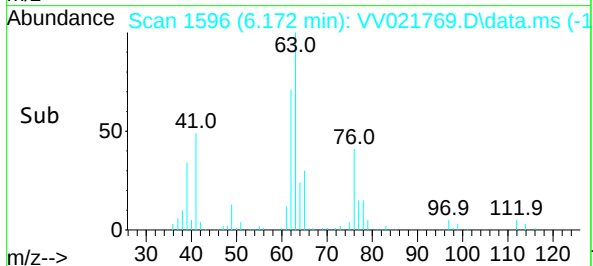
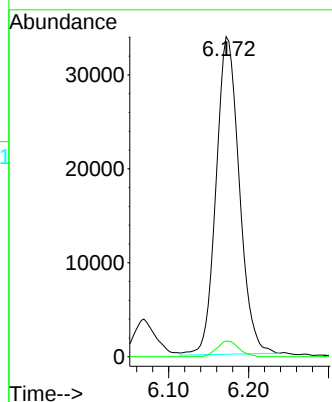
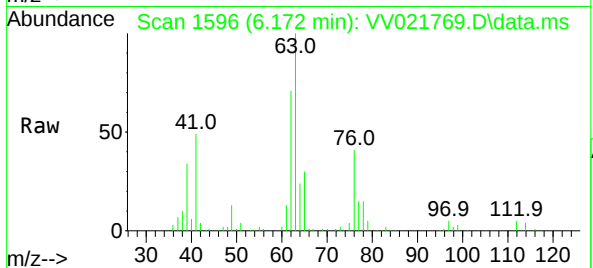




#37
1,2-Dichloropropane
Concen: 5.429 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

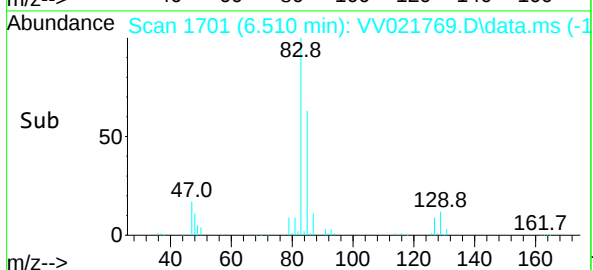
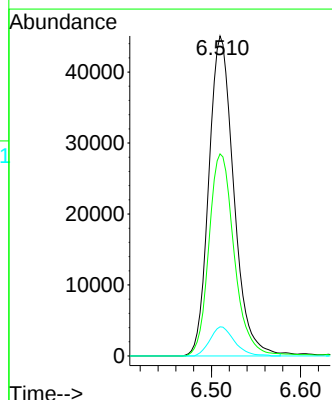
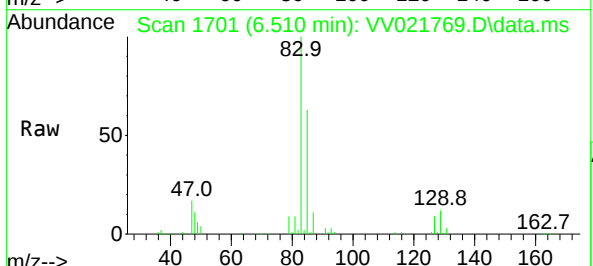
Instrument :
MSVOA_V
ClientSampleId :

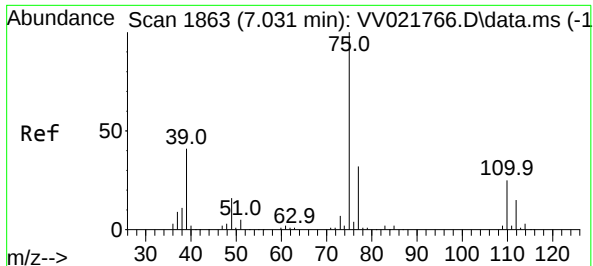
Tgt Ion: 63 Resp: 68190
Ion Ratio Lower Upper
63 100
112 4.6 4.0 6.0



#38
Bromodichloromethane
Concen: 5.402 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 83 Resp: 87551
Ion Ratio Lower Upper
83 100
85 63.1 43.5 80.7
127 9.1 6.9 10.3

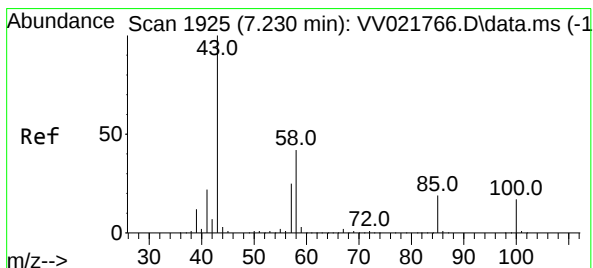
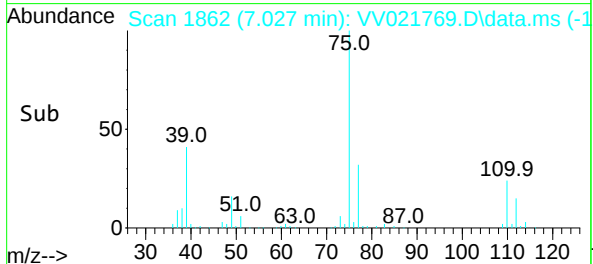
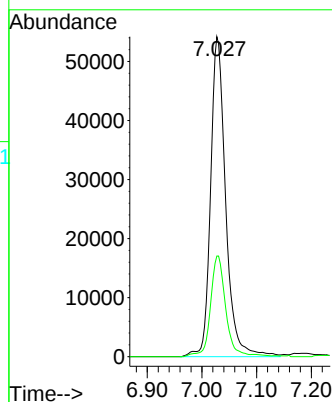
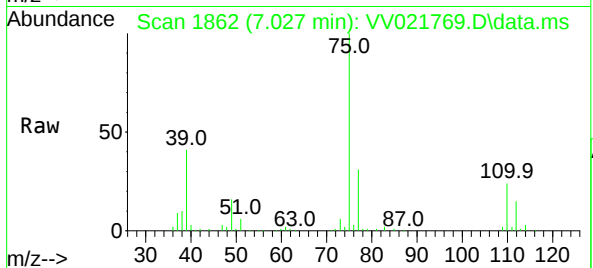




#39
 cis-1,3-Dichloropropene
 Concen: 5.729 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV021769.D
 Acq: 11 Aug 2021 12:00

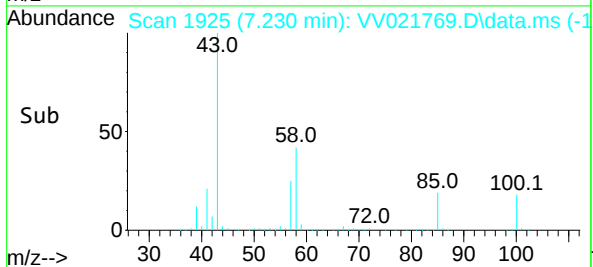
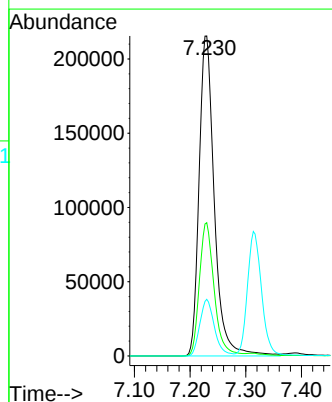
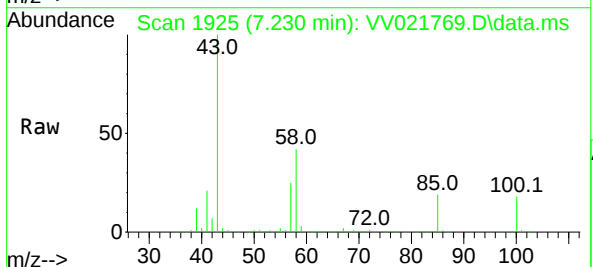
Instrument :
 MSVOA_V
 ClientSampleId :

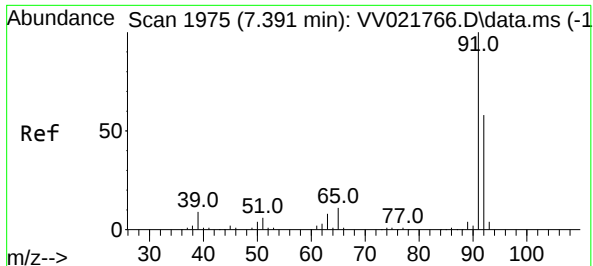
Tgt Ion: 75 Resp: 103952
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 53.191 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VV021769.D
 Acq: 11 Aug 2021 12:00

