

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
 Data File : VW023032.D
 Acq On : 25 Oct 2021 14:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 26 00:56:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 26 00:54:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	304707	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	305636	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	170491	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	97717	51.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.700%
7) Chloroethane-d5	1.565	69	67161	45.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	2.108	63	150689	40.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.100%
21) 2-Butanone-d5	3.896	46	86566	83.452	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.450%
24) Chloroform-d	4.346	84	198707	57.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.420%
26) 1,2-Dichloroethane-d4	5.031	65	119700	59.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.860%
32) Benzene-d6	5.047	84	391674	55.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.640%
36) 1,2-Dichloropropane-d6	6.066	67	124554	57.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.280%
41) Toluene-d8	7.313	98	357744	55.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.160%
43) trans-1,3-Dichloroprop...	7.619	79	60452	58.617	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.240%
47) 2-Hexanone-d5	8.088	63	111663	123.662	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	176973	58.387	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.780%
66) 1,2-Dichlorobenzene-d4	11.625	152	155362	55.880	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124648	40.904	ug/L	99
3) Chloromethane	1.240	50	130406	43.034	ug/L	99
5) Vinyl chloride	1.307	62	122692	42.715	ug/L	99
6) Bromomethane	1.520	94	92466	46.106	ug/L	98
8) Chloroethane	1.584	64	68479	39.090	ug/L	100
9) Trichlorofluoromethane	1.751	101	151408	38.379	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	81277	36.394	ug/L	97
12) 1,1-Dichloroethene	2.114	96	78296	36.785	ug/L	96
13) Acetone	2.433	43	101934	77.791	ug/L	72
14) Carbon disulfide	2.291	76	277633	43.180	ug/L	100
15) Methyl Acetate	2.433	43	108525	45.401	ug/L	100
16) Methylene chloride	2.503	84	133469	49.909	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	112991	48.359	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	373380	51.761	ug/L	98
19) 1,1-Dichloroethane	3.185	63	210570	50.933	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	127167	51.087	ug/L	94
22) 2-Butanone	3.976	43	140496	81.430	ug/L	89
23) Bromochloromethane	4.246	128	71744	52.462	ug/L	94
25) Chloroform	4.371	83	217114	52.188	ug/L	99

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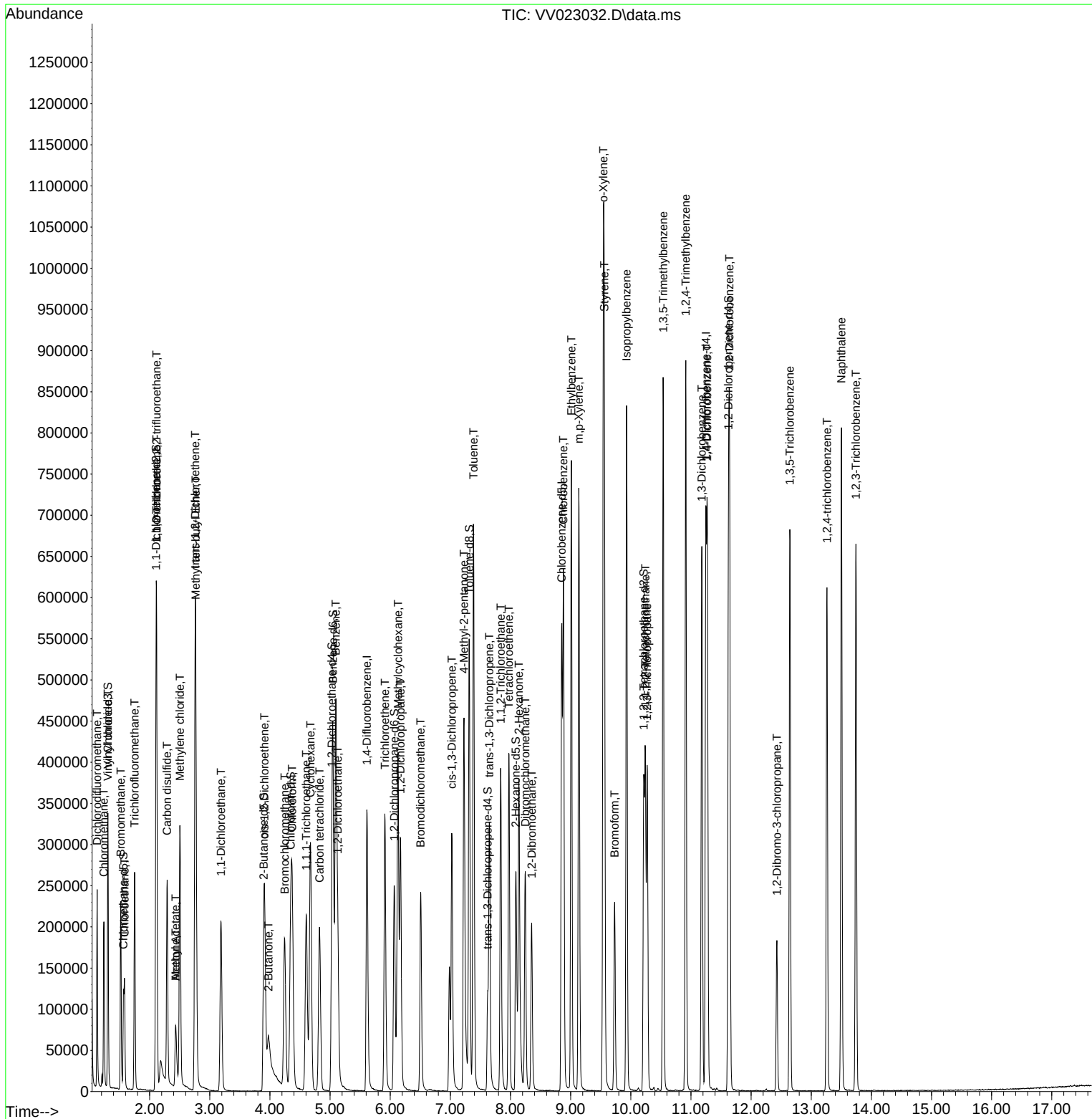
Instrument :
 MSVOA_V
 ClientSampleId :

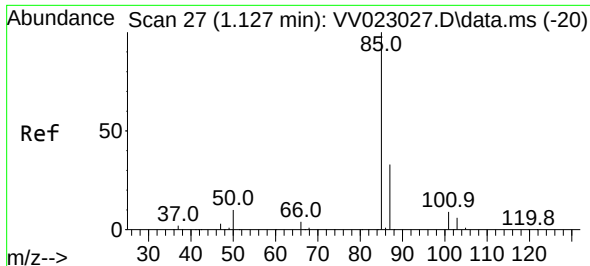
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	160796	53.376	ug/L	98
29) Cyclohexane	4.674	56	164243	46.104	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	175848	46.058	ug/L	100
31) Carbon tetrachloride	4.825	117	153078	45.639	ug/L	97
33) Benzene	5.095	78	469977	49.802	ug/L	100
34) Trichloroethene	5.912	95	118724	48.183	ug/L	99
35) Methylcyclohexane	6.130	83	169103	45.261	ug/L	96
37) 1,2-Dichloropropane	6.172	63	124180	51.395	ug/L	99
38) Bromodichloromethane	6.506	83	163940	52.235	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	193952	53.375	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	345339	101.721	ug/L	99
42) Toluene	7.384	91	503192	50.618	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	186726	53.372	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	128296	51.295	ug/L	99
46) Tetrachloroethene	7.973	164	95901	46.492	ug/L	99
48) 2-Hexanone	8.140	43	264537	101.879	ug/L	98
49) Dibromochloromethane	8.246	129	140280	51.828	ug/L	100
50) 1,2-Dibromoethane	8.352	107	138992	51.614	ug/L	99
51) Chlorobenzene	8.879	112	333378	50.419	ug/L	99
52) Ethylbenzene	9.011	91	524814	50.726	ug/L	100
53) m,p-Xylene	9.137	106	208736	50.923	ug/L	100
54) o-Xylene	9.545	106	206452	51.695	ug/L	97
55) Styrene	9.561	104	371007	54.134	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	199716	51.663	ug/L	99
59) Bromoform	9.731	173	104443	49.543	ug/L	99
60) Isopropylbenzene	9.931	105	525048	48.404	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	158278	48.816	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	443538	48.563	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	464869	51.200	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	274481	49.877	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	279851	48.964	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	281799	50.107	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	41523	46.742	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	207673	50.788	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	187101	50.884	ug/L	100
71) Naphthalene	13.503	128	611976	50.544	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	200358	52.720	ug/L	99

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

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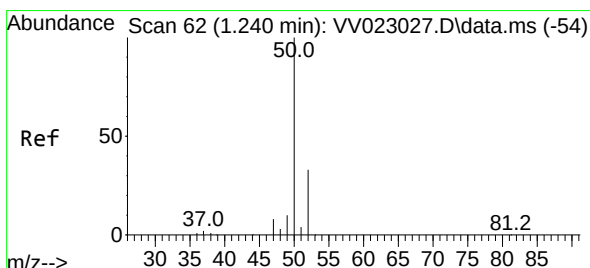
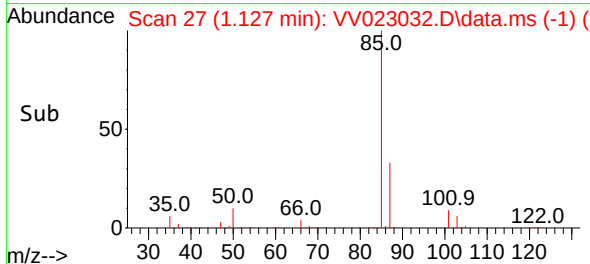
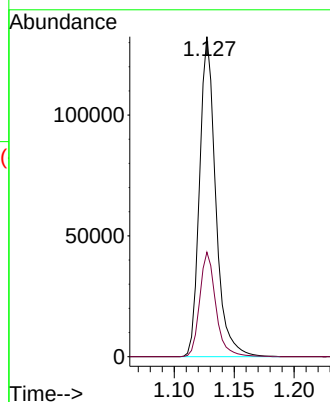
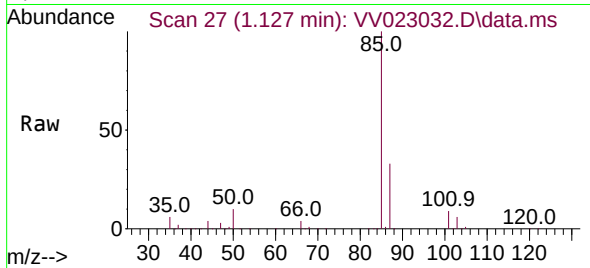




#2
 Dichlorodifluoromethane
 Concen: 40.904 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV023032.D
 Acq: 25 Oct 2021 14:30

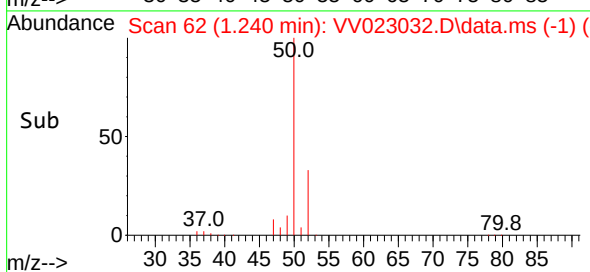
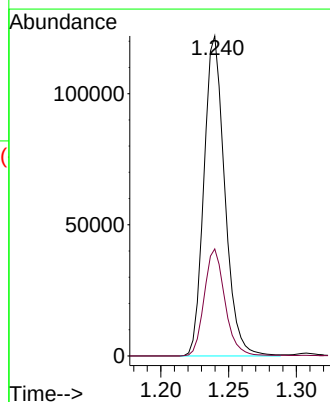
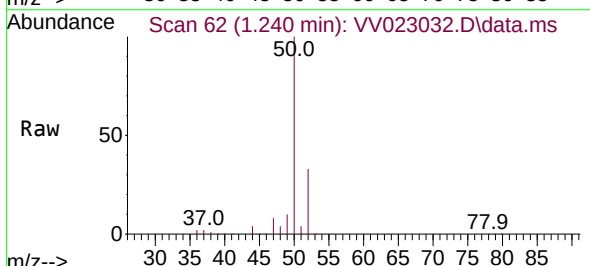
Instrument :
 MSVOA_V
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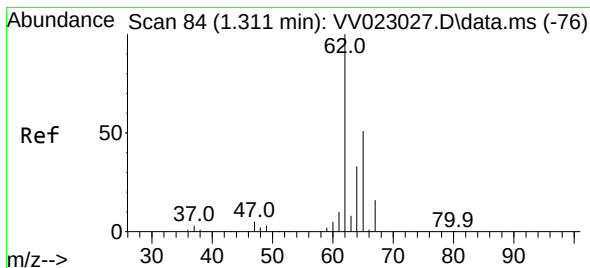
Tgt Ion: 85 Resp: 124648
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 43.034 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023032.D
 Acq: 25 Oct 2021 14:30

Tgt Ion: 50 Resp: 130406
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8

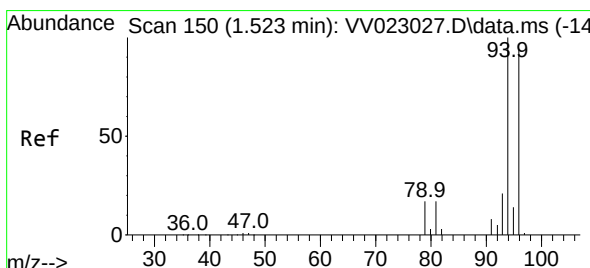
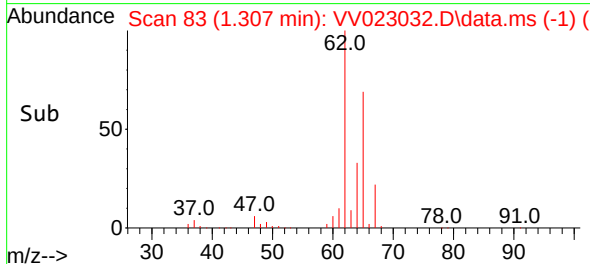
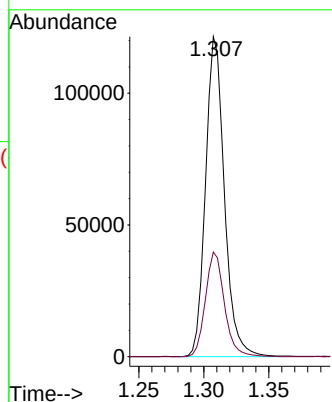
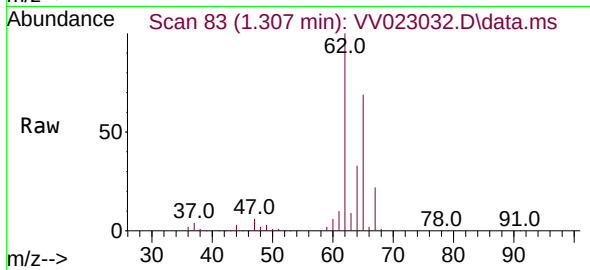




#5
 Vinyl chloride
 Concen: 42.715 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV023032.D
 Acq: 25 Oct 2021 14:30

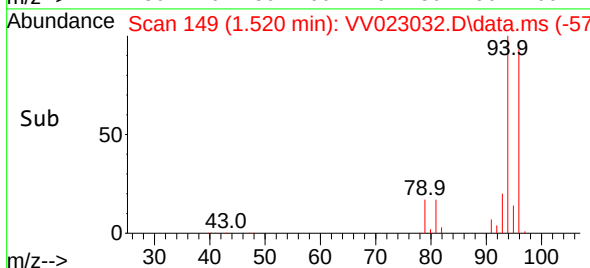
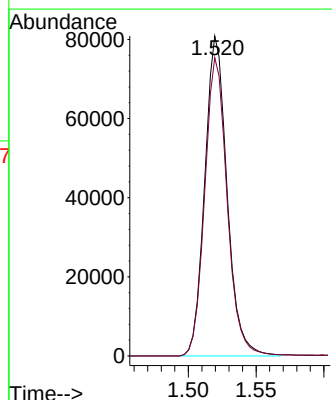
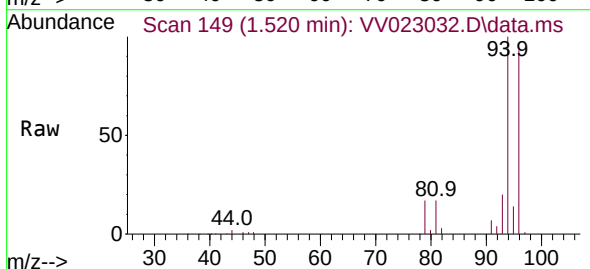
Instrument :
 MSVOA_V
 ClientSampled :

