

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022738.D
 Acq On : 11 Oct 2021 18:40
 Operator : SY/MD
 Sample : M4109-15MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:43:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114079	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63295	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31926	4.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.564	69	32168	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.108	63	69543	4.517	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.899	46	79844	38.797	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.600%
24) Chloroform-d	4.349	84	75454	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.034	65	36099	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.053	84	142917	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.072	67	45767	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.317	98	135728	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.625	79	15286	4.442	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.092	63	74133	53.462	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33905	4.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	55821	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	43259	5.203	ug/L	100
3) Chloromethane	1.240	50	44913	5.375	ug/L	100
5) Vinyl chloride	1.307	62	47128	5.459	ug/L	99
6) Bromomethane	1.519	94	30319	5.633	ug/L	99
8) Chloroethane	1.584	64	28965	5.422	ug/L	99
9) Trichlorofluoromethane	1.751	101	66827	5.284	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	41540	5.647	ug/L	99
12) 1,1-Dichloroethene	2.118	96	41158	5.973	ug/L	79
13) Acetone	2.182	43	43119	37.574	ug/L #	42
14) Carbon disulfide	2.294	76	105699	5.458	ug/L	100
15) Methyl Acetate	2.436	43	15497	4.720	ug/L #	82
16) Methylene chloride	2.507	84	40415	4.261	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	80892	4.851	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	39124	5.221	ug/L	98
19) 1,1-Dichloroethane	3.191	63	69273	5.132	ug/L	99
21) 2-Butanone	3.982	43	72567	38.620	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	40468	5.143	ug/L	93
23) Bromochloromethane	4.249	128	19454	5.565	ug/L	89
25) Chloroform	4.375	83	81616	5.216	ug/L	96

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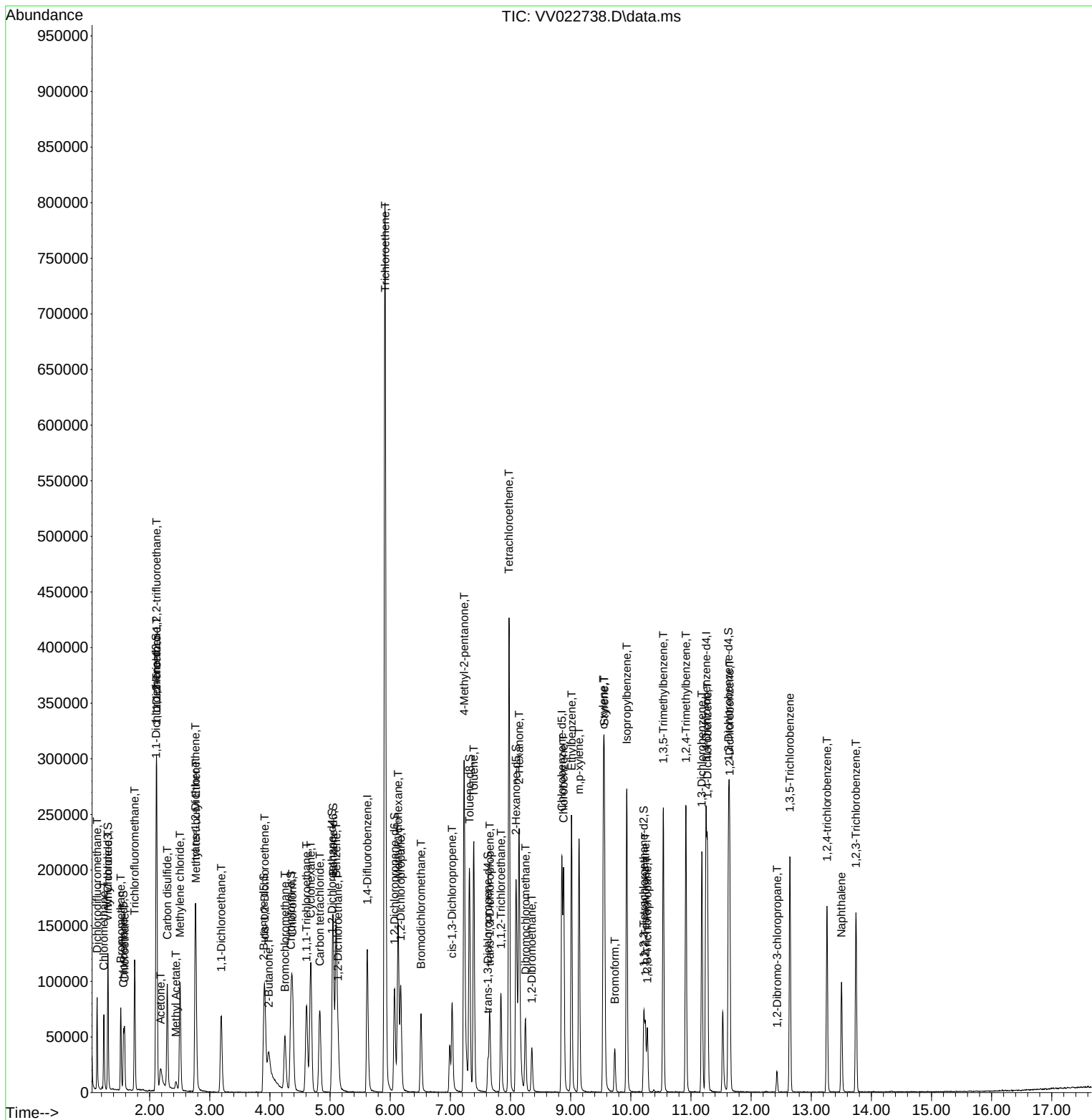
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 ClientSampleId :

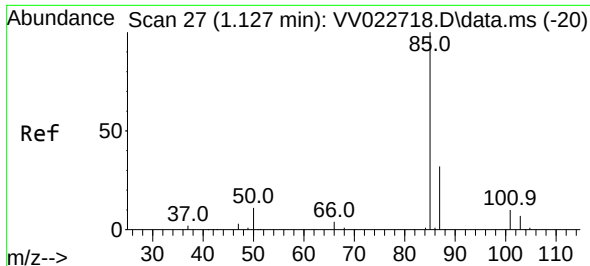
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	38750	4.962	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	64622	4.810	ug/L	99
30) Cyclohexane	4.680	56	59277	4.781	ug/L	99
31) Carbon tetrachloride	4.828	117	55917	4.795	ug/L	98
33) Benzene	5.101	78	154047	4.862	ug/L	100
34) Trichloroethene	5.915	95	275422	31.963	ug/L	98
35) Methylcyclohexane	6.133	83	61600	5.102	ug/L	94
37) 1,2-Dichloropropane	6.175	63	37985	4.984	ug/L	99
38) Bromodichloromethane	6.513	83	48402	5.154	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	49763	4.933	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	221295	54.041	ug/L	99
42) Toluene	7.391	91	169134	5.258	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43880	5.335	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	28702	5.075	ug/L	97
47) Tetrachloroethene	7.976	164	97880	14.045	ug/L	99
48) 2-Hexanone	8.143	43	166626	55.652	ug/L	99
49) Dibromochloromethane	8.249	129	33945	5.128	ug/L	90
50) 1,2-Dibromoethane	8.355	107	26999	5.113	ug/L	99
51) Chlorobenzene	8.883	112	110881	5.246	ug/L	99
52) Ethylbenzene	9.014	91	168674	5.165	ug/L	100
53) m,p-xylene	9.140	106	67072	5.233	ug/L	98
54) o-xylene	9.545	106	63682	5.281	ug/L	99
55) Styrene	9.561	104	111457	5.364	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	28883	5.048	ug/L	96
59) Bromoform	9.735	173	18419	5.195	ug/L	99
60) Isopropylbenzene	9.934	105	171554	5.336	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23065	5.245	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	136897	5.270	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	139193	5.355	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	90201	5.346	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	88326	5.155	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	86819	5.485	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	3876	4.842	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	65880	5.183	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	50463	5.197	ug/L	99
71) Naphthalene	13.503	128	80017	5.185	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	48225	5.267	ug/L	98

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

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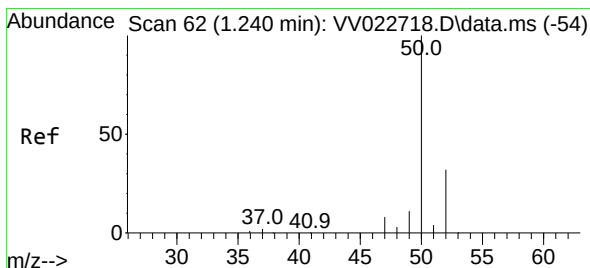
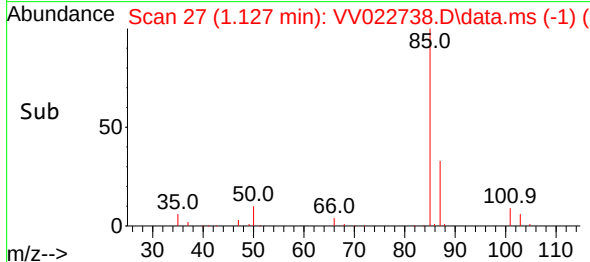
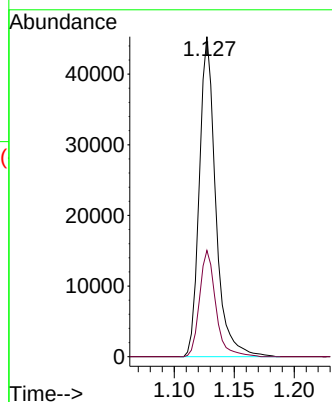
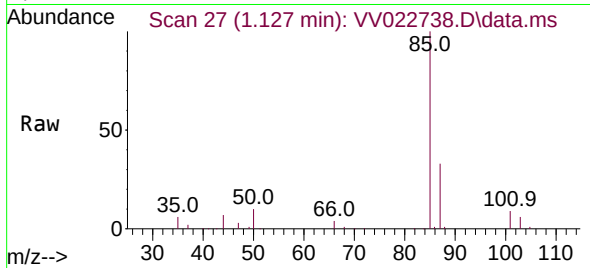




#2
 Dichlorodifluoromethane
 Concen: 5.203 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022738.D
 Acq: 11 Oct 2021 18:40

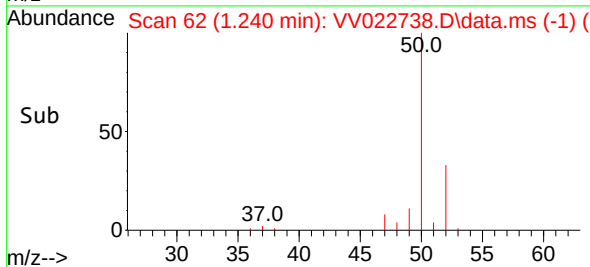
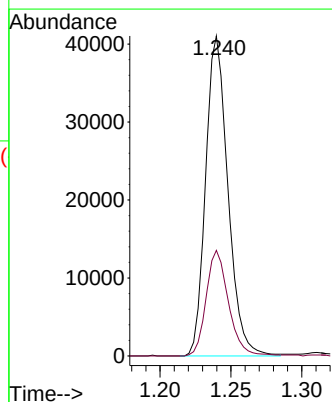
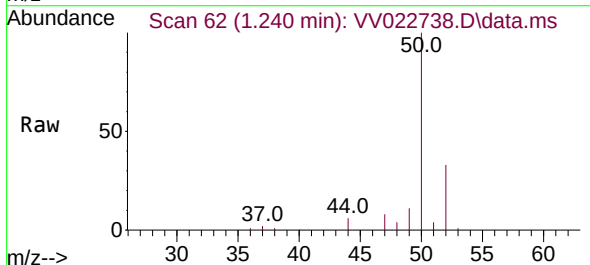
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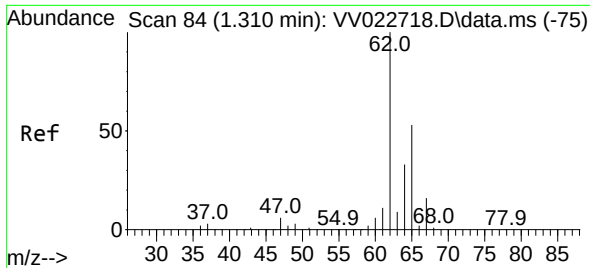
Tgt Ion: 85 Resp: 43259
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.3 39.5



#3
 Chloromethane
 Concen: 5.375 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022738.D
 Acq: 11 Oct 2021 18:40

Tgt Ion: 50 Resp: 44913
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.9 42.5

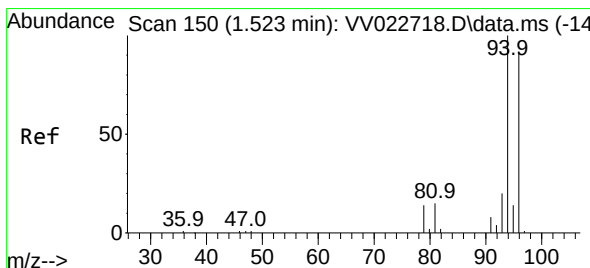
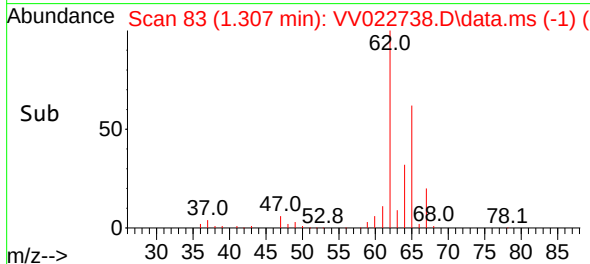
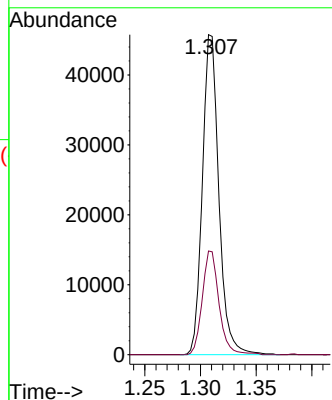
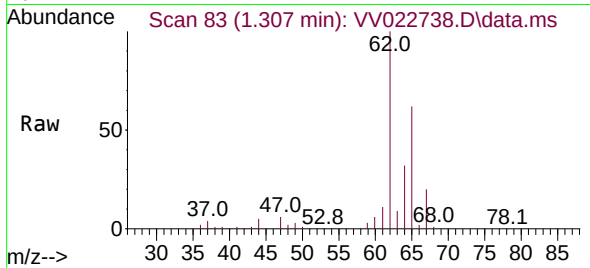




#5
 Vinyl chloride
 Concen: 5.459 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022738.D
 Acq: 11 Oct 2021 18:40

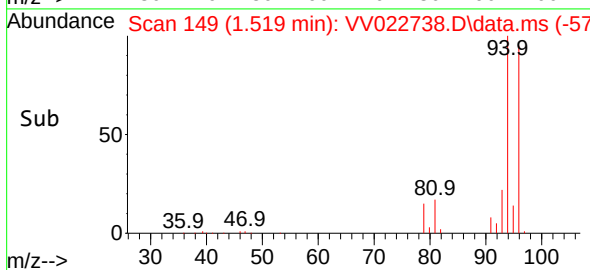
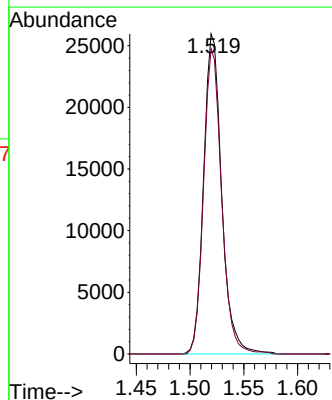
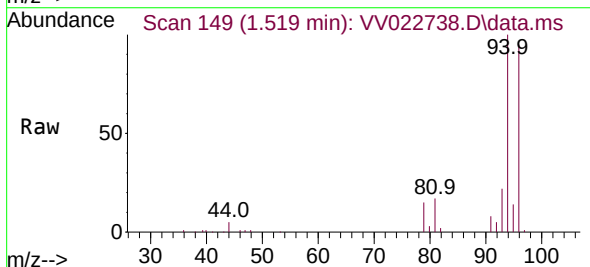
Instrument :
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 ClientSampled :

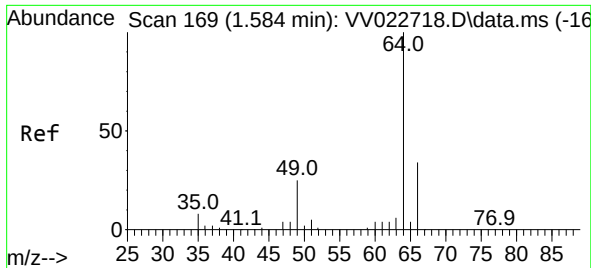
Tgt Ion: 62 Resp: 47128
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.8