Tgt Ion: 43 Resp: 410484
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.9 49.3
 100 17.0 13.5 20.3

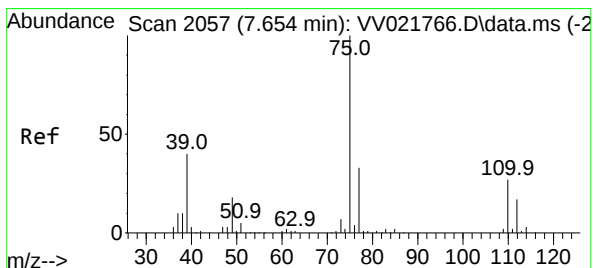
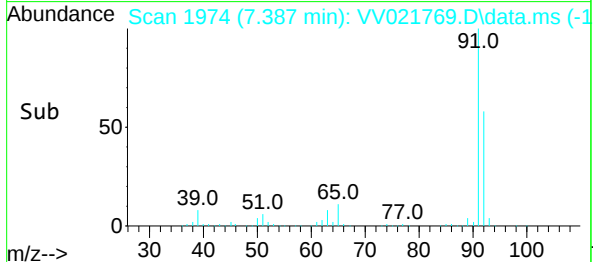
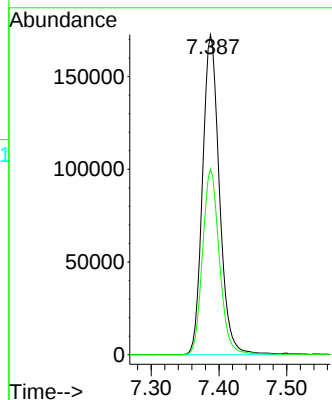
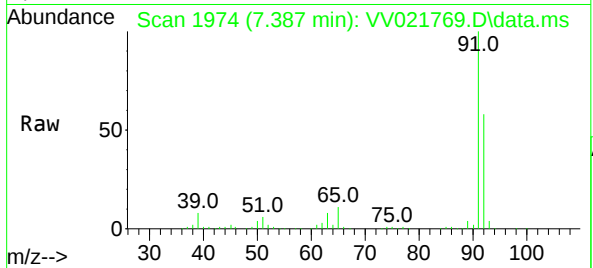




#42
Toluene
Concen: 5.568 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.004 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

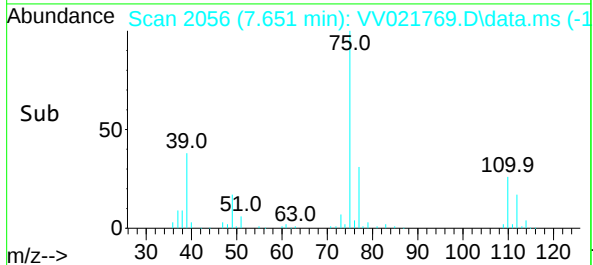
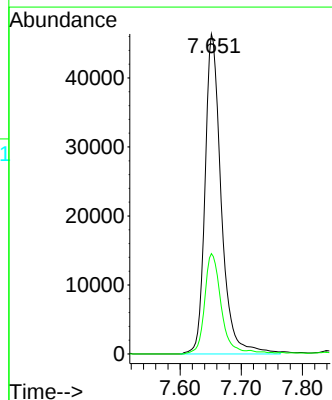
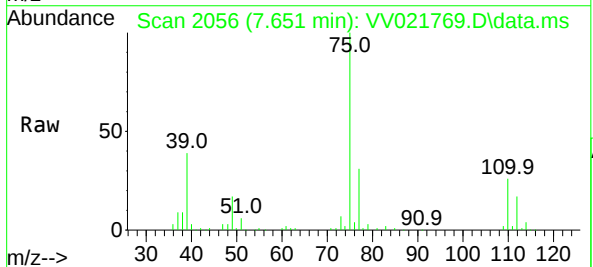
Instrument :
MSVOA_V
ClientSampled :

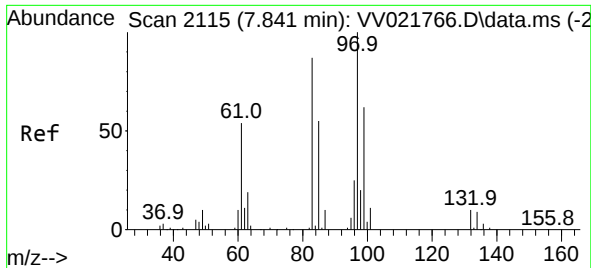
Tgt Ion: 91 Resp: 298015
Ion Ratio Lower Upper
91 100
92 58.0 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 5.558 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 75 Resp: 85527
Ion Ratio Lower Upper
75 100
77 31.3 23.3 43.3





#45

1,1,2-Trichloroethane

Concen: 5.308 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 97 Resp: 49861

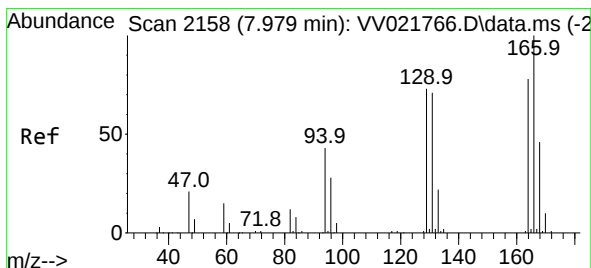
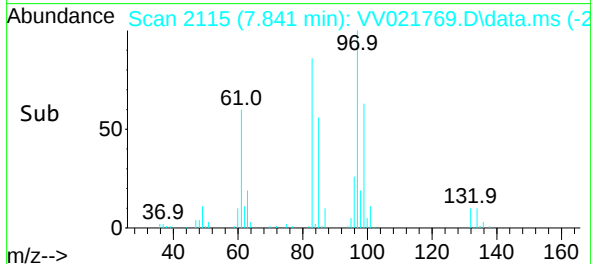
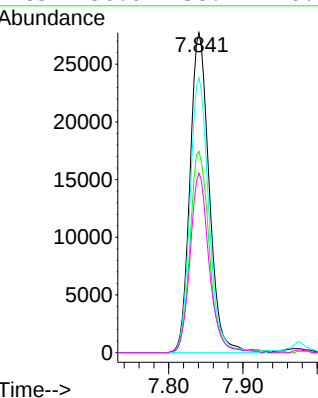
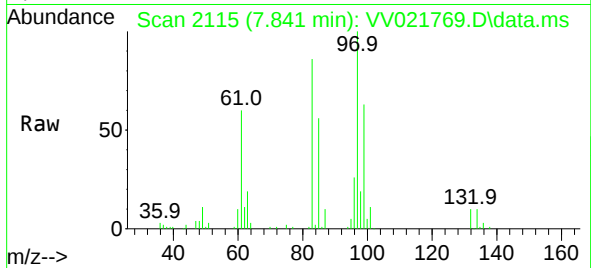
Ion Ratio Lower Upper

97 100

99 62.9 43.8 81.3

83 85.9 60.8 113.0

85 56.0 38.1 70.9



#47

Tetrachloroethene

Concen: 5.619 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV021769.D

Acq: 11 Aug 2021 12:00

Tgt Ion: 164 Resp: 60680

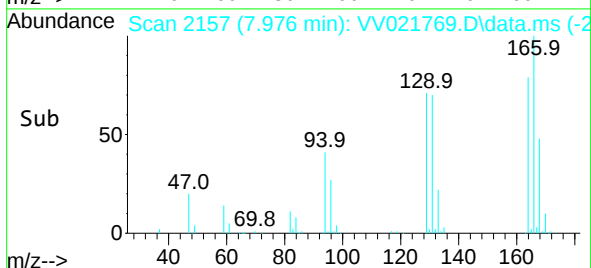
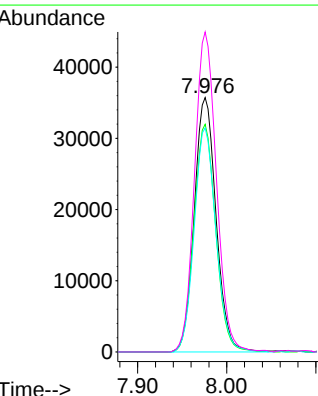
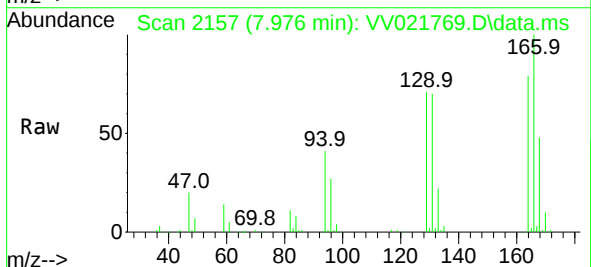
Ion Ratio Lower Upper