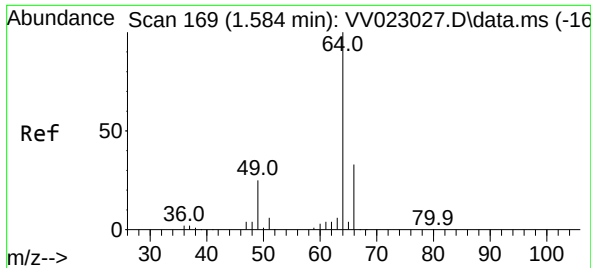
Tgt Ion: 62 Resp: 122692
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.5 41.9



#6
 Bromomethane
 Concen: 46.106 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023032.D
 Acq: 25 Oct 2021 14:30

Tgt Ion: 94 Resp: 92466
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.4 123.2

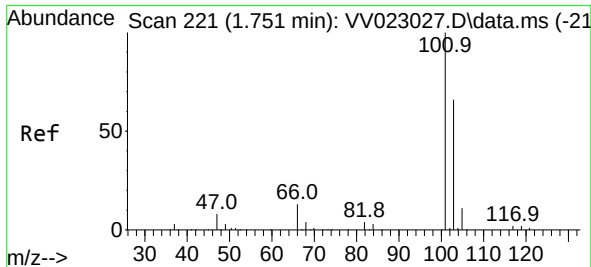
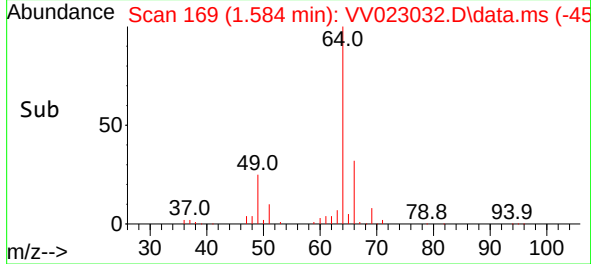
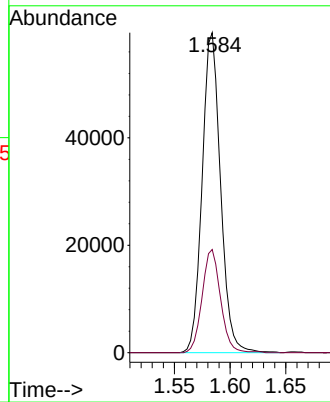
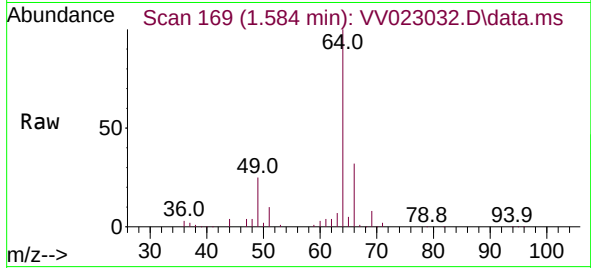




#8
Chloroethane
Concen: 39.090 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

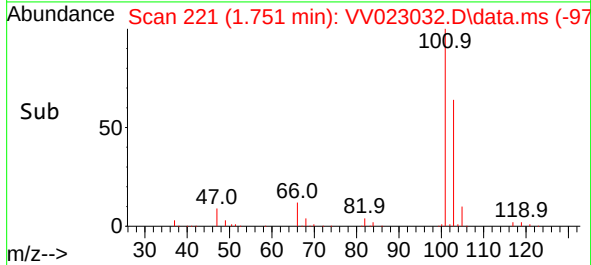
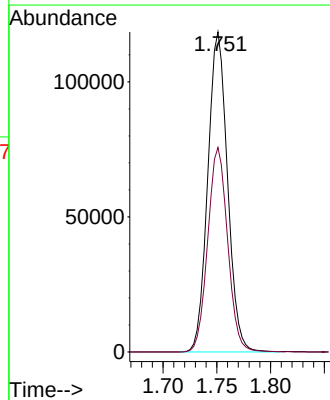
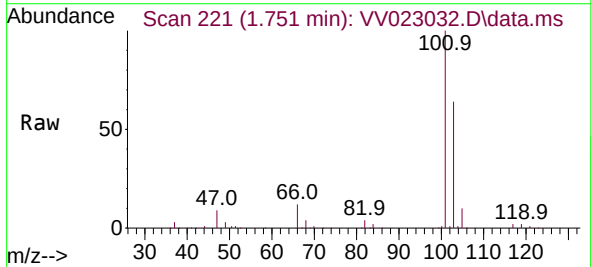
Instrument :
MSVOA_V
ClientSampled :

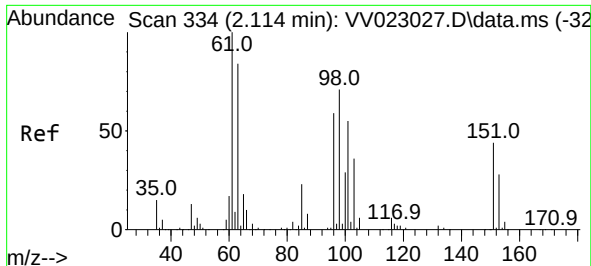
Tgt Ion: 64 Resp: 68479
Ion Ratio Lower Upper
64 100
66 32.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 38.379 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion:101 Resp: 151408
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5





#10

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

Concen: 36.394 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

Tgt Ion:101 Resp: 81277

Ion Ratio Lower Upper

101 100

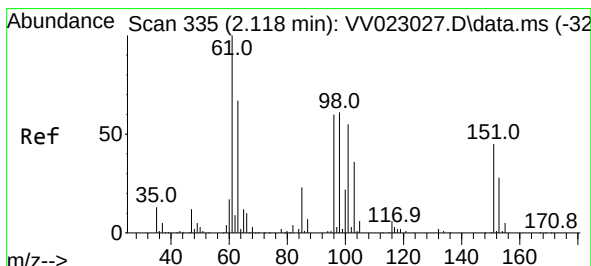
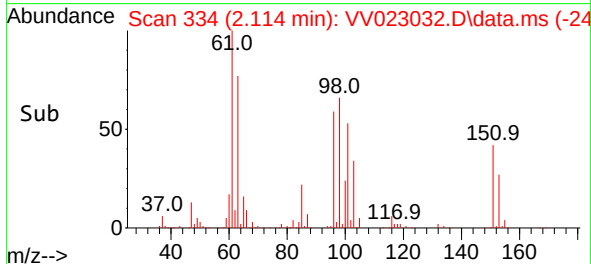
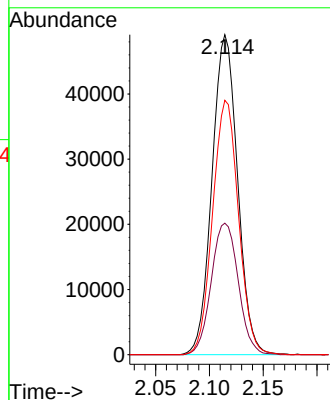
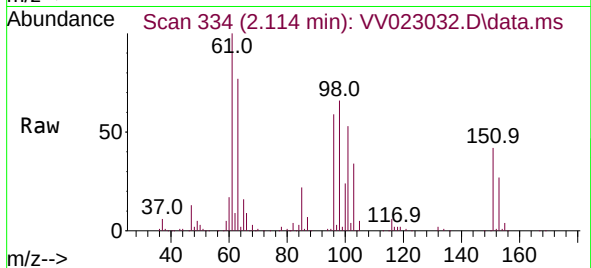
85 43.4 34.7 52.1

151 80.6 61.3 91.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 36.785 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

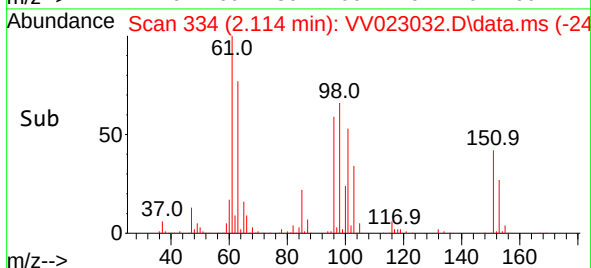
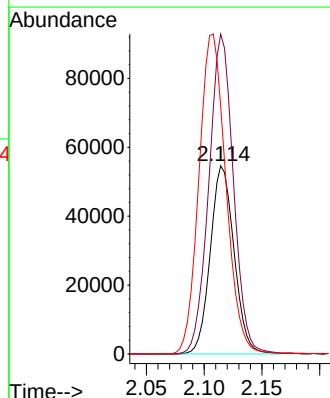
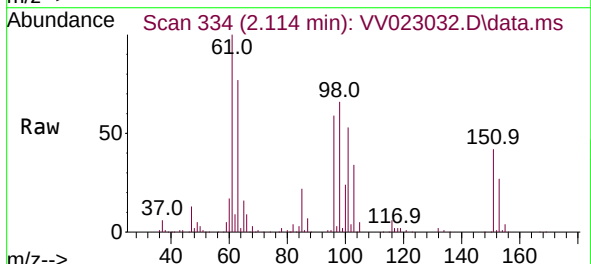
Tgt Ion: 96 Resp: 78296

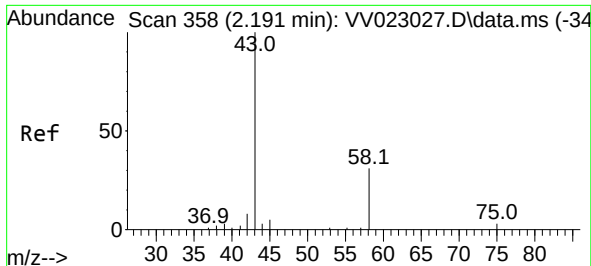
Ion Ratio Lower Upper

96 100

61 170.0 118.0 219.2

63 131.6 86.4 160.4

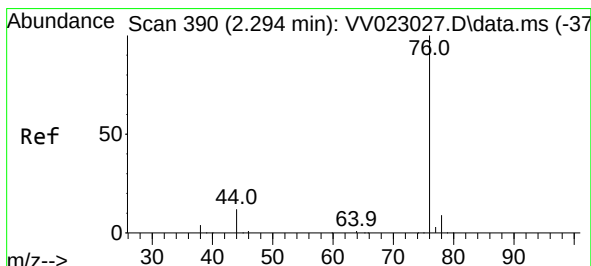
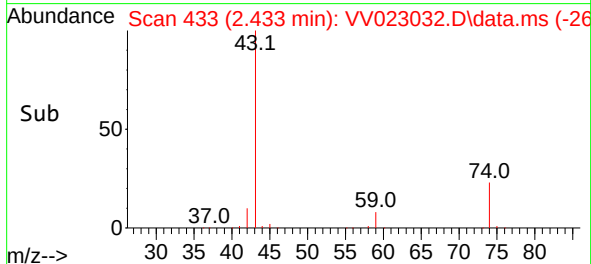
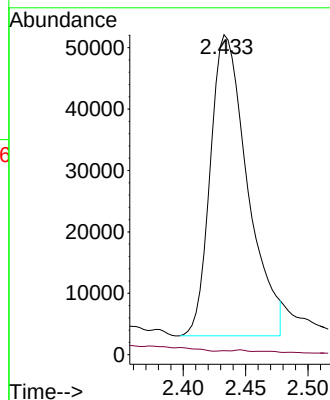
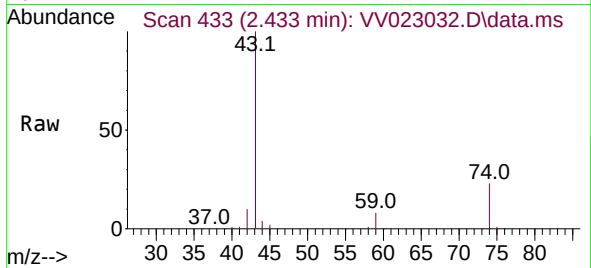




#13
Acetone
Concen: 77.791 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.241 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

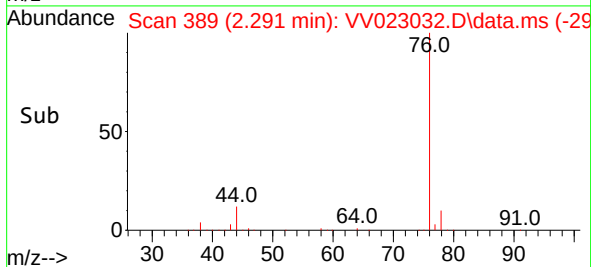
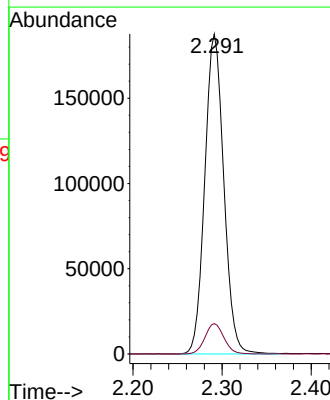
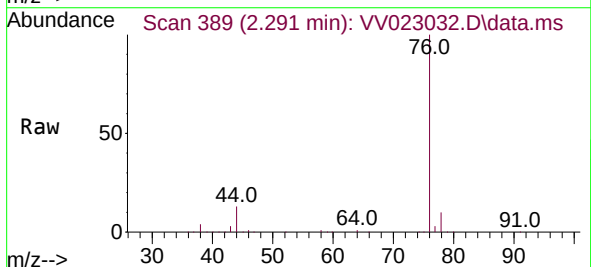
Instrument :
MSVOA_V
ClientSampled :

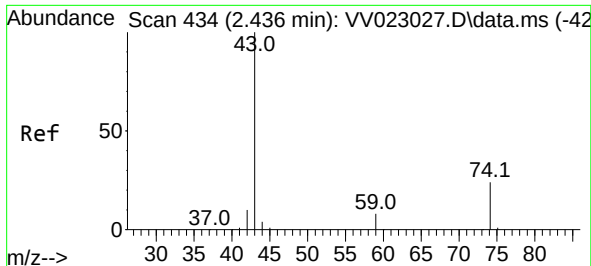
Tgt Ion: 43 Resp: 101934
Ion Ratio Lower Upper
43 100
58 0.2 0.0 21.2



#14
Carbon disulfide
Concen: 43.180 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 76 Resp: 277633
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

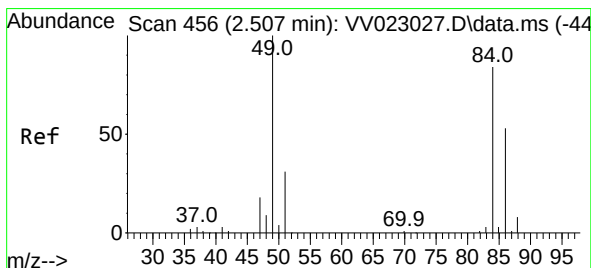
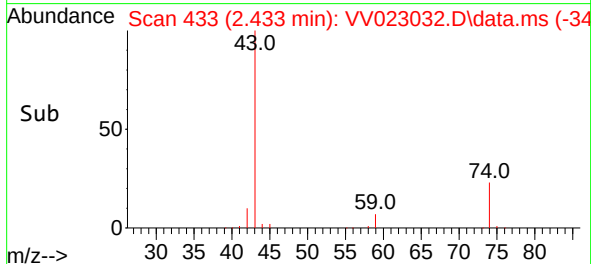
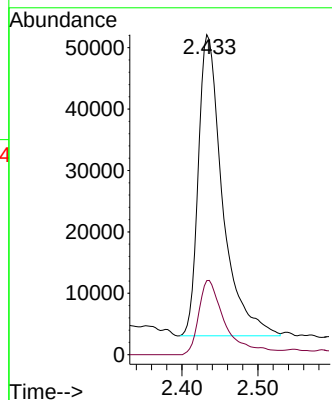
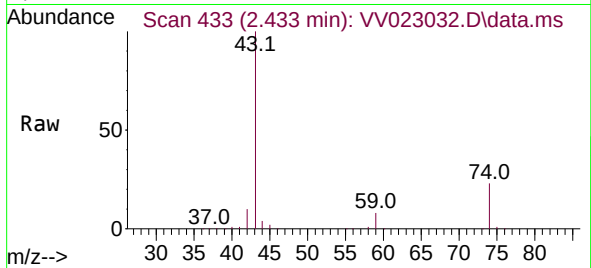




#15
Methyl Acetate
Concen: 45.401 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

