

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022578.D
 Acq On : 05 Oct 2021 16:15
 Operator : SY/MD
 Sample : M3814-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:28:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54693	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15048	4.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.561	69	22641	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.108	63	47245	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	3.876	46	86318	43.993	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.980%
24) Chloroform-d	4.349	84	58959	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.034	65	28350	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.053	84	104444	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.072	67	35261	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.317	98	92474	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.622	79	9745	4.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.088	63	66067	49.322	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28945	4.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	40457	4.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41349	5.241	ug/L	98
3) Chloromethane	1.240	50	40847	5.170	ug/L	99
5) Vinyl chloride	1.307	62	42962	5.388	ug/L	99
6) Bromomethane	1.516	94	25880	4.890	ug/L	100
8) Chloroethane	1.581	64	26818	5.289	ug/L	98
9) Trichlorofluoromethane	1.751	101	65815	5.517	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	39553	5.767	ug/L	96
12) 1,1-Dichloroethene	2.114	96	34334	5.410	ug/L	94
13) Acetone	2.163	43	52860	50.097	ug/L #	28
14) Carbon disulfide	2.291	76	101471	5.466	ug/L	99
15) Methyl Acetate	2.430	43	13174	4.240	ug/L #	83
16) Methylene chloride	2.503	84	36957	5.054	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	73596	4.563	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	36183	5.232	ug/L	97
19) 1,1-Dichloroethane	3.188	63	61528	4.958	ug/L	98
21) 2-Butanone	3.960	43	71410	42.276	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	37920	5.053	ug/L	96
23) Bromochloromethane	4.249	128	17341	4.909	ug/L	88
25) Chloroform	4.378	83	65822	4.858	ug/L	100

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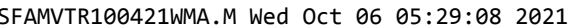
Instrument :
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 ClientSampleId :

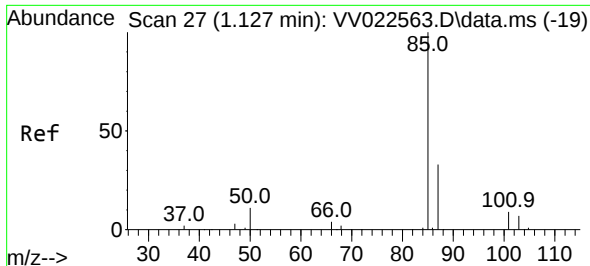
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	35834	4.969	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	57965	4.934	ug/L	98
30) Cyclohexane	4.680	56	50111	4.708	ug/L	99
31) Carbon tetrachloride	4.828	117	52860	5.072	ug/L	98
33) Benzene	5.101	78	137518	4.963	ug/L	100
34) Trichloroethene	5.915	95	36616	4.547	ug/L	97
35) Methylcyclohexane	6.134	83	54652	4.843	ug/L	98
37) 1,2-Dichloropropane	6.172	63	33116	4.895	ug/L	100
38) Bromodichloromethane	6.510	83	41635	4.857	ug/L	93
39) cis-1,3-Dichloropropene	7.031	75	44276	4.856	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	180736	48.537	ug/L	98
42) Toluene	7.388	91	154382	5.304	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	37583	4.938	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	24731	4.897	ug/L	97
47) Tetrachloroethene	7.979	164	32225	5.146	ug/L	94
48) 2-Hexanone	8.140	43	134318	50.140	ug/L	99
49) Dibromochloromethane	8.246	129	29178	4.902	ug/L	97
50) 1,2-Dibromoethane	8.355	107	23263	4.955	ug/L #	96
51) Chlorobenzene	8.883	112	94673	4.969	ug/L	97
52) Ethylbenzene	9.014	91	150270	5.030	ug/L	96
53) m,p-xylene	9.140	106	61562	5.405	ug/L	92
54) o-xylene	9.545	106	57726	5.095	ug/L	98
55) Styrene	9.561	104	100162	5.199	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	26119	4.767	ug/L	96
59) Bromoform	9.731	173	16236	5.060	ug/L	98
60) Isopropylbenzene	9.934	105	156043	5.307	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	19657	4.849	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	124671	5.230	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	129471	5.346	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	79523	5.282	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	79223	5.145	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	73907	5.270	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	3908	5.043	ug/L	96
69) 1,3,5-Trichlorobenzene	12.645	180	58924	5.229	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	47090	5.207	ug/L	99
71) Naphthalene	13.503	128	75425	5.090	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	45202	5.439	ug/L	98

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

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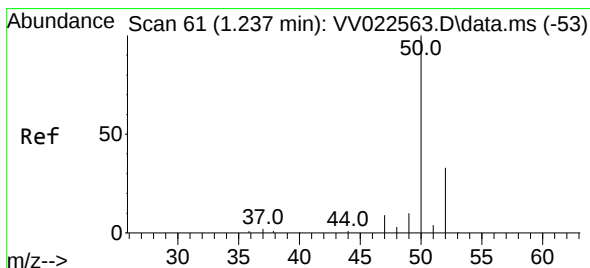
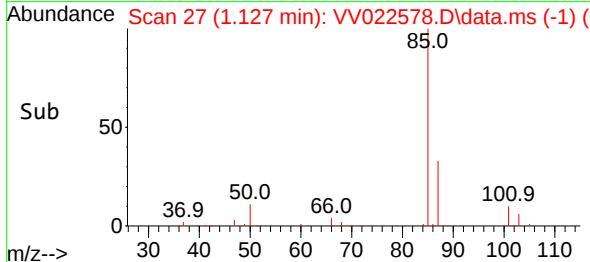
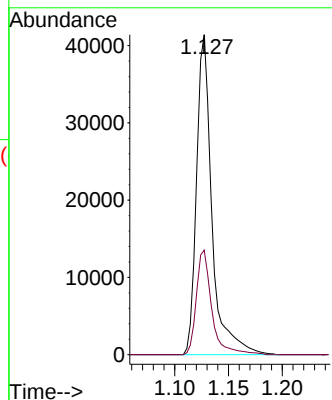
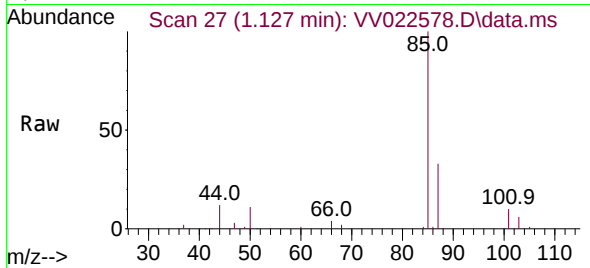




#2
 Dichlorodifluoromethane
 Concen: 5.241 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022578.D
 Acq: 05 Oct 2021 16:15

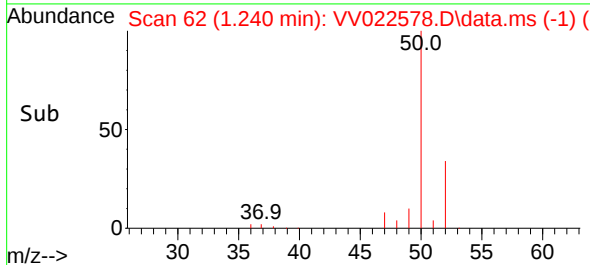
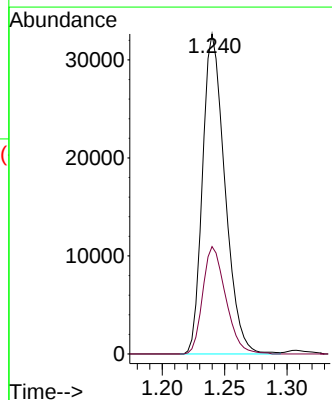
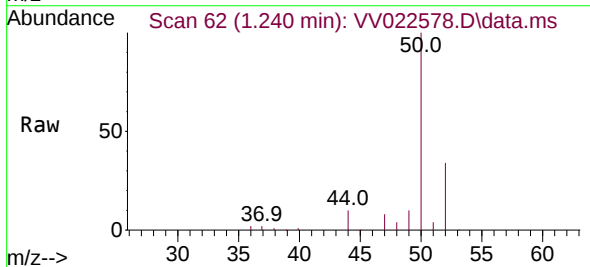
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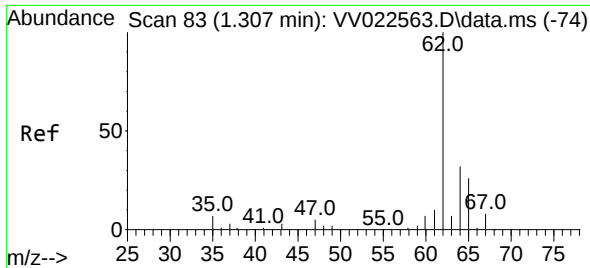
Tgt Ion: 85 Resp: 41349
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.4 38.0



#3
 Chloromethane
 Concen: 5.170 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022578.D
 Acq: 05 Oct 2021 16:15

Tgt Ion: 50 Resp: 40847
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8

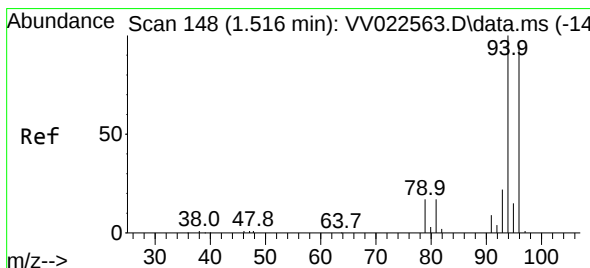
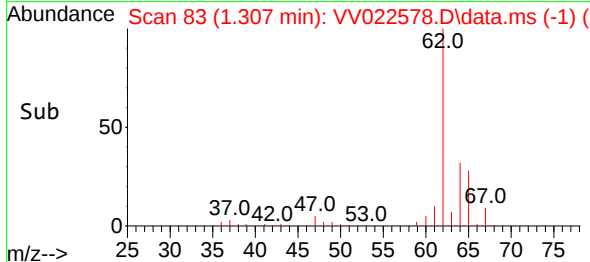
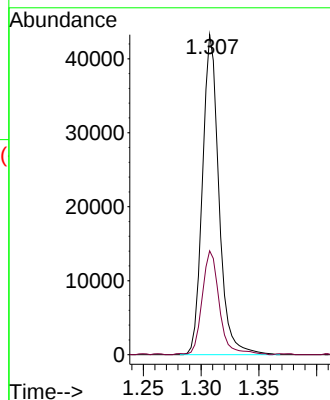
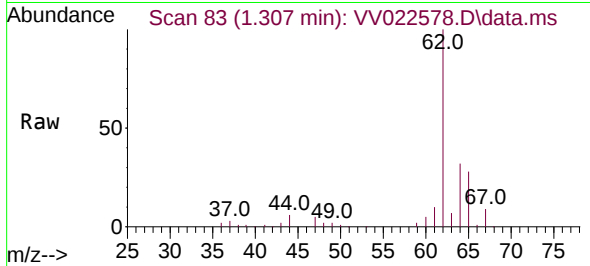




#5
 Vinyl chloride
 Concen: 5.388 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022578.D
 Acq: 05 Oct 2021 16:15

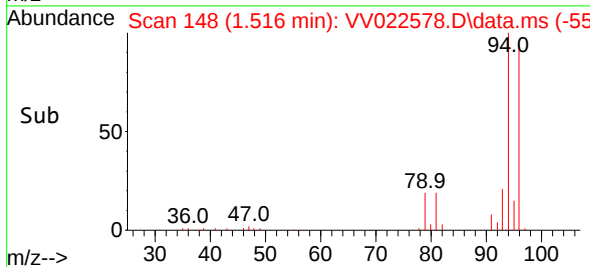
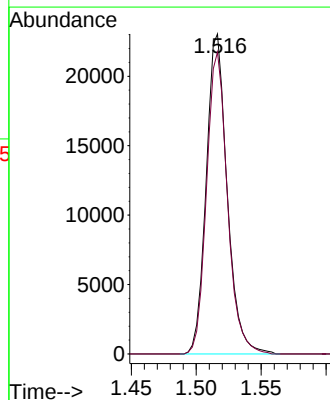
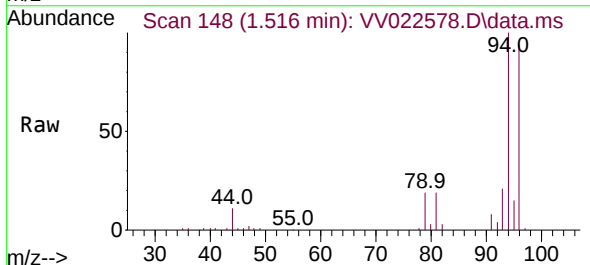
Instrument :
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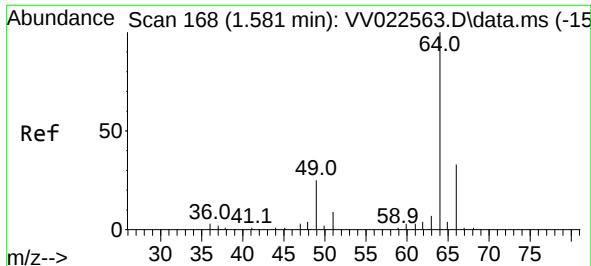
Tgt Ion: 62 Resp: 42962
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.5



#6
 Bromomethane
 Concen: 4.890 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV022578.D
 Acq: 05 Oct 2021 16:15

Tgt Ion: 94 Resp: 25880
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.9 122.3