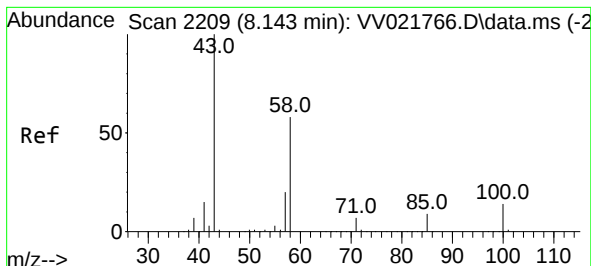
164 100

129 89.5 65.4 121.4

131 88.0 64.3 119.3

166 125.8 90.2 167.4

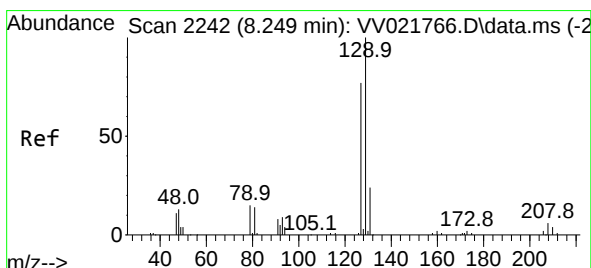
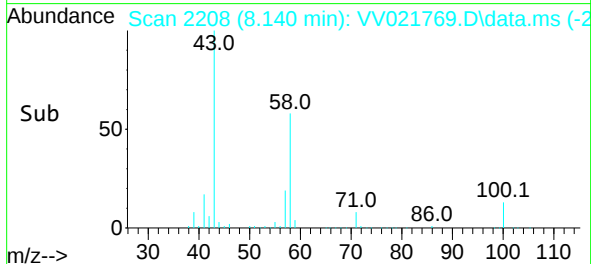
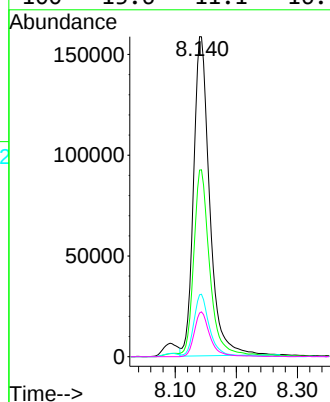
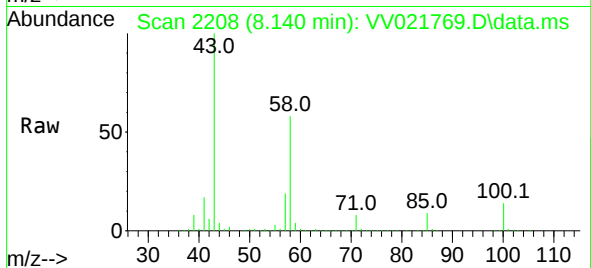




#48
2-Hexanone
Concen: 54.523 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

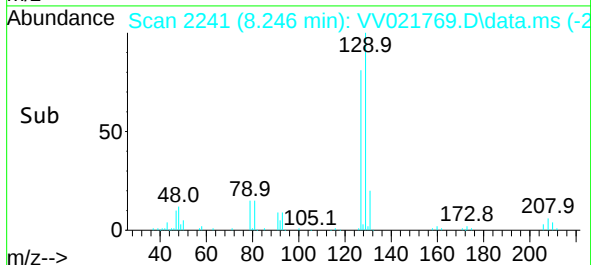
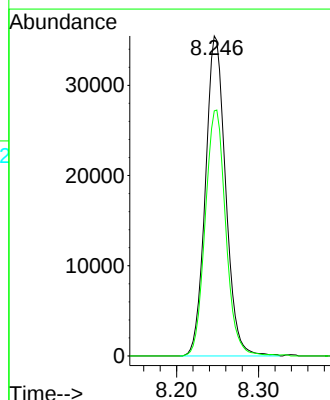
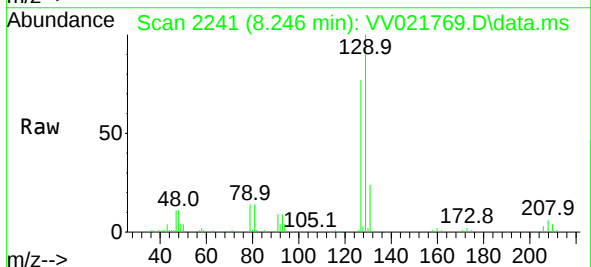
Instrument :
MSVOA_V
ClientSampleId :

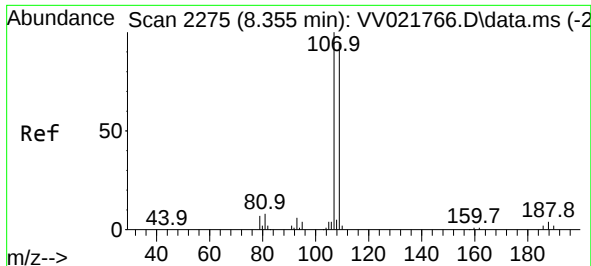
Tgt Ion:	43	Resp:	290016
Ion	Ratio	Lower	Upper
43	100		
58	55.1	48.3	72.5
57	18.3	15.4	23.2
100	13.6	11.1	16.7



#49
Dibromochloromethane
Concen: 5.443 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion:	129	Resp:	60722
Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.9	100.1

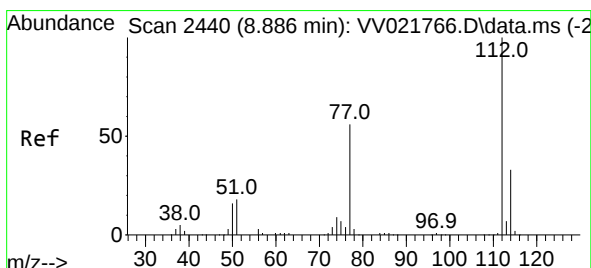
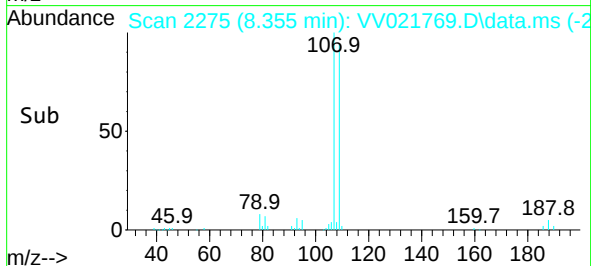
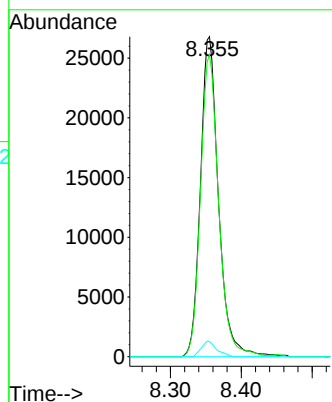
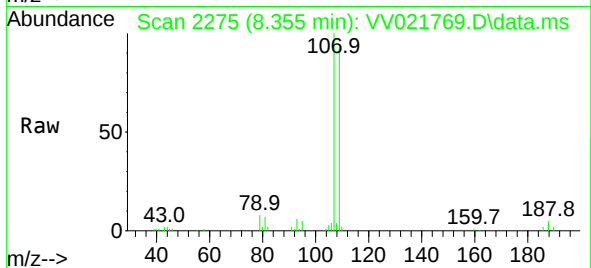




#50
1,2-Dibromoethane
Concen: 5.422 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