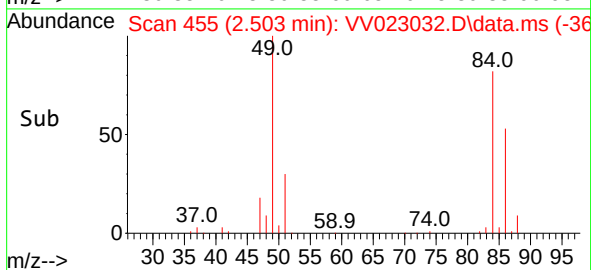
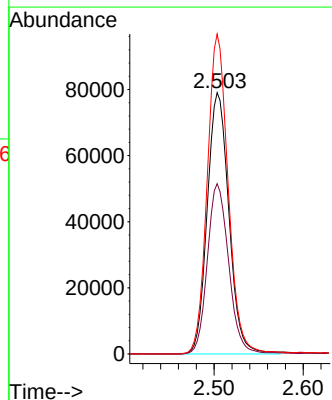
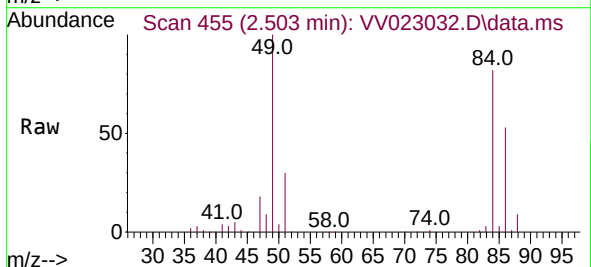
Instrument :
MSVOA_V
ClientSampled :

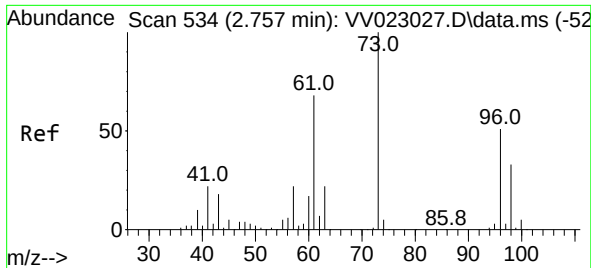
Tgt Ion: 43 Resp: 108525
Ion Ratio Lower Upper
43 100
74 25.9 20.6 30.8



#16
Methylene chloride
Concen: 49.909 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 84 Resp: 133469
Ion Ratio Lower Upper
84 100
86 65.2 45.6 84.6
49 122.5 82.7 153.7

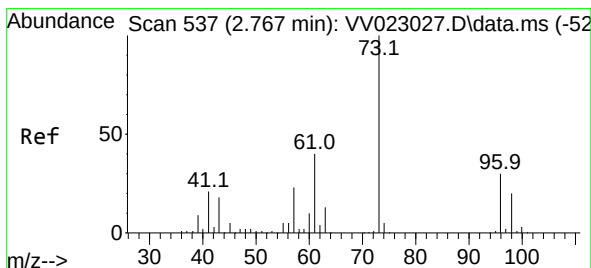
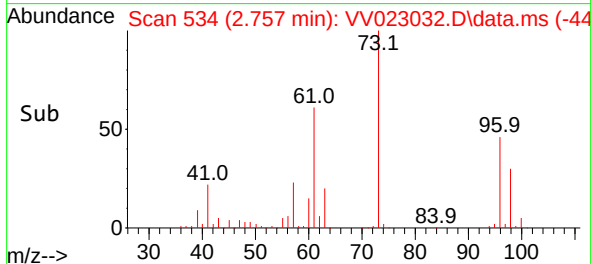
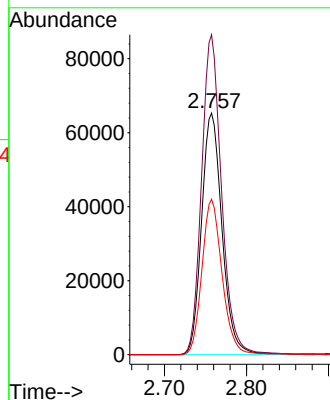
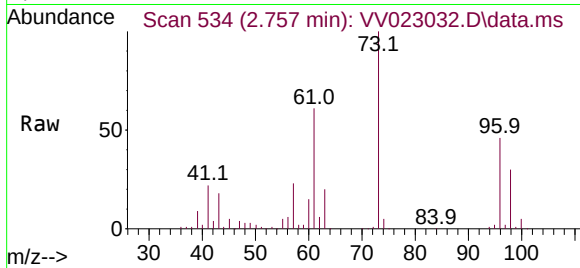




#17
trans-1,2-Dichloroethene
Concen: 48.359 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

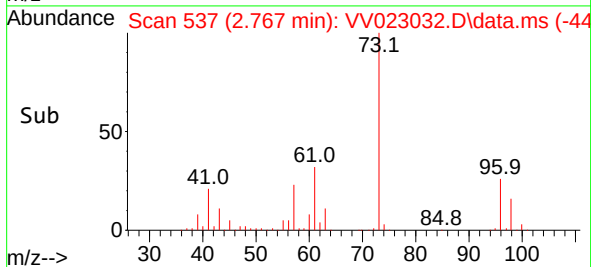
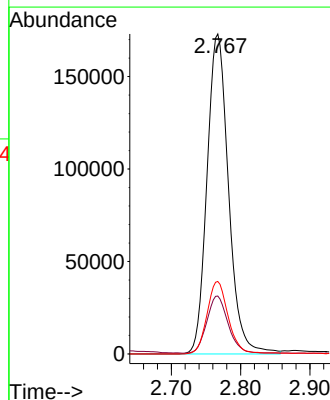
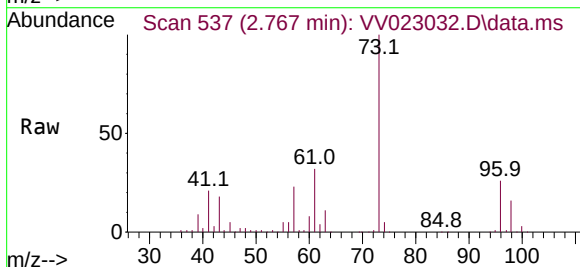
Instrument :
MSVOA_V
ClientSampleId :

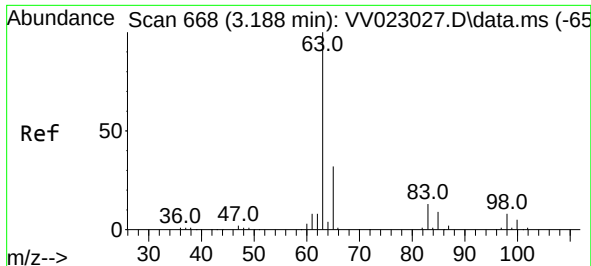
Tgt Ion: 96 Resp: 112991
Ion Ratio Lower Upper
96 100
61 132.4 90.8 168.6
98 64.3 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 51.761 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 73 Resp: 373380
Ion Ratio Lower Upper
73 100
43 17.5 15.1 22.7
57 22.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.933 ug/L

RT: 3.185 min Scan# 667

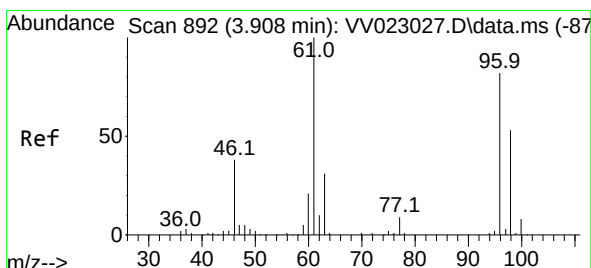
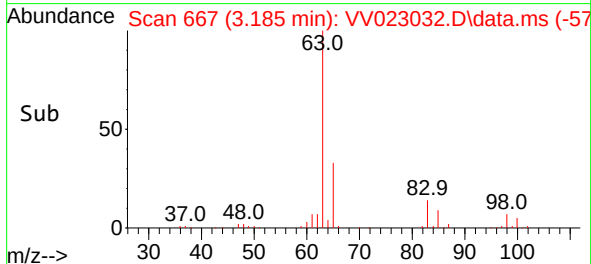
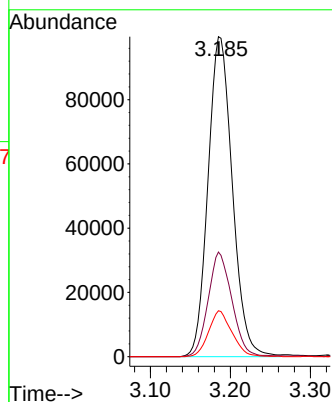
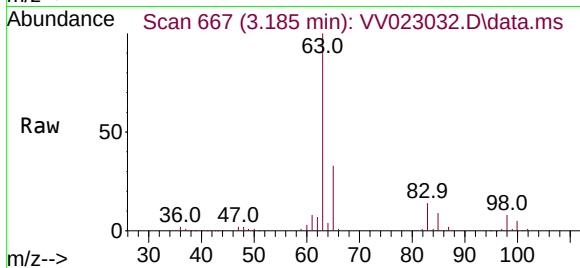
Delta R.T. -0.003 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

Tgt Ion: 63 Resp: 210570

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.9	42.5
83	14.4	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 51.087 ug/L

RT: 3.908 min Scan# 892

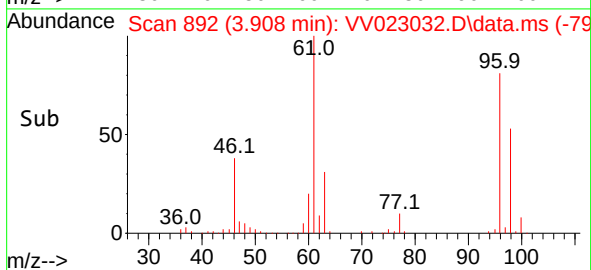
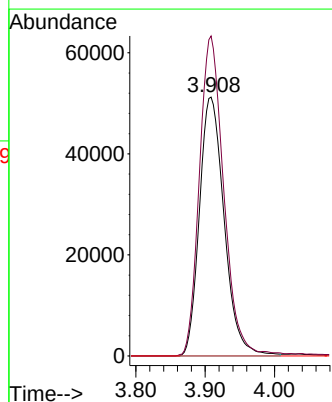
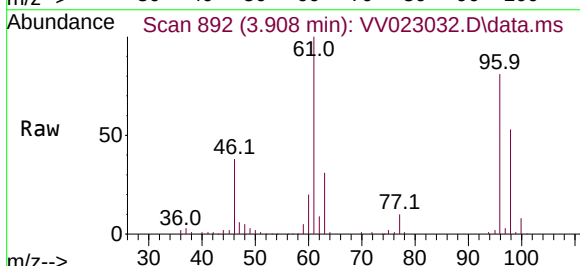
Delta R.T. 0.000 min

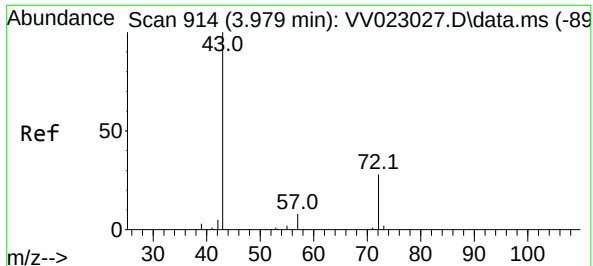
Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

Tgt Ion: 96 Resp: 127167

Ion	Ratio	Lower	Upper
96	100		
61	123.6	81.9	152.1
68	0.0	0.0	0.0

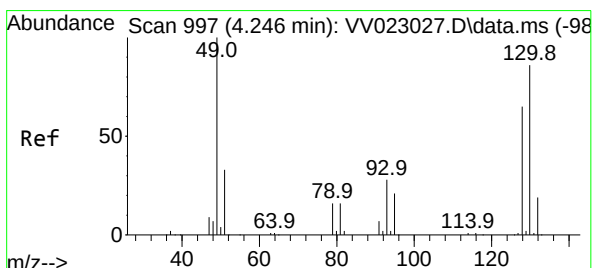
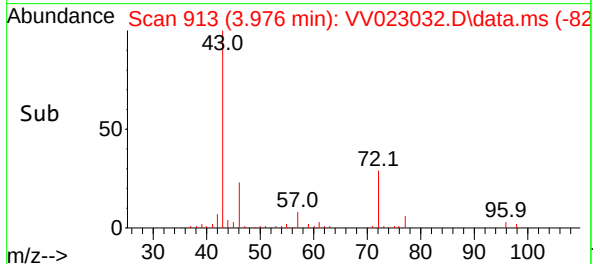
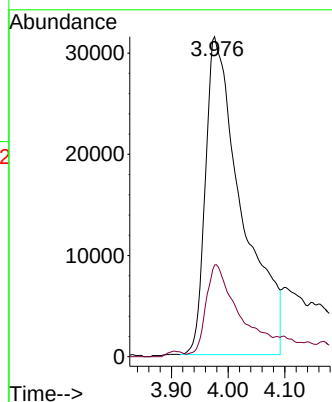
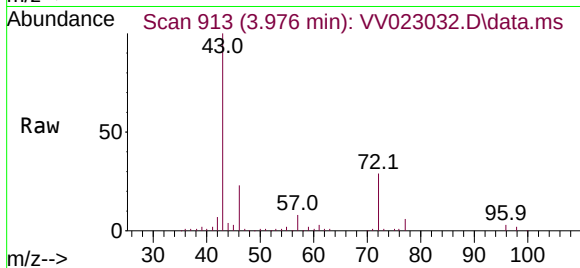




#22
2-Butanone
Concen: 81.430 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

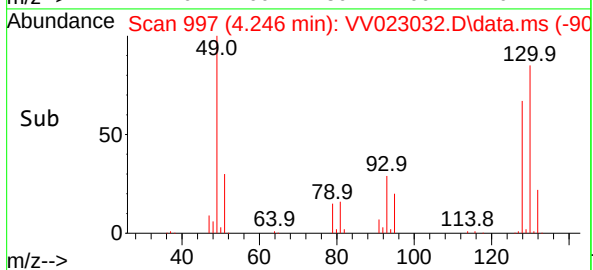
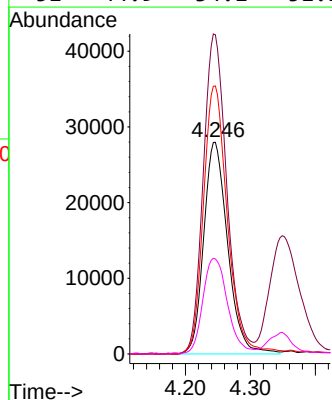
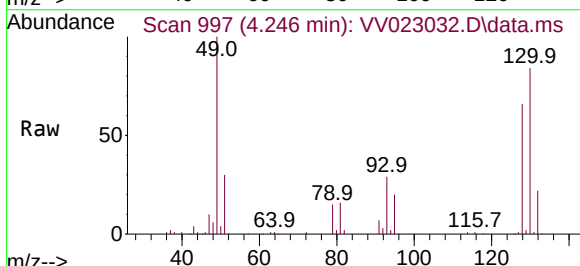
Instrument :
MSVOA_V
ClientSampled :

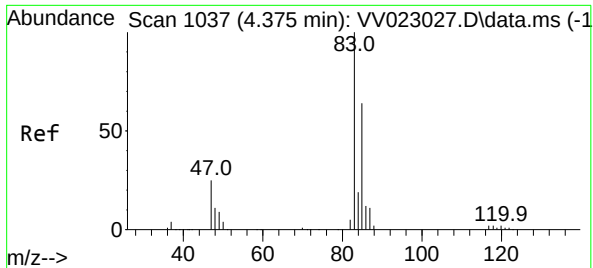
Tgt Ion: 43 Resp: 140496
Ion Ratio Lower Upper
43 100
72 25.0 10.0 29.8



#23
Bromochloromethane
Concen: 52.462 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion:128 Resp: 71744
Ion Ratio Lower Upper
128 100
49 150.8 97.2 180.4
130 126.6 86.3 160.3
51 44.9 34.1 51.1