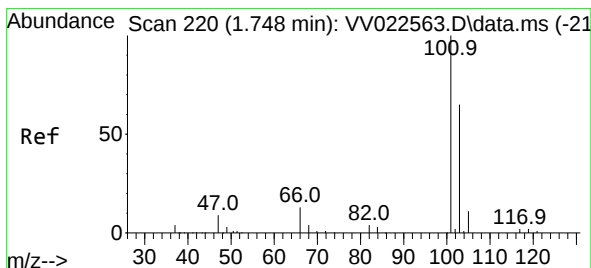
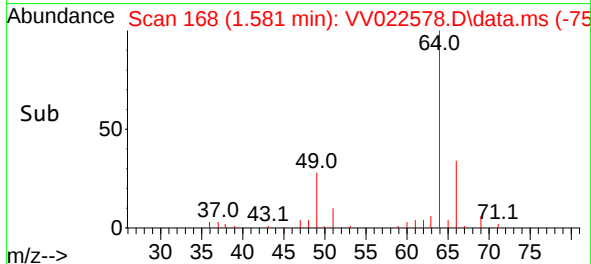
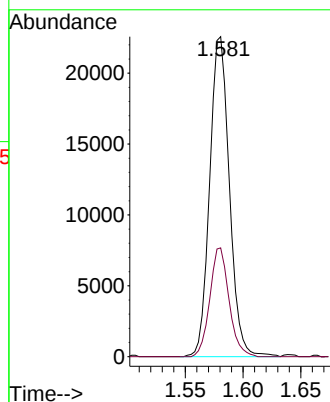
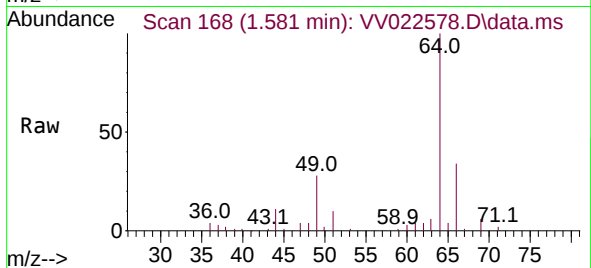




#8
Chloroethane
Concen: 5.289 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

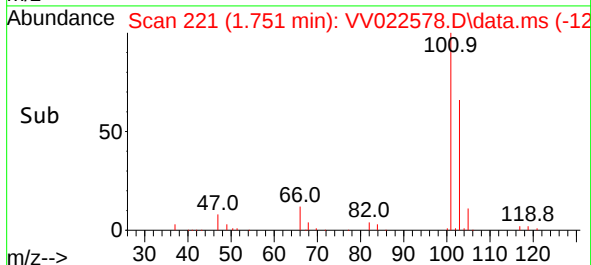
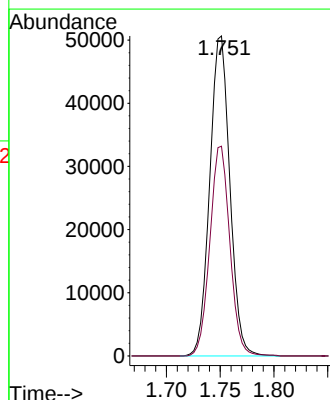
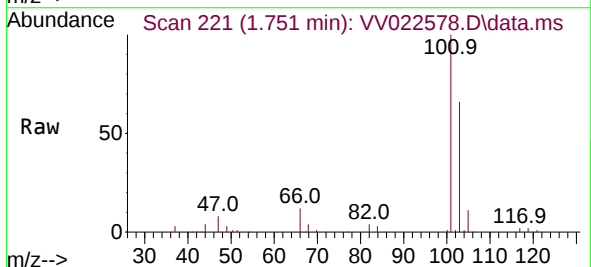
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ClientSampled :

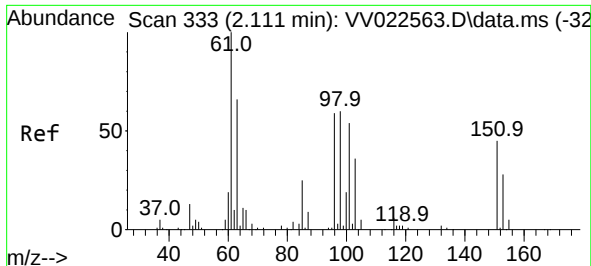
Tgt Ion: 64 Resp: 26818
Ion Ratio Lower Upper
64 100
66 34.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 5.517 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion:101 Resp: 65815
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

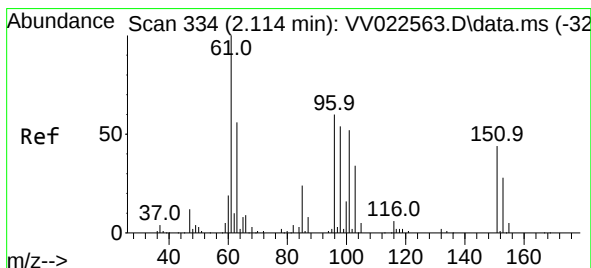
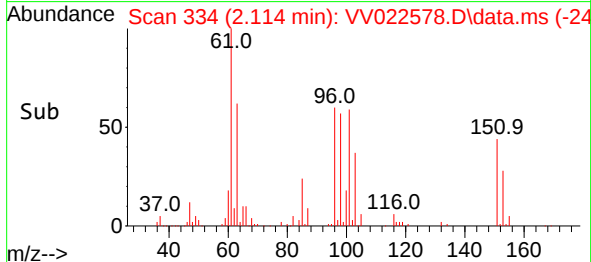
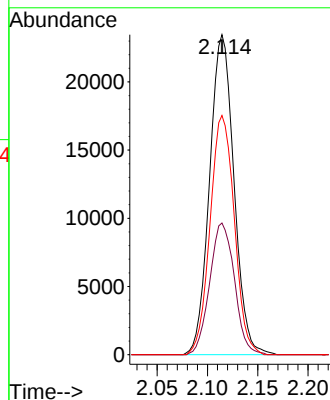
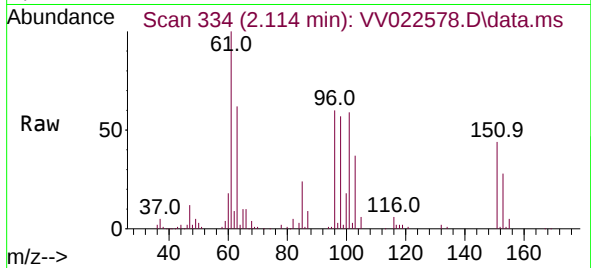




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.767 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV022578.D
 Acq: 05 Oct 2021 16:15

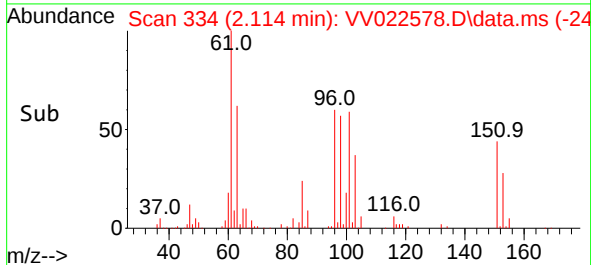
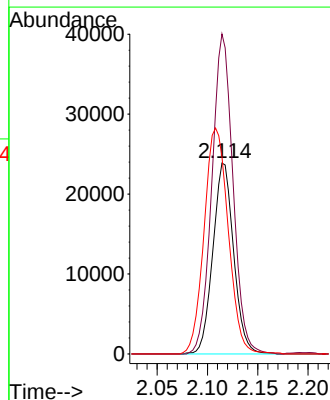
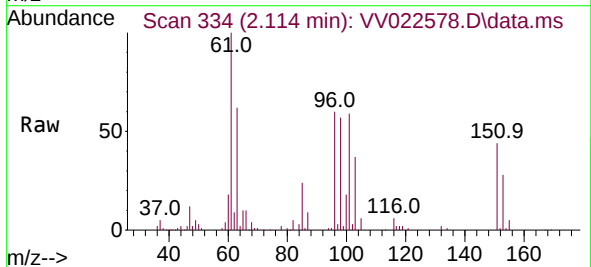
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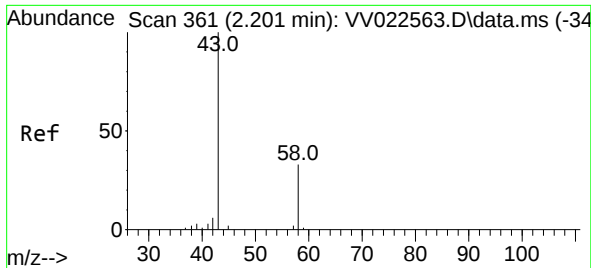
Tgt Ion:101 Resp: 39553
 Ion Ratio Lower Upper
 101 100
 85 41.7 35.8 53.6
 151 74.3 61.9 92.9



#12
 1,1-Dichloroethene
 Concen: 5.410 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022578.D
 Acq: 05 Oct 2021 16:15

Tgt Ion: 96 Resp: 34334
 Ion Ratio Lower Upper
 96 100
 61 167.6 113.2 210.2
 63 103.3 66.6 123.8

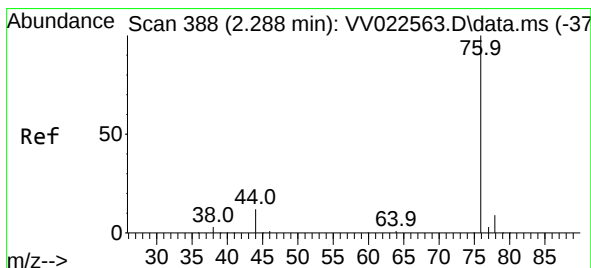
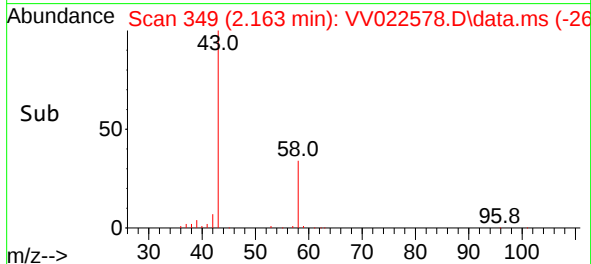
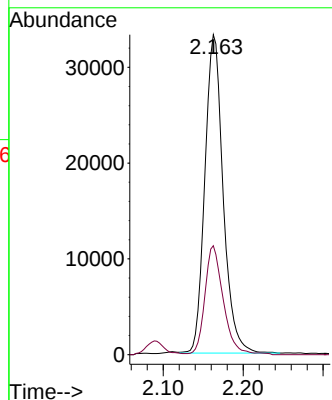
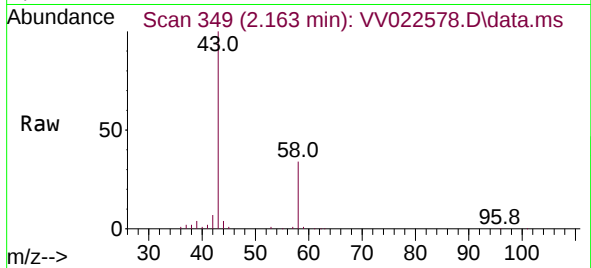




#13
Acetone
Concen: 50.097 ug/L
RT: 2.163 min Scan# 349
Delta R.T. -0.039 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

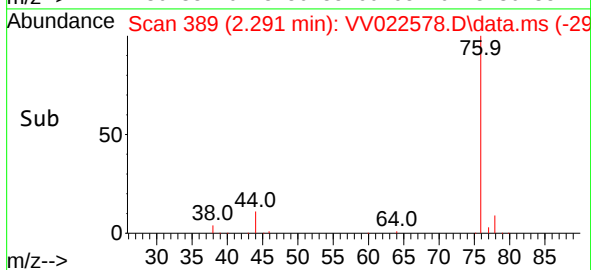
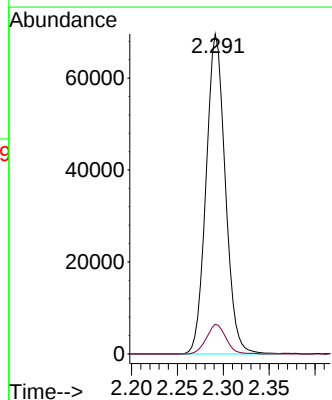
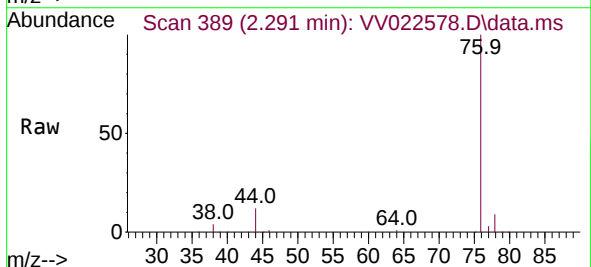
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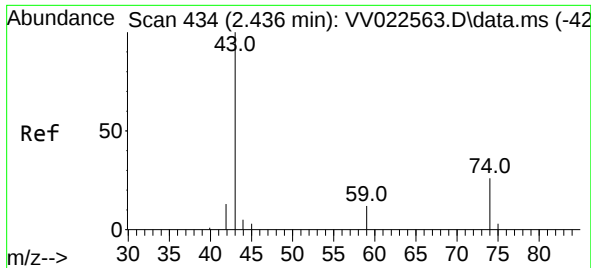
Tgt Ion: 43 Resp: 52860
Ion Ratio Lower Upper
43 100
58 34.6 0.0 17.6#



#14
Carbon disulfide
Concen: 5.466 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 76 Resp: 101471
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6