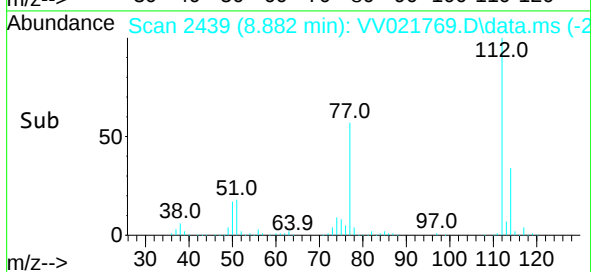
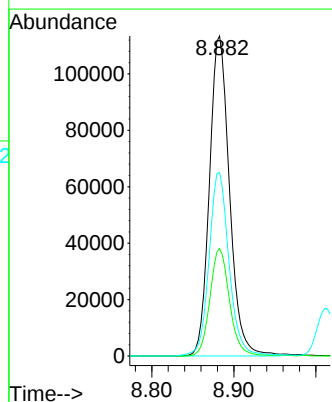
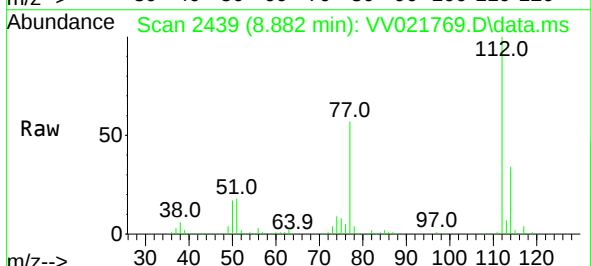
Instrument :
MSVOA_V
ClientSampleId :

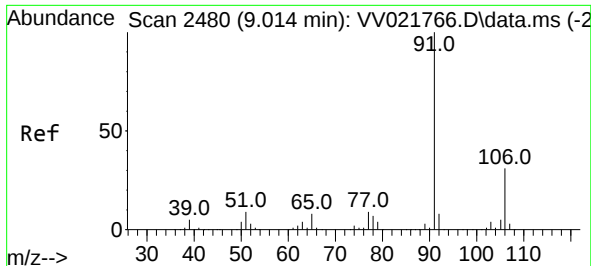
Tgt Ion:107 Resp: 47483
Ion Ratio Lower Upper
107 100
109 94.4 66.1 122.7
188 4.7 2.9 4.3#



#51
Chlorobenzene
Concen: 5.411 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion:112 Resp: 192872
Ion Ratio Lower Upper
112 100
114 33.5 23.2 43.0
77 57.3 44.6 67.0





#52

Ethylbenzene

Concen: 5.618 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV021769.D

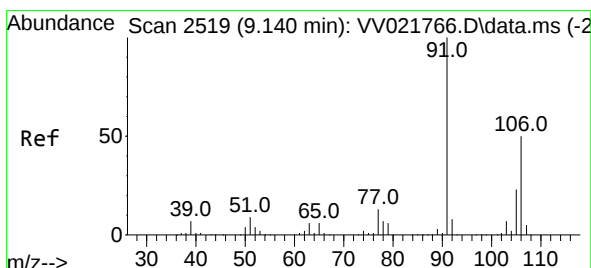
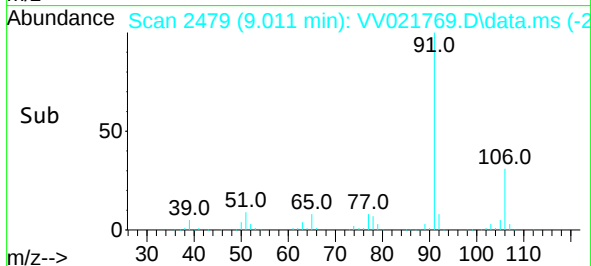
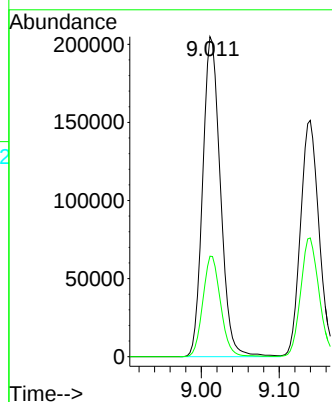
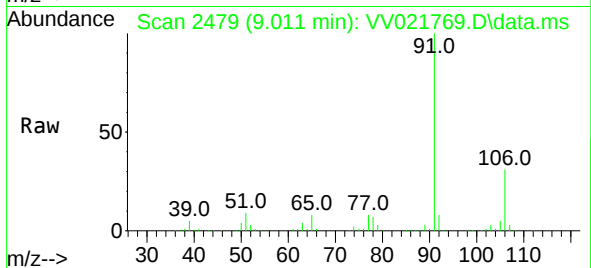
Acq: 11 Aug 2021 12:00

Tgt Ion: 91 Resp: 323775

Ion Ratio Lower Upper

91 100

106 31.4 22.0 41.0



#53

m,p-xylene

Concen: 5.540 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV021769.D

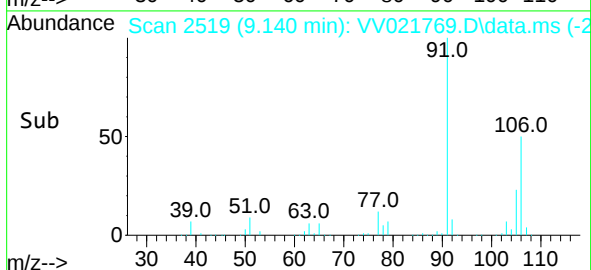
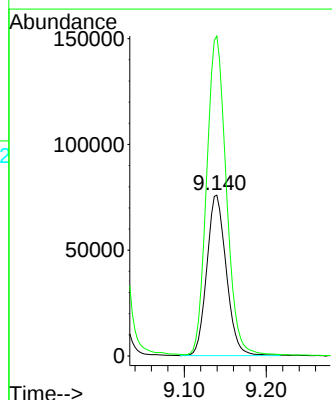
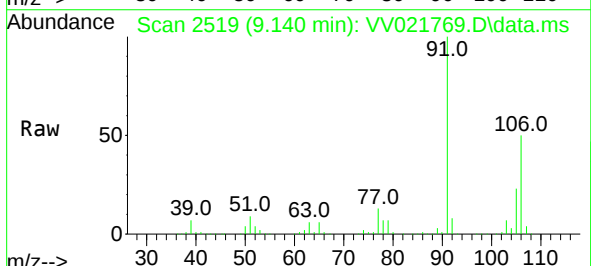
Acq: 11 Aug 2021 12:00

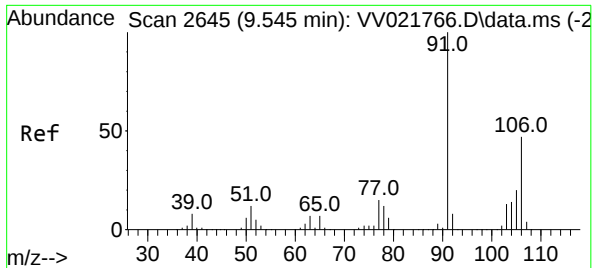
Tgt Ion: 106 Resp: 124840

Ion Ratio Lower Upper

106 100

91 199.1 140.4 260.8

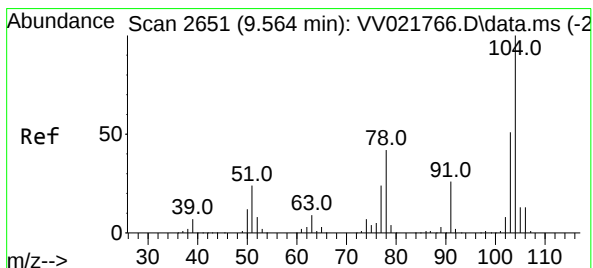
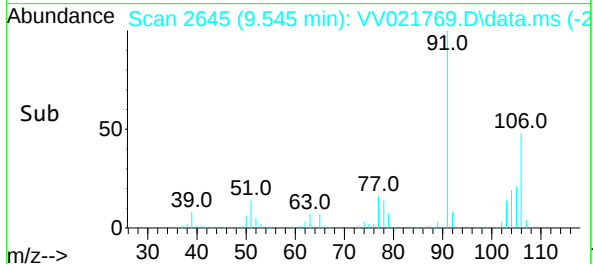
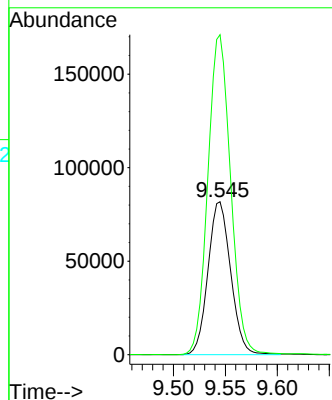
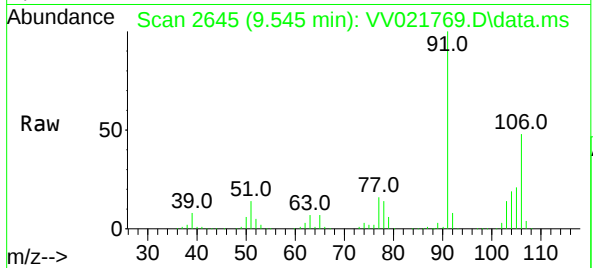