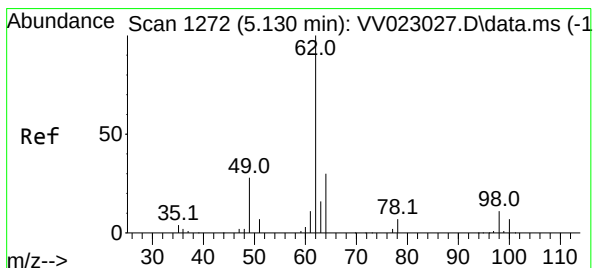
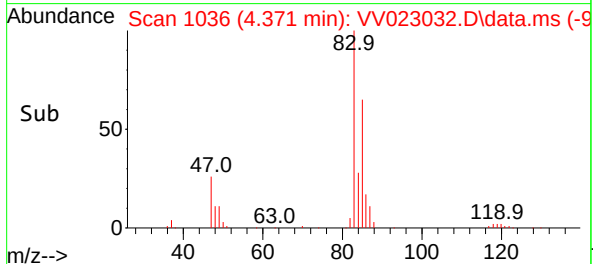
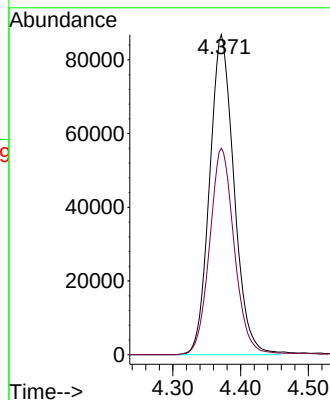
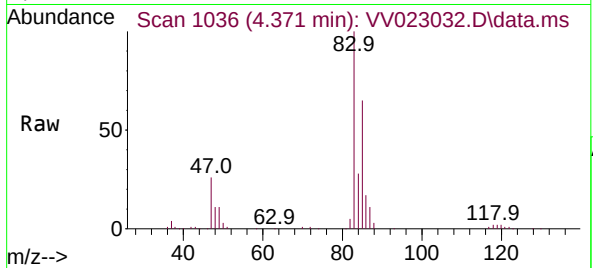




#25
Chloroform
Concen: 52.188 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

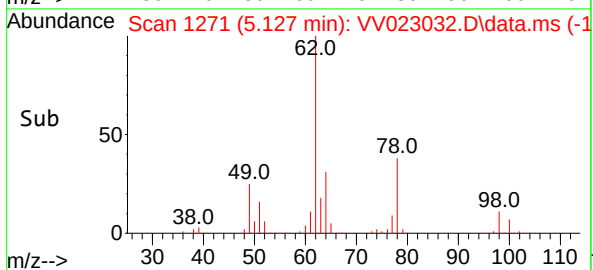
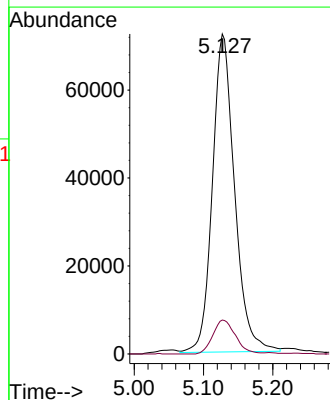
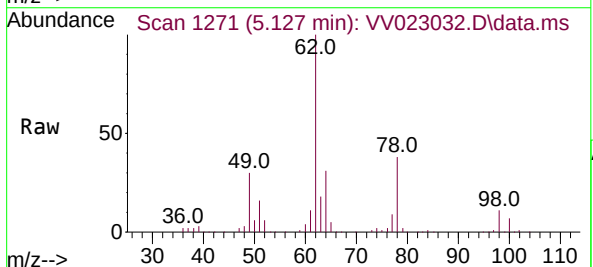
Instrument :
MSVOA_V
ClientSampled :

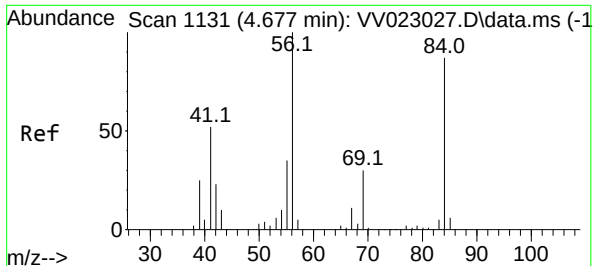
Tgt Ion: 83 Resp: 217114
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 53.376 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 62 Resp: 160796
Ion Ratio Lower Upper
62 100
98 10.6 9.0 13.4





#29

Cyclohexane

Concen: 46.104 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

Tgt Ion: 56 Resp: 164243

Ion Ratio Lower Upper

56 100

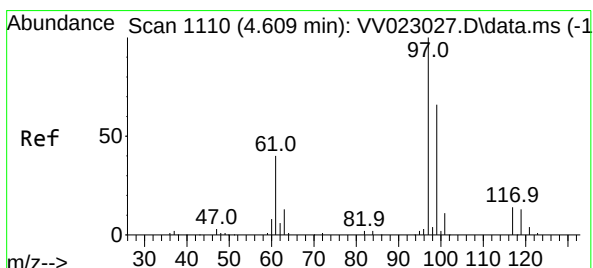
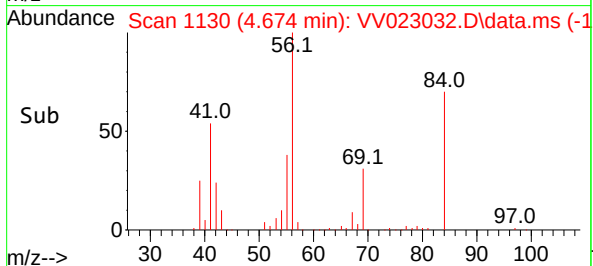
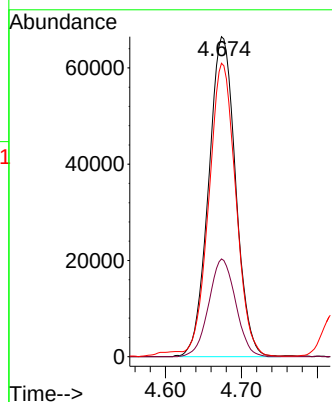
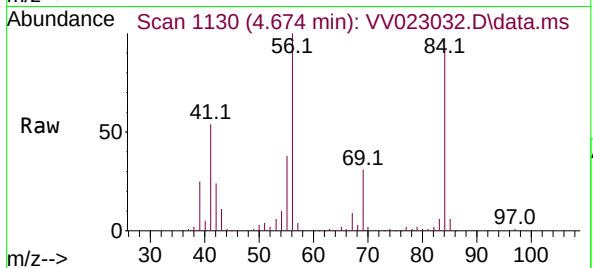
69 30.3 24.9 37.3

84 90.8 73.9 110.9

Instrument :

MSVOA_V

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 46.058 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

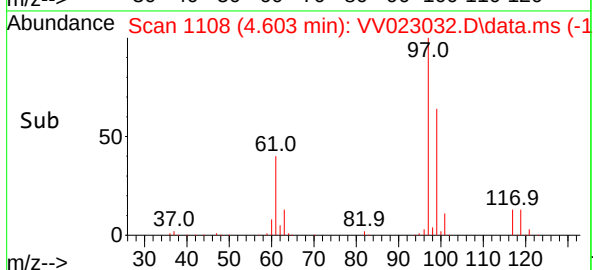
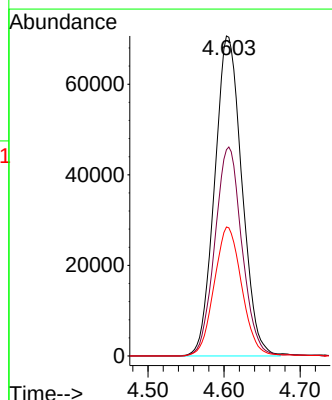
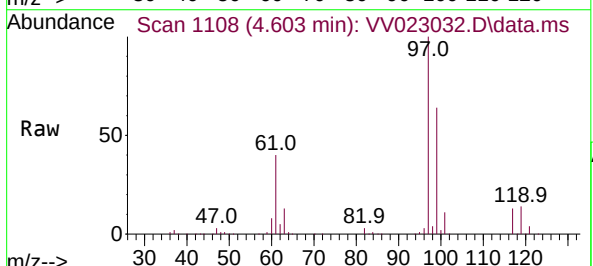
Tgt Ion: 97 Resp: 175848

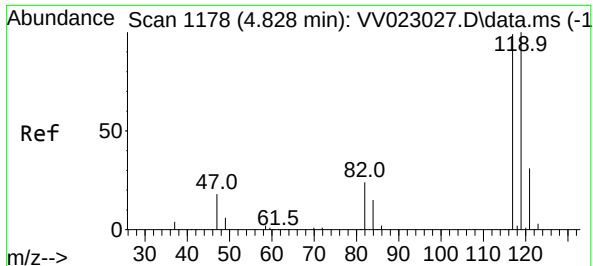
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 40.8 32.9 49.3

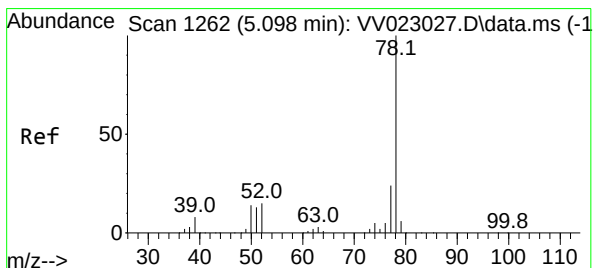
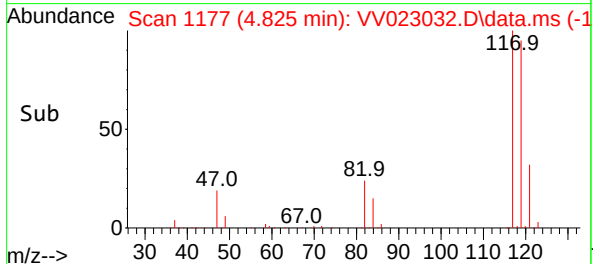
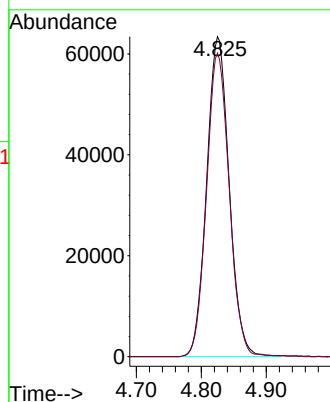
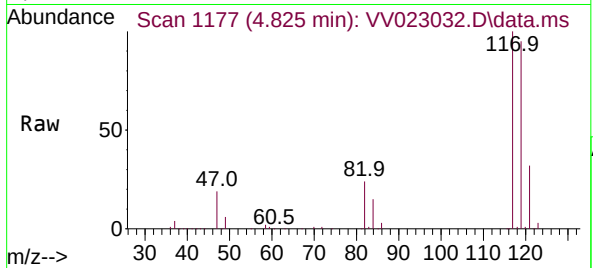




#31
Carbon tetrachloride
Concen: 45.639 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

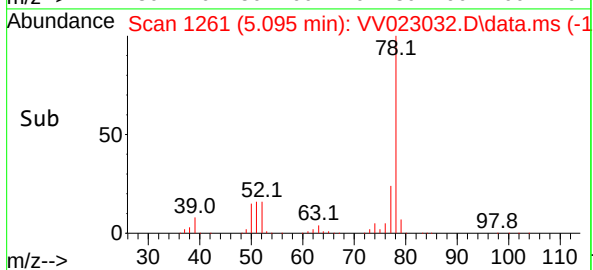
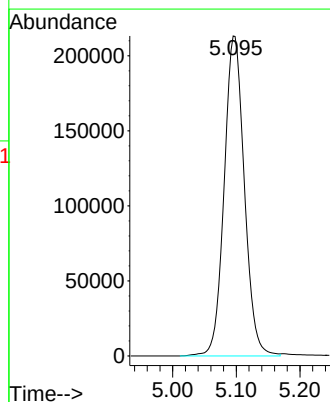
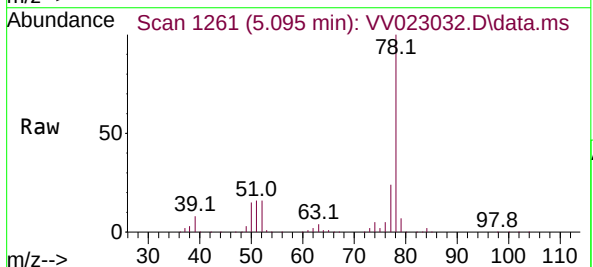
Instrument :
MSVOA_V
ClientSampleId :

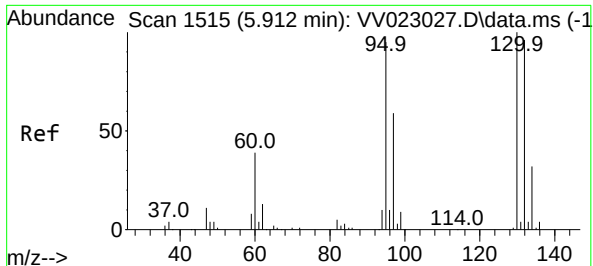
Tgt Ion:117 Resp: 153078
Ion Ratio Lower Upper
117 100
119 95.2 78.3 117.5



#33
Benzene
Concen: 49.802 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 78 Resp: 469977





#34

Trichloroethene

Concen: 48.183 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

Tgt Ion: 95 Resp: 118724

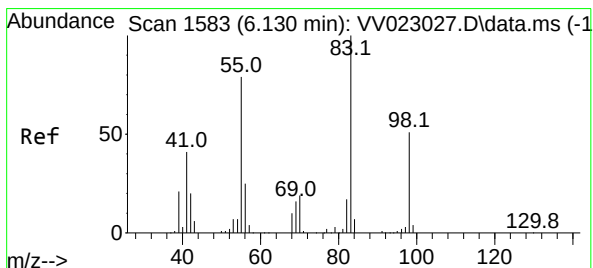
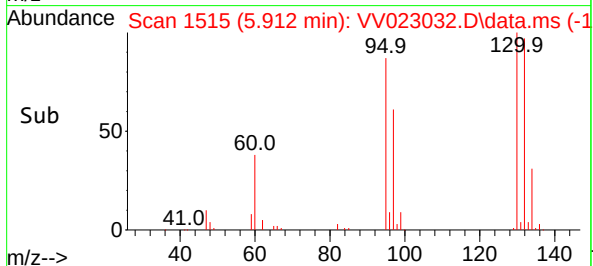
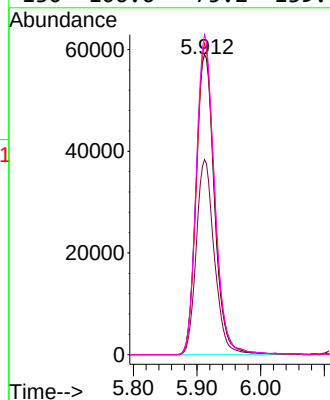
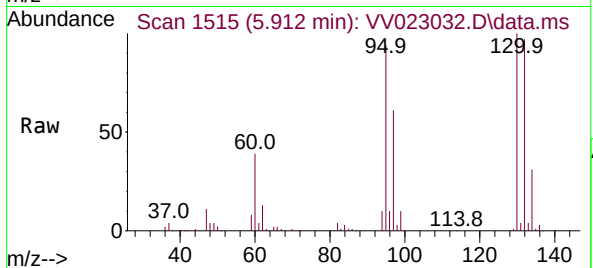
Ion Ratio Lower Upper

95 100

97 65.0 45.4 84.4

132 103.7 71.5 132.9

130 106.6 75.2 139.6



#35

Methylcyclohexane

Concen: 45.261 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

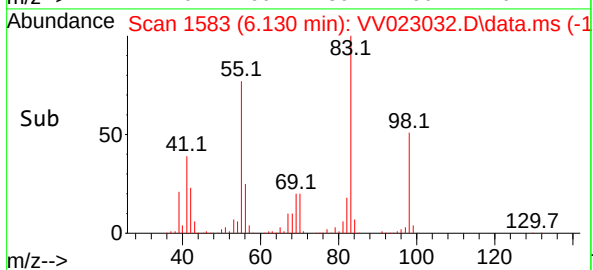
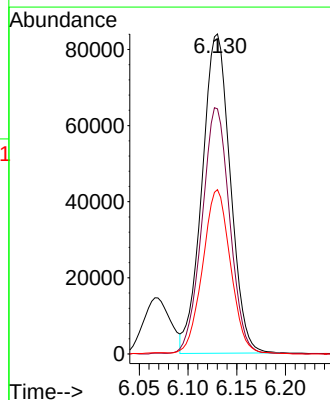
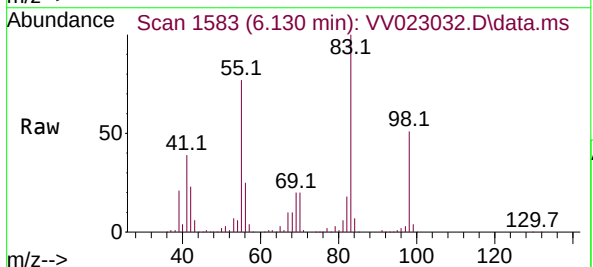
Tgt Ion: 83 Resp: 169103