#6
 Bromomethane
 Concen: 5.633 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022738.D
 Acq: 11 Oct 2021 18:40

Tgt Ion: 94 Resp: 30319
 Ion Ratio Lower Upper
 94 100
 96 95.4 67.2 124.8

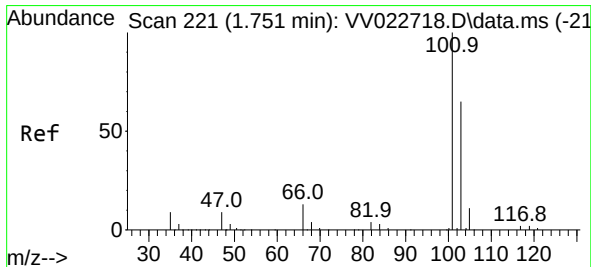
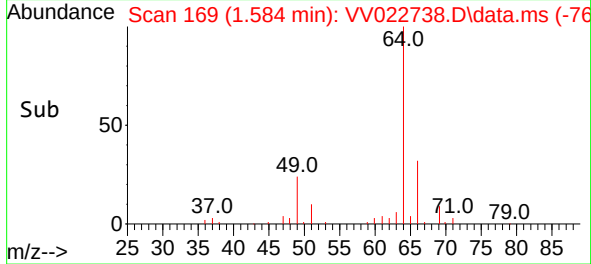
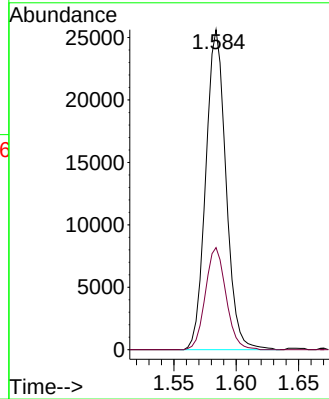
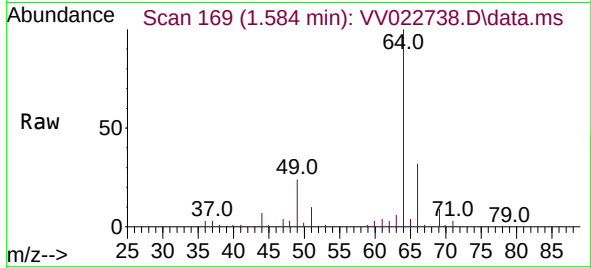




#8
Chloroethane
Concen: 5.422 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

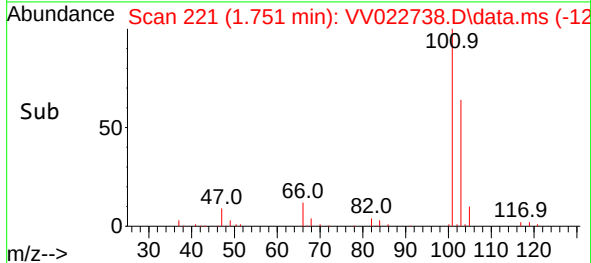
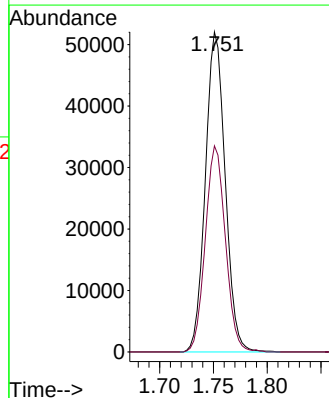
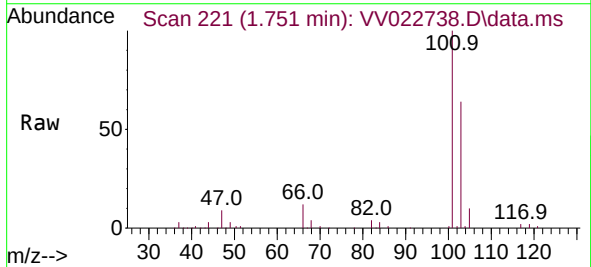
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ClientSampled :

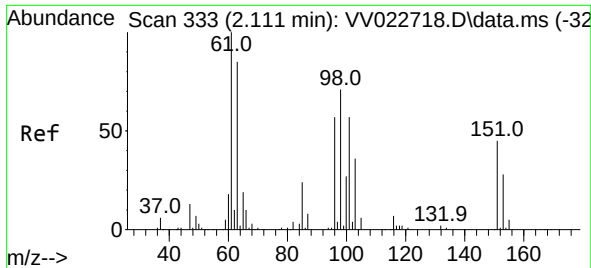
Tgt Ion: 64 Resp: 28965
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.284 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion:101 Resp: 66827
Ion Ratio Lower Upper
101 100
103 65.4 50.3 75.5

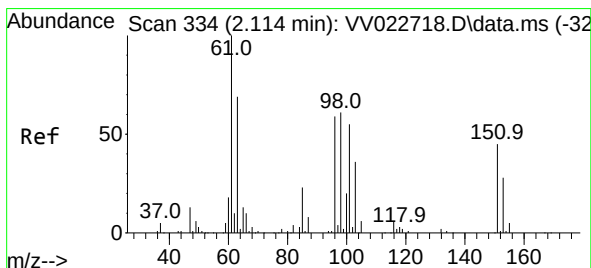
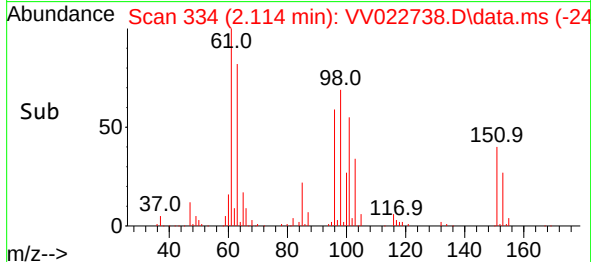
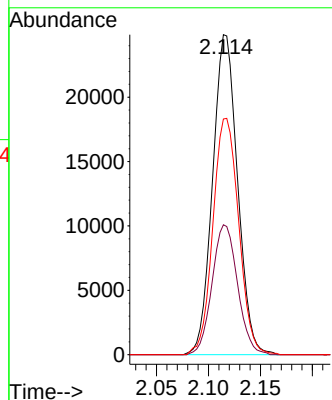
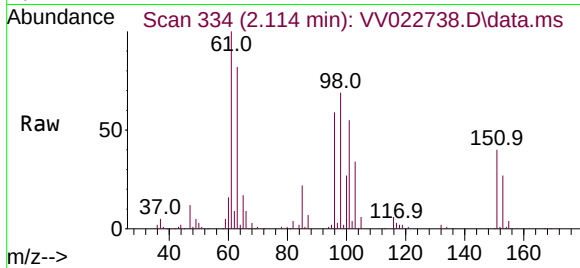




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.647 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

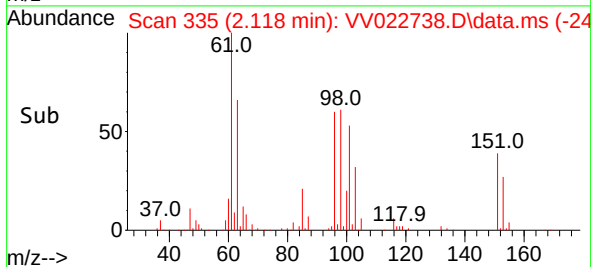
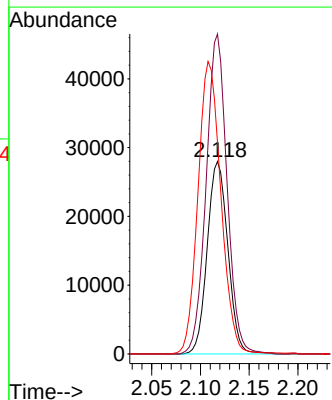
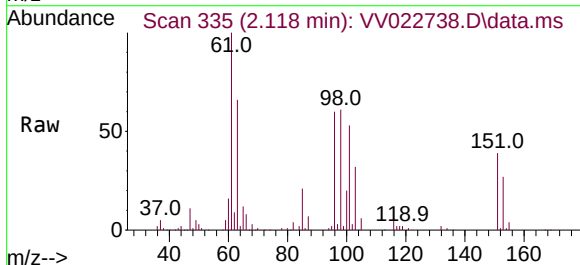
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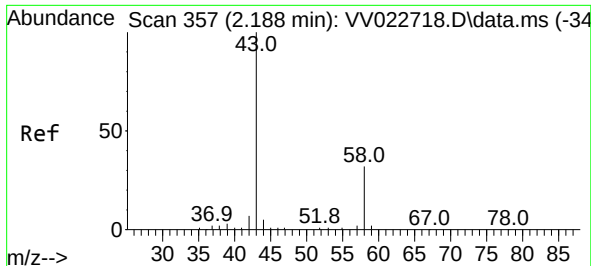
Tgt Ion:101 Resp: 41540
Ion Ratio Lower Upper
101 100
85 41.4 34.6 52.0
151 76.3 60.9 91.3



#12
1,1-Dichloroethene
Concen: 5.973 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 96 Resp: 41158
Ion Ratio Lower Upper
96 100
61 166.3 127.3 236.5
63 110.0 106.2 197.2

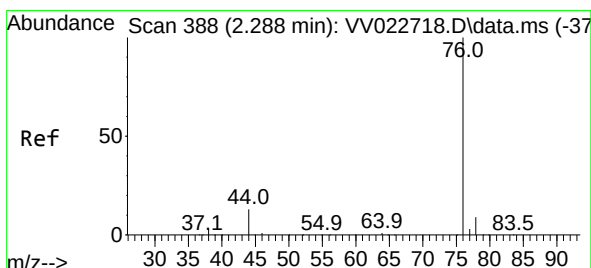
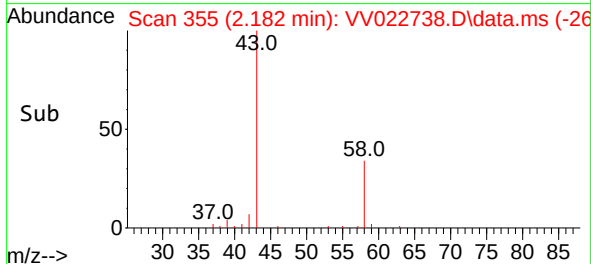
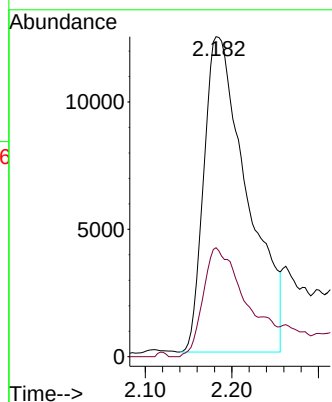
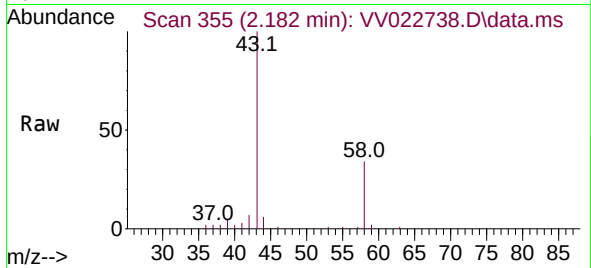




#13
Acetone
Concen: 37.574 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.006 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

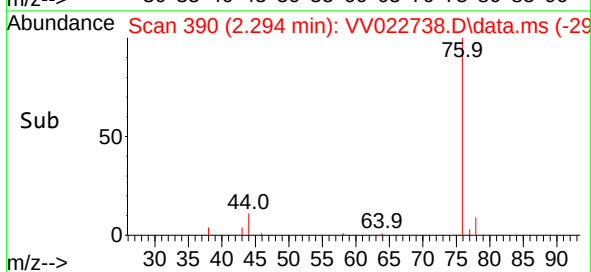
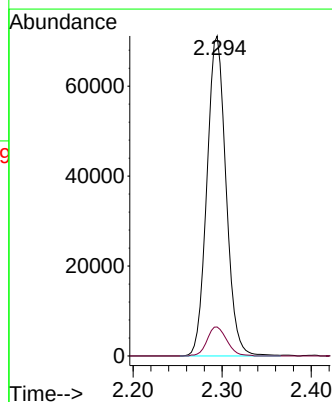
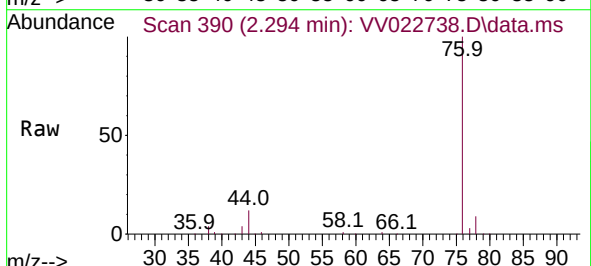
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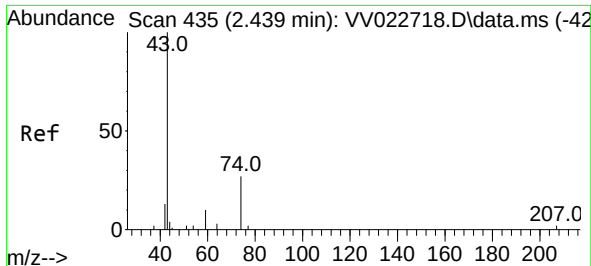
Tgt Ion: 43 Resp: 43119
Ion Ratio Lower Upper
43 100
58 34.7 0.0 24.2#



#14
Carbon disulfide
Concen: 5.458 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.007 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 76 Resp: 105699
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

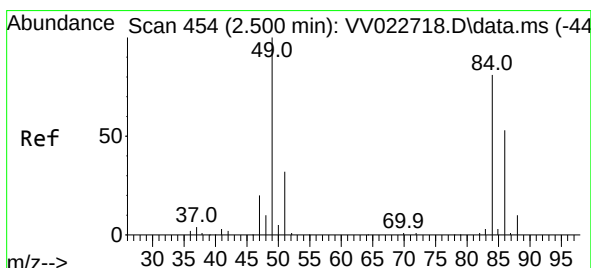
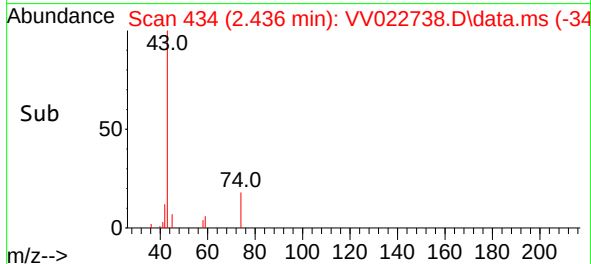
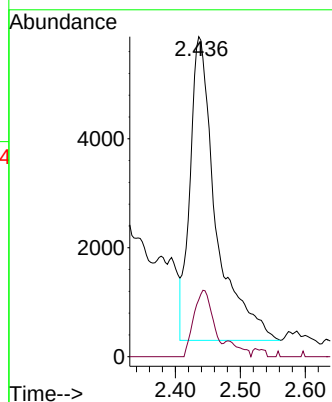
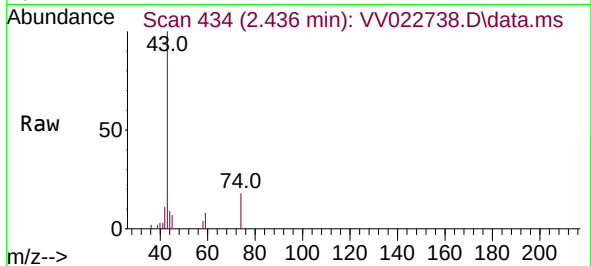




#15
Methyl Acetate
Concen: 4.720 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