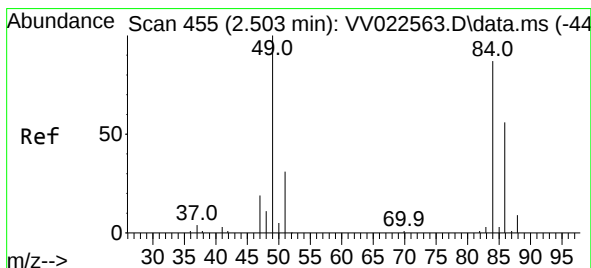
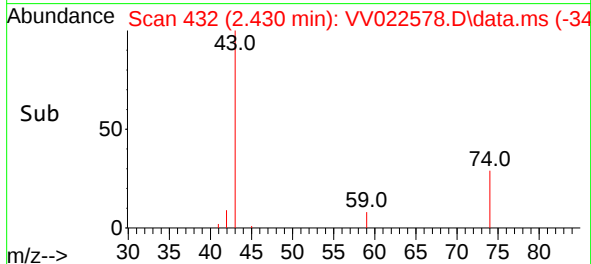
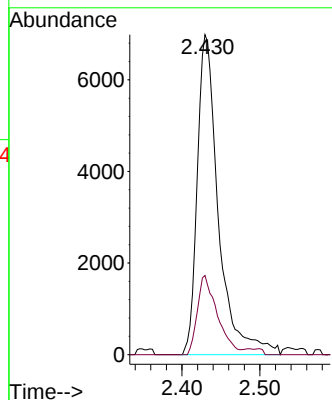
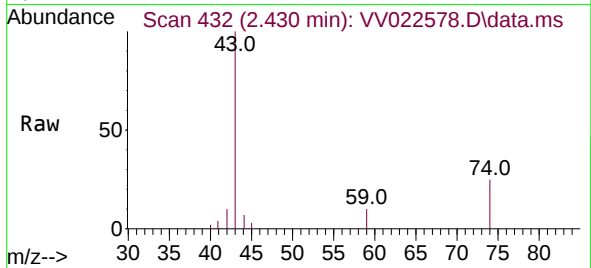




#15
Methyl Acetate
Concen: 4.240 ug/L
RT: 2.430 min Scan# 432
Delta R.T. -0.006 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

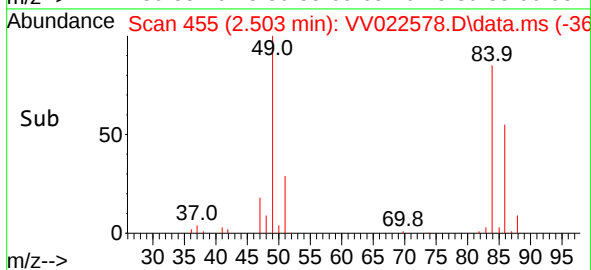
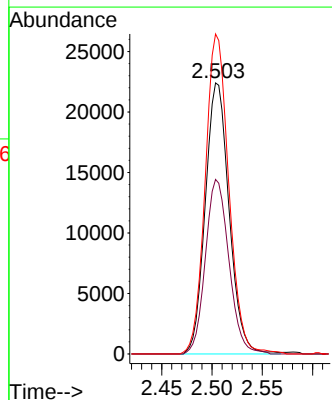
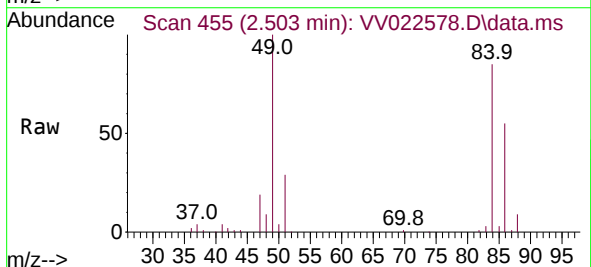
Instrument :
MSVOA_V
ClientSampled :

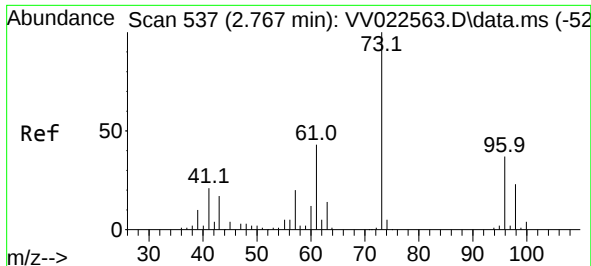
Tgt Ion: 43 Resp: 13174
Ion Ratio Lower Upper
43 100
74 23.3 13.0 19.4#



#16
Methylene chloride
Concen: 5.054 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 84 Resp: 36957
Ion Ratio Lower Upper
84 100
86 64.4 44.0 81.8
49 118.1 85.9 159.5

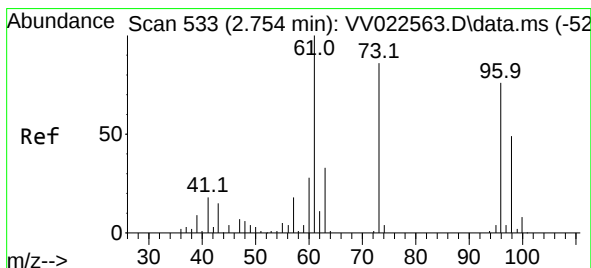
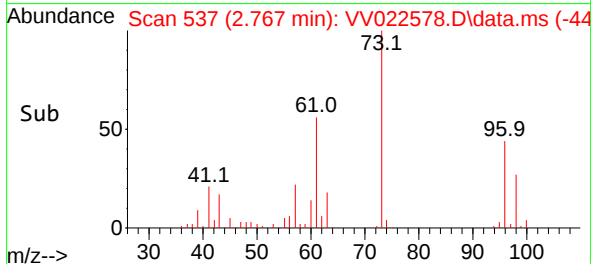
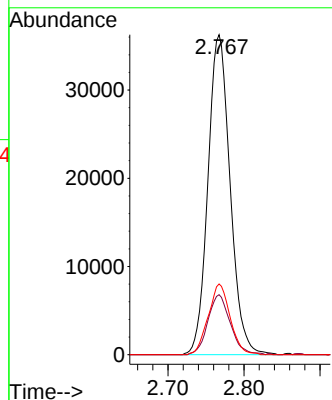
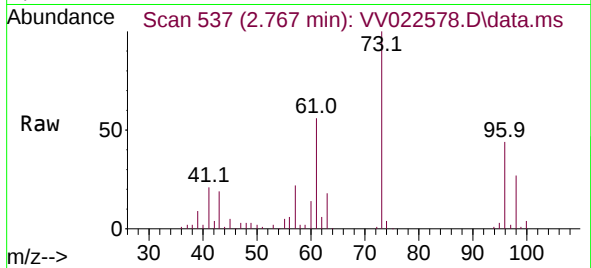




#17
Methyl tert-butyl Ether
Concen: 4.563 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

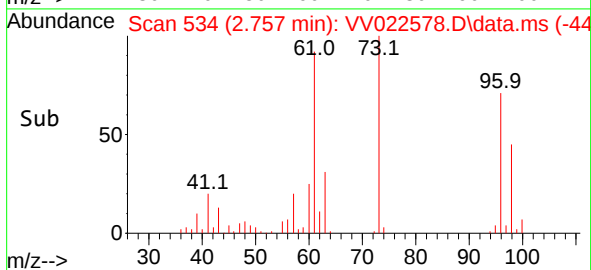
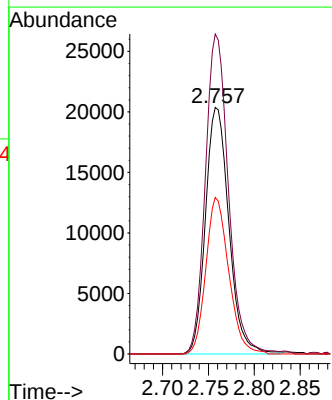
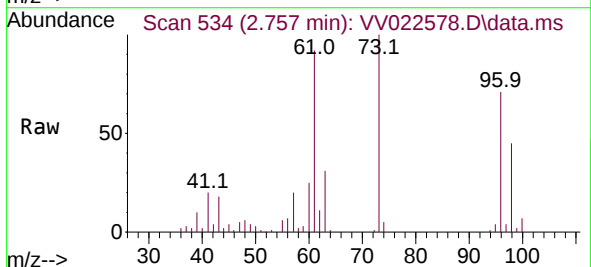
Instrument :
MSVOA_V
ClientSampleId :

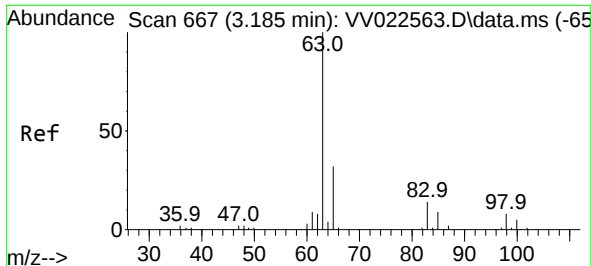
Tgt Ion: 73 Resp: 73596
Ion Ratio Lower Upper
73 100
43 19.0 16.3 24.5
57 21.8 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.232 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 96 Resp: 36183
Ion Ratio Lower Upper
96 100
61 129.8 94.0 174.6
98 63.5 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.958 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV022578.D

Acq: 05 Oct 2021 16:15

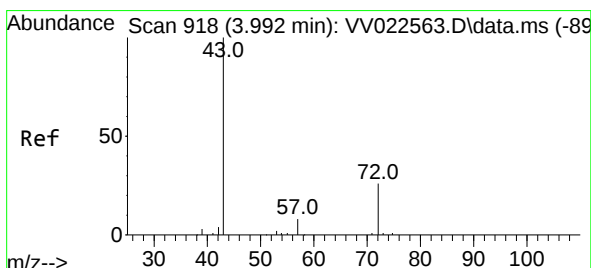
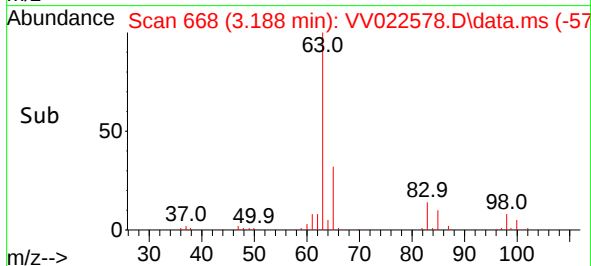
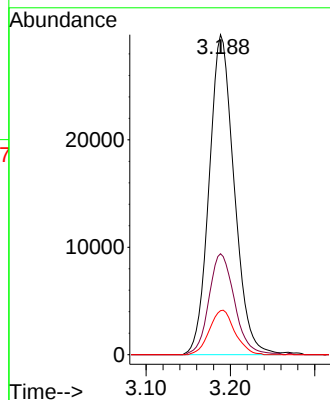
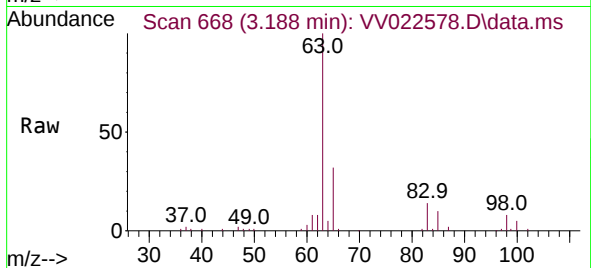
Tgt Ion: 63 Resp: 61528

Ion Ratio Lower Upper

63 100

65 31.5 22.8 42.4

83 13.7 10.2 19.0



#21

2-Butanone

Concen: 42.276 ug/L

RT: 3.960 min Scan# 908

Delta R.T. -0.032 min

Lab File: VV022578.D

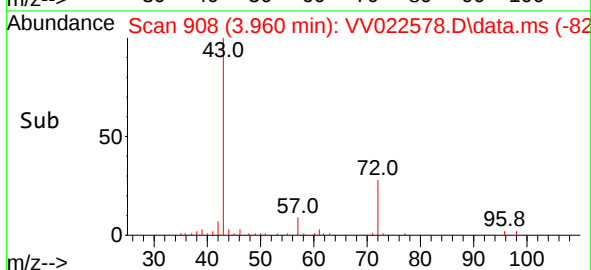
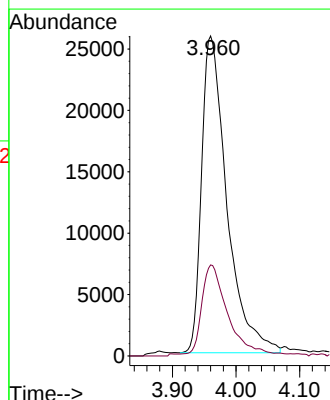
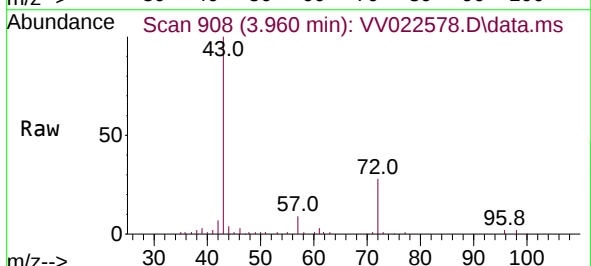
Acq: 05 Oct 2021 16:15