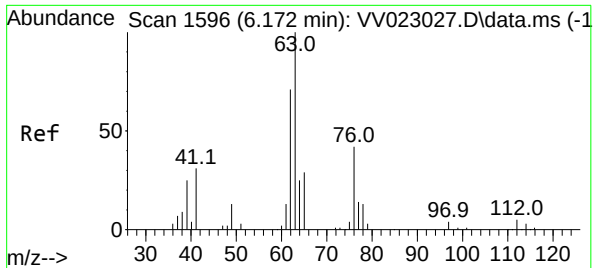
Ion Ratio Lower Upper

83 100

55 75.6 56.7 85.1

98 51.0 40.6 60.8

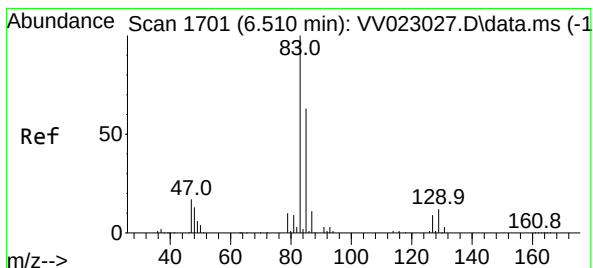
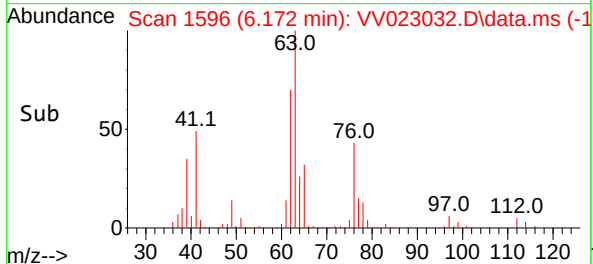
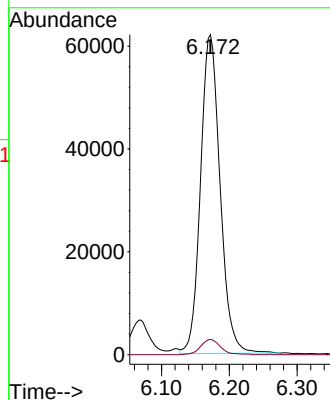
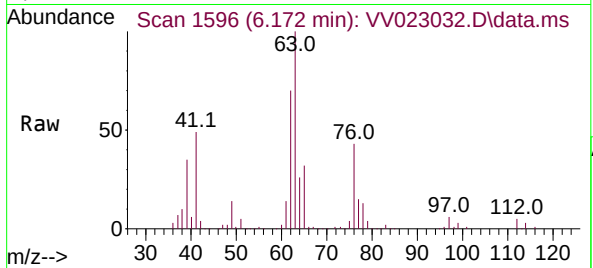




#37
1,2-Dichloropropane
Concen: 51.395 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

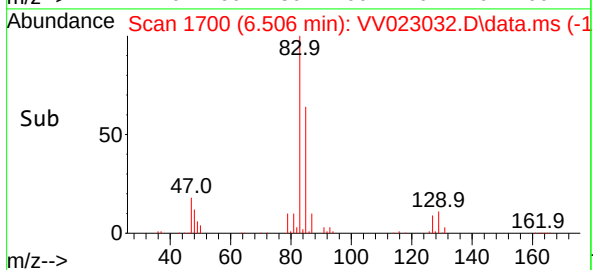
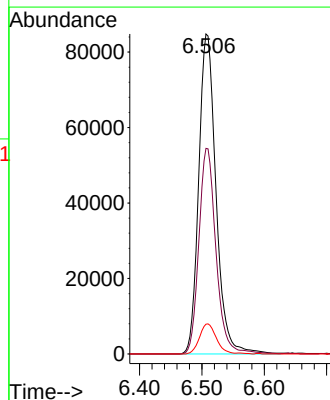
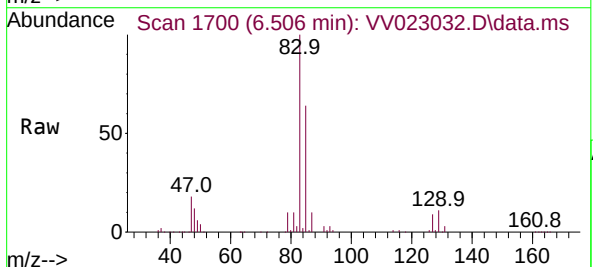
Instrument :
MSVOA_V
ClientSampled :

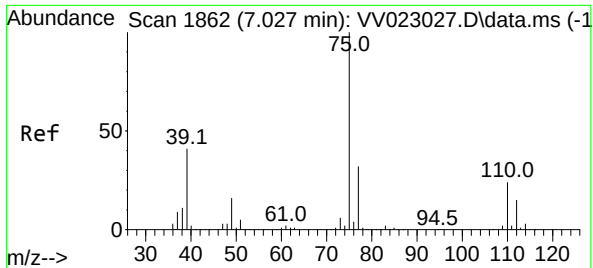
Tgt Ion: 63 Resp: 124180
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1



#38
Bromodichloromethane
Concen: 52.235 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 83 Resp: 163940
Ion Ratio Lower Upper
83 100
85 64.3 46.3 86.1
127 9.3 7.5 11.3

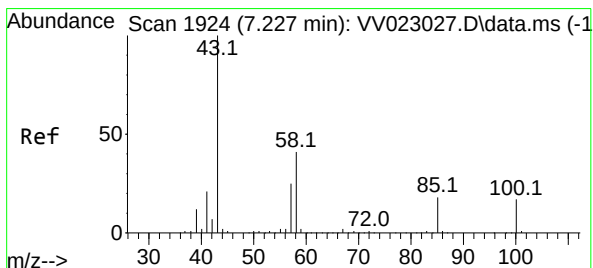
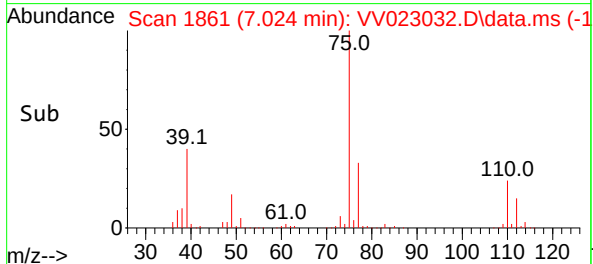
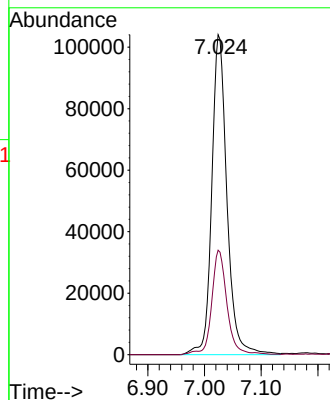
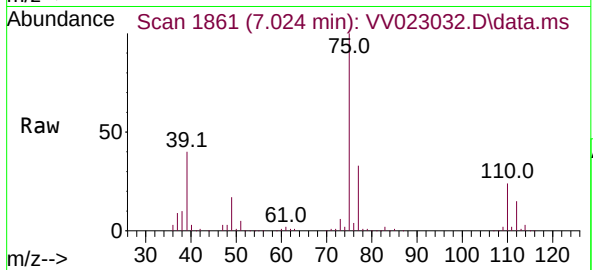




#39
 cis-1,3-Dichloropropene
 Concen: 53.375 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV023032.D
 Acq: 25 Oct 2021 14:30

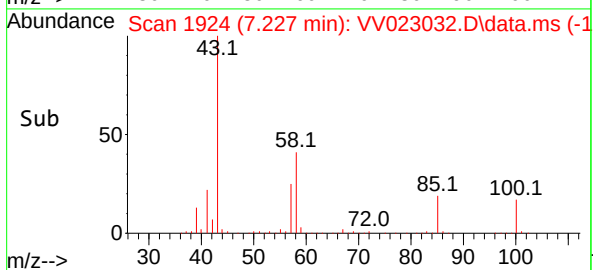
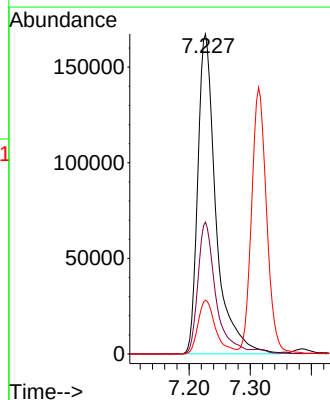
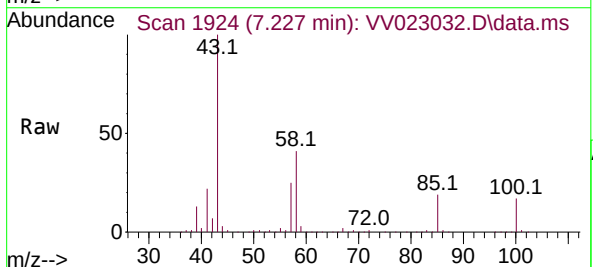
Instrument :
 MSVOA_V
 ClientSampled :

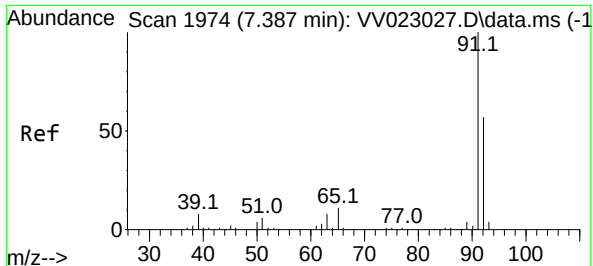
Tgt Ion: 75 Resp: 193952
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 101.721 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV023032.D
 Acq: 25 Oct 2021 14:30

Tgt Ion: 43 Resp: 345339
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.5 48.7
 100 16.4 13.9 20.9





#42

Toluene

Concen: 50.618 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV023032.D

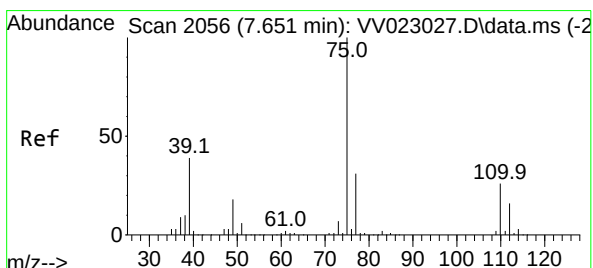
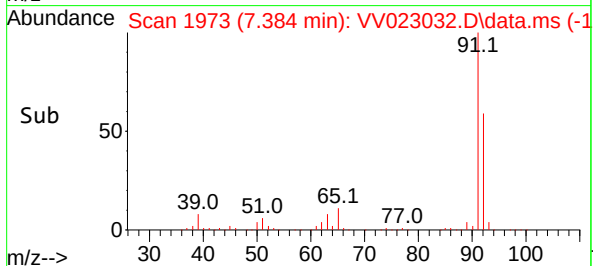
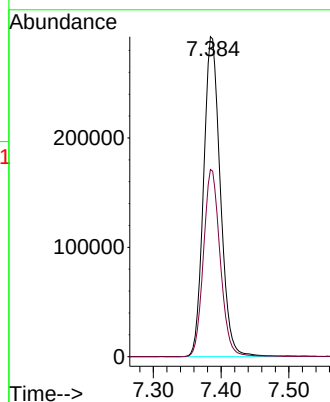
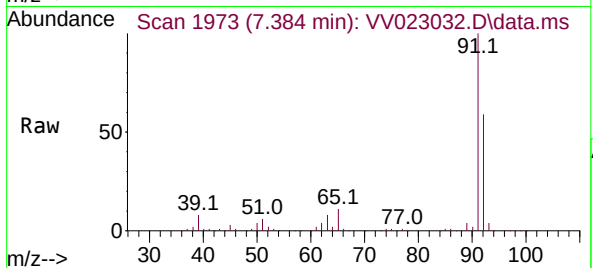
Acq: 25 Oct 2021 14:30

Tgt Ion: 91 Resp: 503192

Ion Ratio Lower Upper

91 100

92 58.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 53.372 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV023032.D

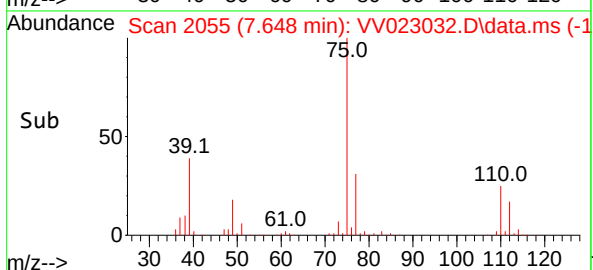
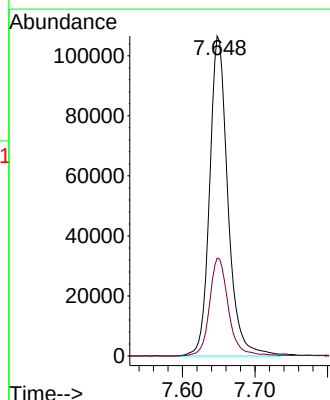
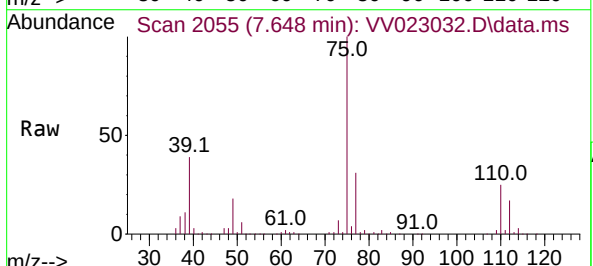
Acq: 25 Oct 2021 14:30

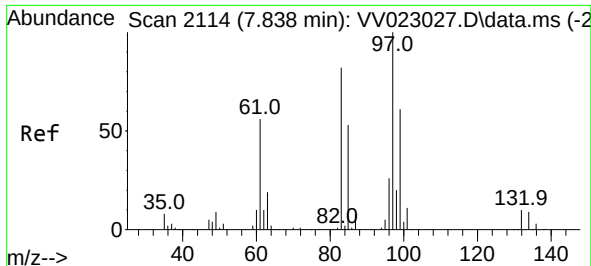
Tgt Ion: 75 Resp: 186726

Ion Ratio Lower Upper

75 100

77 30.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 51.295 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

Tgt Ion: 97 Resp: 128296

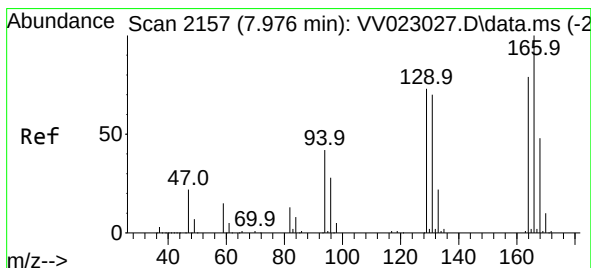
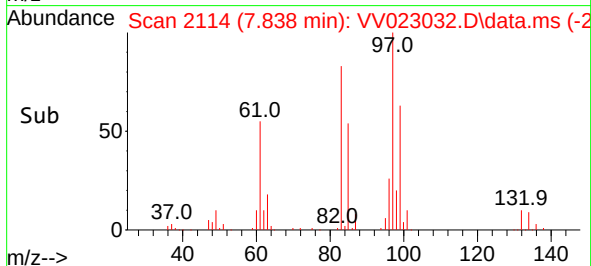
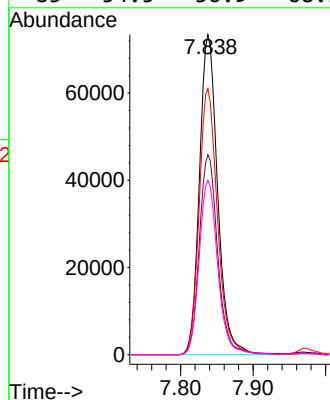
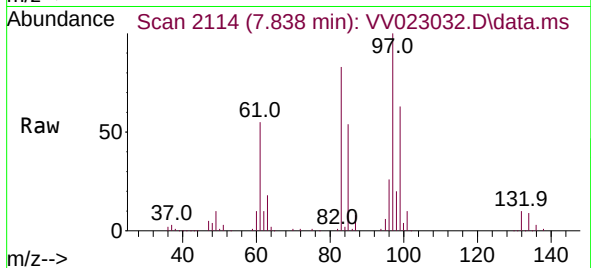
Ion Ratio Lower Upper