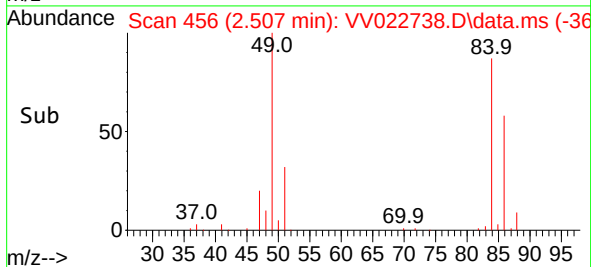
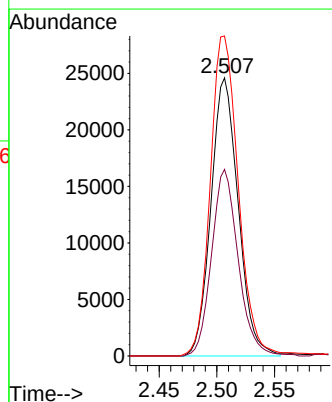
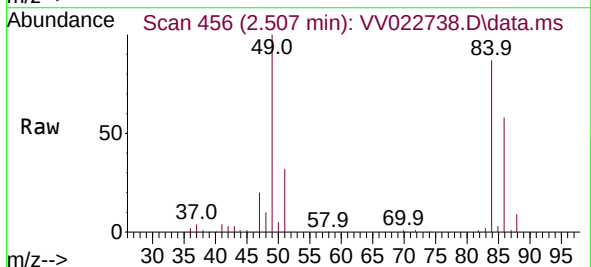
Instrument :
MSVOA_V
ClientSampled :

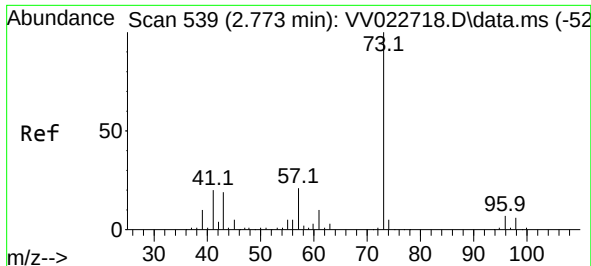
Tgt Ion: 43 Resp: 15497
Ion Ratio Lower Upper
43 100
74 16.1 19.9 29.9#



#16
Methylene chloride
Concen: 4.261 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.007 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 84 Resp: 40415
Ion Ratio Lower Upper
84 100
86 67.1 45.8 85.2
49 115.1 90.3 167.7

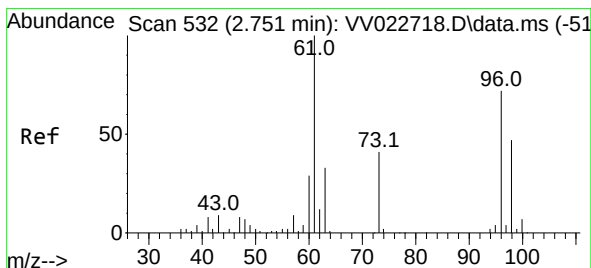
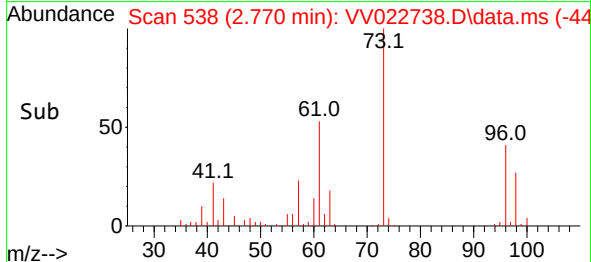
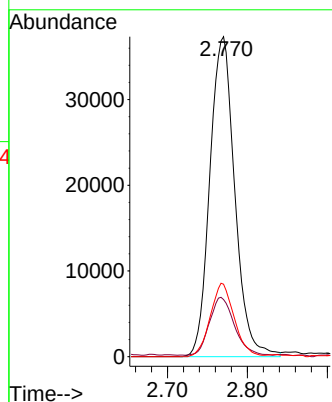
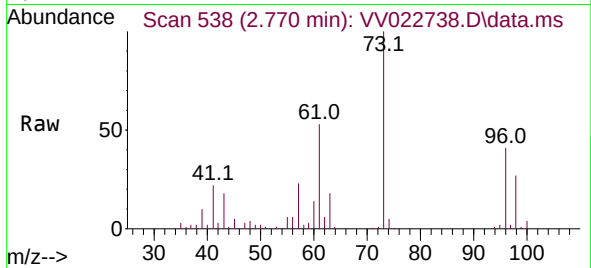




#17
Methyl tert-butyl Ether
Concen: 4.851 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

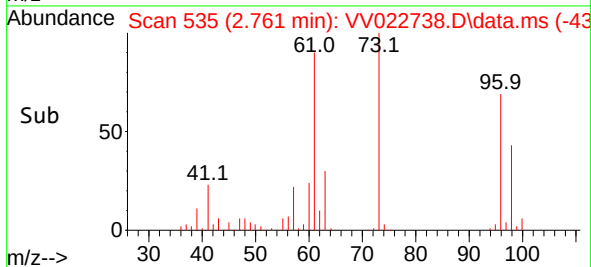
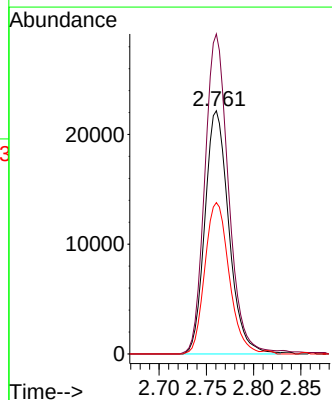
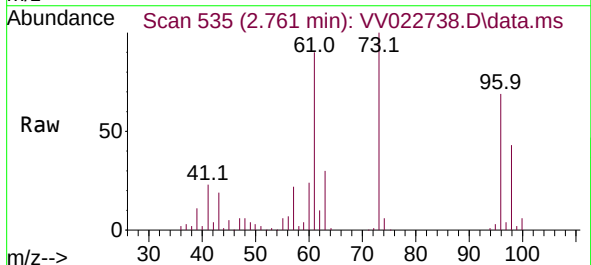
Instrument :
MSVOA_V
ClientSampleId :

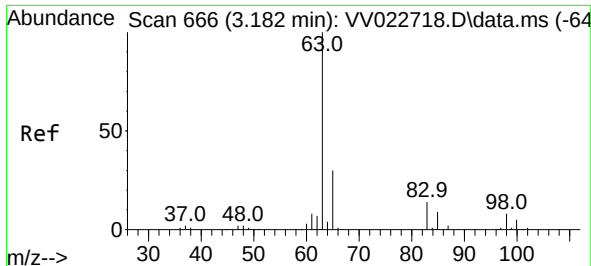
Tgt Ion: 73 Resp: 80892
Ion Ratio Lower Upper
73 100
43 17.9 17.1 25.7
57 22.0 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.221 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 96 Resp: 39124
Ion Ratio Lower Upper
96 100
61 131.6 94.5 175.5
98 62.3 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.132 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.010 min

Lab File: VV022738.D

Acq: 11 Oct 2021 18:40

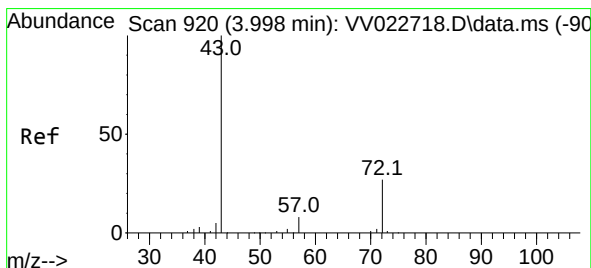
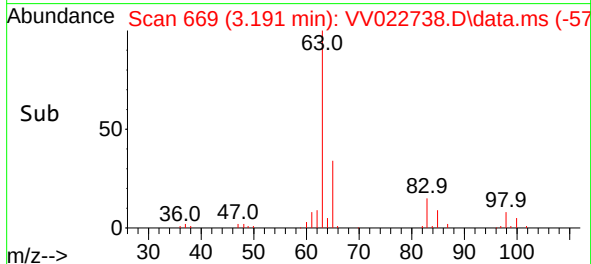
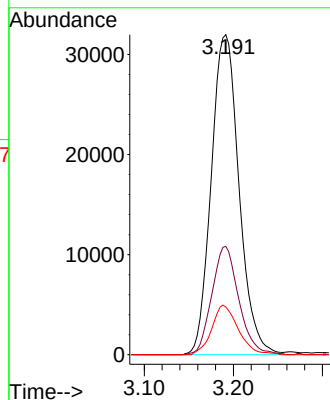
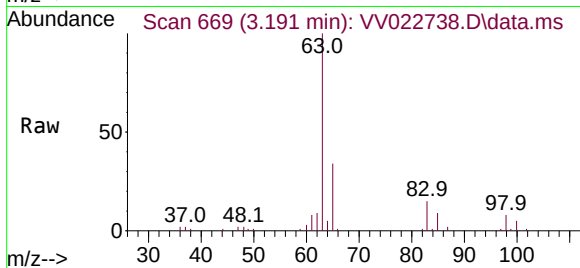
Tgt Ion: 63 Resp: 69273

Ion Ratio Lower Upper

63 100

65 33.8 23.5 43.7

83 14.9 10.1 18.7



#21

2-Butanone

Concen: 38.620 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.016 min

Lab File: VV022738.D

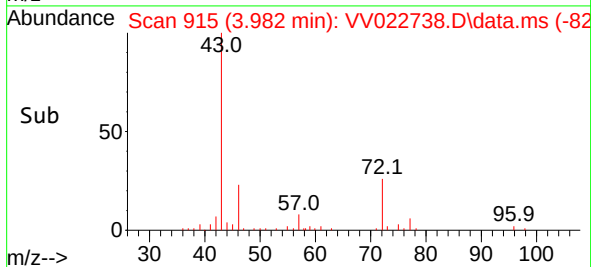
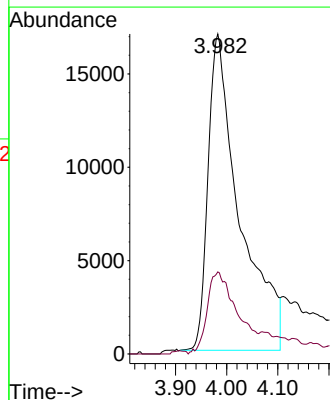
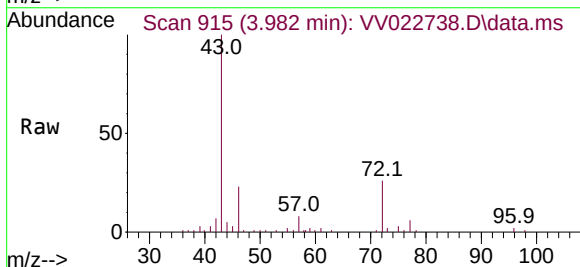
Acq: 11 Oct 2021 18:40

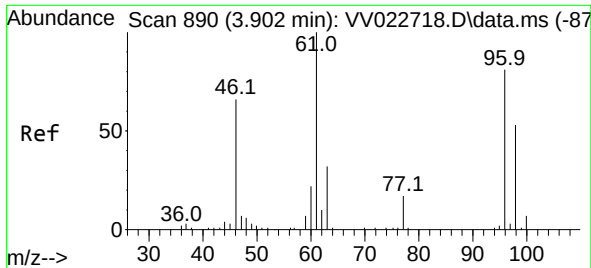
Tgt Ion: 43 Resp: 72567

Ion Ratio Lower Upper

43 100

72 24.8 12.3 36.8

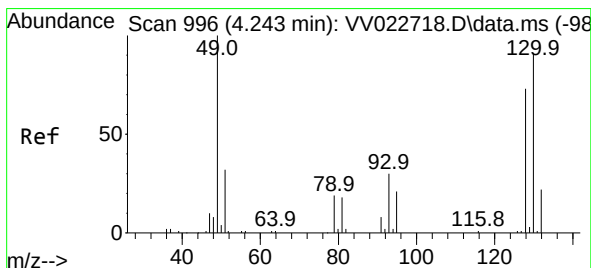
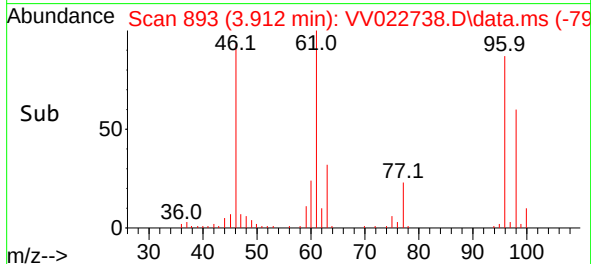
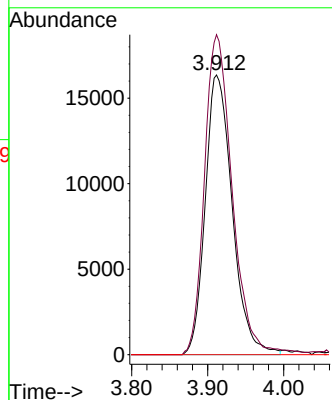
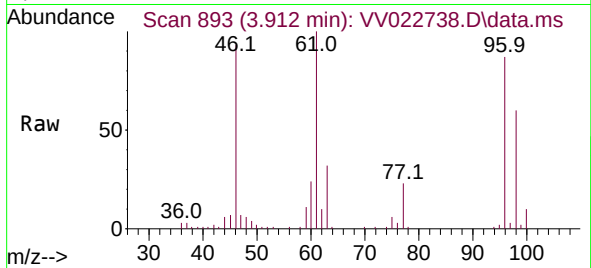




#22
cis-1,2-Dichloroethene
Concen: 5.143 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

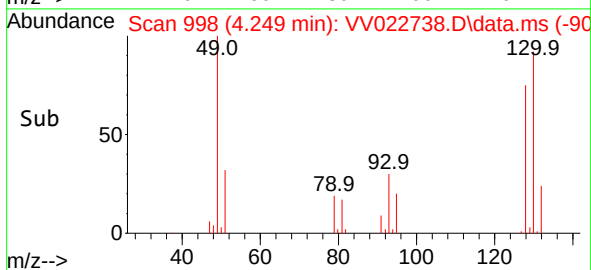
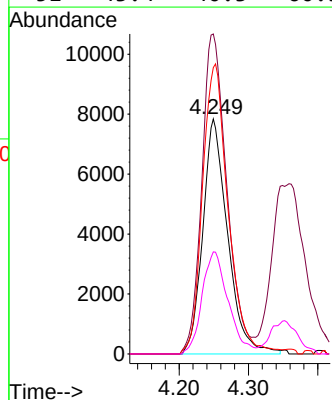
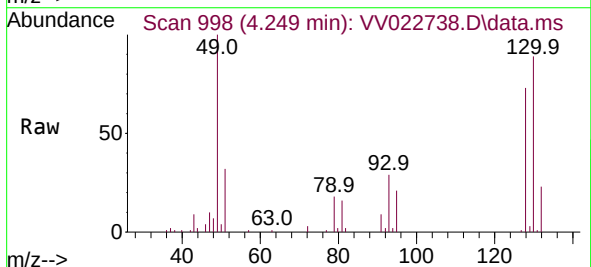
Instrument :
MSVOA_V
ClientSampled :

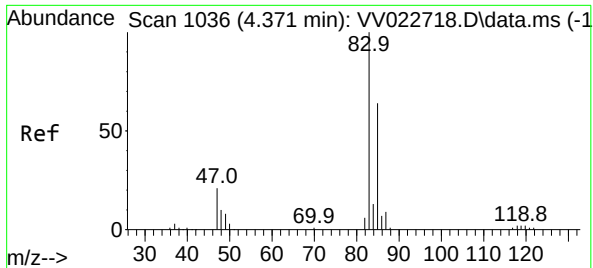
Tgt Ion: 96 Resp: 40468
Ion Ratio Lower Upper
96 100
61 114.4 86.0 159.6
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.565 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 128 Resp: 19454
Ion Ratio Lower Upper
128 100
49 136.1 106.9 198.5
130 121.8 91.9 170.7
51 43.4 40.3 60.5





#25

Chloroform

Concen: 5.216 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV022738.D

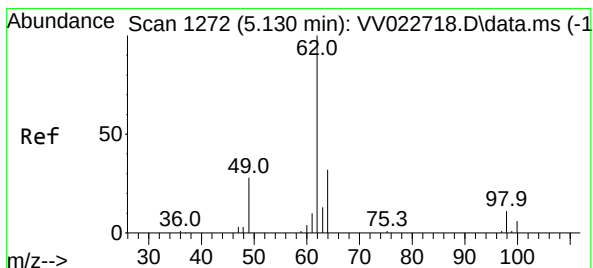
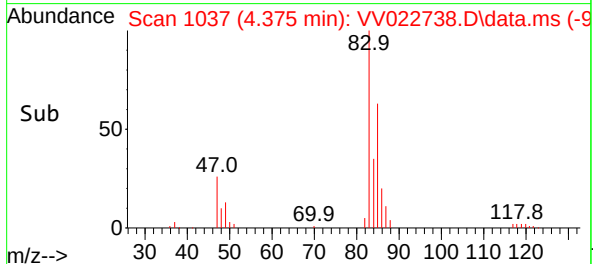
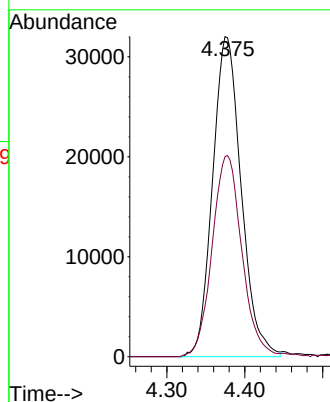
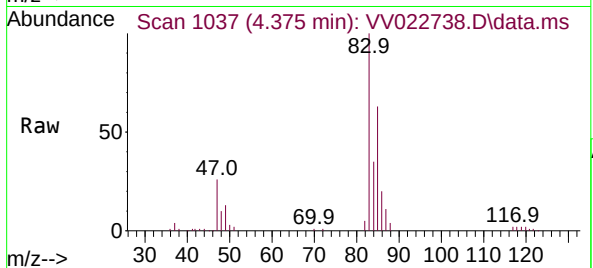
Acq: 11 Oct 2021 18:40