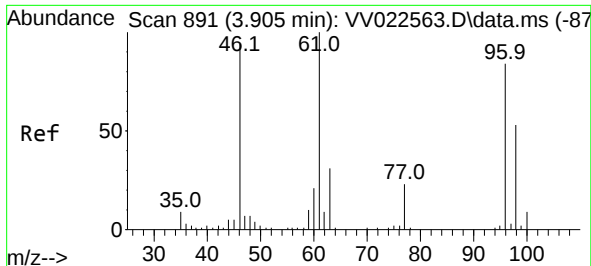
Tgt Ion: 43 Resp: 71410

Ion Ratio Lower Upper

43 100

72 27.6 12.7 38.1





#22

cis-1,2-Dichloroethene

Concen: 5.053 ug/L

RT: 3.912 min Scan# 893

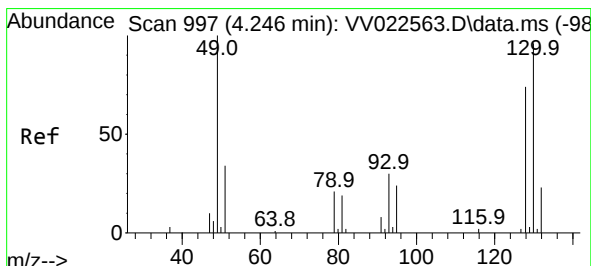
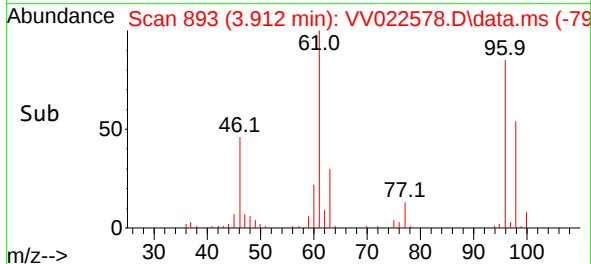
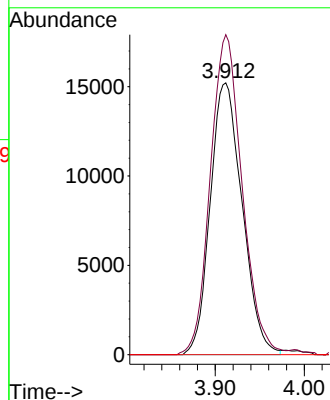
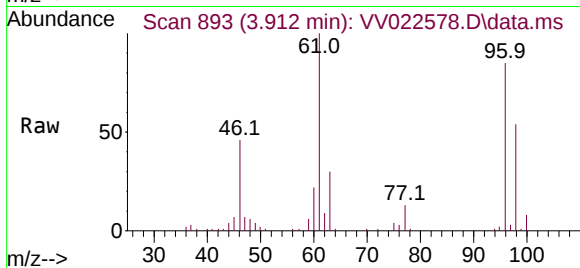
Delta R.T. 0.006 min

Lab File: VV022578.D

Acq: 05 Oct 2021 16:15

Tgt Ion: 96 Resp: 37920

Ion	Ratio	Lower	Upper
96	100		
61	117.7	85.6	159.0
68	0.0	0.0	0.0



#23

Bromochloromethane

Concen: 4.909 ug/L

RT: 4.249 min Scan# 998

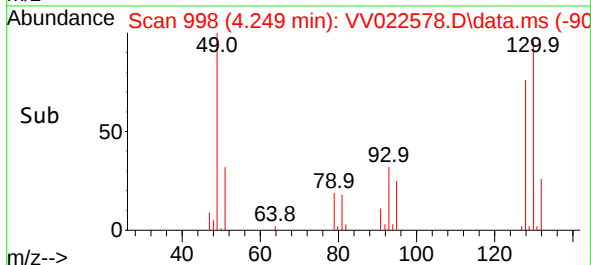
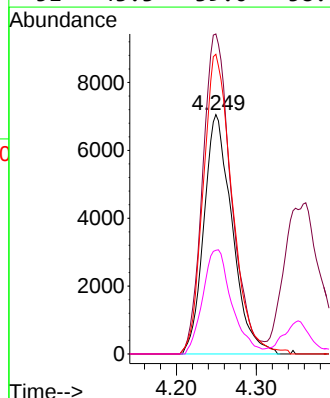
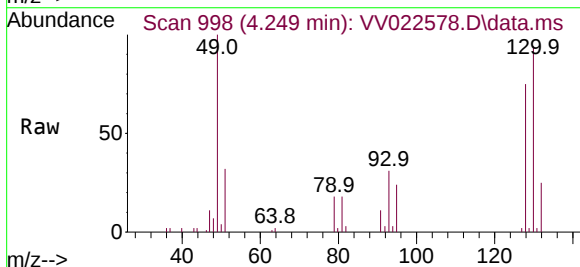
Delta R.T. 0.003 min

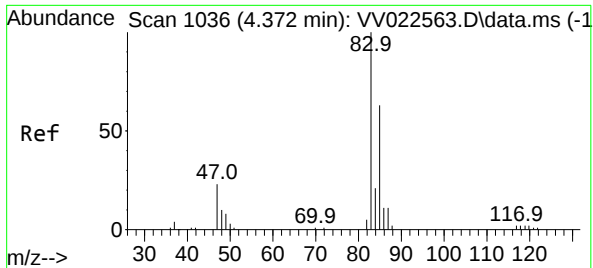
Lab File: VV022578.D

Acq: 05 Oct 2021 16:15

Tgt Ion: 128 Resp: 17341

Ion	Ratio	Lower	Upper
128	100		
49	133.7	110.7	205.5
130	125.2	93.2	173.2
51	43.3	39.0	58.6





#25

Chloroform

Concen: 4.858 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022578.D

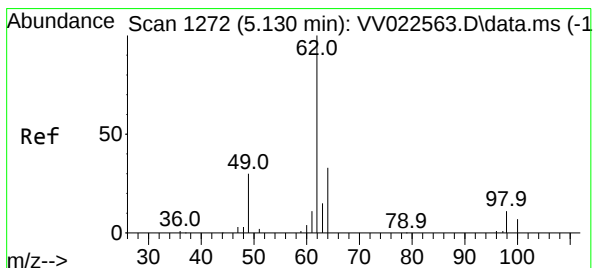
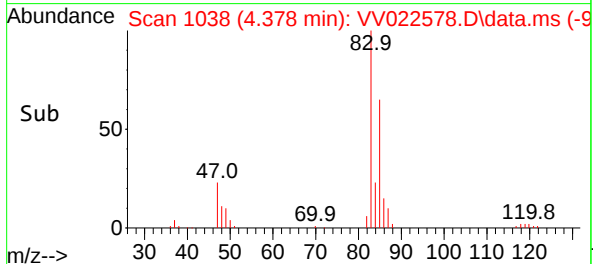
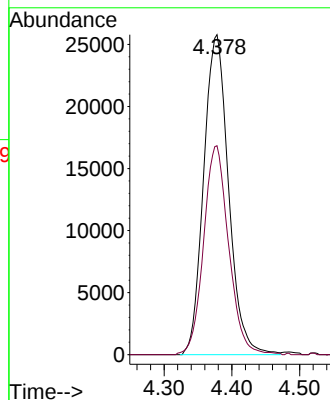
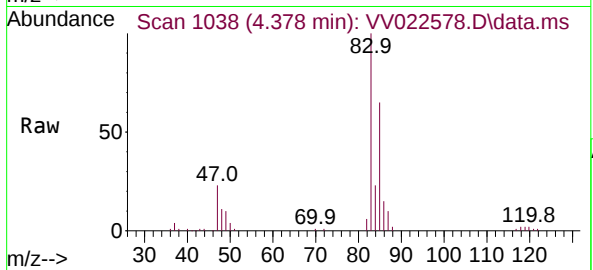
Acq: 05 Oct 2021 16:15

Tgt Ion: 83 Resp: 65822

Ion Ratio Lower Upper

83 100

85 65.3 45.6 84.8



#27

1,2-Dichloroethane

Concen: 4.969 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV022578.D

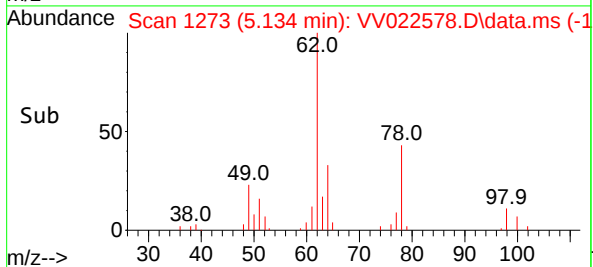
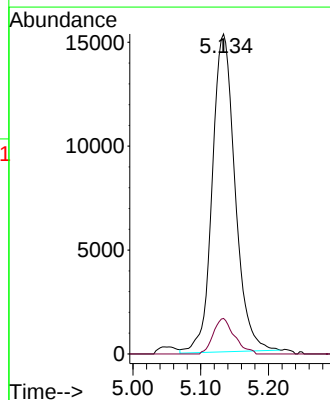
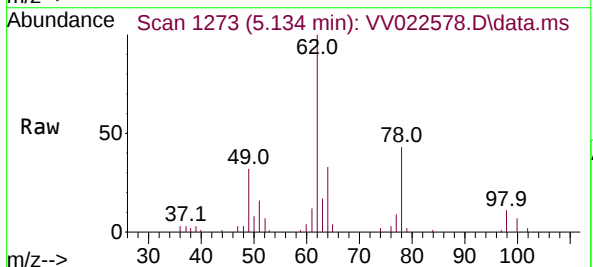
Acq: 05 Oct 2021 16:15

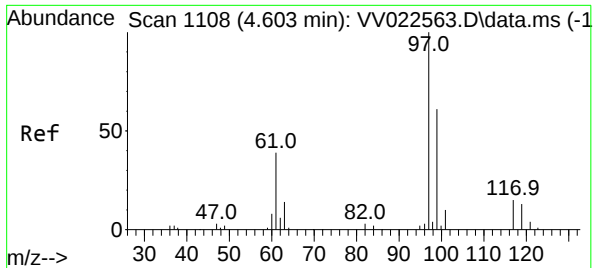
Tgt Ion: 62 Resp: 35834

Ion Ratio Lower Upper

62 100

98 11.1 7.4 11.2

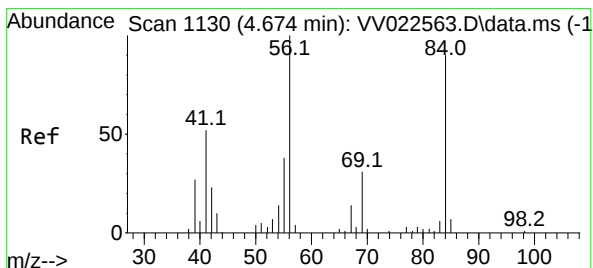
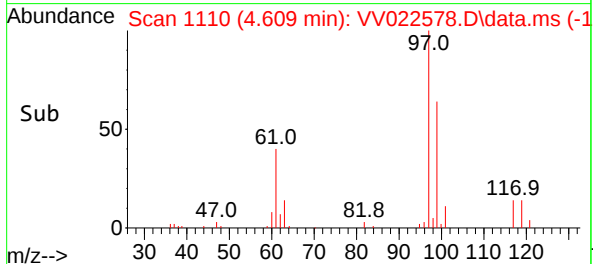
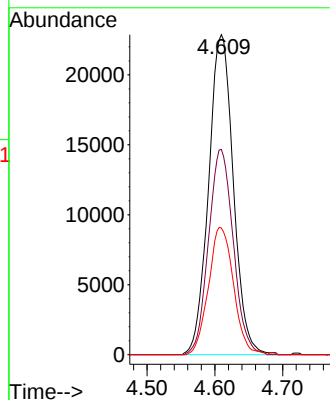
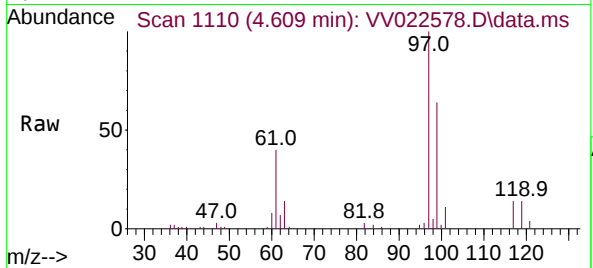




#29
1,1,1-Trichloroethane
Concen: 4.934 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

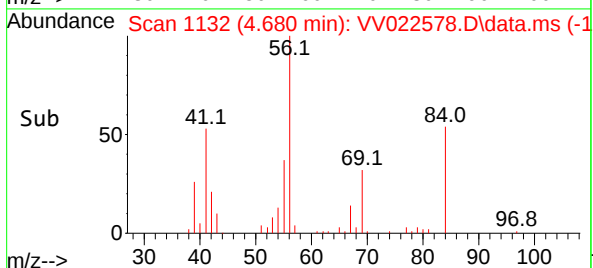
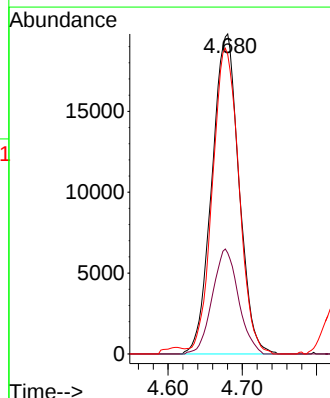
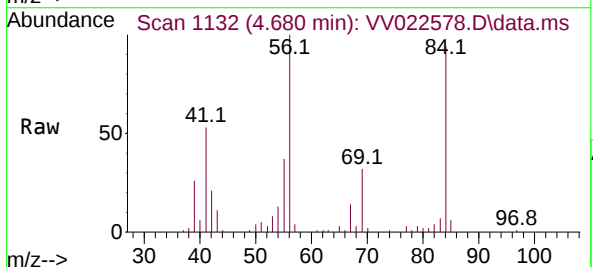
Instrument :
MSVOA_V
ClientSampled :

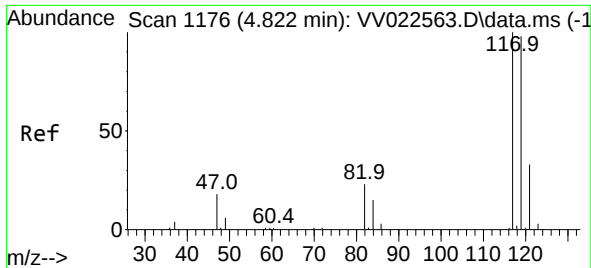
Tgt Ion: 97	Resp: 57965
Ion Ratio	Lower Upper
97 100	
99 64.3	49.8 74.6
61 40.2	32.5 48.7



#30
Cyclohexane
Concen: 4.708 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 56	Resp: 50111
Ion Ratio	Lower Upper
56 100	
69 31.5	25.7 38.5
84 93.8	75.8 113.8