97 100

99 62.5 43.1 80.1

83 83.2 58.6 108.8

85 54.5 36.9 68.5



#46

Tetrachloroethene

Concen: 46.492 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

Tgt Ion: 164 Resp: 95901

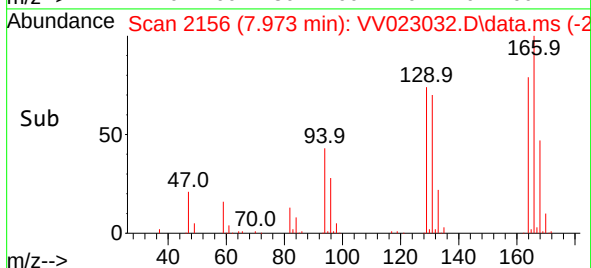
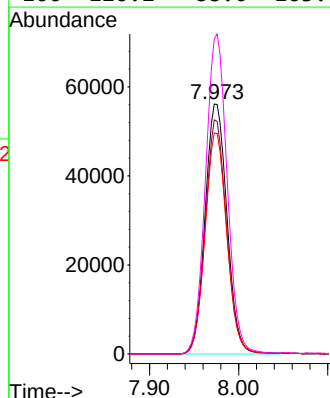
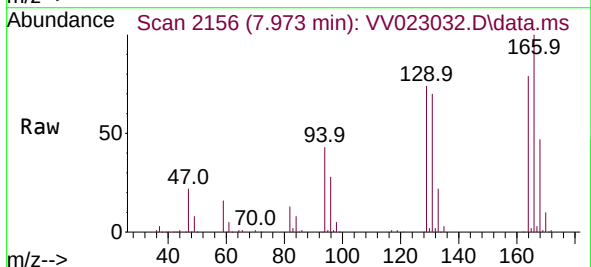
Ion Ratio Lower Upper

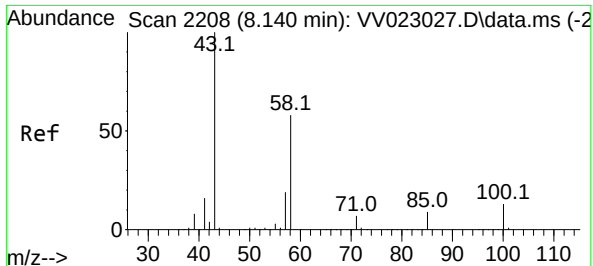
164 100

129 93.7 64.6 120.0

131 88.4 59.9 111.3

166 126.2 88.0 163.4

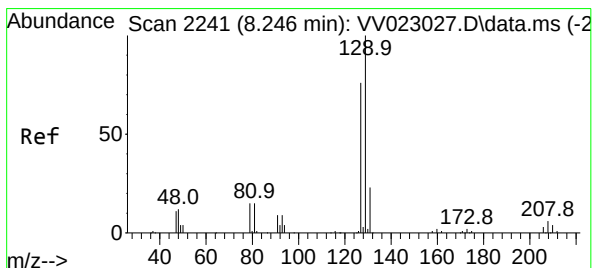
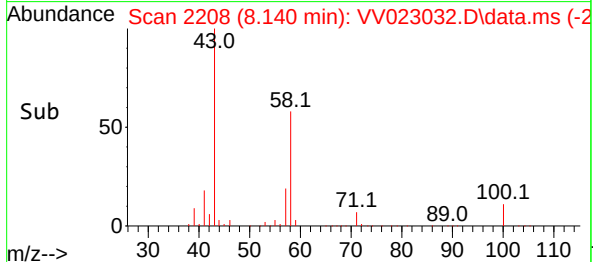
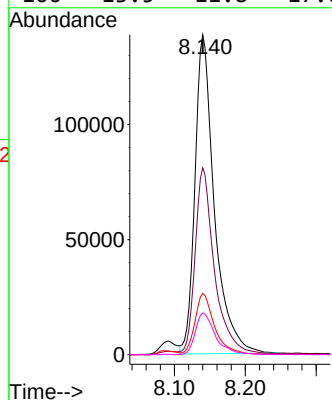
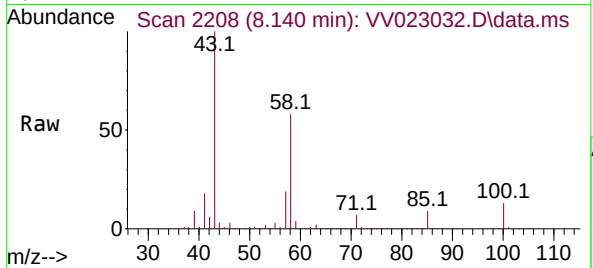




#48
2-Hexanone
Concen: 101.879 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

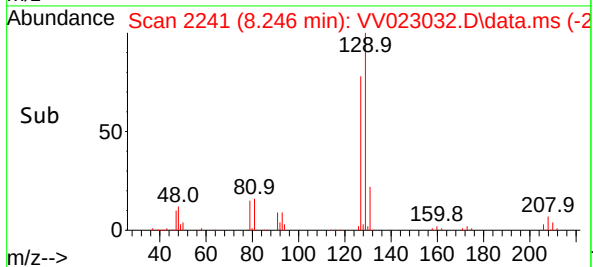
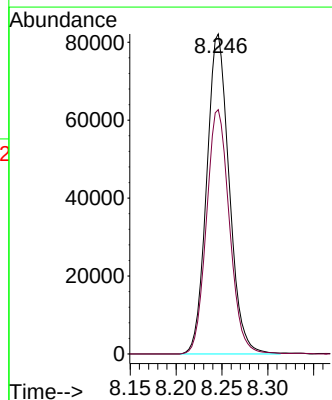
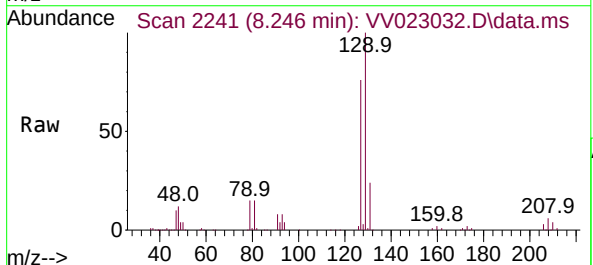
Instrument :
MSVOA_V
ClientSampled :

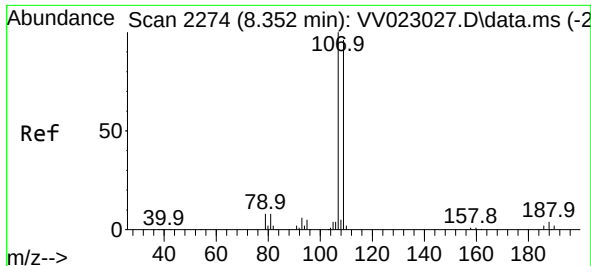
Tgt Ion:	43	Resp:	264537
Ion	Ratio	Lower	Upper
43	100		
58	57.4	47.0	70.4
57	19.1	15.8	23.6
100	13.5	11.8	17.6



#49
Dibromochloromethane
Concen: 51.828 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion:	129	Resp:	140280
Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.5	99.5





#50

1,2-Dibromoethane

Concen: 51.614 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

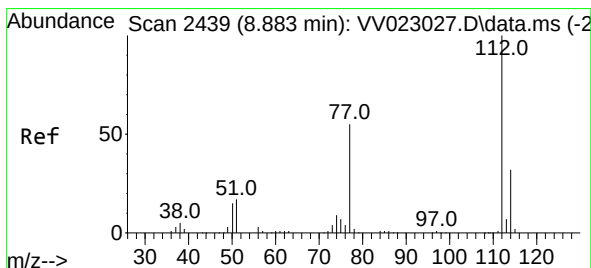
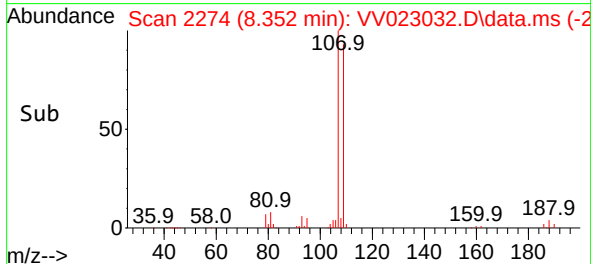
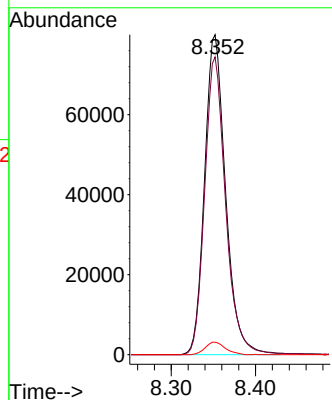
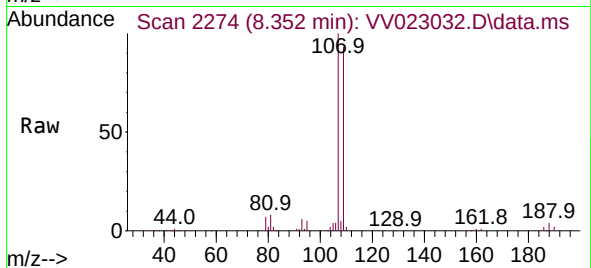
Tgt Ion:107 Resp: 138992

Ion Ratio Lower Upper

107 100

109 93.1 64.8 120.3

188 3.9 3.2 4.8



#51

Chlorobenzene

Concen: 50.419 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV023032.D

Acq: 25 Oct 2021 14:30

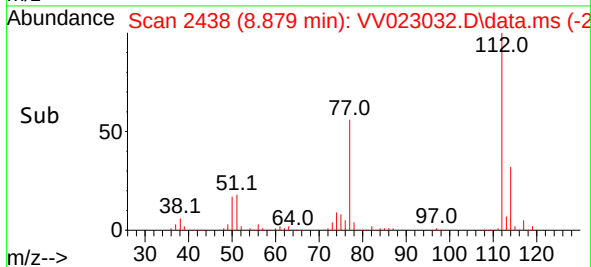
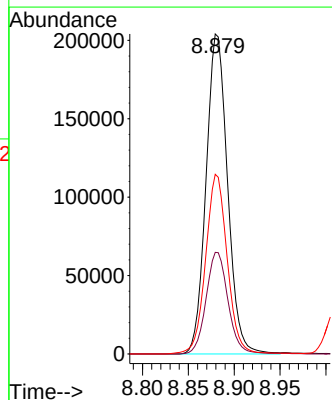
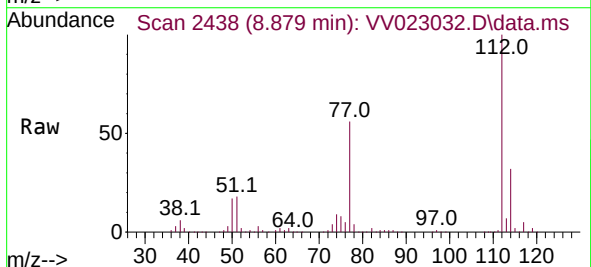
Tgt Ion:112 Resp: 333378

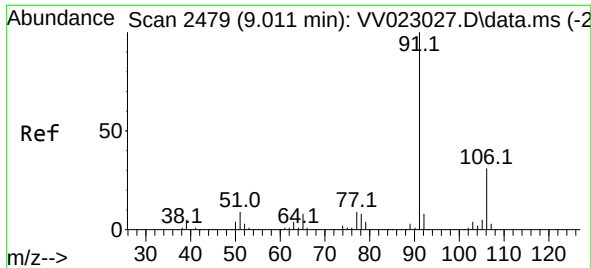
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 56.1 44.0 66.0

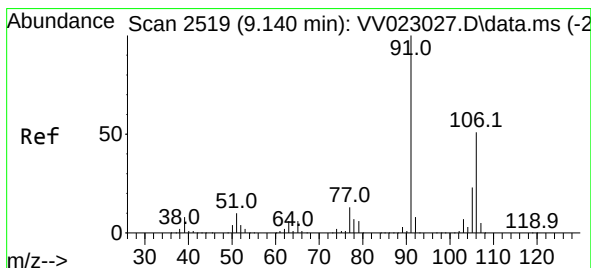
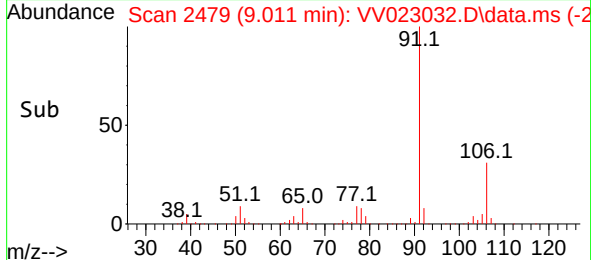
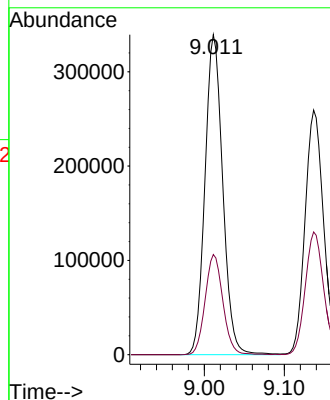
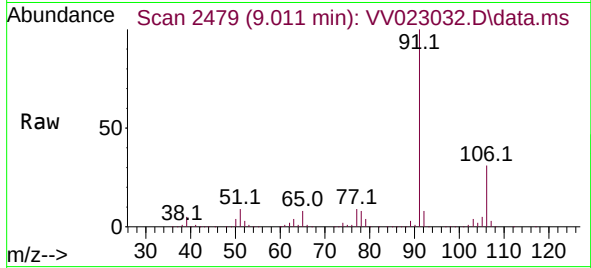




#52
Ethylbenzene
Concen: 50.726 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

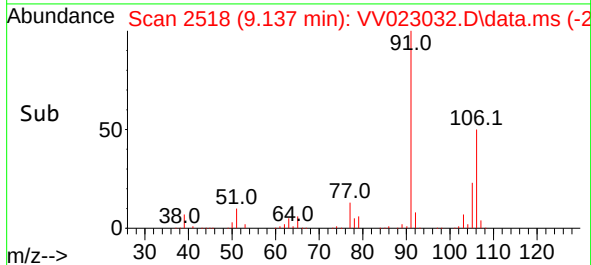
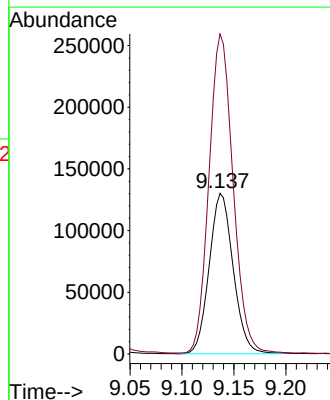
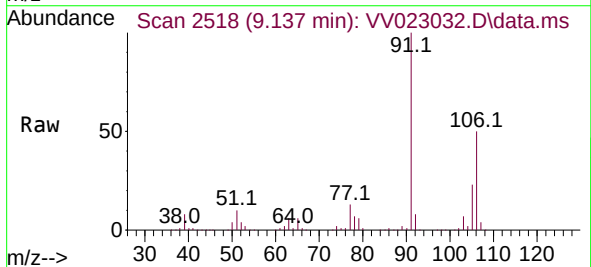
Instrument :
MSVOA_V
ClientSampled :

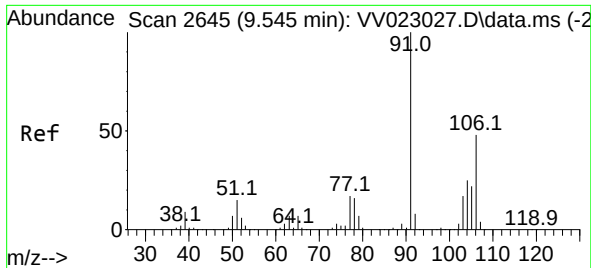
Tgt Ion: 91 Resp: 524814
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0



#53
m,p-Xylene
Concen: 50.923 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 106 Resp: 208736
Ion Ratio Lower Upper
106 100
91 199.2 139.4 258.8