Tgt Ion: 83 Resp: 81616

Ion Ratio Lower Upper

83 100

85 62.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 4.962 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV022738.D

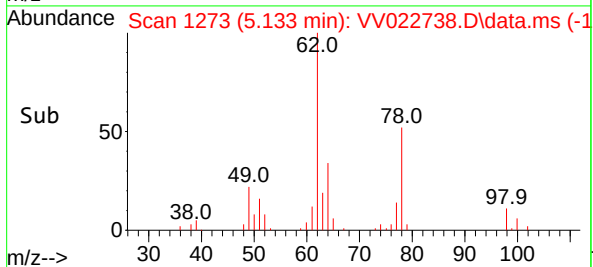
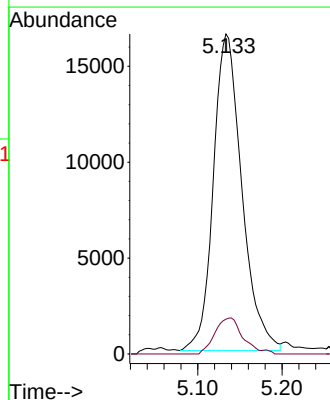
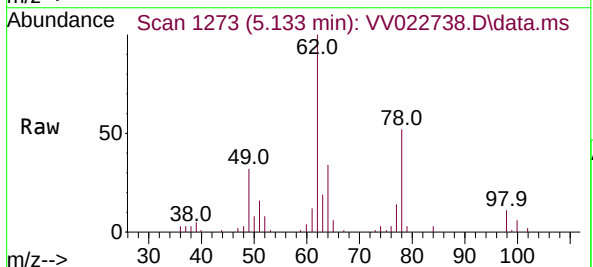
Acq: 11 Oct 2021 18:40

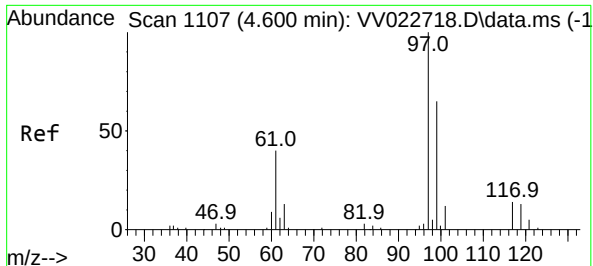
Tgt Ion: 62 Resp: 38750

Ion Ratio Lower Upper

62 100

98 10.9 9.7 14.5



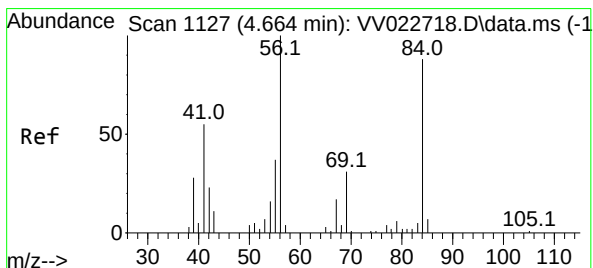
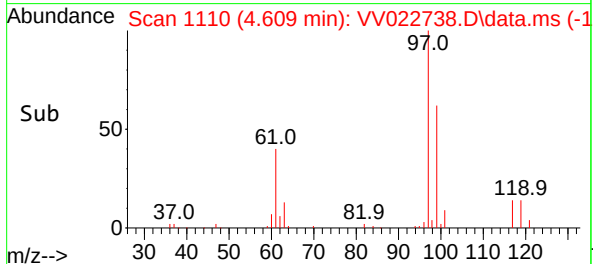
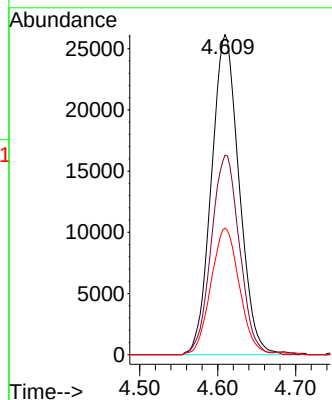
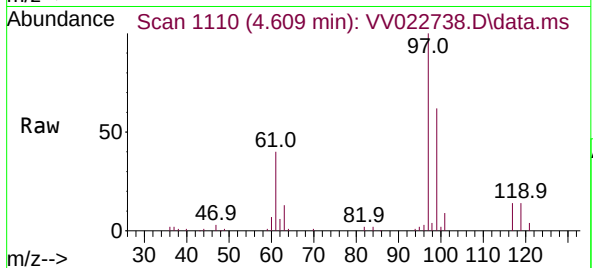


#29

1,1,1-Trichloroethane
Concen: 4.810 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.010 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Instrument :
MSVOA_V
ClientSampled :

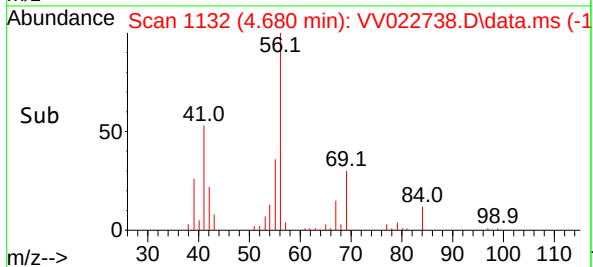
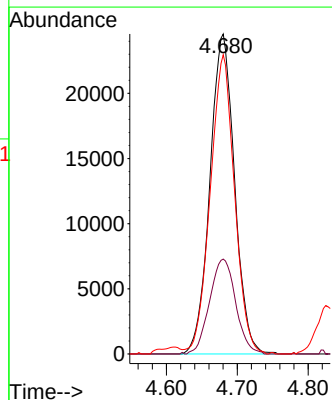
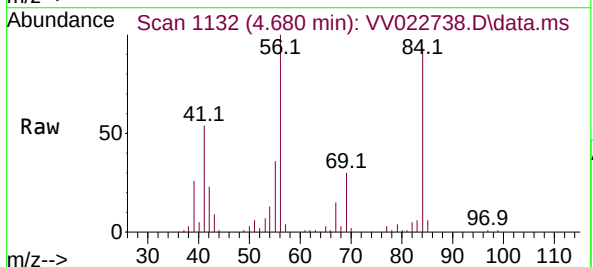
Tgt Ion: 97 Resp: 64622
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 40.6 33.2 49.8

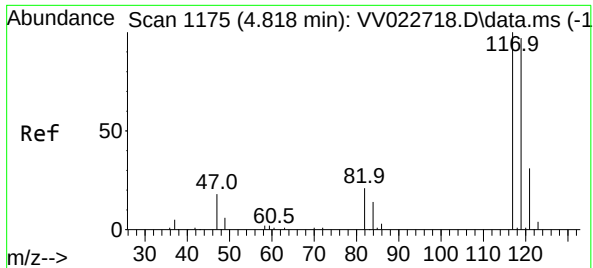


#30

Cyclohexane
Concen: 4.781 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.016 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 56 Resp: 59277
Ion Ratio Lower Upper
56 100
69 31.4 24.9 37.3
84 92.3 72.5 108.7

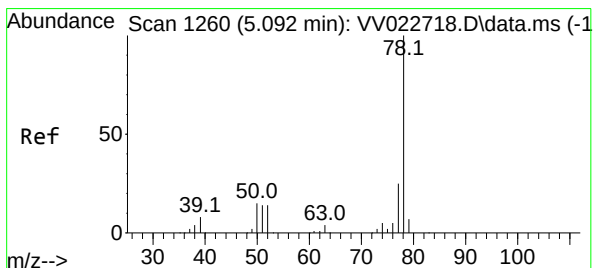
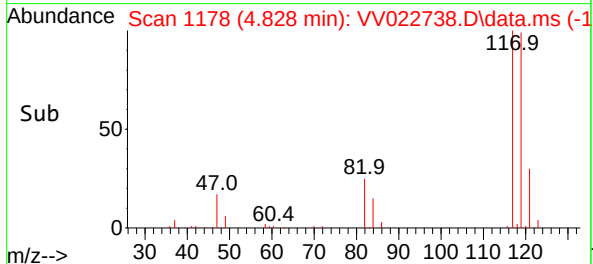
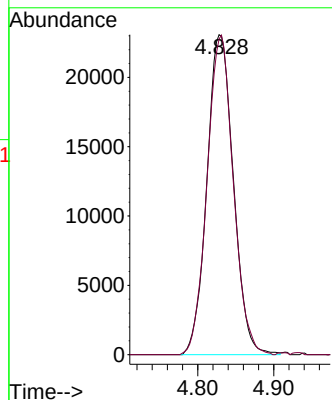
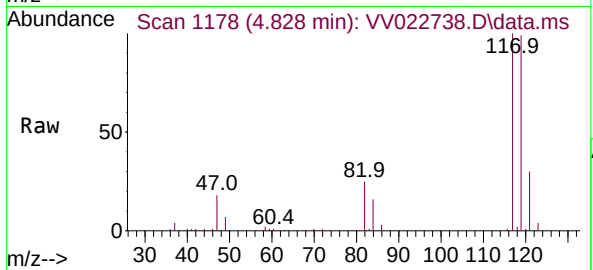




#31
Carbon tetrachloride
Concen: 4.795 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

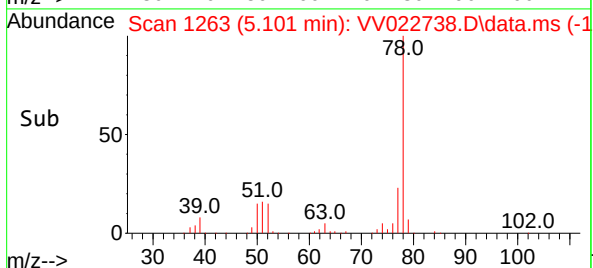
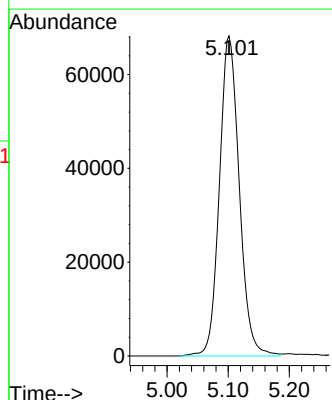
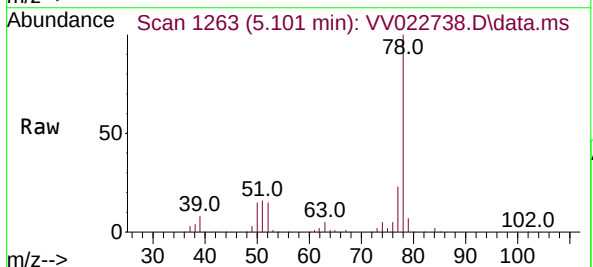
Instrument :
MSVOA_V
ClientSampled :

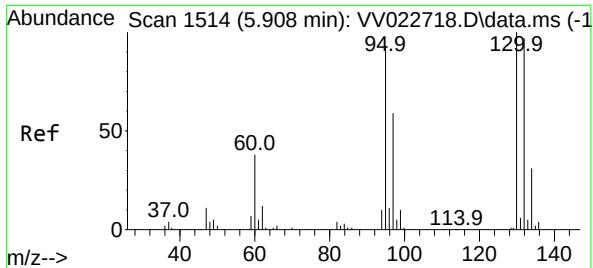
Tgt Ion:117 Resp: 55917
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.0



#33
Benzene
Concen: 4.862 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 78 Resp: 154047

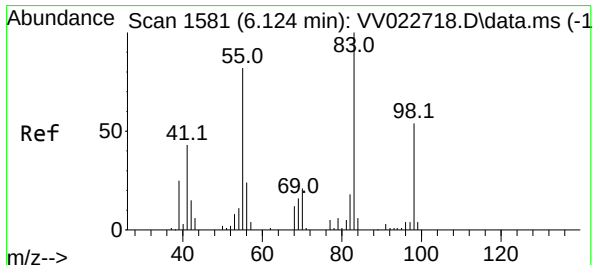
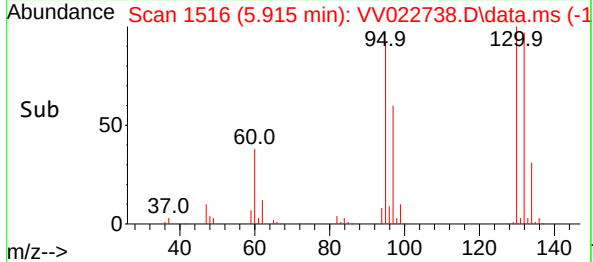
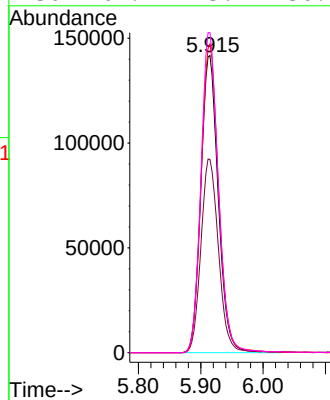
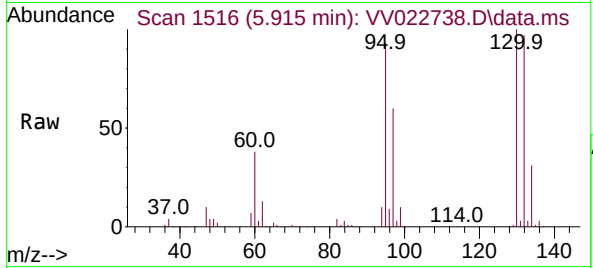




#34
Trichloroethene
Concen: 31.963 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

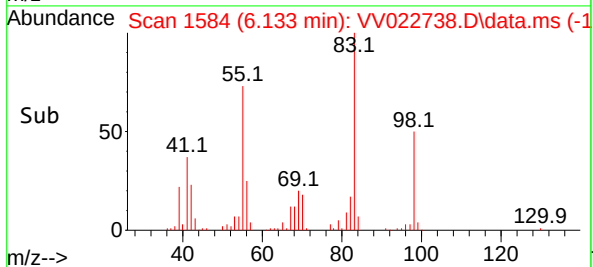
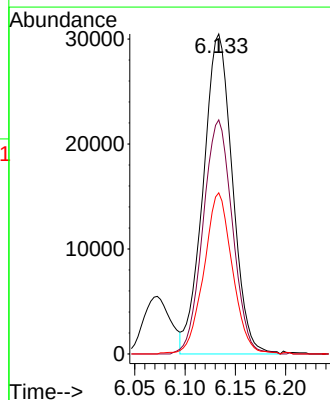
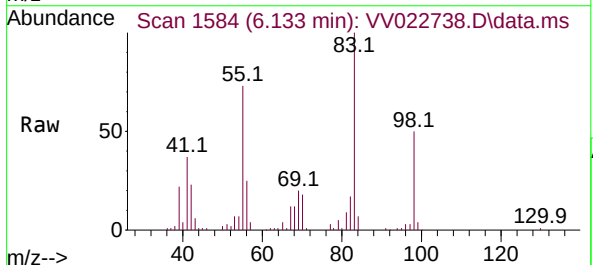
Instrument :
MSVOA_V
ClientSampled :

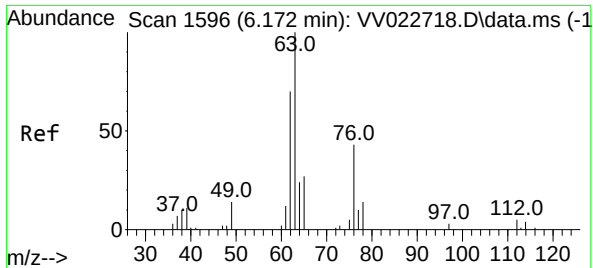
Tgt Ion: 95 Resp: 275422
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 104.0 72.2 134.0
130 107.7 73.4 136.4