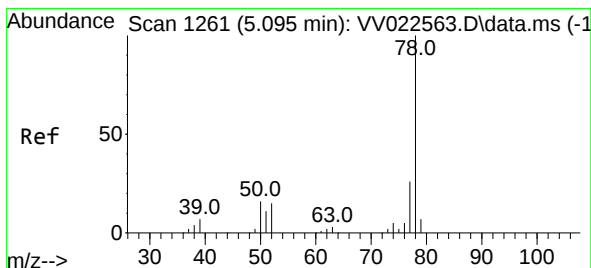
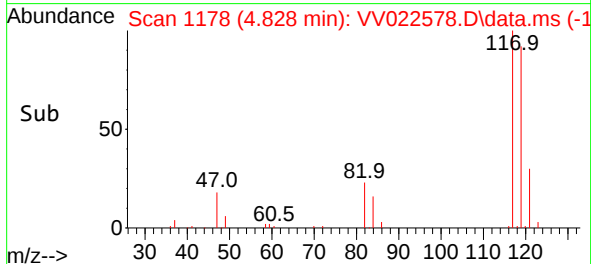
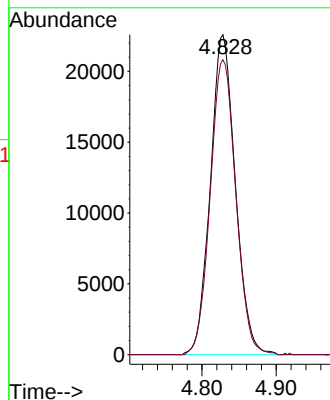
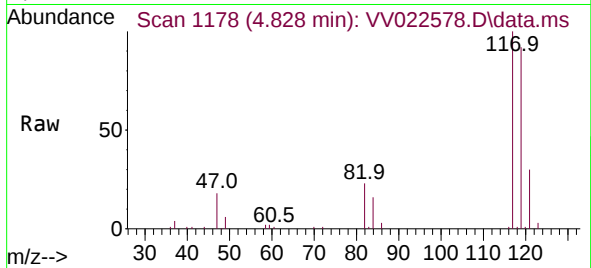




#31
Carbon tetrachloride
Concen: 5.072 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

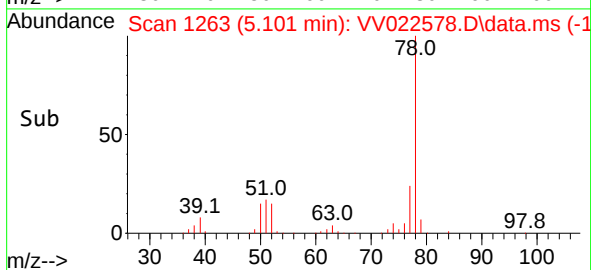
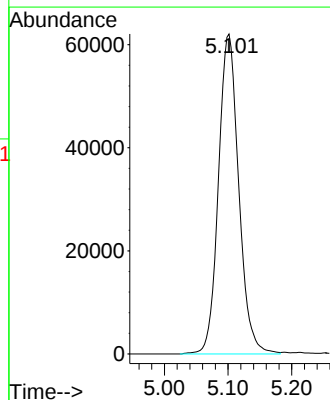
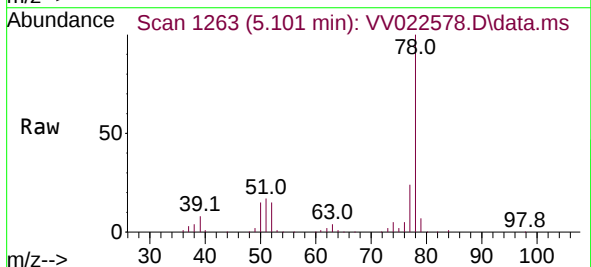
Instrument :
MSVOA_V
ClientSampleId :

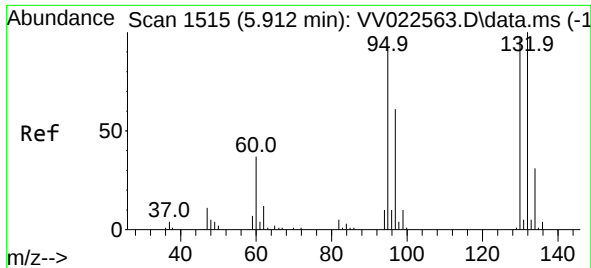
Tgt Ion:117 Resp: 52860
Ion Ratio Lower Upper
117 100
119 94.2 76.9 115.3



#33
Benzene
Concen: 4.963 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 78 Resp: 137518



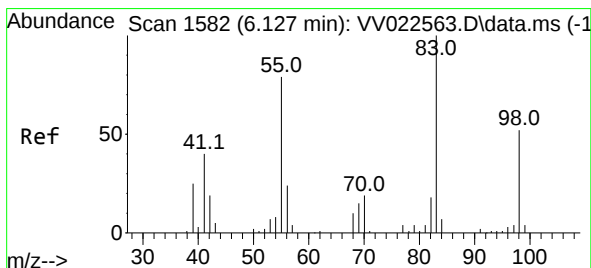
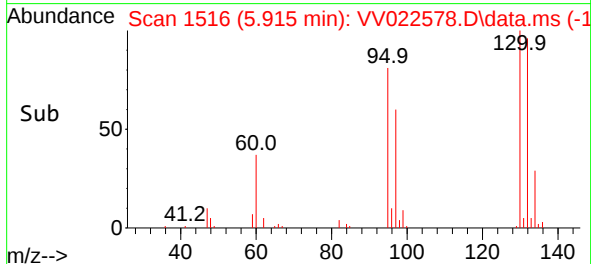
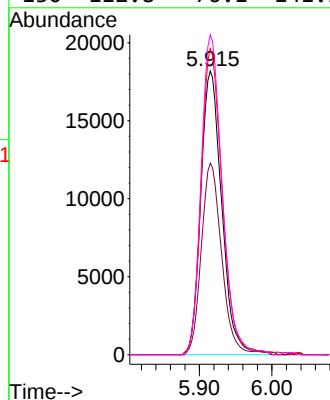
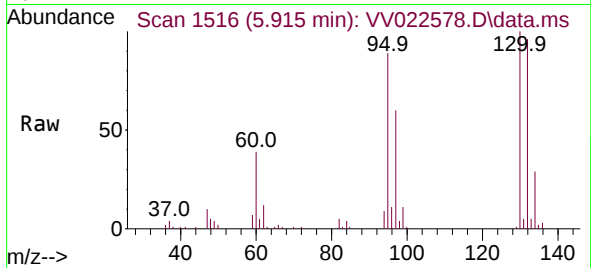


#34
Trichloroethene
Concen: 4.547 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 36616

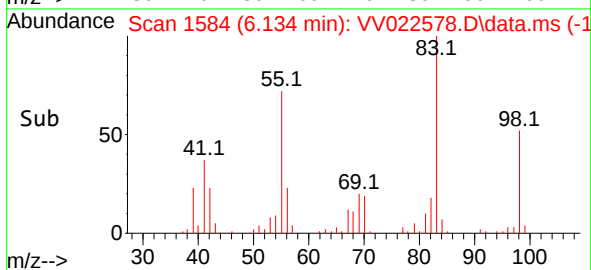
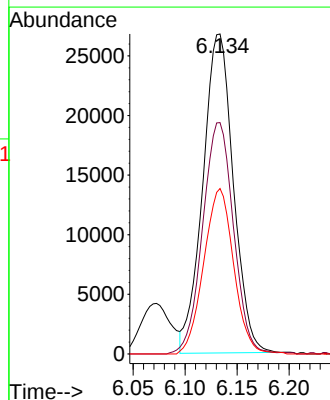
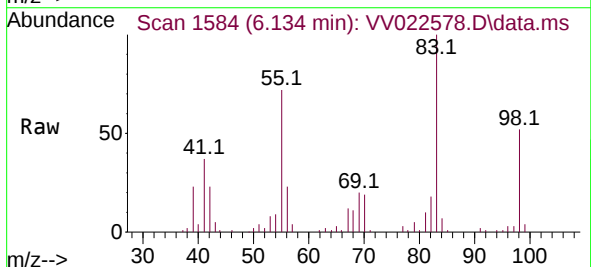
Ion	Ratio	Lower	Upper
95	100		
97	67.5	46.5	86.5
132	107.9	73.0	135.6
130	112.8	76.1	141.3

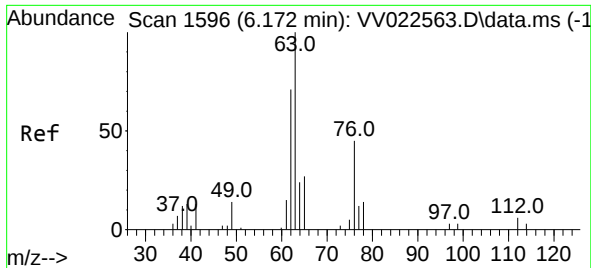


#35
Methylcyclohexane
Concen: 4.843 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 83 Resp: 54652

Ion	Ratio	Lower	Upper
83	100		
55	73.5	57.8	86.8
98	50.9	39.8	59.8

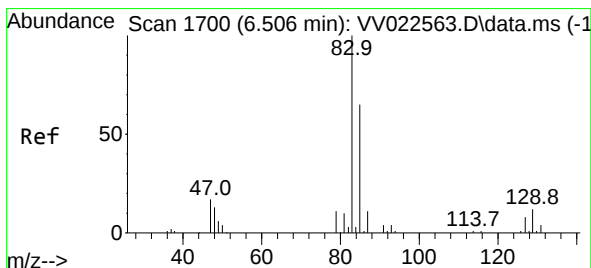
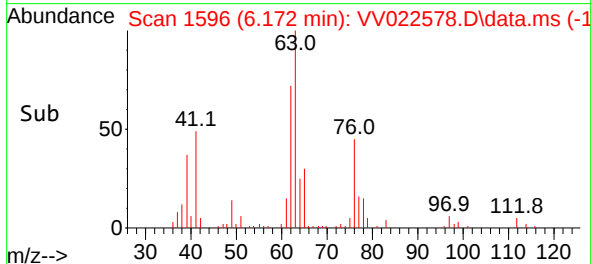
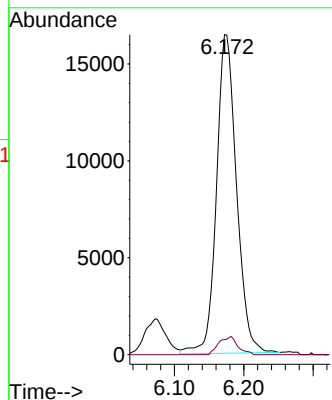
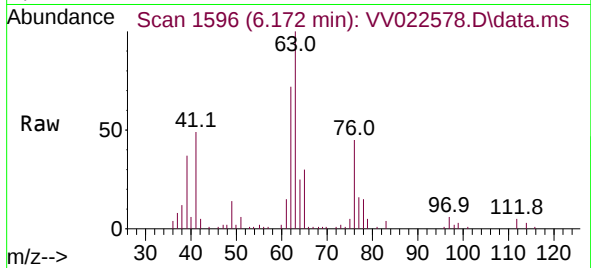




#37
1,2-Dichloropropane
Concen: 4.895 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

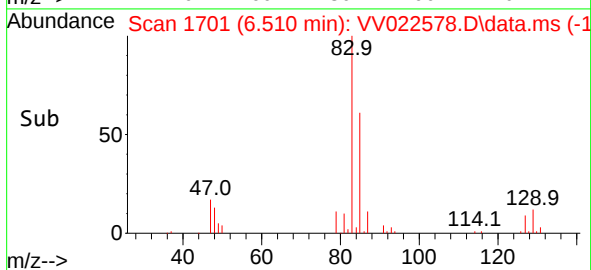
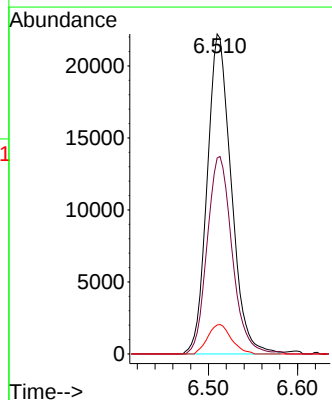
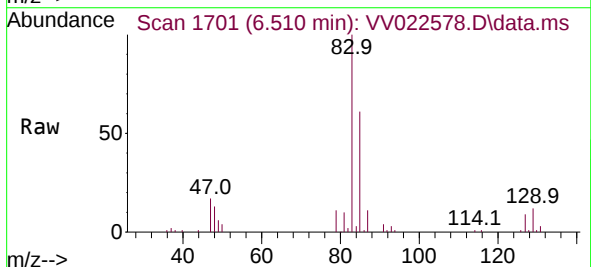
Instrument :
MSVOA_V
ClientSampled :

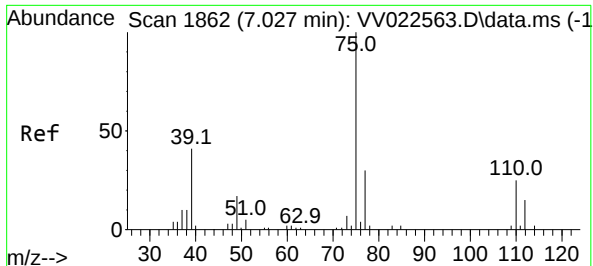
Tgt Ion: 63 Resp: 33116
Ion Ratio Lower Upper
63 100
112 5.4 4.3 6.5



#38
Bromodichloromethane
Concen: 4.857 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 83 Resp: 41635
Ion Ratio Lower Upper
83 100
85 61.3 47.2 87.6
127 9.0 7.4 11.2