#54
o-xylene
Concen: 5.589 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

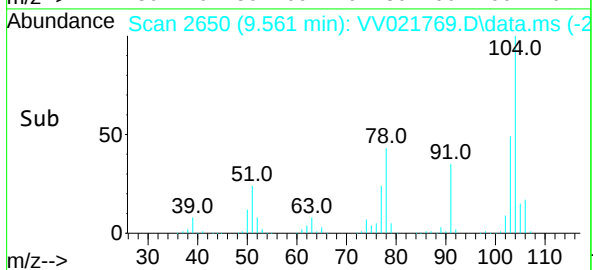
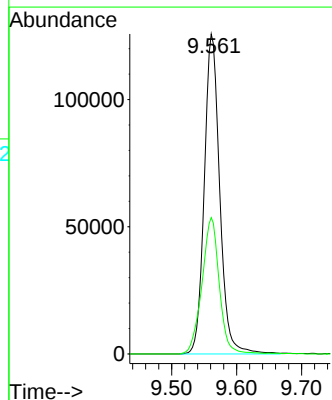
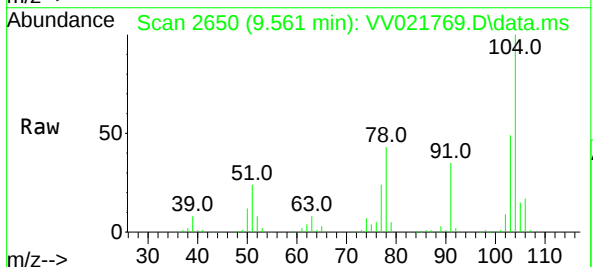
Instrument :
MSVOA_V
ClientSampled :

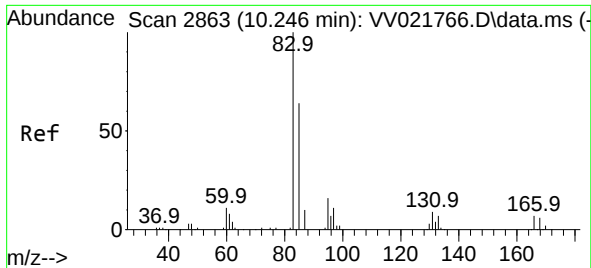
Tgt Ion:106 Resp: 124150
Ion Ratio Lower Upper
106 100
91 209.1 147.7 274.3



#55
Styrene
Concen: 5.667 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion:104 Resp: 208708
Ion Ratio Lower Upper
104 100
78 42.6 29.8 55.3

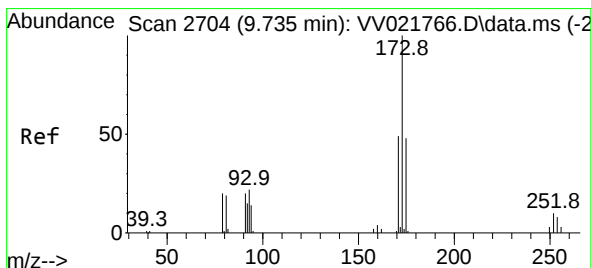
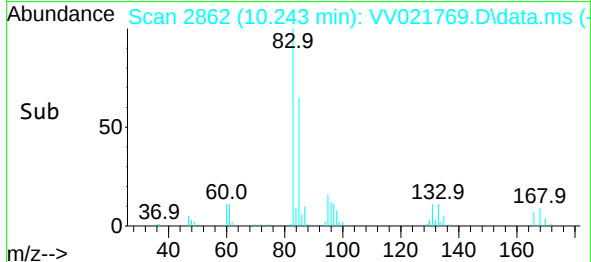
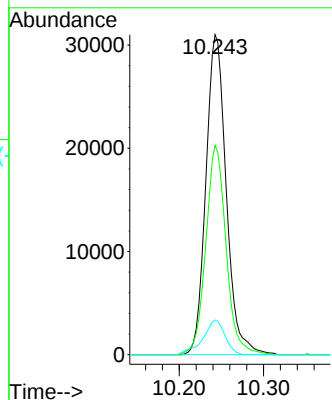
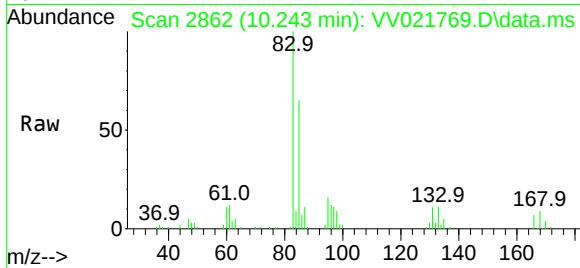




#57
1,1,2,2-Tetrachloroethane
Concen: 5.400 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

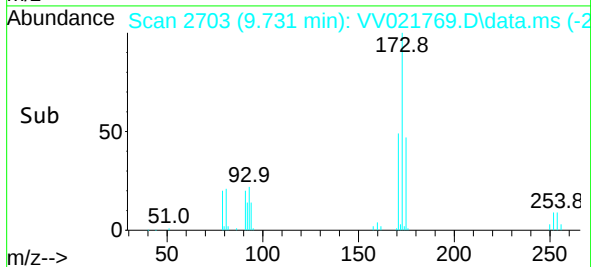
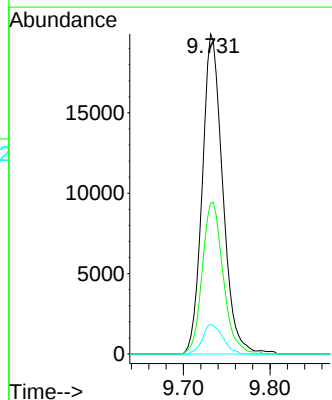
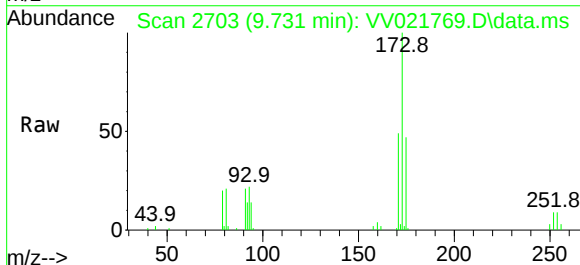
Instrument :
MSVOA_V
ClientSampleId :

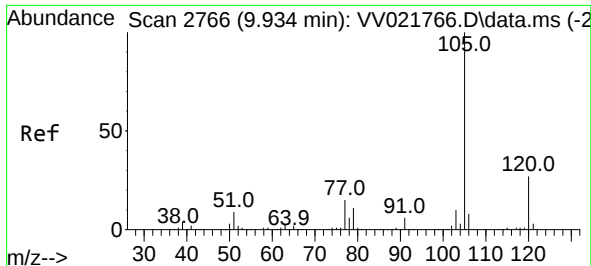
Tgt Ion: 83 Resp: 52157
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5
131 10.9 7.7 11.5



#59
Bromoform
Concen: 5.348 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 173 Resp: 32684
Ion Ratio Lower Upper
173 100
175 48.5 38.3 57.5
254 9.1 6.6 9.8