#35
Methylcyclohexane
Concen: 5.102 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.010 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 83 Resp: 61600
Ion Ratio Lower Upper
83 100
55 73.8 63.8 95.6
98 49.1 42.1 63.1

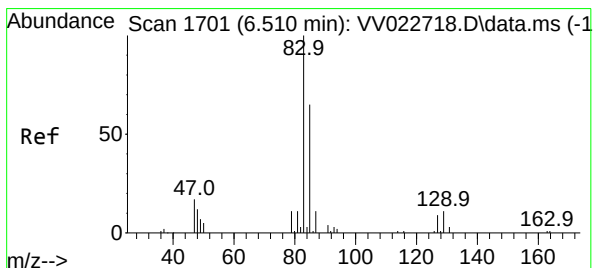
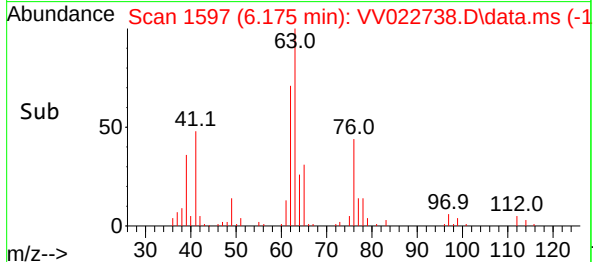
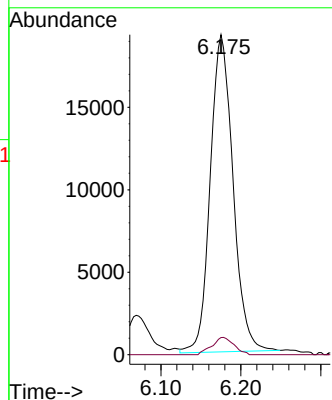
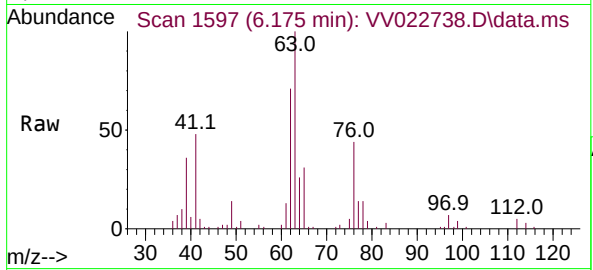




#37
1,2-Dichloropropane
Concen: 4.984 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

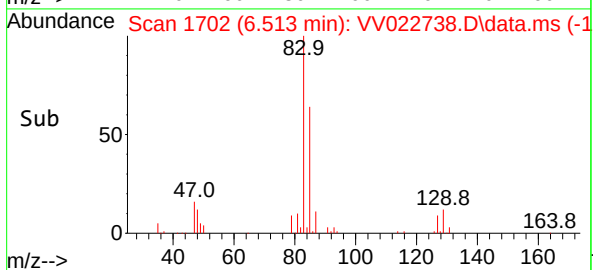
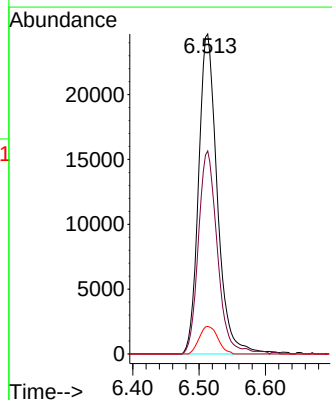
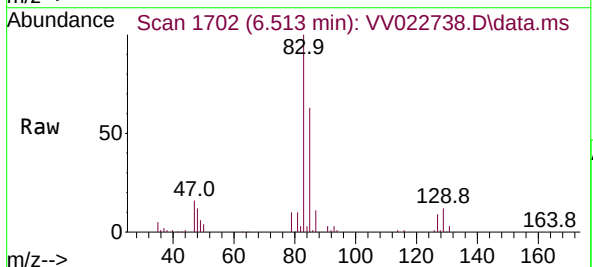
Instrument :
MSVOA_V
ClientSampled :

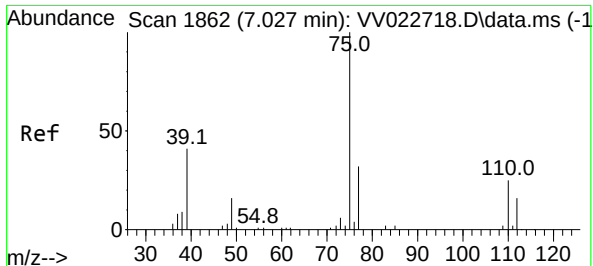
Tgt Ion: 63 Resp: 37985
Ion Ratio Lower Upper
63 100
112 5.3 4.4 6.6



#38
Bromodichloromethane
Concen: 5.154 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 83 Resp: 48402
Ion Ratio Lower Upper
83 100
85 63.4 44.3 82.3
127 8.6 7.7 11.5

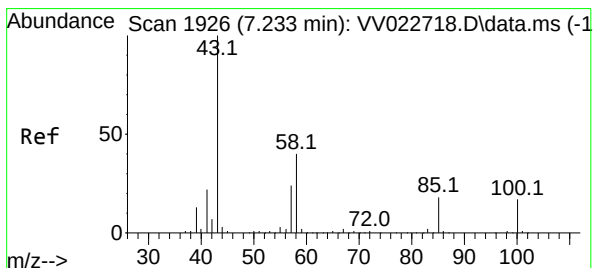
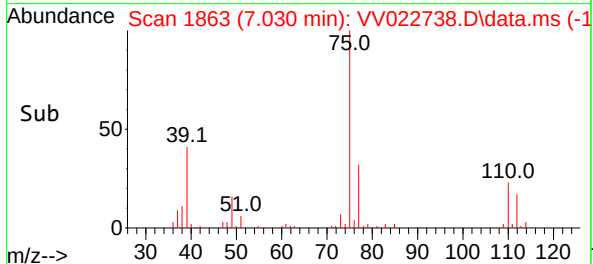
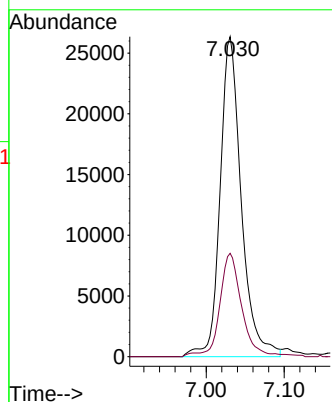
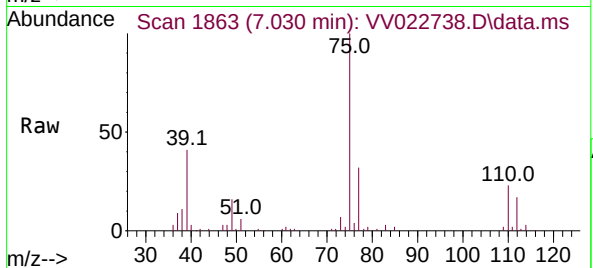




#39
 cis-1,3-Dichloropropene
 Concen: 4.933 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022738.D
 Acq: 11 Oct 2021 18:40

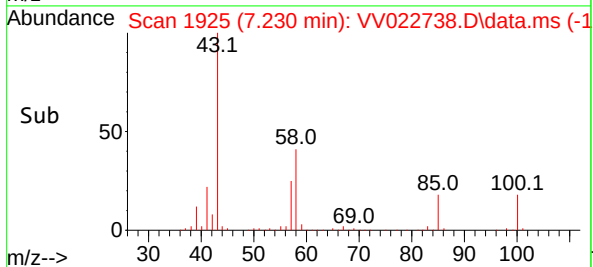
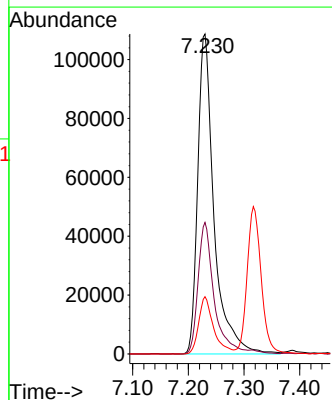
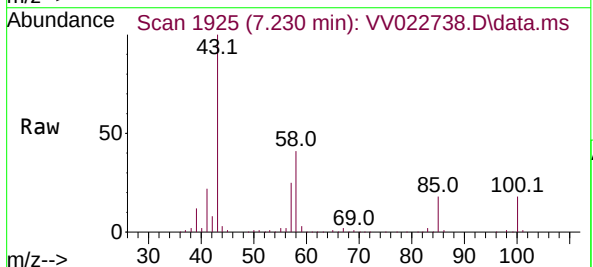
Instrument :
 MSVOA_V
 ClientSampled :

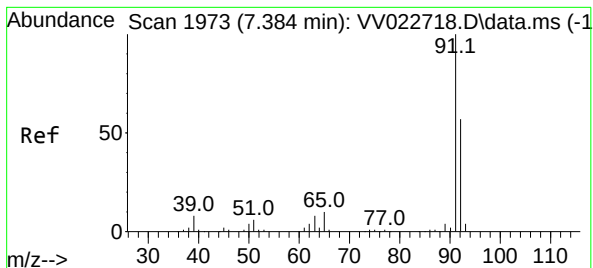
Tgt Ion: 75 Resp: 49763
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 54.041 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.003 min
 Lab File: VV022738.D
 Acq: 11 Oct 2021 18:40

Tgt Ion: 43 Resp: 221295
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.0 48.0
 100 16.4 14.2 21.2





#42

Toluene

Concen: 5.258 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.007 min

Lab File: VV022738.D

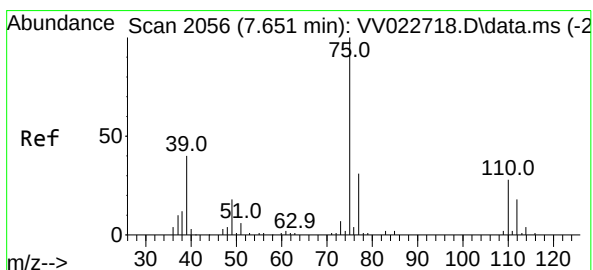
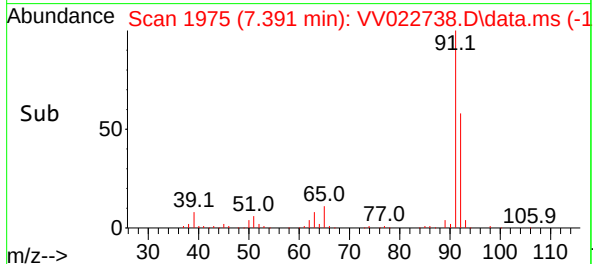
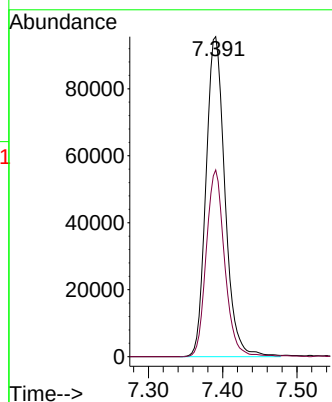
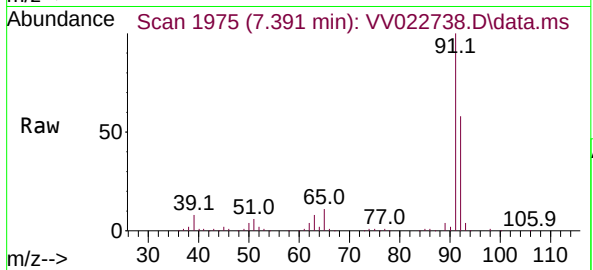
Acq: 11 Oct 2021 18:40

Tgt Ion: 91 Resp: 169134

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.335 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022738.D

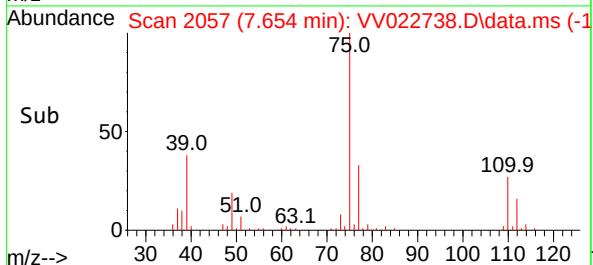
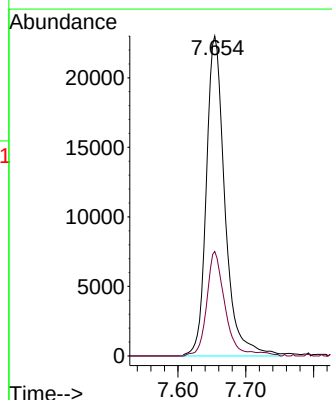
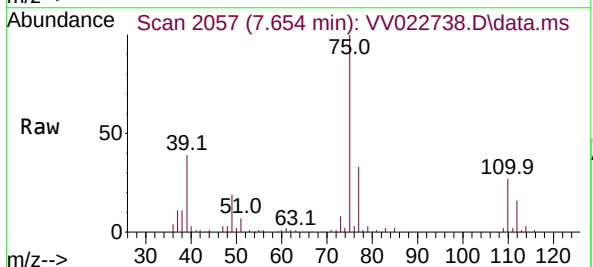
Acq: 11 Oct 2021 18:40

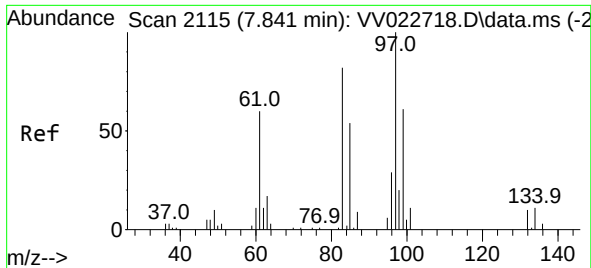
Tgt Ion: 75 Resp: 43880

Ion Ratio Lower Upper

75 100

77 32.7 23.9 44.5



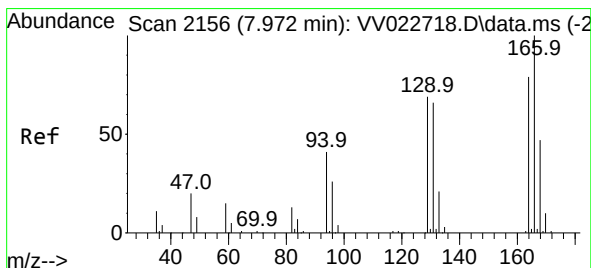
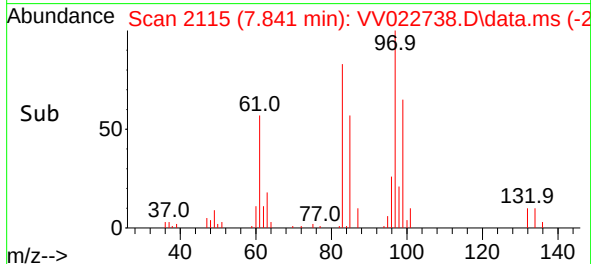
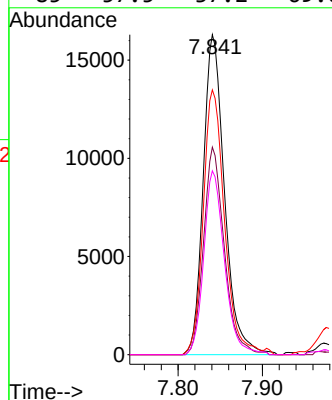
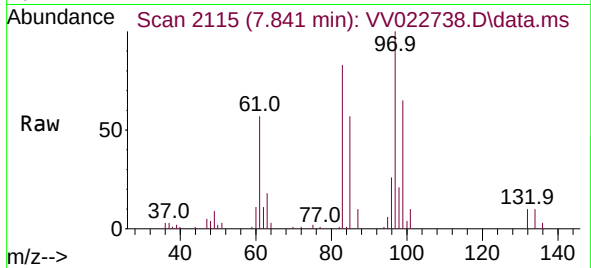


#45
1,1,2-Trichloroethane
Concen: 5.075 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 28702