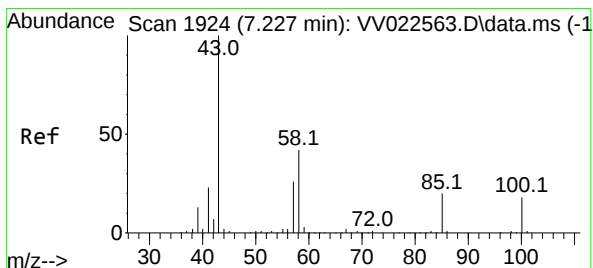
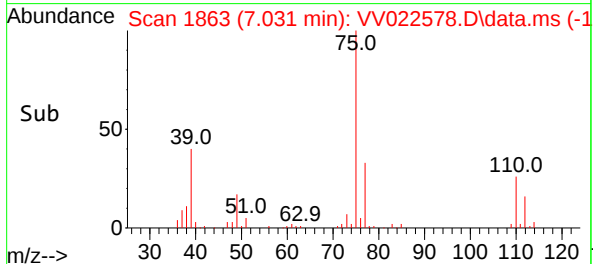
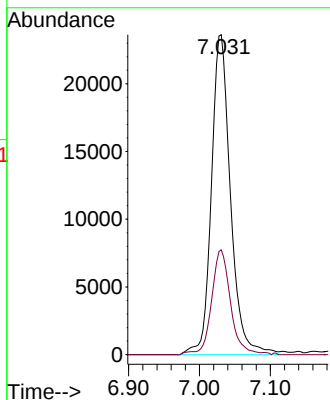
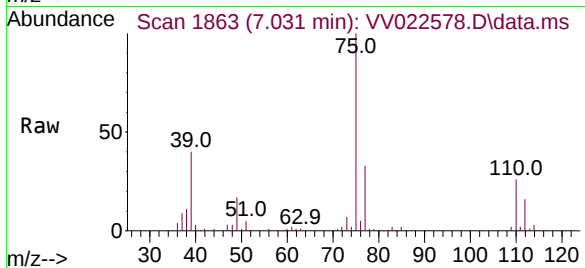




#39
 cis-1,3-Dichloropropene
 Concen: 4.856 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022578.D
 Acq: 05 Oct 2021 16:15

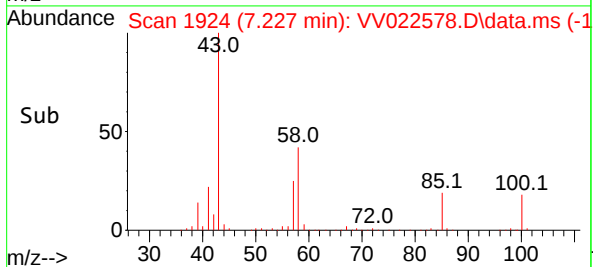
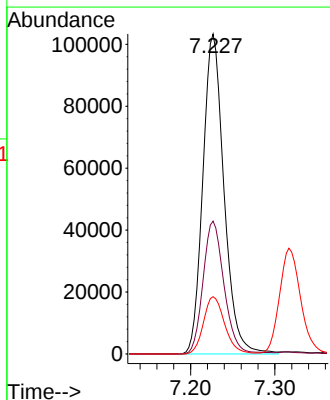
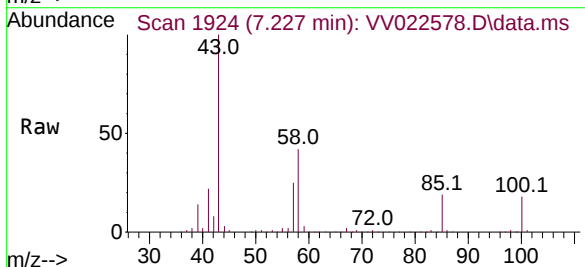
Instrument :
 MSVOA_V
 ClientSampled :

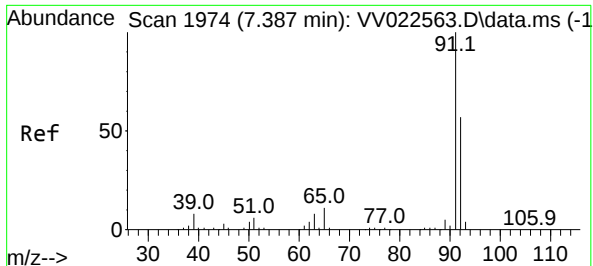
Tgt Ion: 75 Resp: 44276
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 48.537 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV022578.D
 Acq: 05 Oct 2021 16:15

Tgt Ion: 43 Resp: 180736
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.3 48.5
 100 17.9 13.8 20.6





#42

Toluene

Concen: 5.304 ug/L

RT: 7.388 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV022578.D

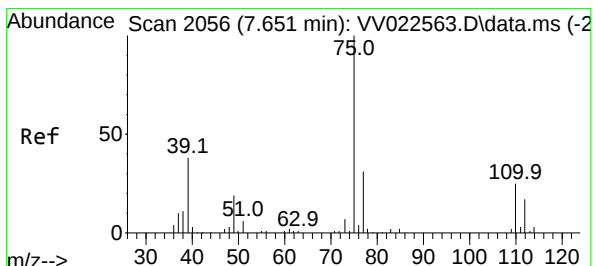
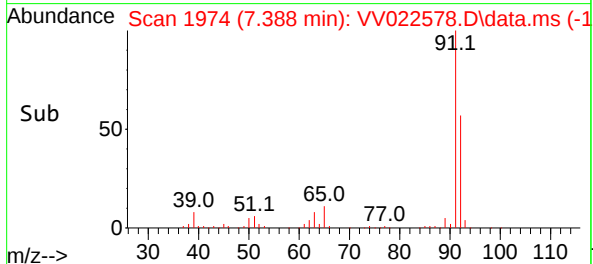
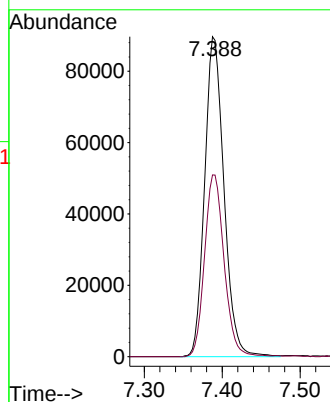
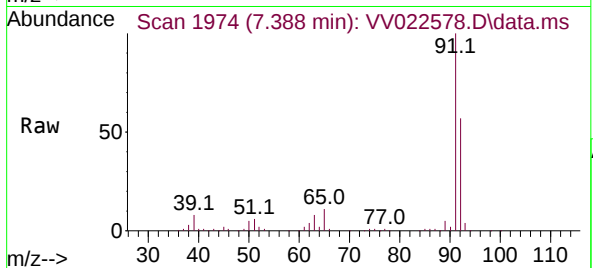
Acq: 05 Oct 2021 16:15

Tgt Ion: 91 Resp: 154382

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.938 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022578.D

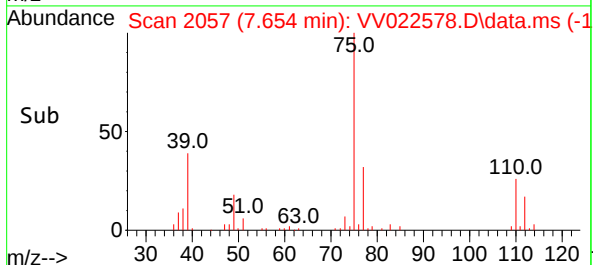
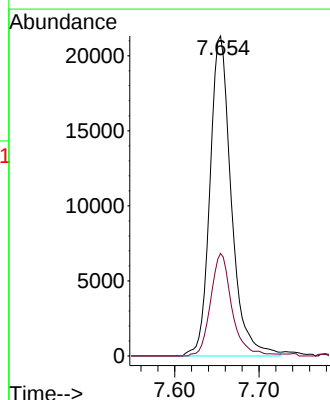
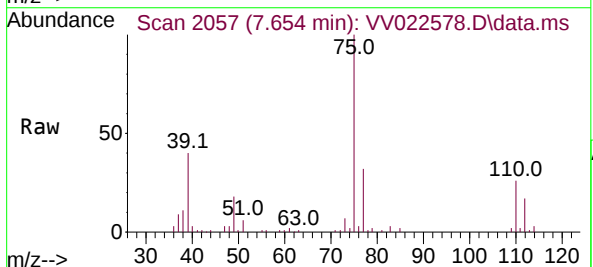
Acq: 05 Oct 2021 16:15

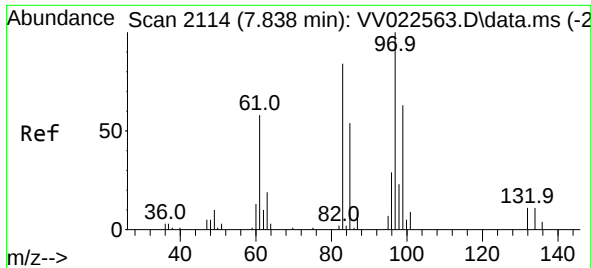
Tgt Ion: 75 Resp: 37583

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6

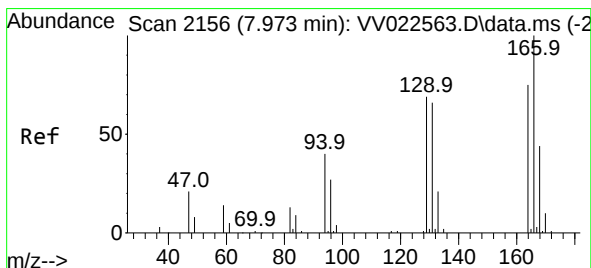
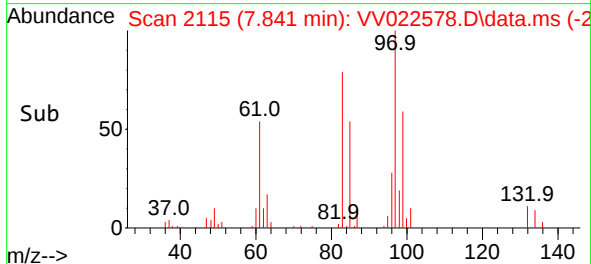
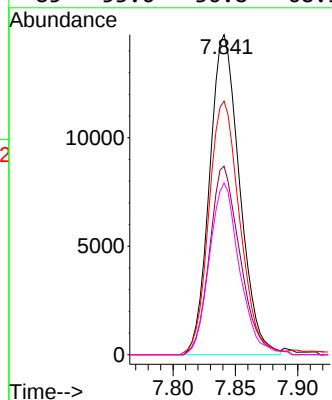
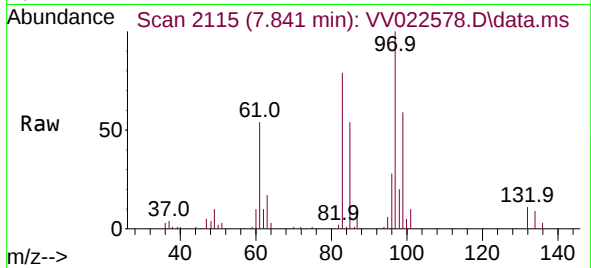




#45
1,1,2-Trichloroethane
Concen: 4.897 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

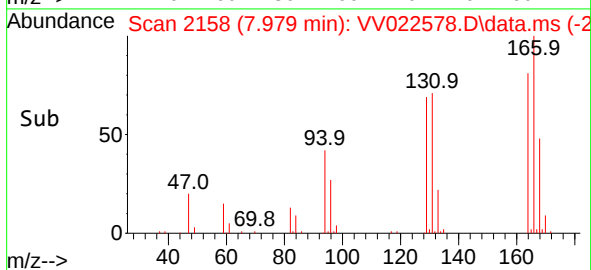
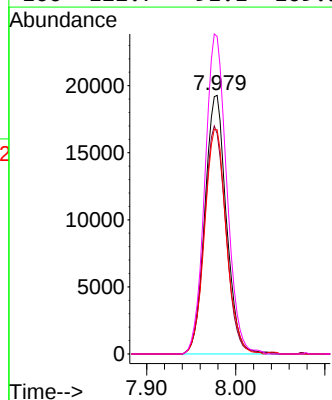
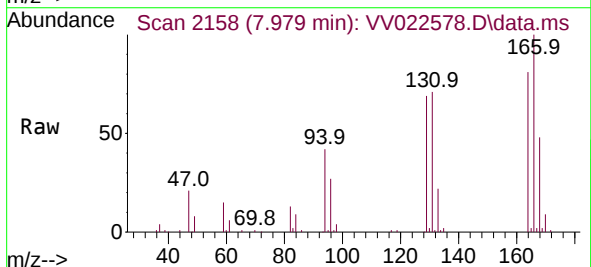
Instrument :
MSVOA_V
ClientSampled :

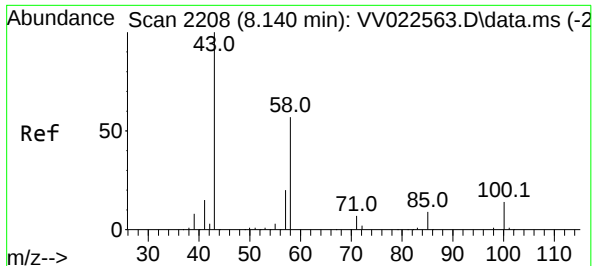
Tgt Ion:	97	Resp:	24731
Ion	Ratio	Lower	Upper
97	100		
99	58.9	42.6	79.0
83	79.2	57.7	107.1
85	53.6	36.8	68.3



#47
Tetrachloroethene
Concen: 5.146 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion:	164	Resp:	32225
Ion	Ratio	Lower	Upper
164	100		
129	85.2	65.5	121.6
131	86.7	62.4	116.0
166	122.7	91.1	169.3