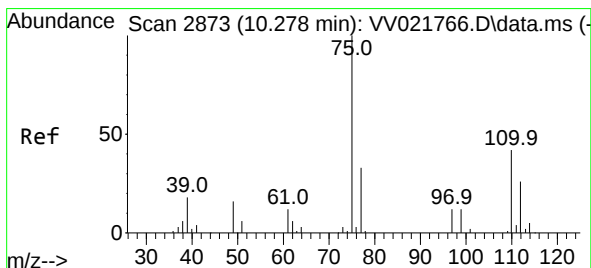
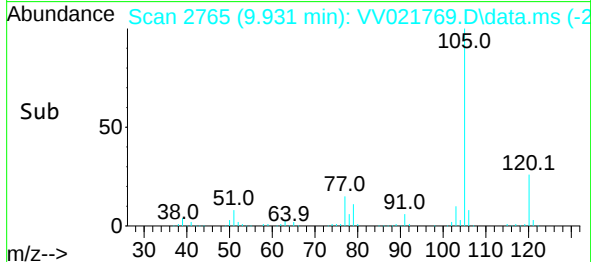
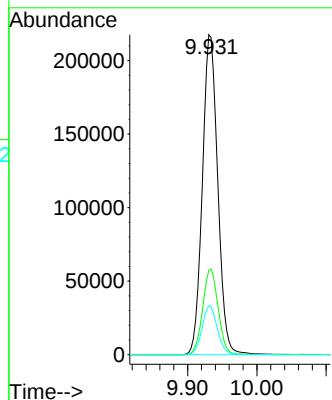
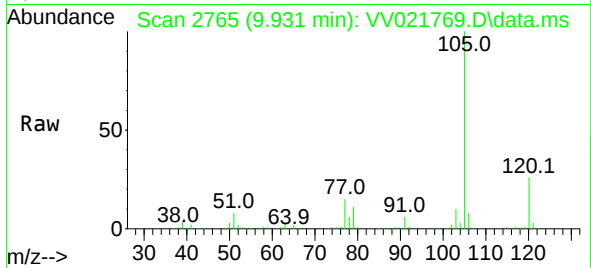




#60
Isopropylbenzene
Concen: 5.562 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

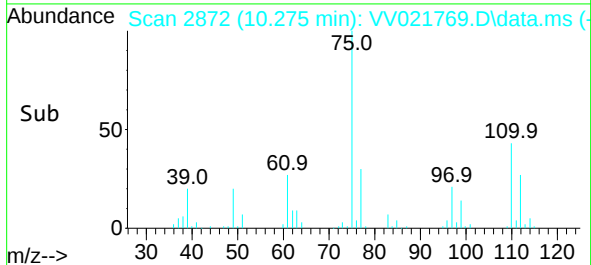
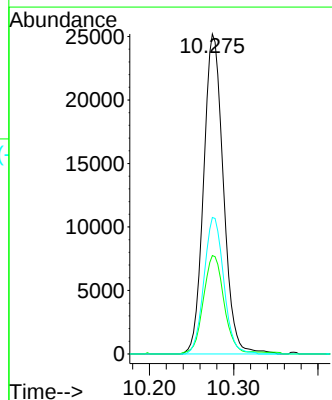
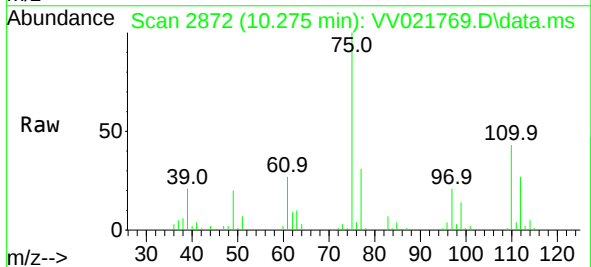
Instrument :
MSVOA_V
ClientSampleId :

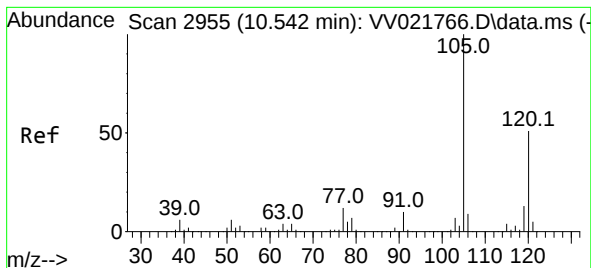
Tgt Ion:105 Resp: 335707
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.2 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 5.215 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 75 Resp: 41123
Ion Ratio Lower Upper
75 100
77 32.2 26.5 39.7
110 42.7 33.4 50.2





#62

1,3,5-Trimethylbenzene

Concen: 5.548 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV021769.D

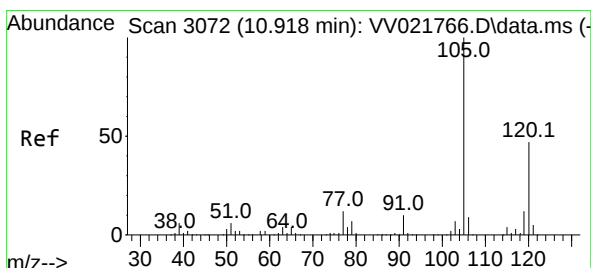
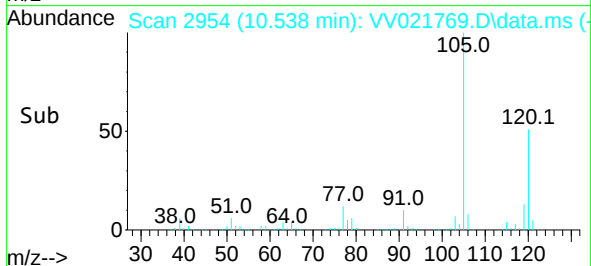
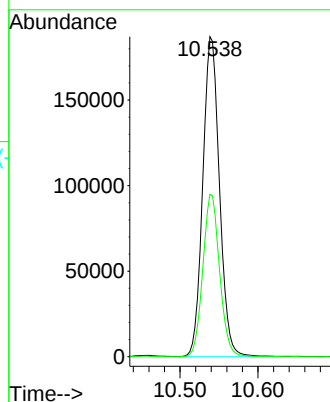
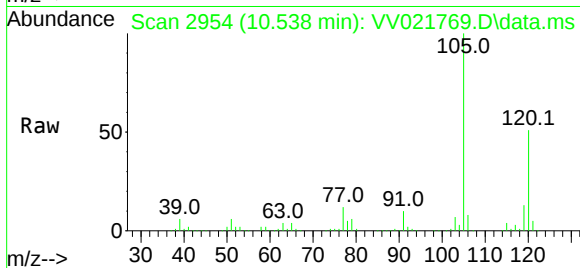
Acq: 11 Aug 2021 12:00

Tgt Ion:105 Resp: 278892

Ion Ratio Lower Upper

105 100

120 50.8 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 5.583 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.003 min

Lab File: VV021769.D

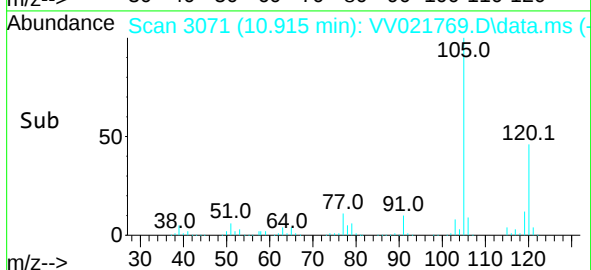
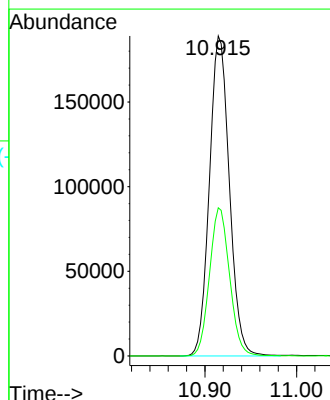
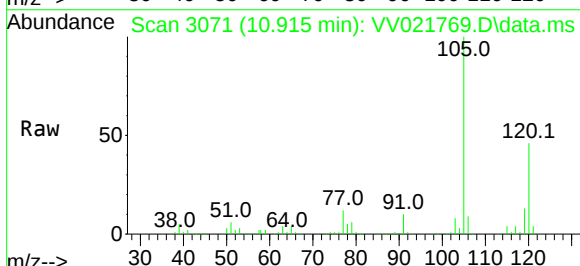
Acq: 11 Aug 2021 12:00