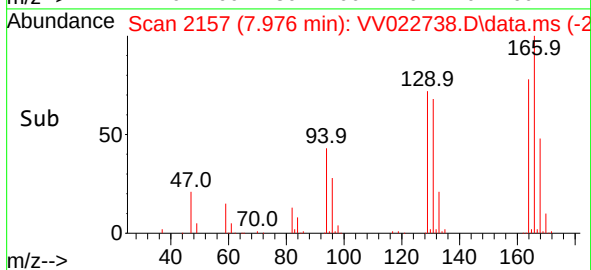
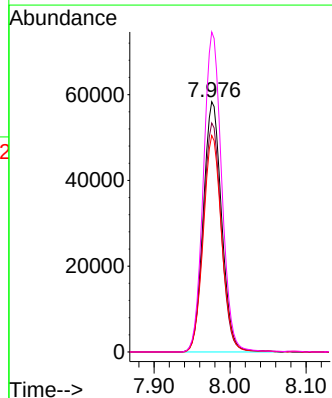
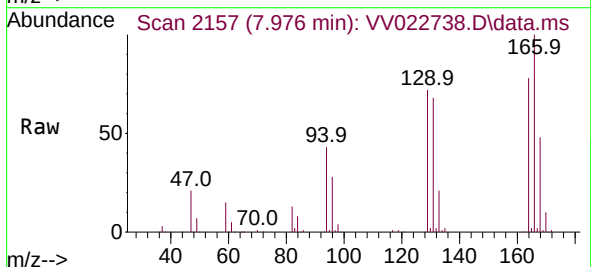
Ion	Ratio	Lower	Upper
97	100		
99	64.8	44.5	82.7
83	82.8	56.6	105.0
85	57.5	37.2	69.0

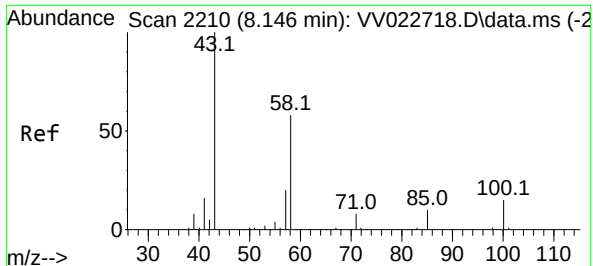


#47
Tetrachloroethene
Concen: 14.045 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 164 Resp: 97880

Ion	Ratio	Lower	Upper
164	100		
129	91.5	65.0	120.6
131	86.5	62.2	115.4
166	127.9	89.2	165.8



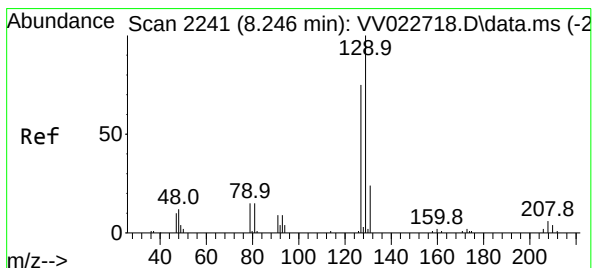
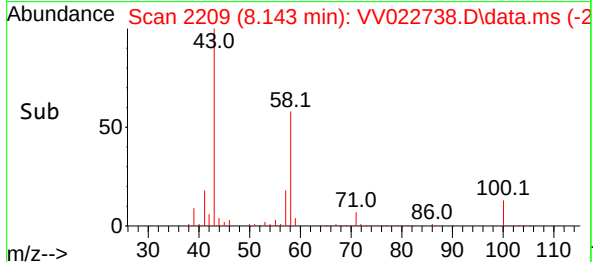
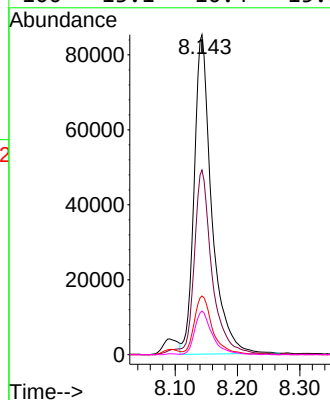
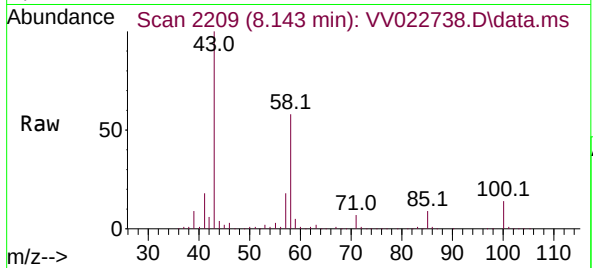


#48
2-Hexanone
Concen: 55.652 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 166626

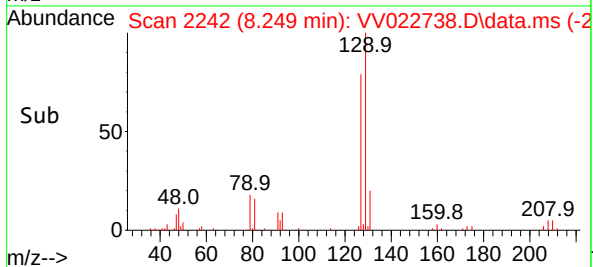
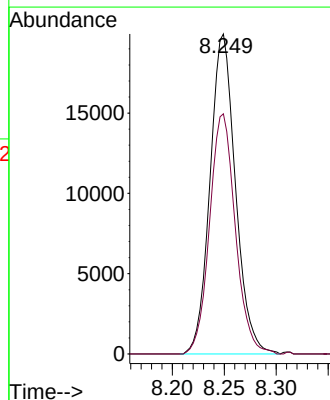
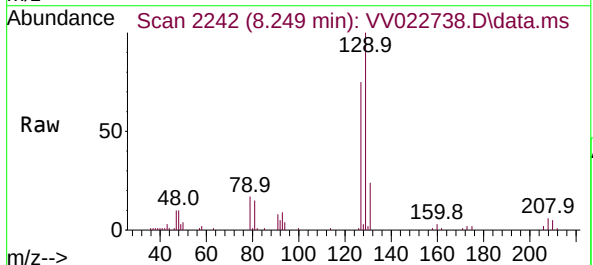
Ion	Ratio	Lower	Upper
43	100		
58	59.5	47.4	71.0
57	18.7	15.3	22.9
100	13.1	10.4	15.6

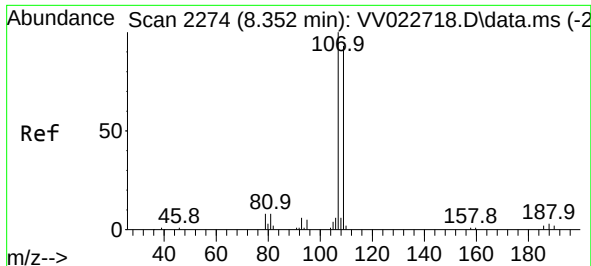


#49
Dibromochloromethane
Concen: 5.128 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 129 Resp: 33945

Ion	Ratio	Lower	Upper
129	100		
127	75.1	59.1	109.9





#50

1,2-Dibromoethane

Concen: 5.113 ug/L

RT: 8.355 min Scan# 2275

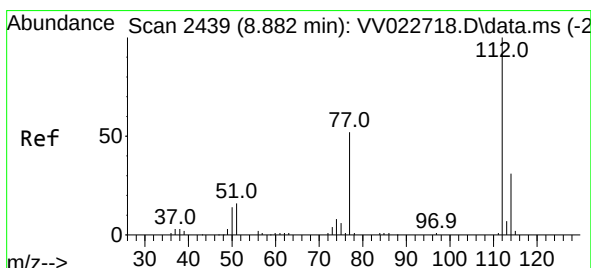
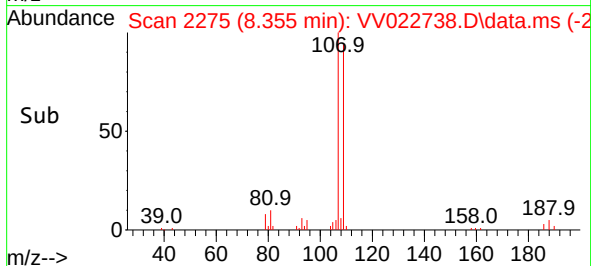
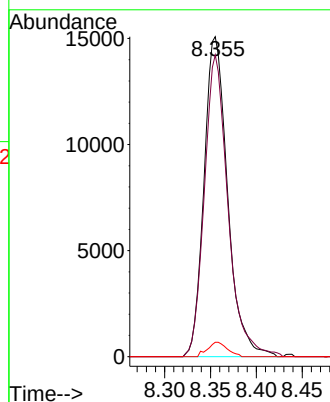
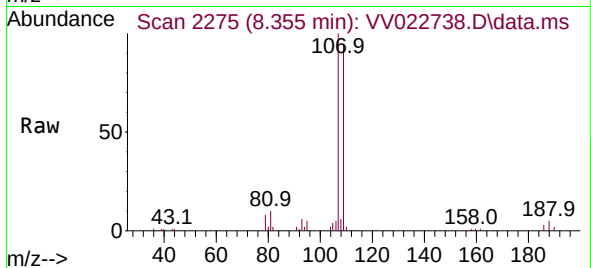
Delta R.T. 0.003 min

Lab File: VV022738.D

Acq: 11 Oct 2021 18:40

Tgt Ion:	107	Resp:	26999
Ion	Ratio	Lower	Upper
107	100		
109	94.3	67.1	124.5
188	4.5	3.4	5.0

Instrument :
MSVOA_V
ClientSampled :



#51

Chlorobenzene

Concen: 5.246 ug/L

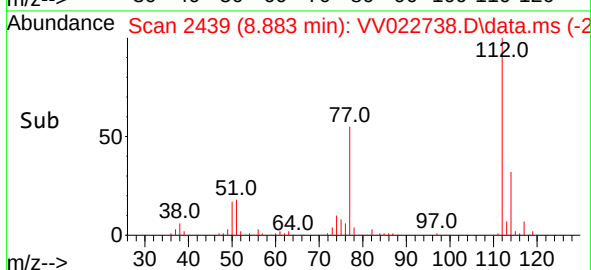
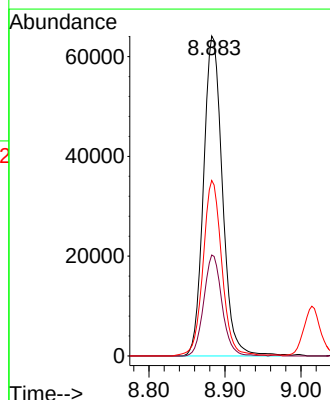
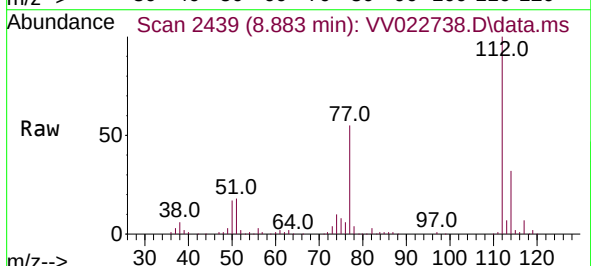
RT: 8.883 min Scan# 2439

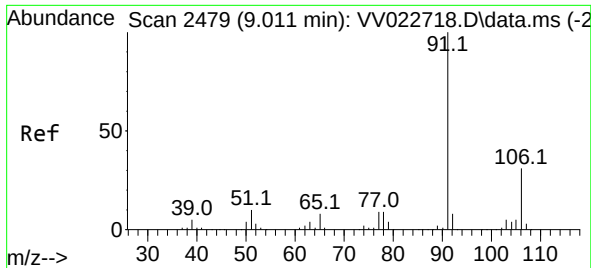
Delta R.T. 0.000 min

Lab File: VV022738.D

Acq: 11 Oct 2021 18:40

Tgt Ion:	112	Resp:	110881
Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.6	40.2
77	54.9	43.7	65.5

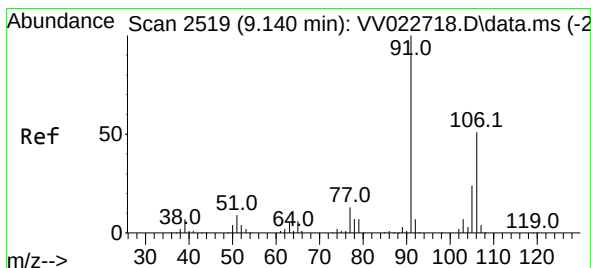
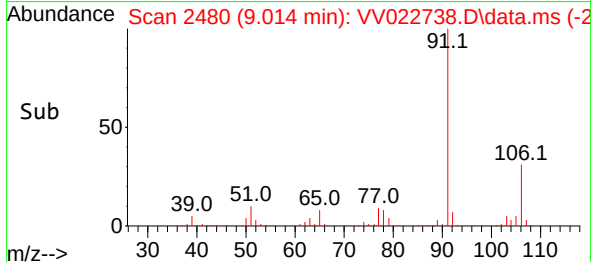
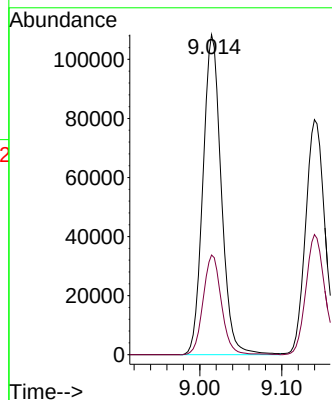
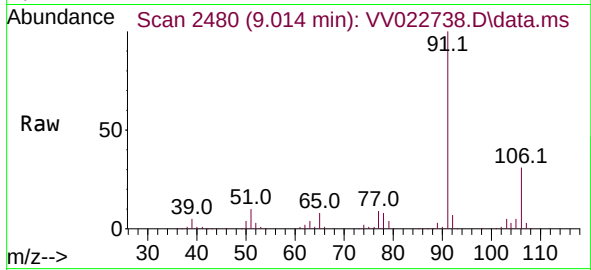




#52
Ethylbenzene
Concen: 5.165 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

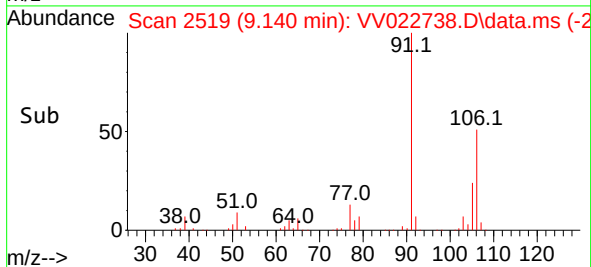
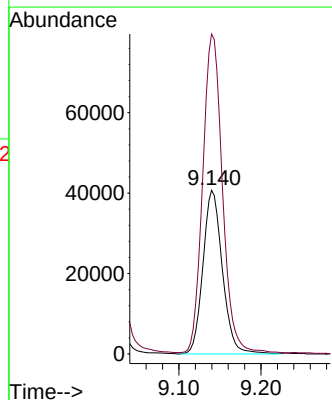
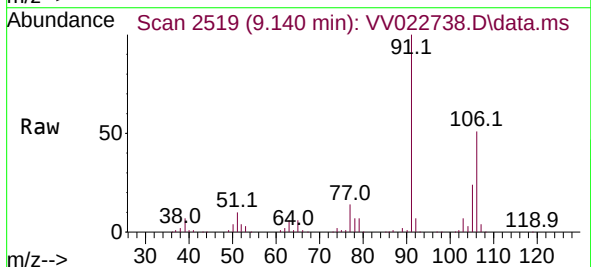
Instrument :
MSVOA_V
ClientSampled :

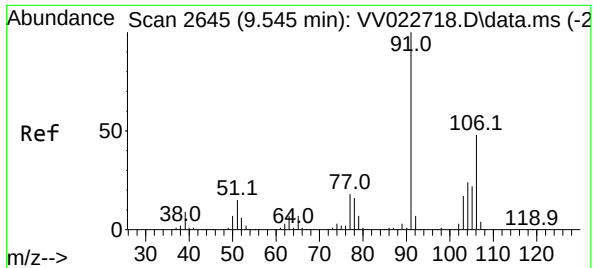
Tgt Ion: 91 Resp: 168674
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-xylene
Concen: 5.233 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 106 Resp: 67072
Ion Ratio Lower Upper
106 100
91 195.5 138.7 257.5