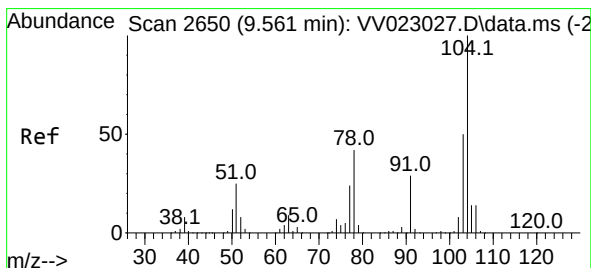
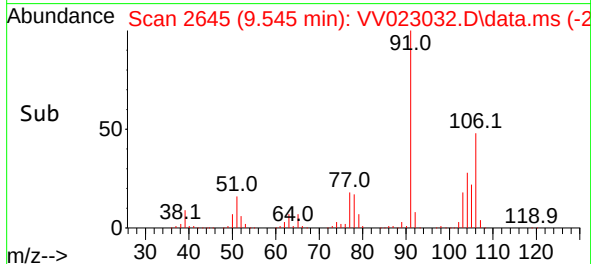
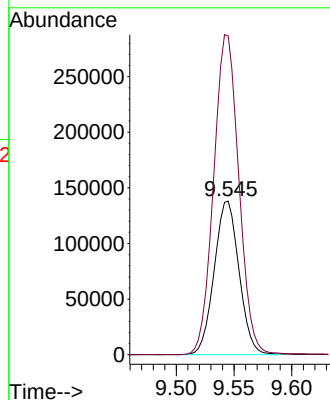
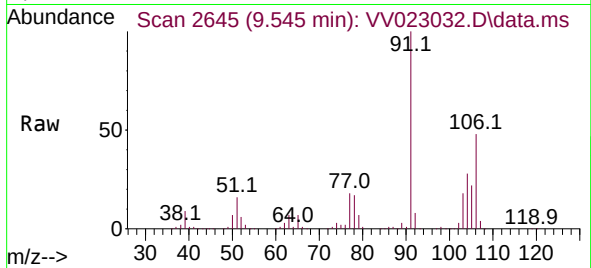




#54
o-Xylene
Concen: 51.695 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

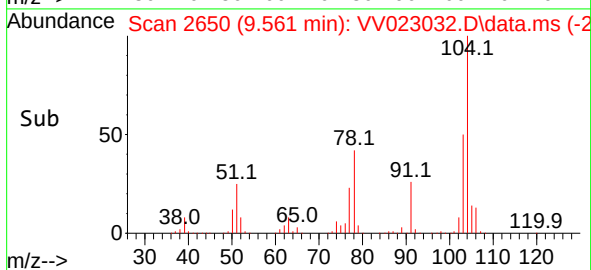
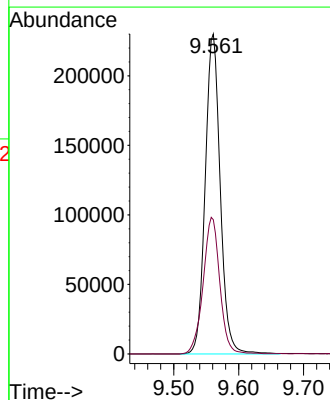
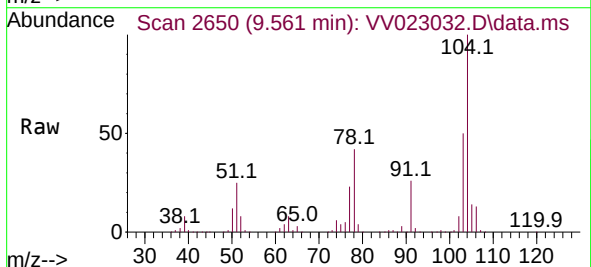
Instrument :
MSVOA_V
ClientSampled :

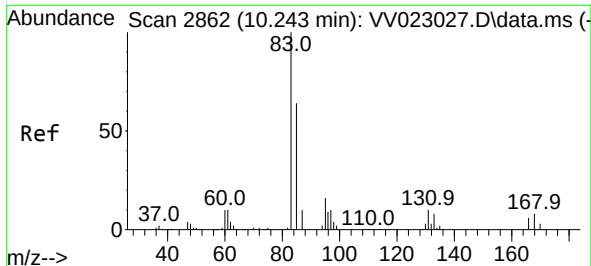
Tgt Ion:106 Resp: 206452
Ion Ratio Lower Upper
106 100
91 207.4 148.7 276.1



#55
Styrene
Concen: 54.134 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion:104 Resp: 371007
Ion Ratio Lower Upper
104 100
78 41.9 30.6 56.8

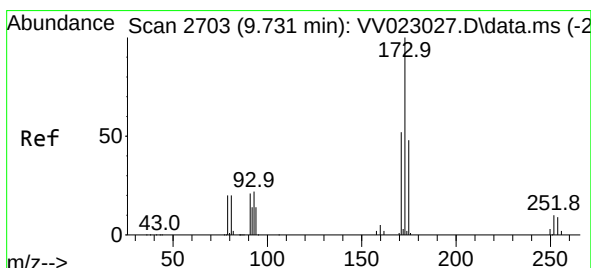
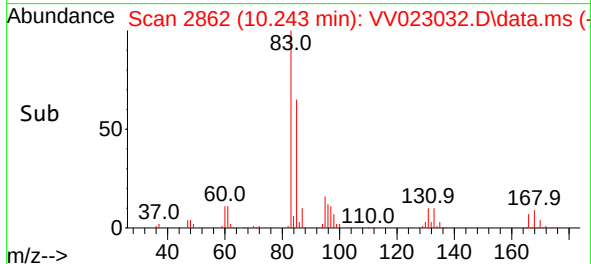
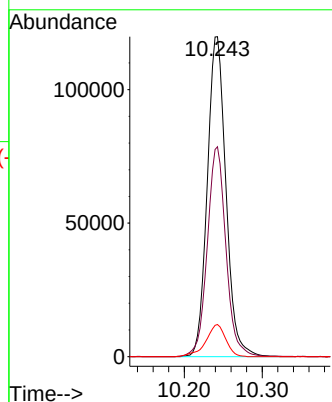
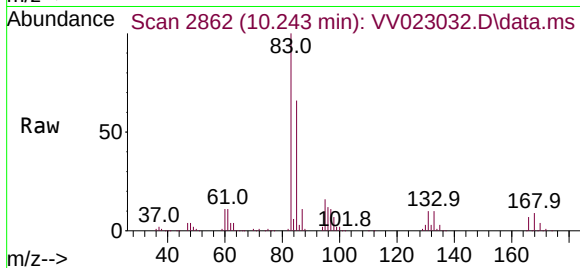




#57
 1,1,2,2-Tetrachloroethane
 Concen: 51.663 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV023032.D
 Acq: 25 Oct 2021 14:30

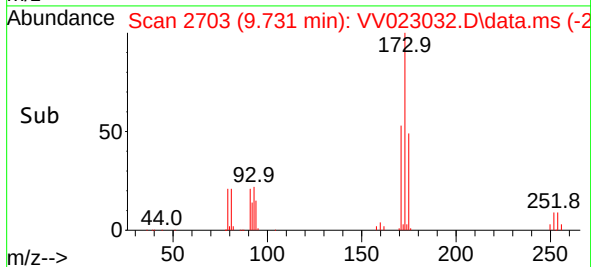
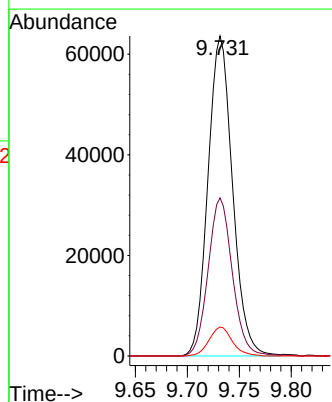
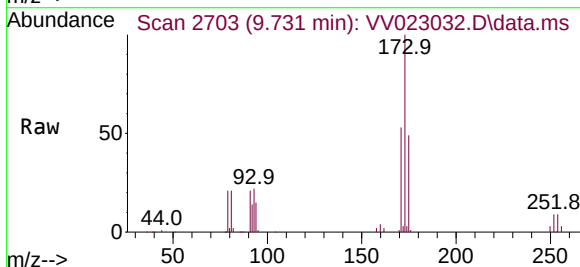
Instrument :
 MSVOA_V
 ClientSampleId :

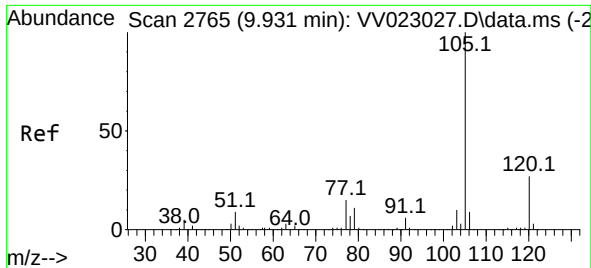
Tgt Ion: 83 Resp: 199716
 Ion Ratio Lower Upper
 83 100
 85 65.6 45.2 84.0
 131 10.0 8.2 12.4



#59
 Bromoform
 Concen: 49.543 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV023032.D
 Acq: 25 Oct 2021 14:30

Tgt Ion: 173 Resp: 104443
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.3 57.5
 254 8.6 7.0 10.6

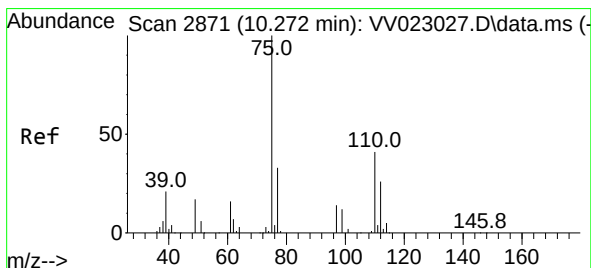
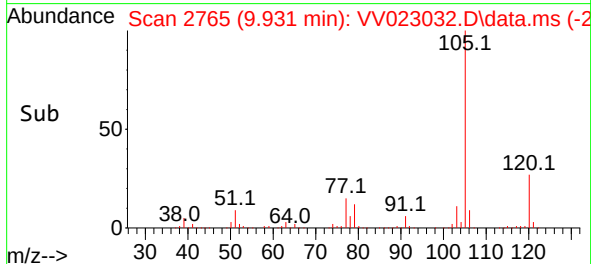
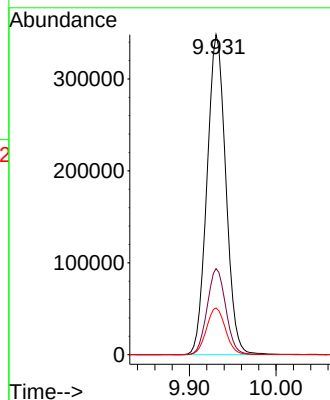
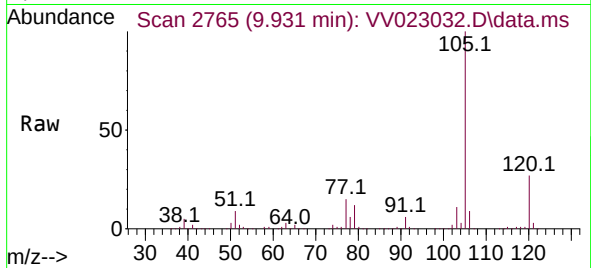




#60
Isopropylbenzene
Concen: 48.404 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

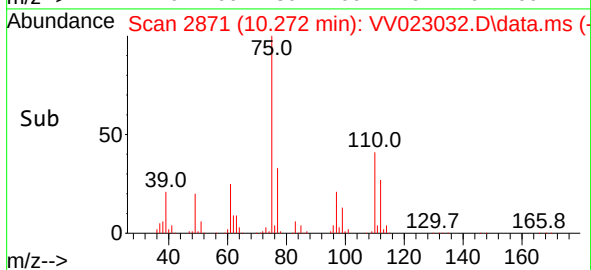
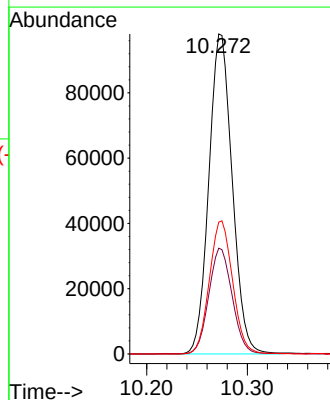
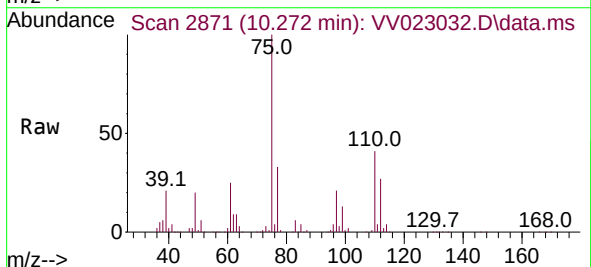
Instrument :
MSVOA_V
ClientSampleId :

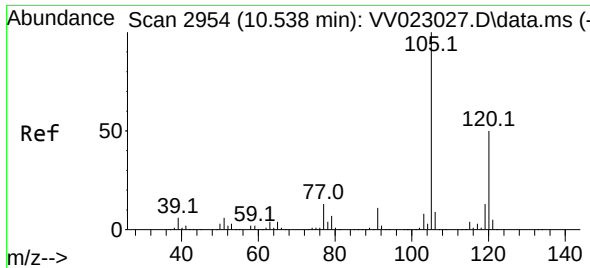
Tgt Ion:105 Resp: 525048
Ion Ratio Lower Upper
105 100
120 26.7 21.6 32.4
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 48.816 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 75 Resp: 158278
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0
110 41.4 34.3 51.5

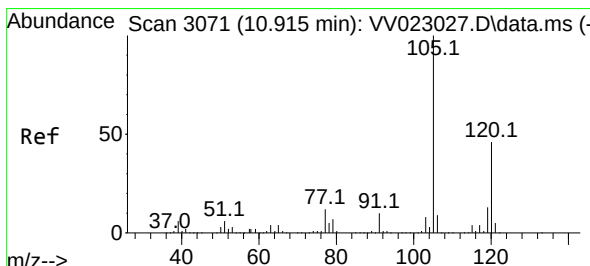
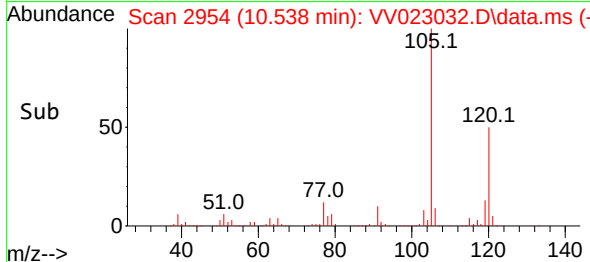
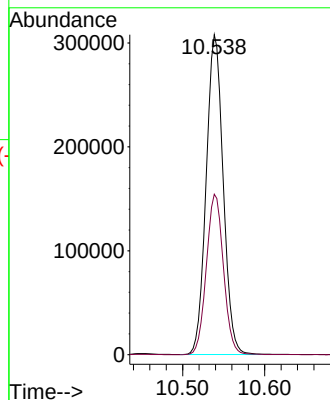
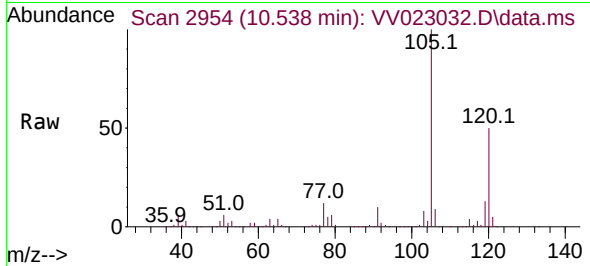




#62
1,3,5-Trimethylbenzene
Concen: 48.563 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

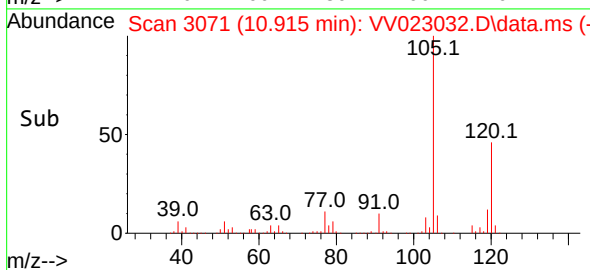
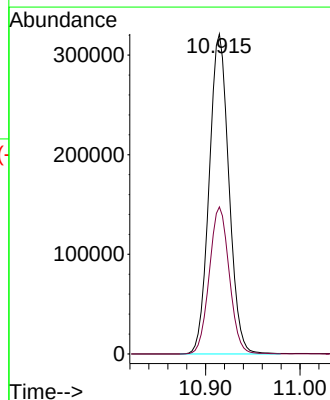
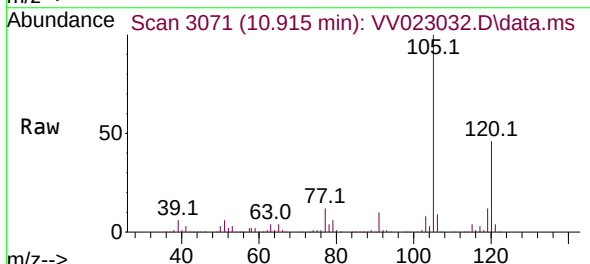
Instrument :
MSVOA_V
ClientSampled :