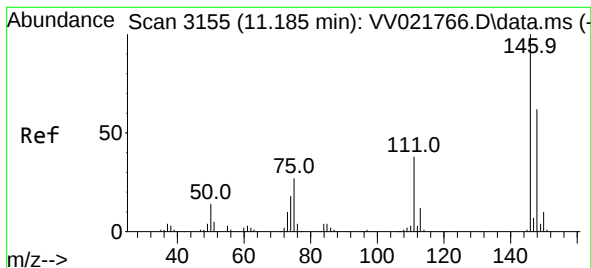
Tgt Ion:105 Resp: 285317

Ion Ratio Lower Upper

105 100

120 46.6 37.5 56.3

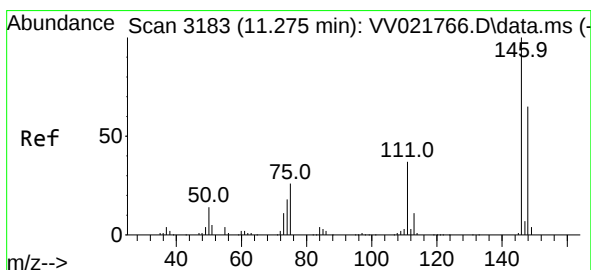
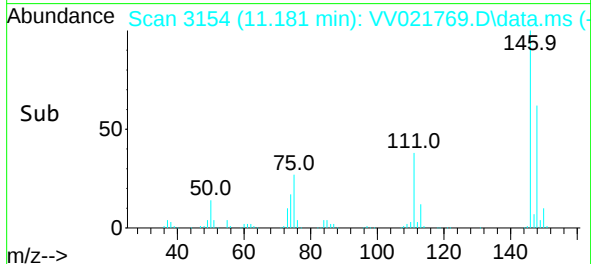
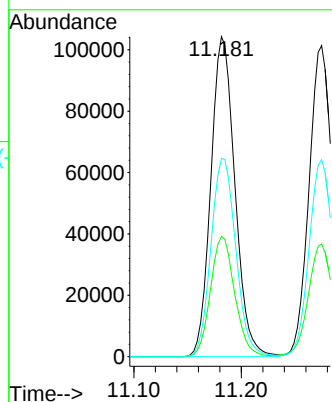
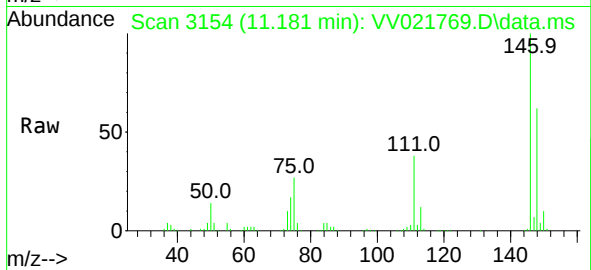




#64
1,3-Dichlorobenzene
Concen: 5.567 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

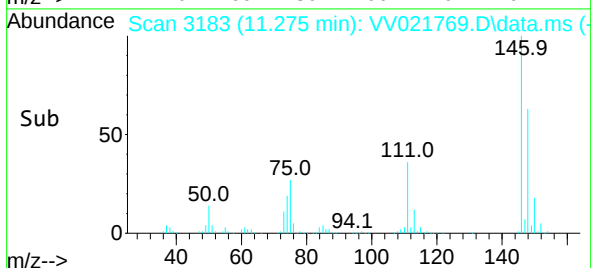
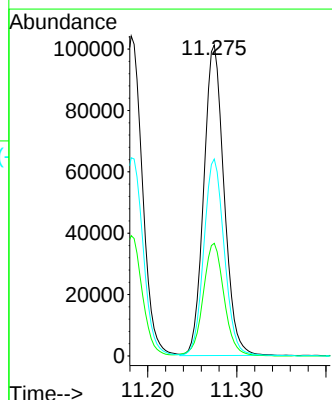
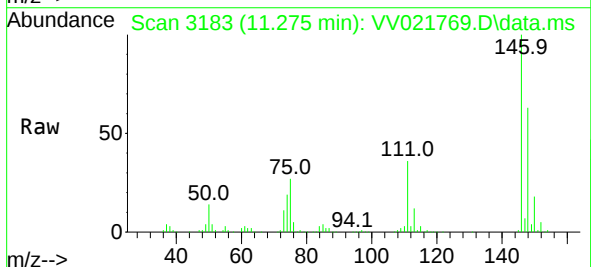
Instrument :
MSVOA_V
ClientSampleId :

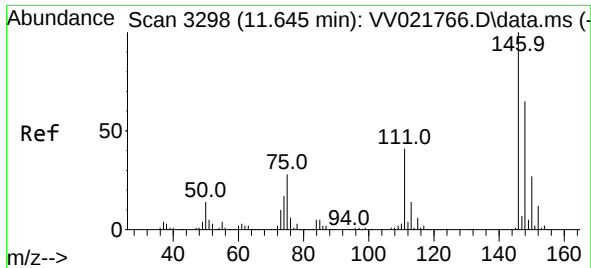
Tgt Ion:146 Resp: 162442
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 62.0 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 5.514 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion:146 Resp: 159996
Ion Ratio Lower Upper
146 100
111 36.2 25.9 48.1
148 63.3 45.4 84.2

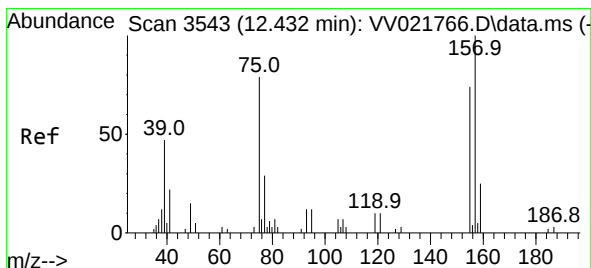
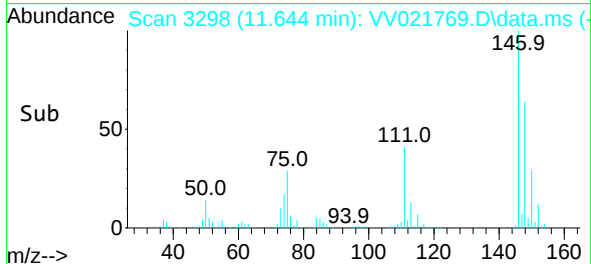
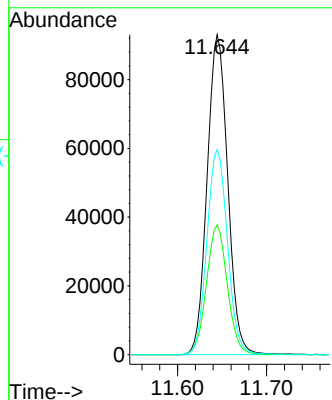
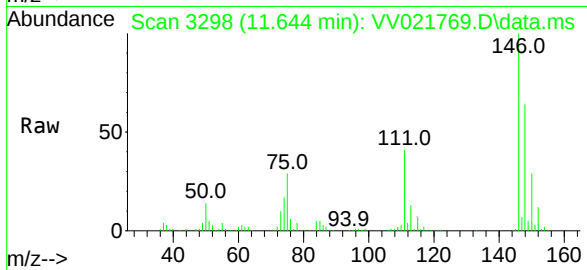




#67
1,2-Dichlorobenzene
Concen: 5.472 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

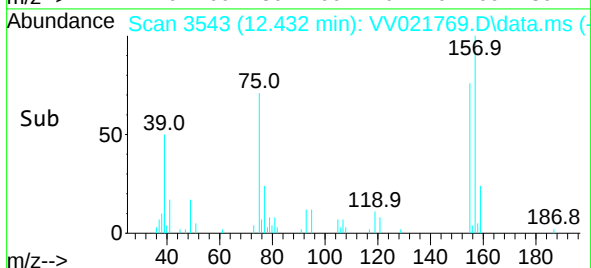
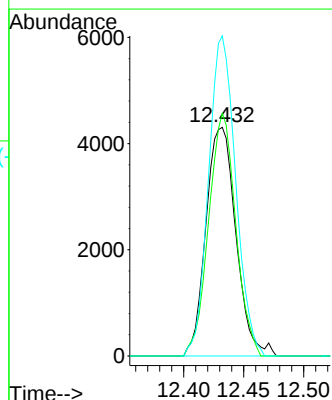
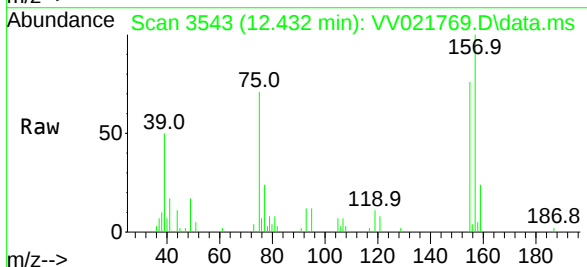
Instrument :
MSVOA_V
ClientSampled :