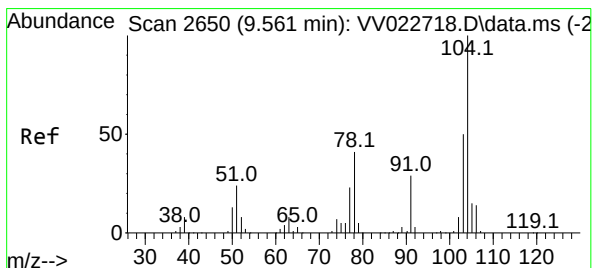
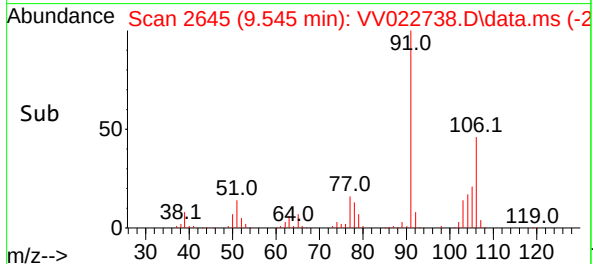
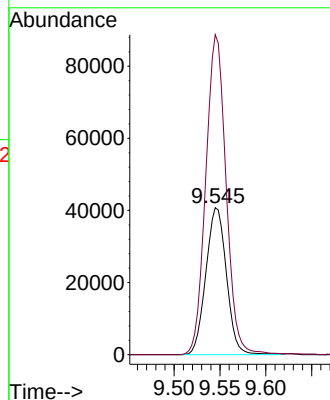
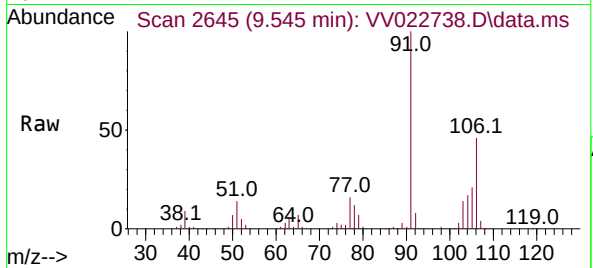




#54
o-xylene
Concen: 5.281 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

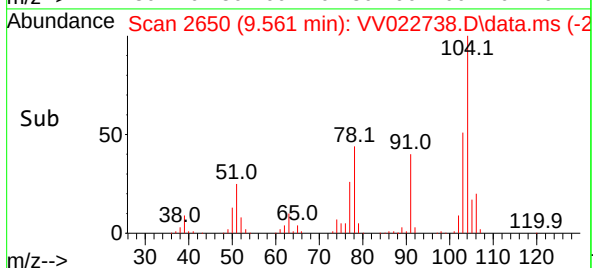
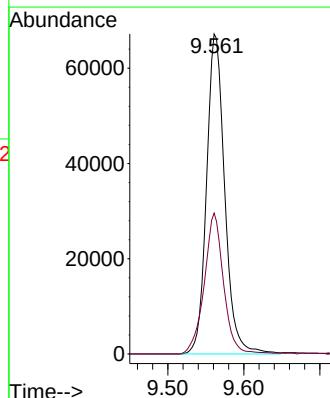
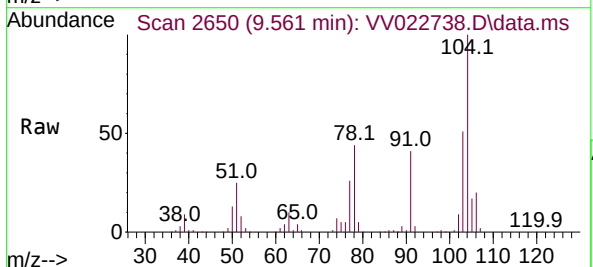
Instrument :
MSVOA_V
ClientSampleId :

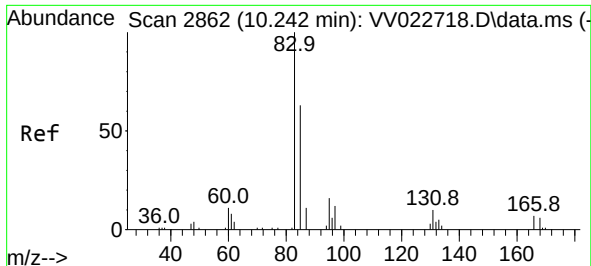
Tgt Ion:106 Resp: 63682
Ion Ratio Lower Upper
106 100
91 217.6 151.1 280.7



#55
Styrene
Concen: 5.364 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion:104 Resp: 111457
Ion Ratio Lower Upper
104 100
78 44.0 29.5 54.7

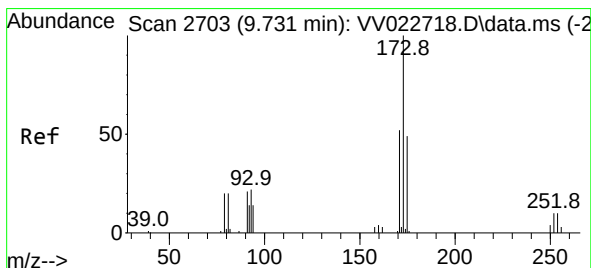
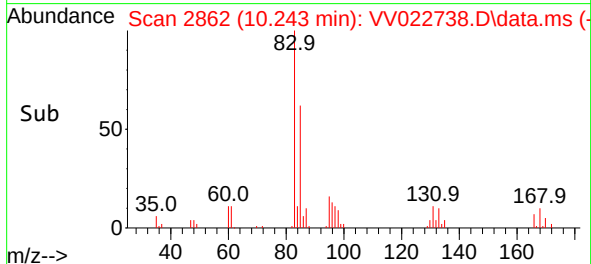
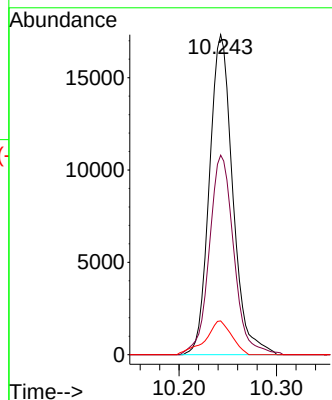
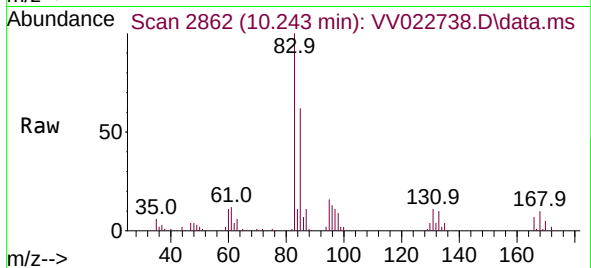




#57
1,1,2,2-Tetrachloroethane
Concen: 5.048 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

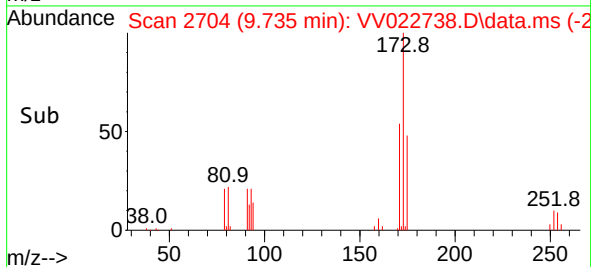
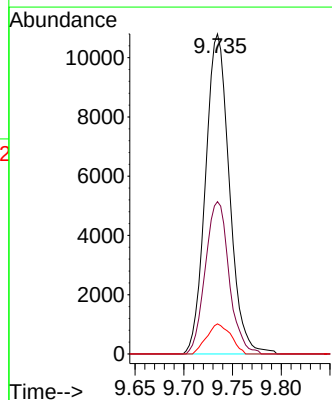
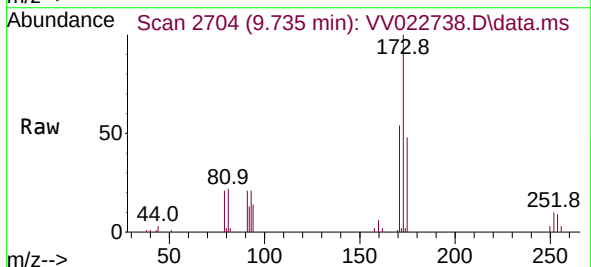
Instrument :
MSVOA_V
ClientSampled :

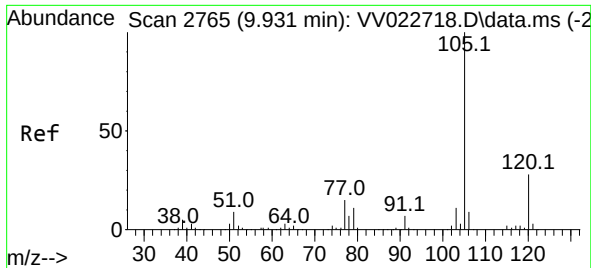
Tgt Ion: 83 Resp: 28883
Ion Ratio Lower Upper
83 100
85 62.4 46.0 85.4
131 10.5 8.4 12.6



#59
Bromoform
Concen: 5.195 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 173 Resp: 18419
Ion Ratio Lower Upper
173 100
175 47.4 38.3 57.5
254 9.5 7.1 10.7

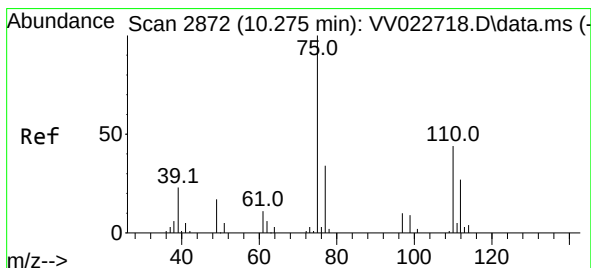
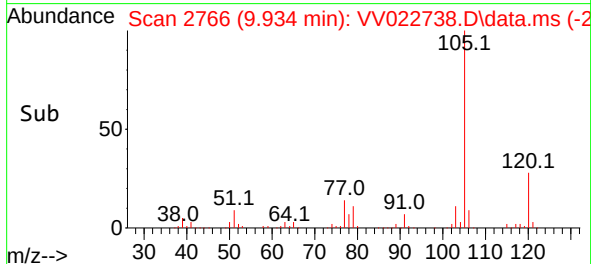
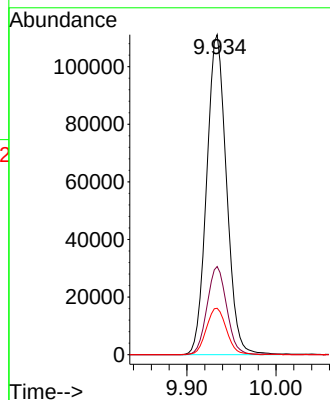
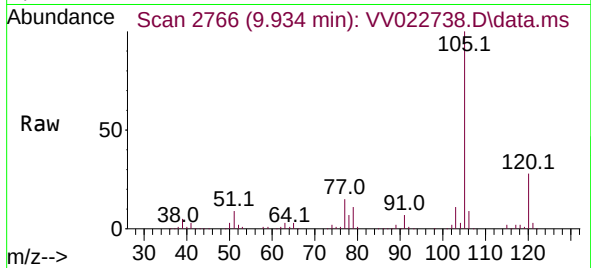




#60
Isopropylbenzene
Concen: 5.336 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

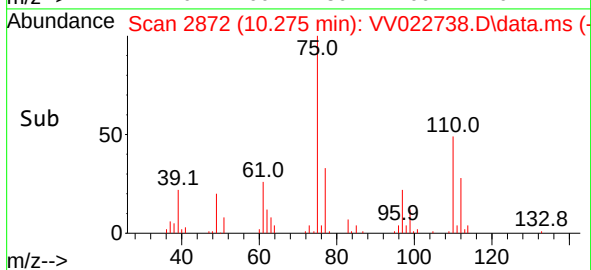
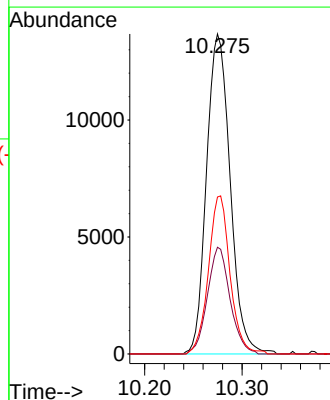
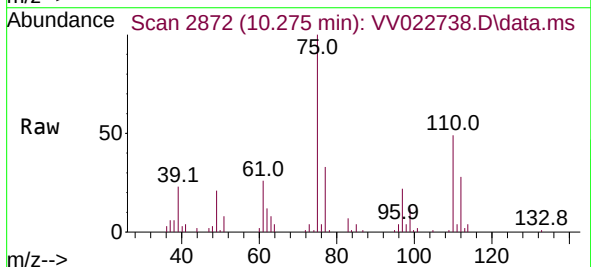
Instrument :
MSVOA_V
ClientSampleId :

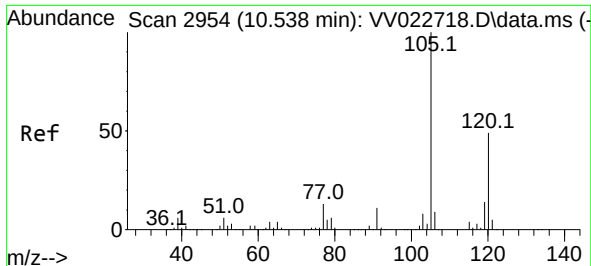
Tgt Ion:105 Resp: 171554
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.8
77 14.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.245 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 75 Resp: 23065
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
110 45.2 34.2 51.4

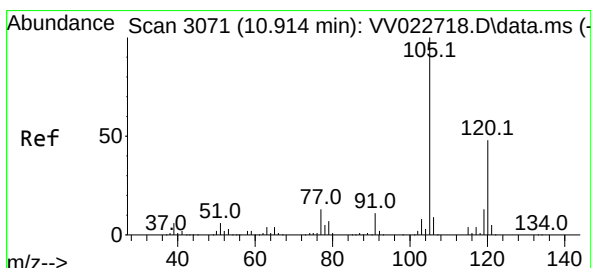
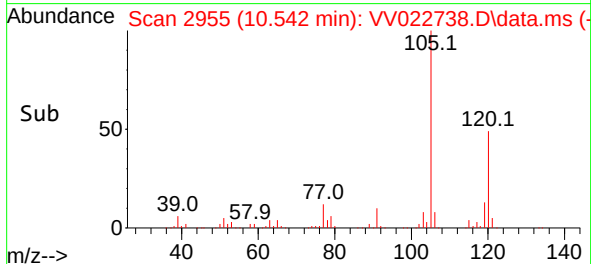
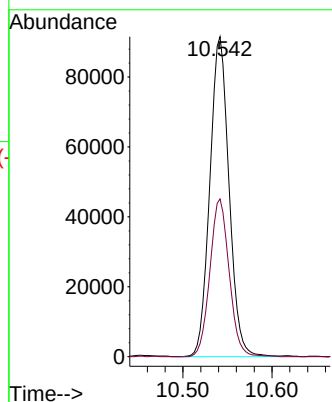
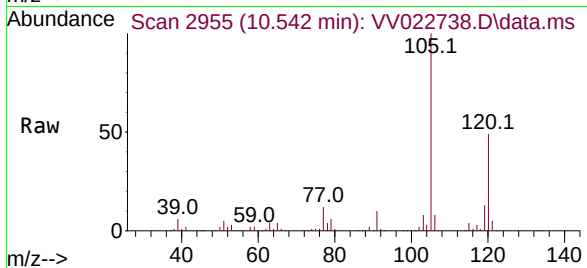




#62
1,3,5-Trimethylbenzene
Concen: 5.270 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

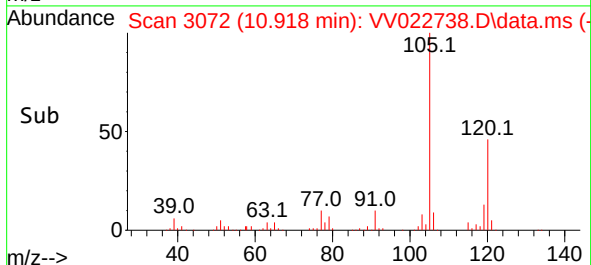
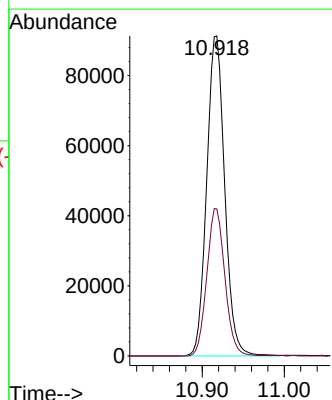
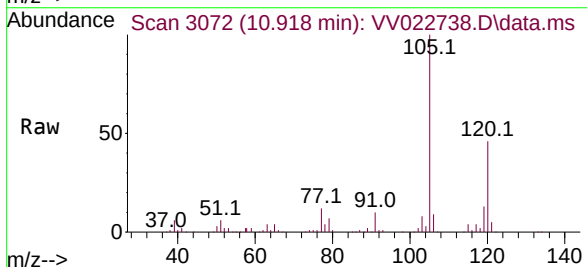
Instrument :
MSVOA_V
ClientSampled :