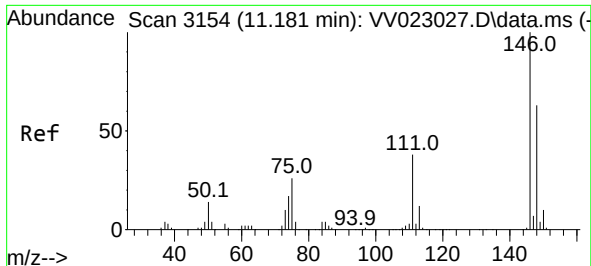
Tgt Ion:105 Resp: 443538
Ion Ratio Lower Upper
105 100
120 50.4 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 51.200 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion:105 Resp: 464869
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.0

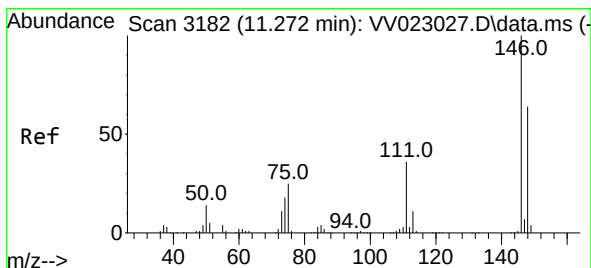
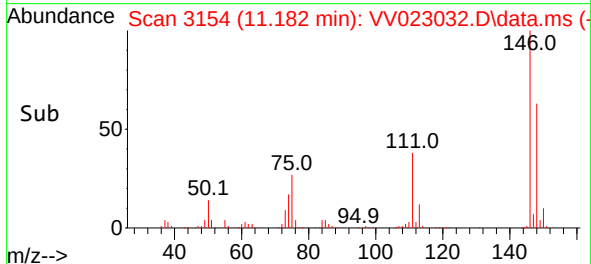
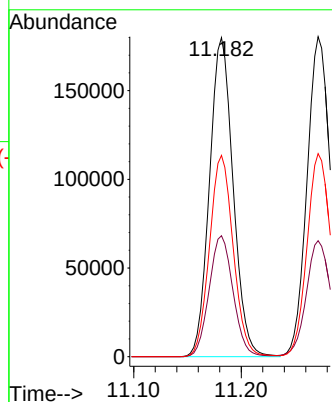
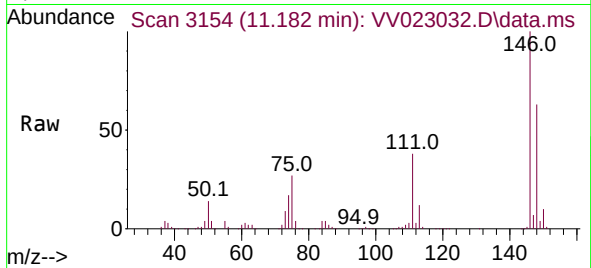




#64
1,3-Dichlorobenzene
Concen: 49.877 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

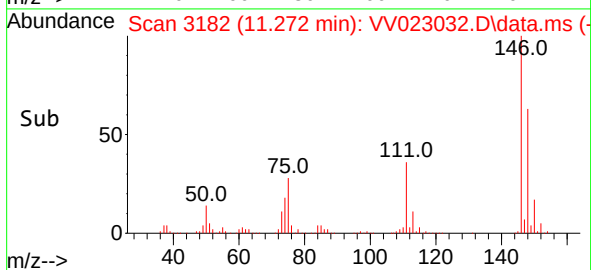
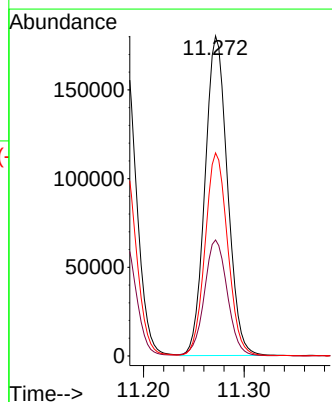
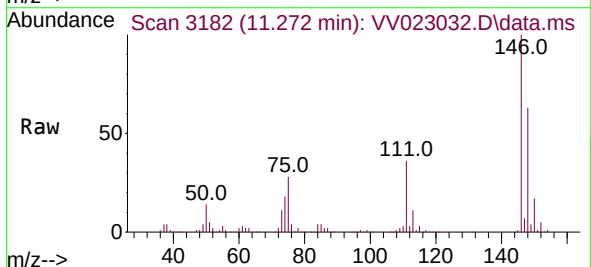
Instrument :
MSVOA_V
ClientSampled :

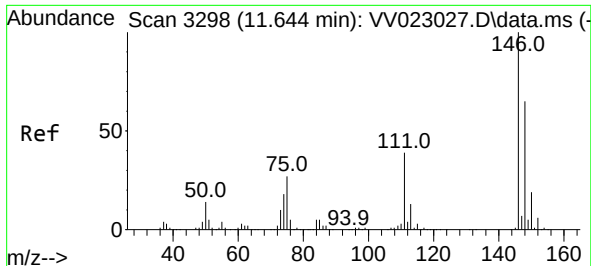
Tgt Ion:146 Resp: 274481
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 63.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 48.964 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion:146 Resp: 279851
Ion Ratio Lower Upper
146 100
111 36.2 25.5 47.3
148 63.5 43.9 81.5

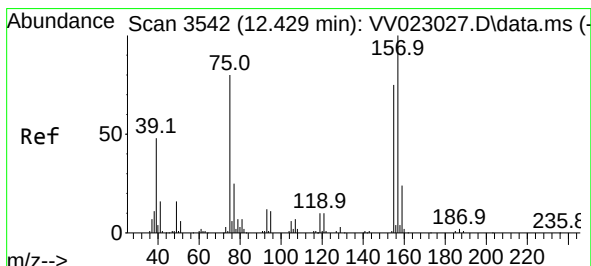
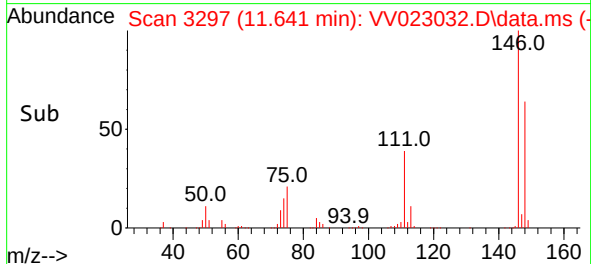
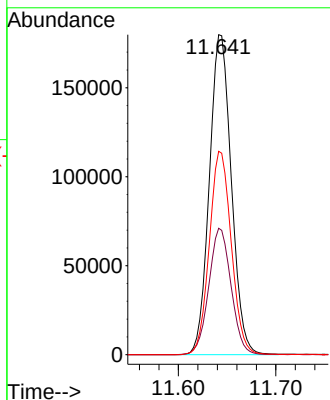
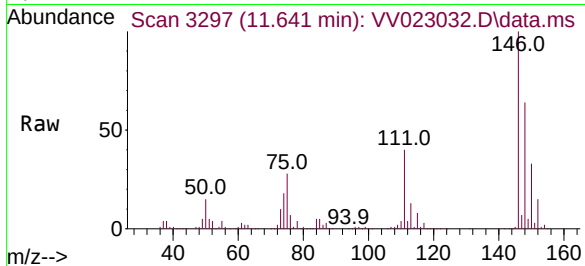




#67
1,2-Dichlorobenzene
Concen: 50.107 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

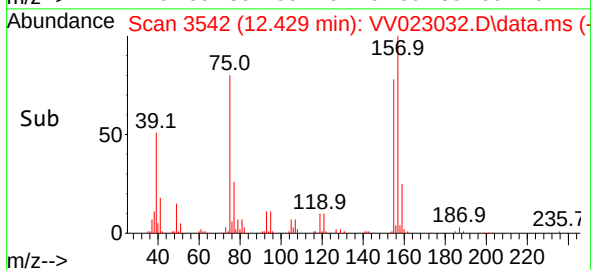
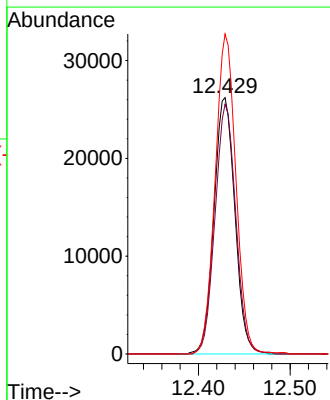
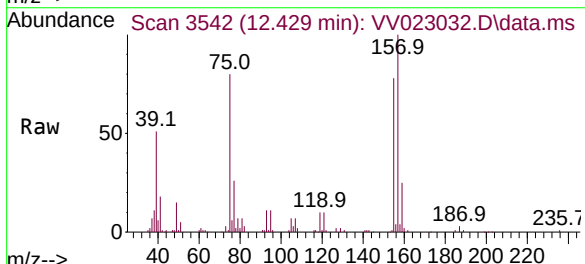
Instrument :
MSVOA_V
ClientSampleId :

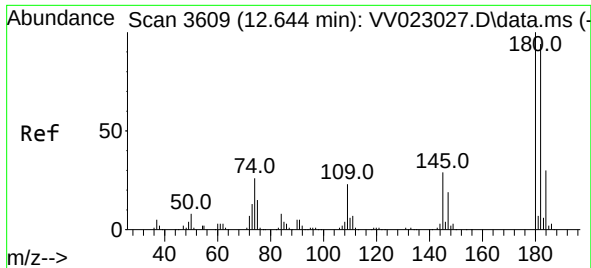
Tgt Ion:146 Resp: 281799
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 63.6 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 46.742 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion: 75 Resp: 41523
Ion Ratio Lower Upper
75 100
155 97.5 79.1 118.7
157 124.8 104.2 156.2

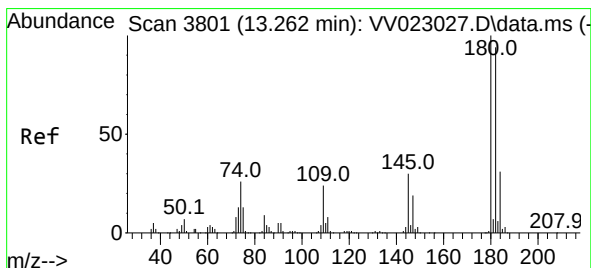
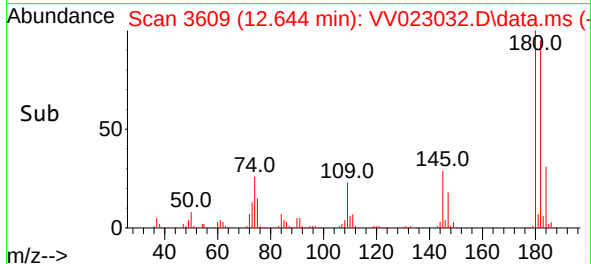
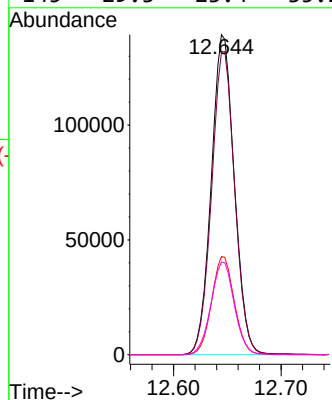
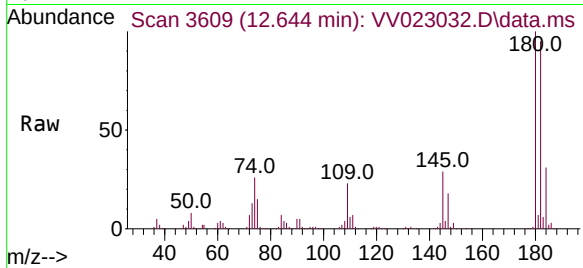




#69
1,3,5-Trichlorobenzene
Concen: 50.788 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

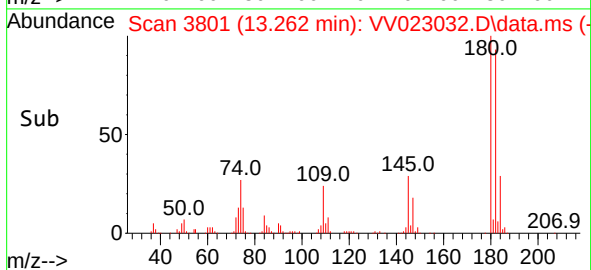
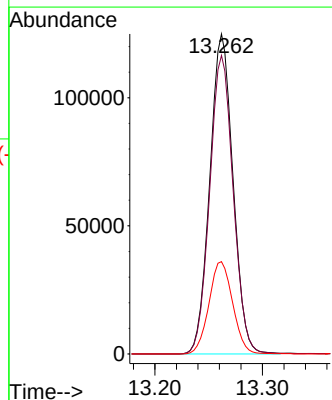
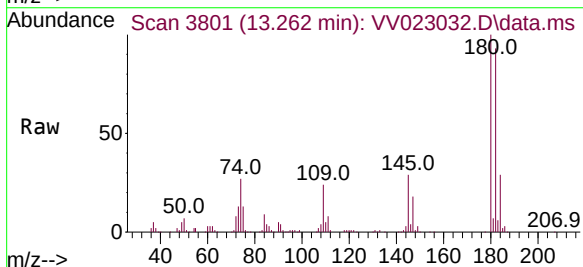
Instrument :
MSVOA_V
ClientSampleId :

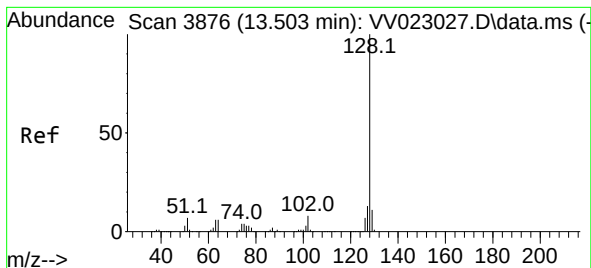
Tgt Ion:180 Resp: 207673
Ion Ratio Lower Upper
180 100
182 95.0 75.0 112.4
184 30.1 23.6 35.4
145 29.3 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 50.884 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion:180 Resp: 187101
Ion Ratio Lower Upper
180 100
182 94.6 75.5 113.3
145 29.5 23.0 34.4

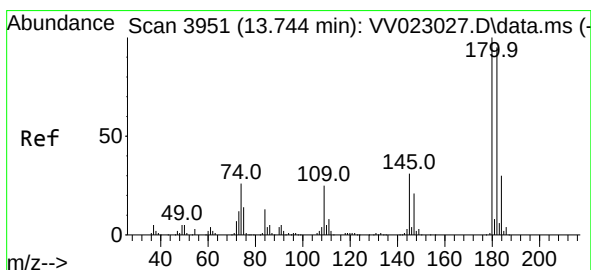
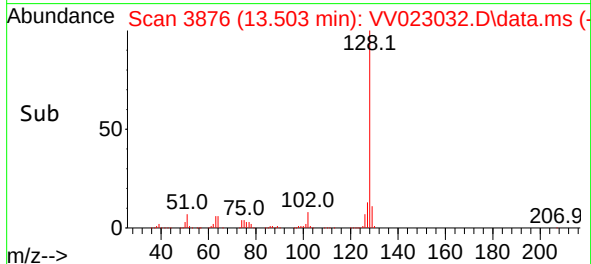
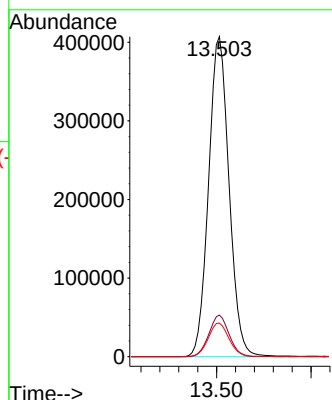
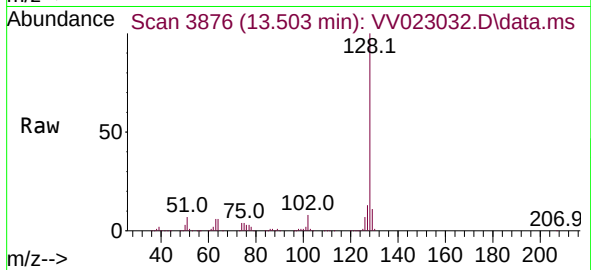




#71
Naphthalene
Concen: 50.544 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 611976
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.720 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023032.D
Acq: 25 Oct 2021 14:30

Tgt Ion:180 Resp: 200358
Ion Ratio Lower Upper
180 100
182 93.8 76.1 114.1
145 31.3 24.6 36.8