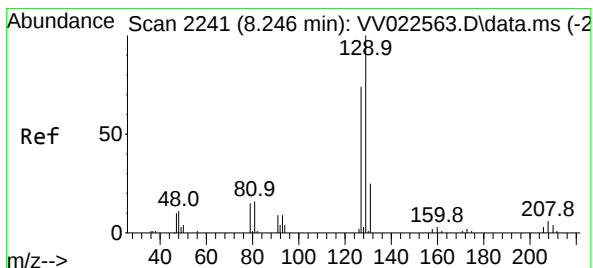
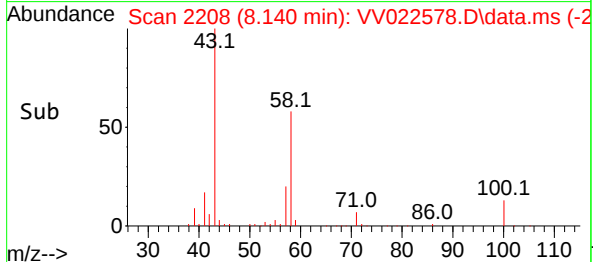
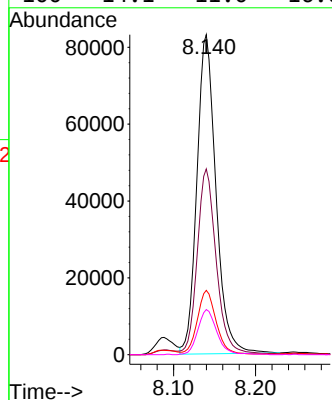
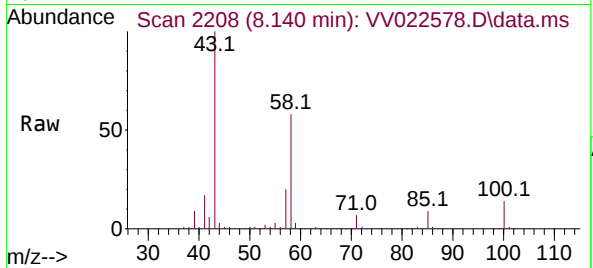


#48
2-Hexanone
Concen: 50.140 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 134318

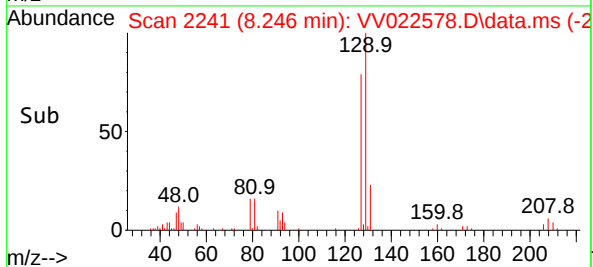
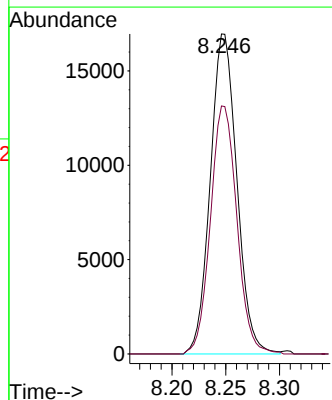
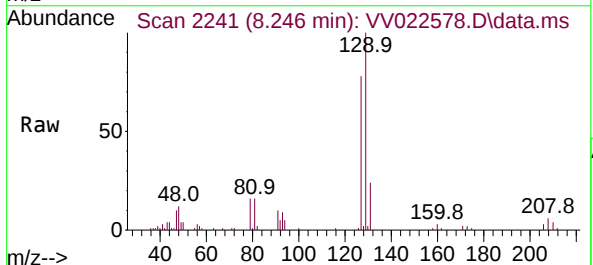
Ion	Ratio	Lower	Upper
43	100		
58	57.8	46.4	69.6
57	19.7	16.3	24.5
100	14.1	11.0	16.6

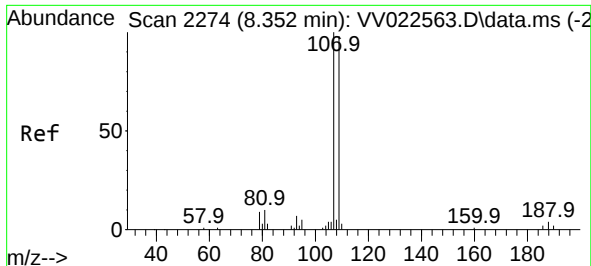


#49
Dibromochloromethane
Concen: 4.902 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 129 Resp: 29178

Ion	Ratio	Lower	Upper
129	100		
127	77.5	52.6	97.6





#50

1,2-Dibromoethane

Concen: 4.955 ug/L

RT: 8.355 min Scan# 2275

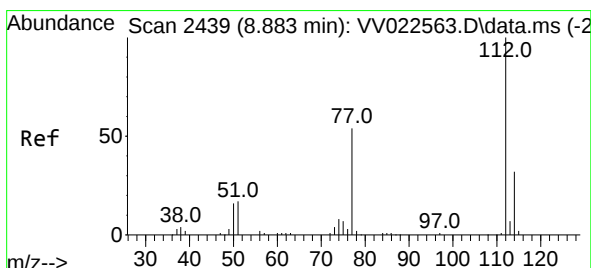
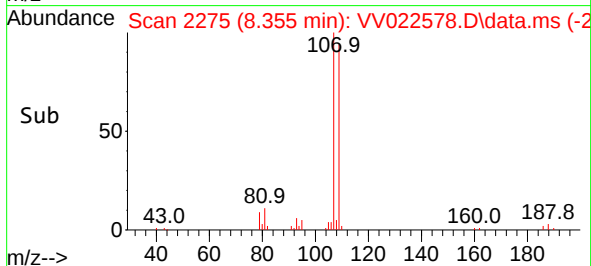
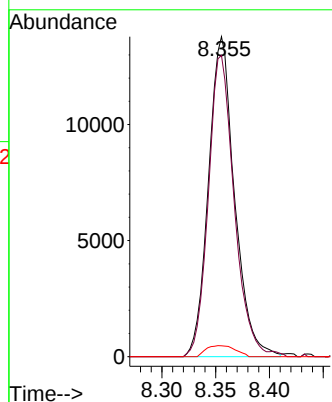
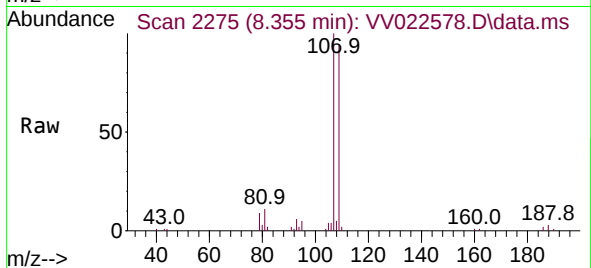
Delta R.T. 0.003 min

Lab File: VV022578.D

Acq: 05 Oct 2021 16:15

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:	107	Resp:	23263
Ion	Ratio	Lower	Upper
107	100		
109	94.1	63.2	117.4
188	3.4	3.4	5.2#



#51

Chlorobenzene

Concen: 4.969 ug/L

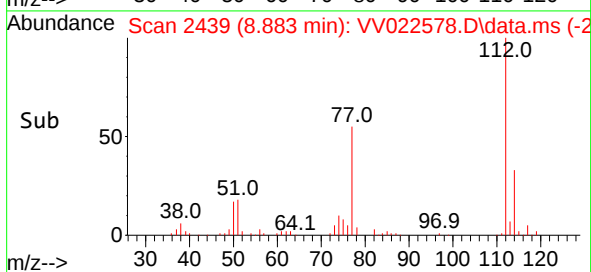
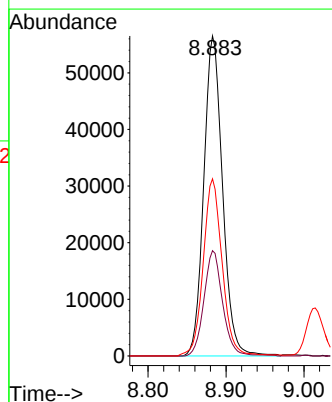
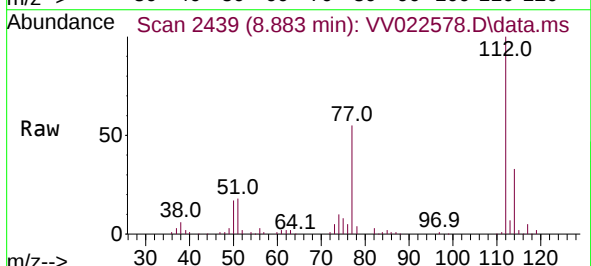
RT: 8.883 min Scan# 2439

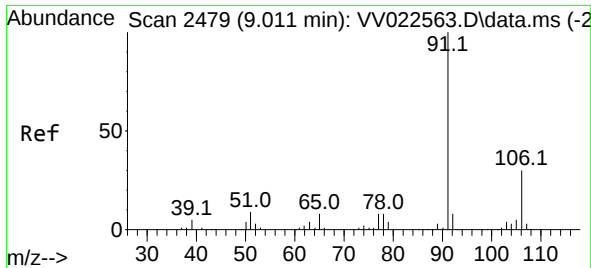
Delta R.T. 0.000 min

Lab File: VV022578.D

Acq: 05 Oct 2021 16:15

Tgt Ion:	112	Resp:	94673
Ion	Ratio	Lower	Upper
112	100		
114	32.9	21.6	40.2
77	55.4	42.8	64.2

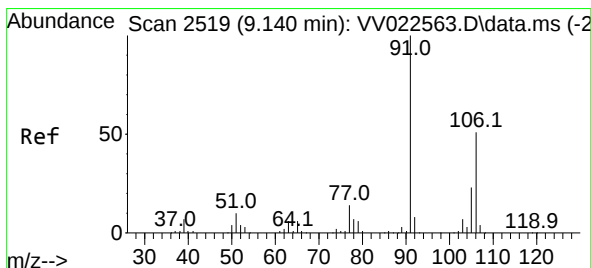
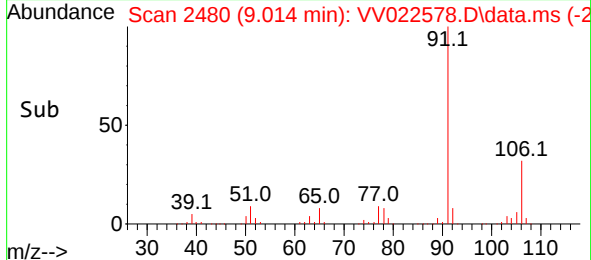
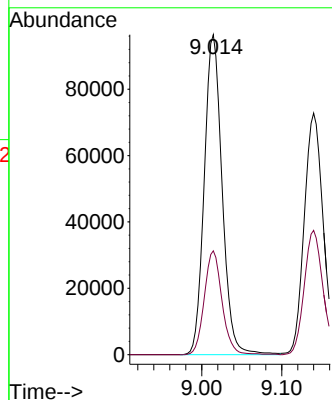
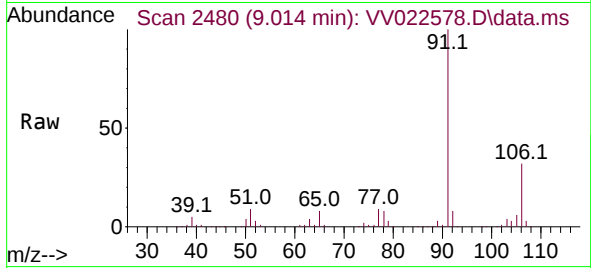




#52
Ethylbenzene
Concen: 5.030 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

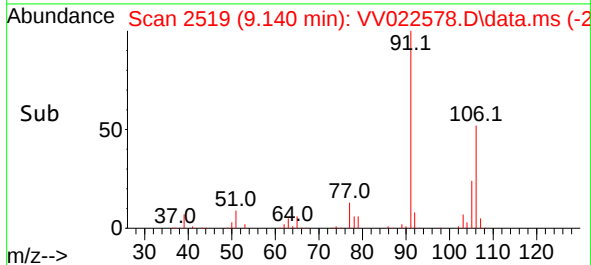
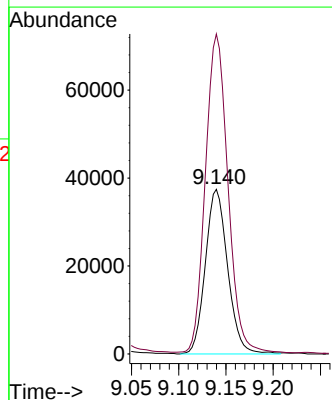
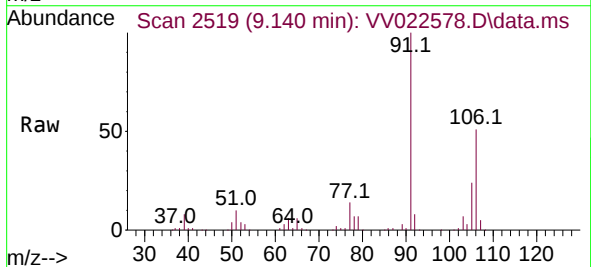
Instrument :
MSVOA_V
ClientSampled :

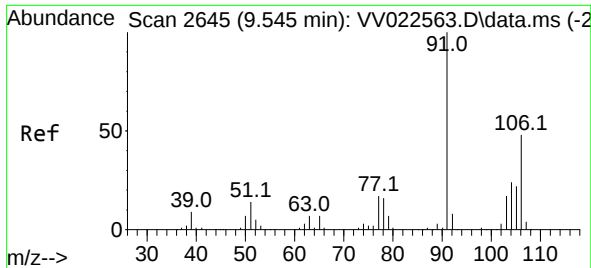
Tgt Ion: 91 Resp: 150270
Ion Ratio Lower Upper
91 100
106 32.4 21.3 39.6



#53
m,p-xylene
Concen: 5.405 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 106 Resp: 61562
Ion Ratio Lower Upper
106 100
91 194.4 144.8 269.0