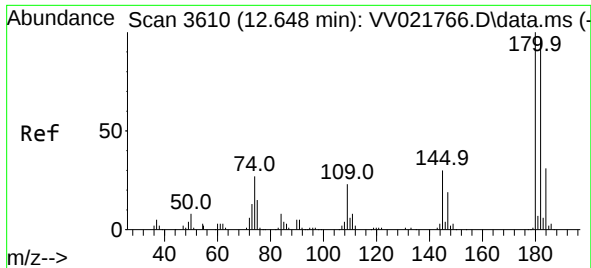
Tgt Ion:146 Resp: 149417
Ion Ratio Lower Upper
146 100
111 40.5 33.0 49.4
148 64.1 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.051 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. -0.000 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion: 75 Resp: 7493
Ion Ratio Lower Upper
75 100
155 106.1 75.0 112.6
157 139.9 101.8 152.8

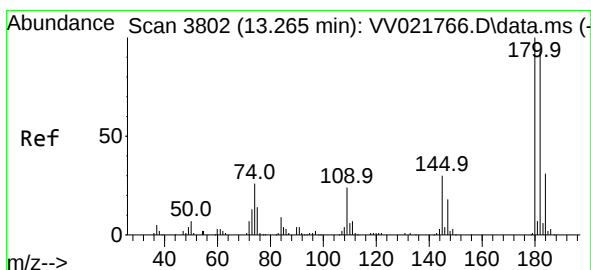
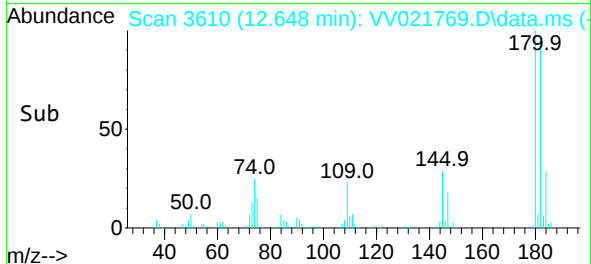
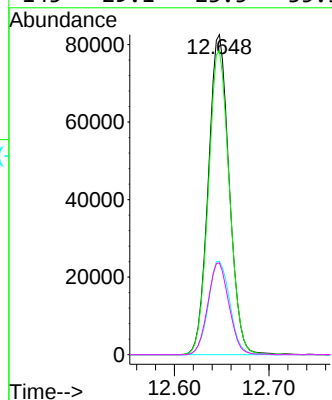
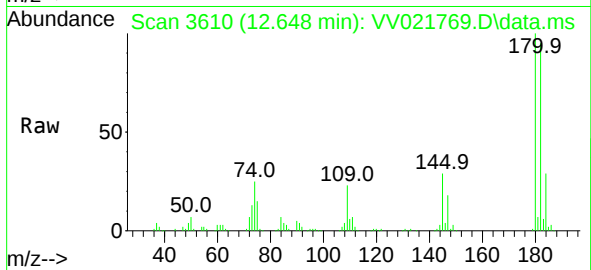




#69
1,3,5-Trichlorobenzene
Concen: 5.574 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

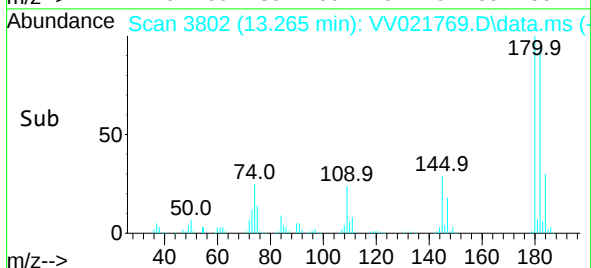
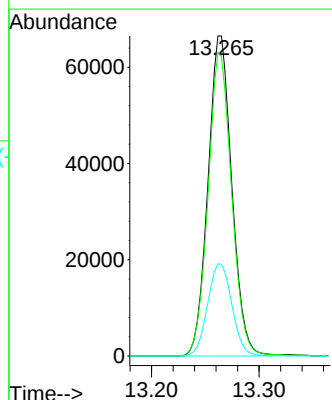
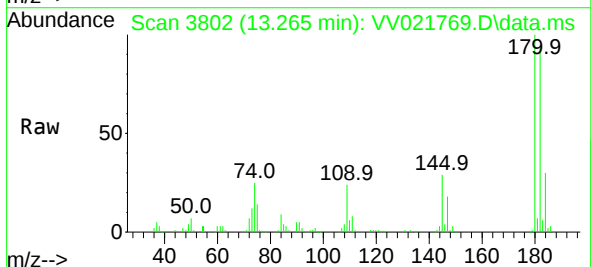
Instrument :
MSVOA_V
ClientSampled :

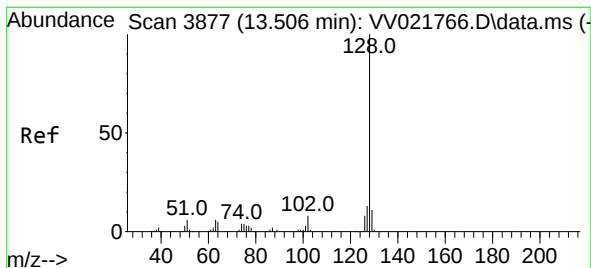
Tgt Ion:180 Resp: 126723
Ion Ratio Lower Upper
180 100
182 95.6 75.5 113.3
184 30.1 24.0 36.0
145 29.1 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 5.706 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion:180 Resp: 102345
Ion Ratio Lower Upper
180 100
182 94.0 74.9 112.3
145 29.3 23.8 35.8

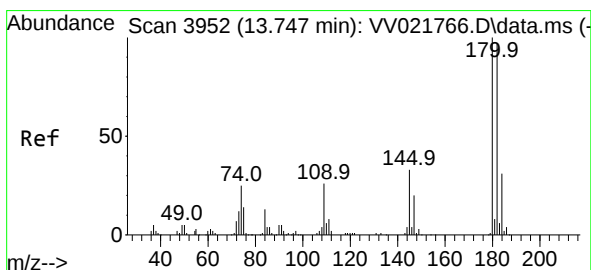
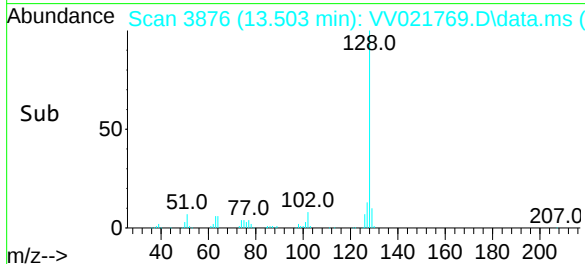
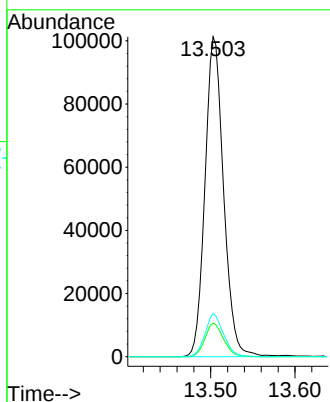
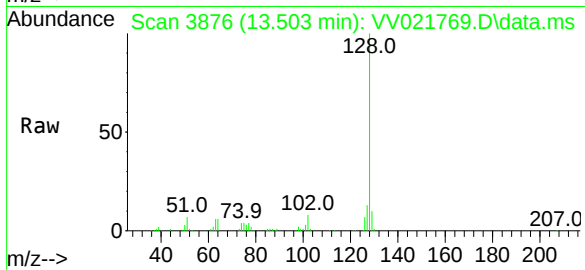




#71
Naphthalene
Concen: 5.840 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 155537
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.3 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 5.899 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV021769.D
Acq: 11 Aug 2021 12:00

Tgt Ion:180 Resp: 93037
Ion Ratio Lower Upper
180 100
182 94.2 77.0 115.4
145 32.2 25.6 38.4