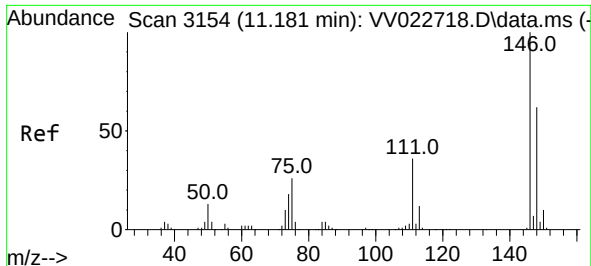
Tgt Ion:105 Resp: 136897
Ion Ratio Lower Upper
105 100
120 49.5 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.355 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion:105 Resp: 139193
Ion Ratio Lower Upper
105 100
120 46.3 37.3 55.9

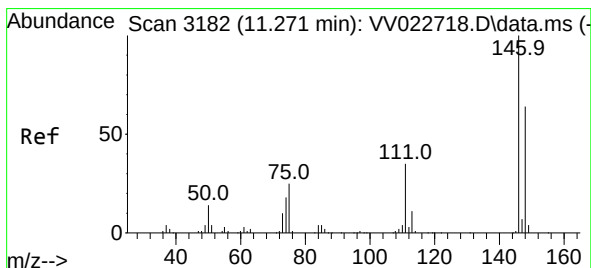
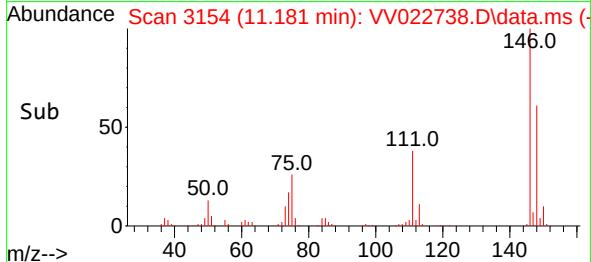
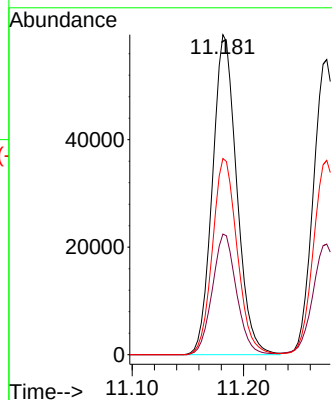
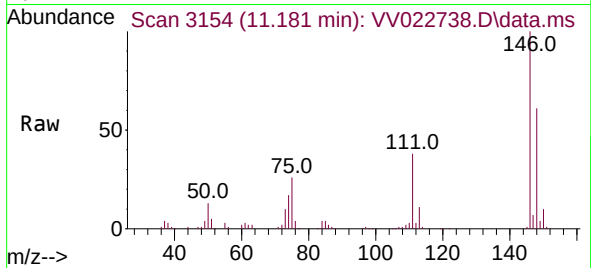




#64
1,3-Dichlorobenzene
Concen: 5.346 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

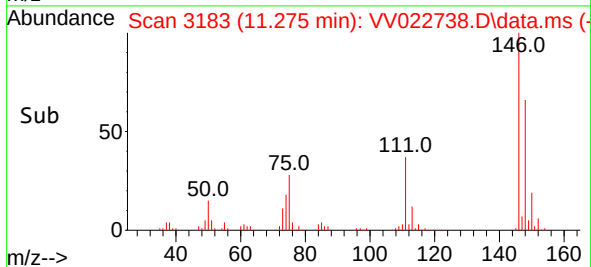
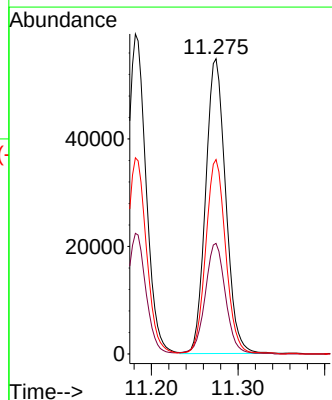
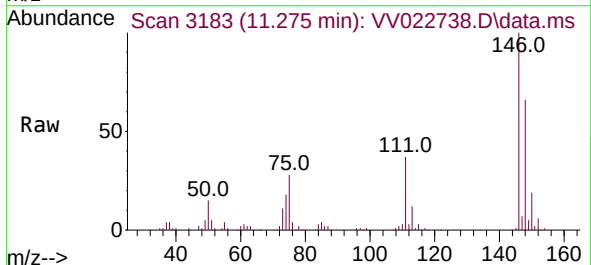
Instrument :
MSVOA_V
ClientSampled :

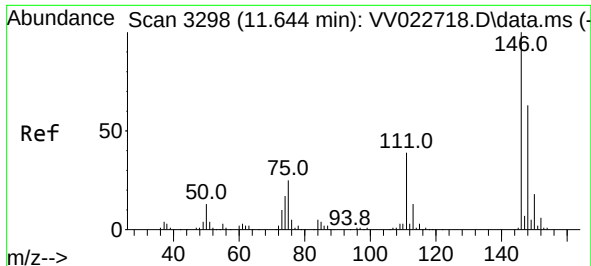
Tgt Ion:146 Resp: 90201
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.5
148 61.3 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.155 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion:146 Resp: 88326
Ion Ratio Lower Upper
146 100
111 37.4 25.6 47.4
148 65.8 44.9 83.5

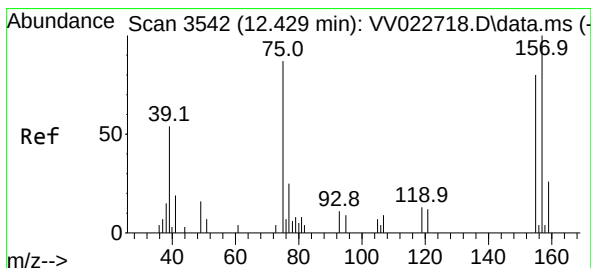
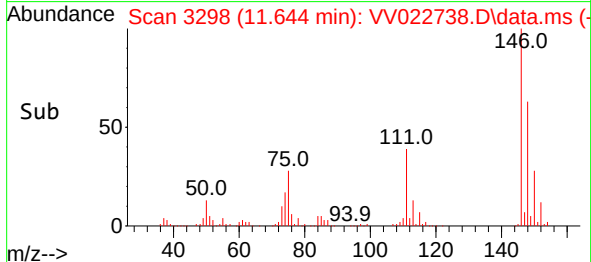
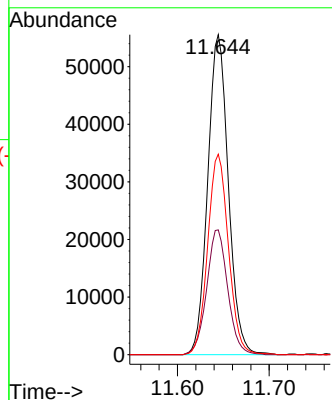
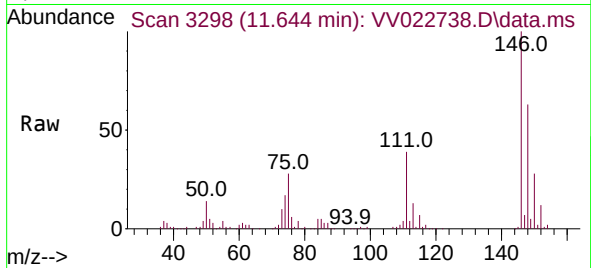




#67
1,2-Dichlorobenzene
Concen: 5.485 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

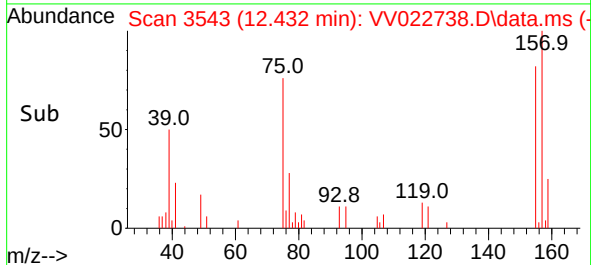
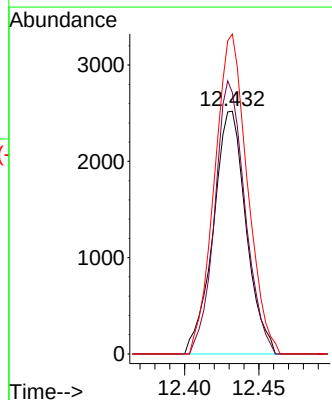
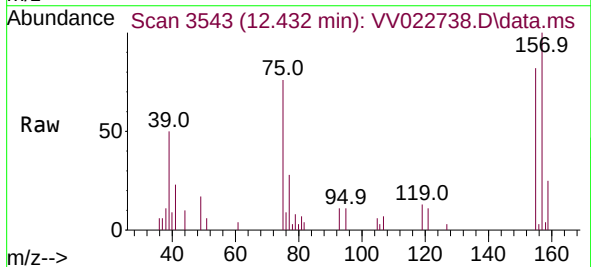
Instrument :
MSVOA_V
ClientSampled :

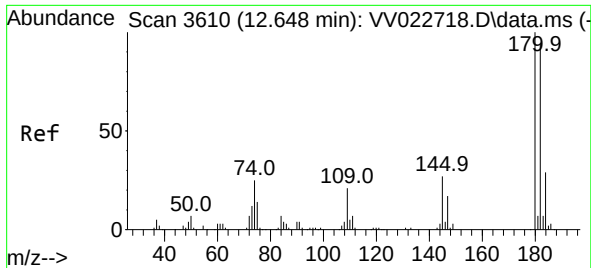
Tgt Ion:146 Resp: 86819
Ion Ratio Lower Upper
146 100
111 39.0 32.3 48.5
148 62.6 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.842 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion: 75 Resp: 3876
Ion Ratio Lower Upper
75 100
155 107.7 82.4 123.6
157 131.9 114.1 171.1

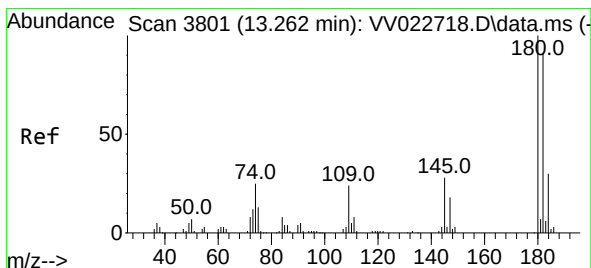
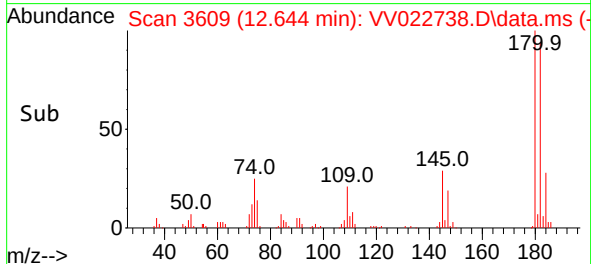
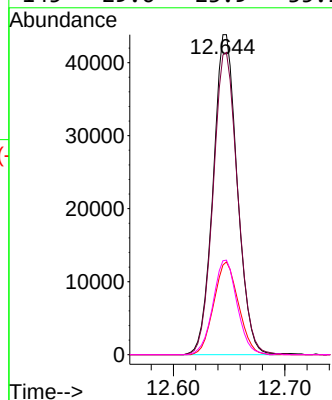
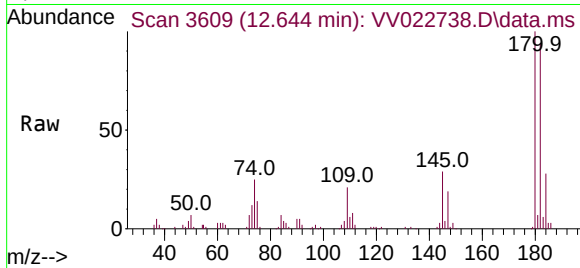




#69
 1,3,5-Trichlorobenzene
 Concen: 5.183 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV022738.D
 Acq: 11 Oct 2021 18:40

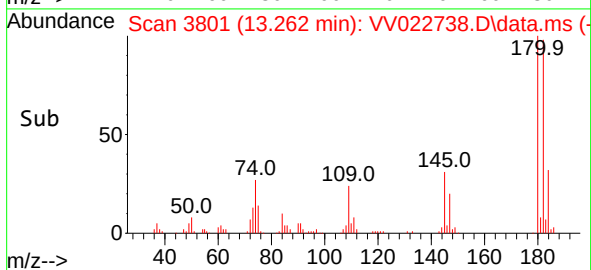
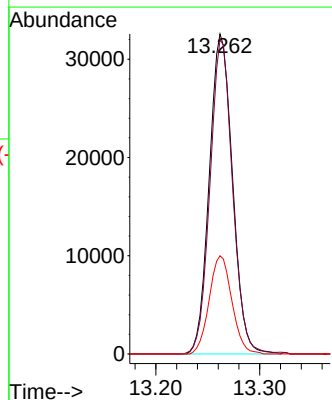
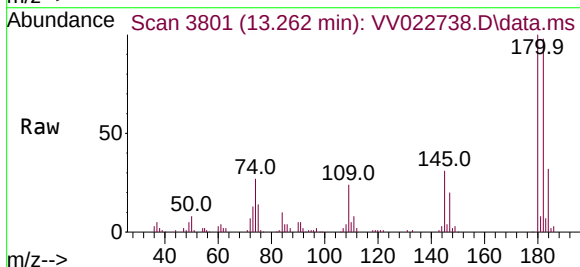
Instrument :
 MSVOA_V
 ClientSampleId :

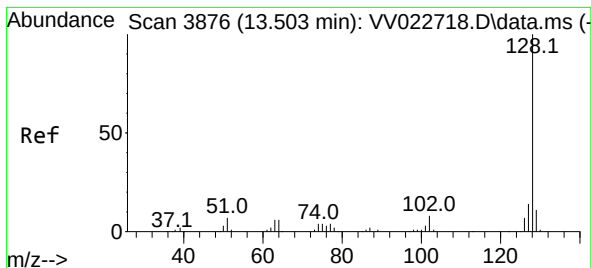
Tgt Ion:	180	Resp:	65880
Ion Ratio	Lower	Upper	
180	100		
182	96.1	77.0	115.6
184	29.6	24.5	36.7
145	29.6	23.9	35.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.197 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV022738.D
 Acq: 11 Oct 2021 18:40

Tgt Ion:	180	Resp:	50463
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.0	114.0
145	30.0	24.1	36.1

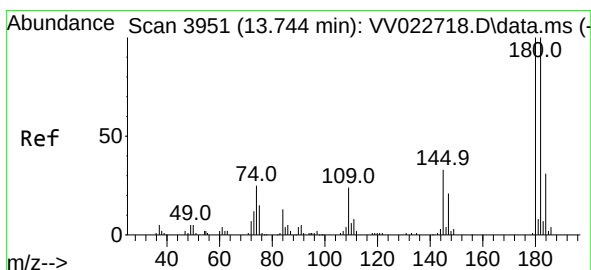
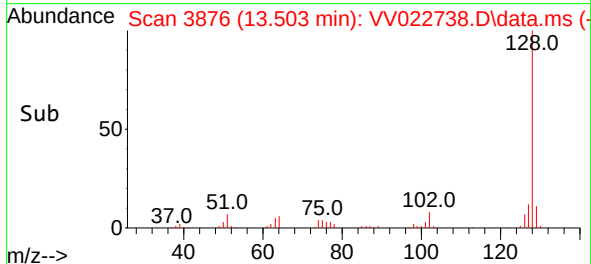
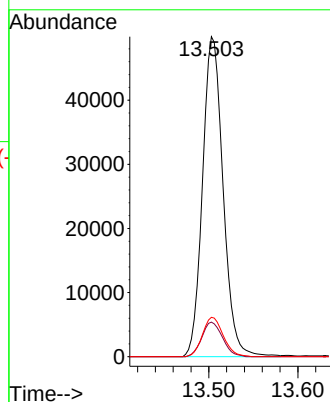
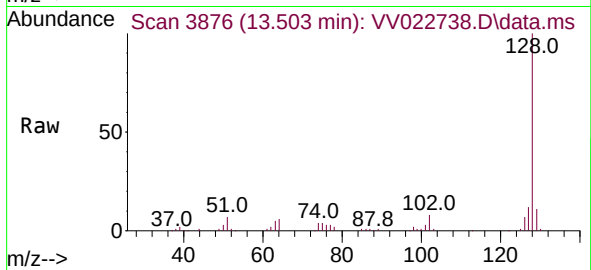




#71
Naphthalene
Concen: 5.185 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 80017
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.5 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.267 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022738.D
Acq: 11 Oct 2021 18:40

Tgt Ion:180 Resp: 48225
Ion Ratio Lower Upper
180 100
182 96.7 75.5 113.3
145 30.8 24.7 37.1