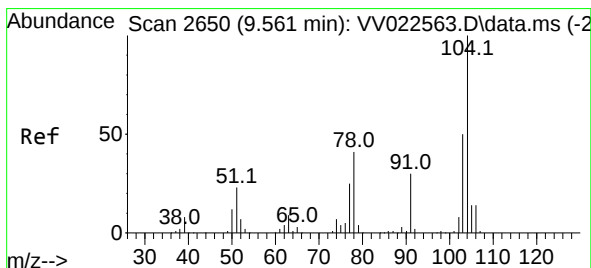
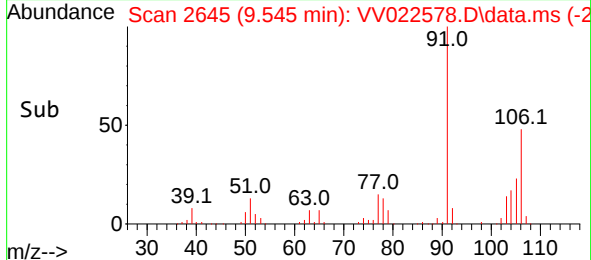
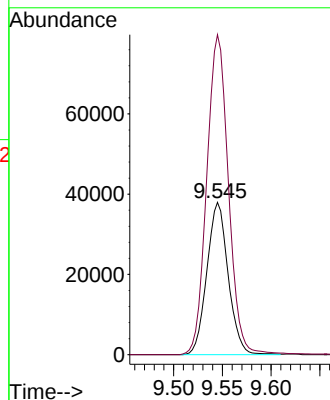
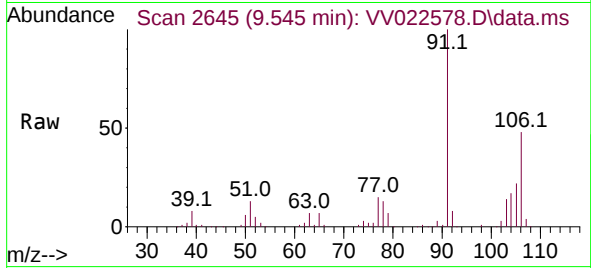




#54
o-xylene
Concen: 5.095 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

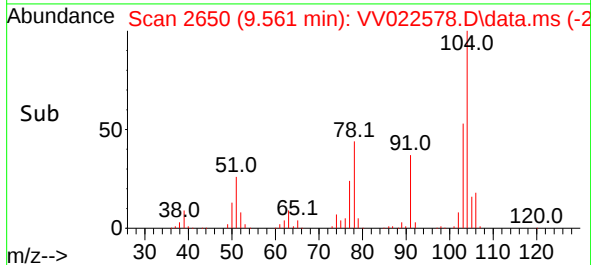
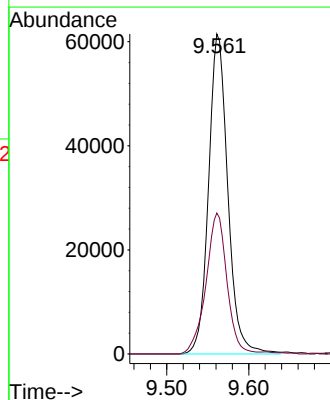
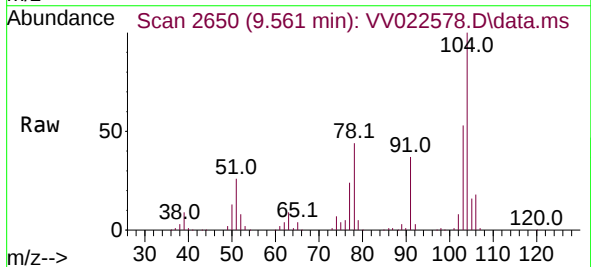
Instrument :
MSVOA_V
ClientSampled :

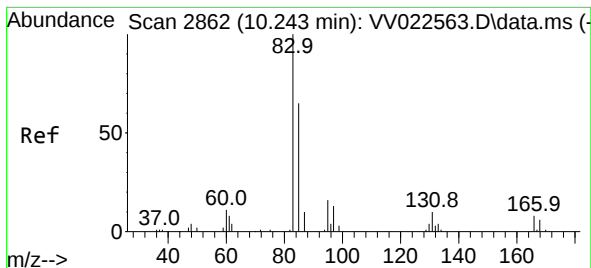
Tgt Ion:106 Resp: 57726
Ion Ratio Lower Upper
106 100
91 210.1 148.8 276.4



#55
Styrene
Concen: 5.199 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion:104 Resp: 100162
Ion Ratio Lower Upper
104 100
78 44.0 28.7 53.3

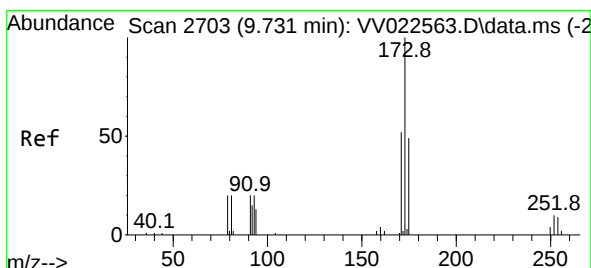
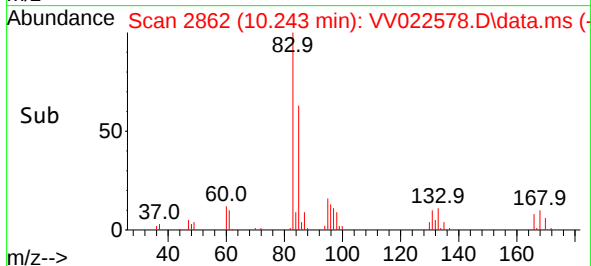
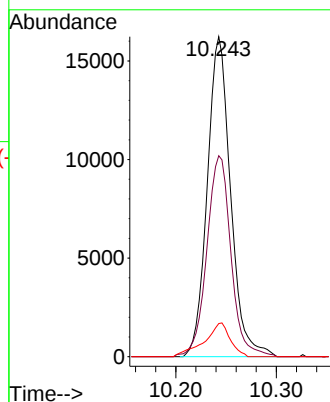
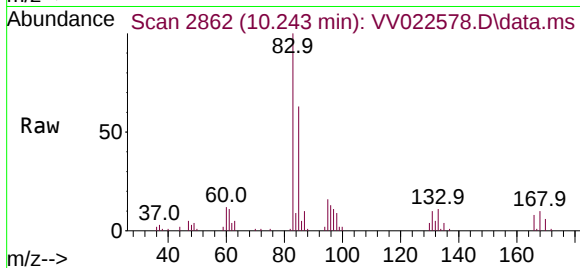




#57
1,1,2,2-Tetrachloroethane
Concen: 4.767 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

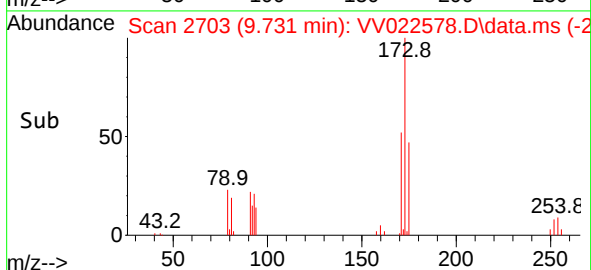
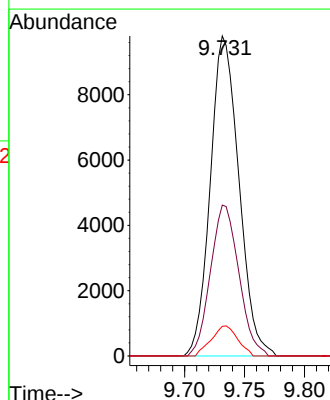
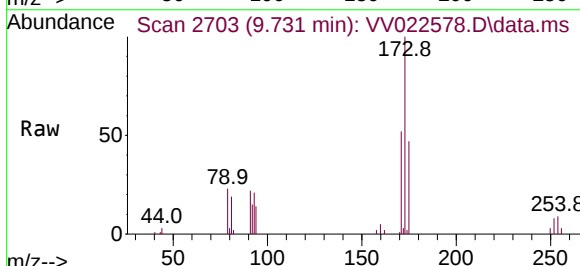
Instrument :
MSVOA_V
ClientSampleId :

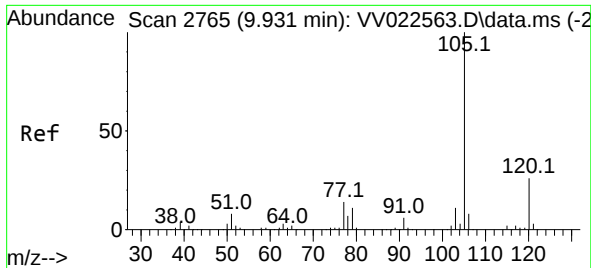
Tgt Ion:	83	Resp:	26119
Ion	Ratio	Lower	Upper
83	100		
85	62.8	46.5	86.3
131	10.4	8.6	13.0



#59
Bromoform
Concen: 5.060 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion:	173	Resp:	16236
Ion	Ratio	Lower	Upper
173	100		
175	46.7	39.0	58.4
254	8.6	7.0	10.4

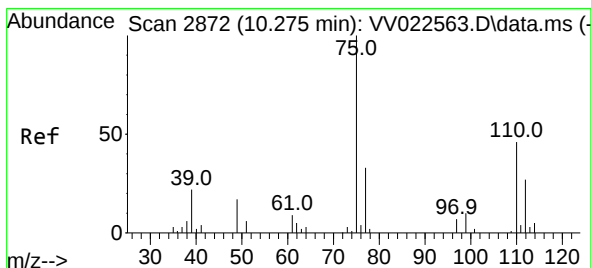
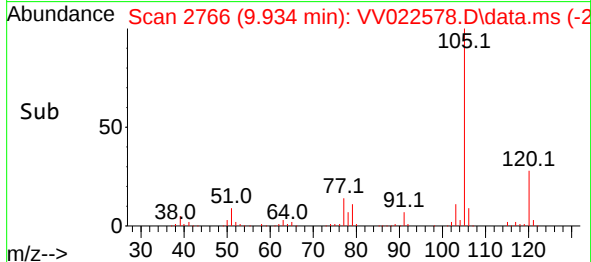
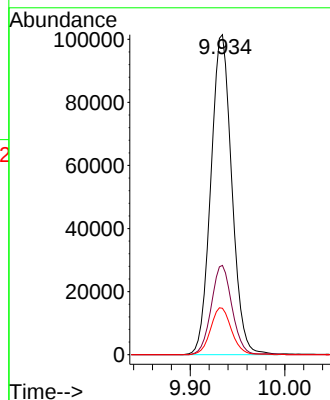
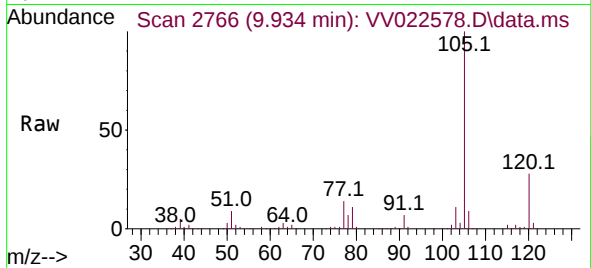




#60
Isopropylbenzene
Concen: 5.307 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

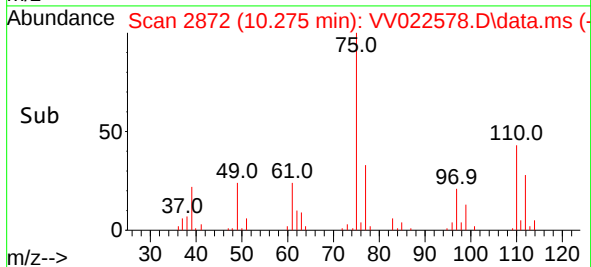
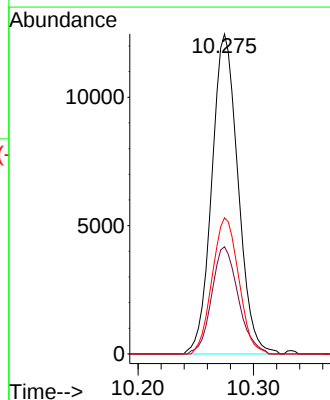
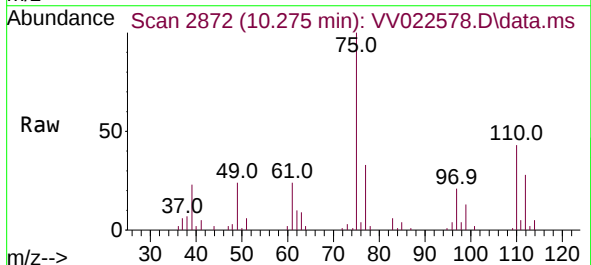
Instrument :
MSVOA_V
ClientSampled :

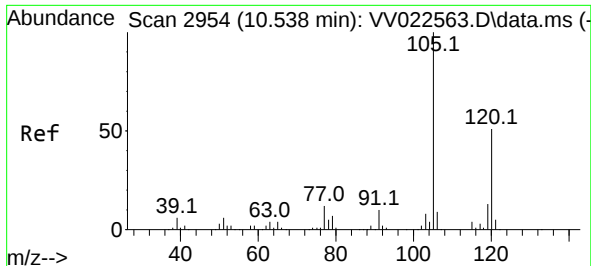
Tgt Ion:105 Resp: 156043
Ion Ratio Lower Upper
105 100
120 27.6 21.6 32.4
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 4.849 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 75 Resp: 19657
Ion Ratio Lower Upper
75 100
77 34.0 26.1 39.1
110 43.1 33.0 49.6

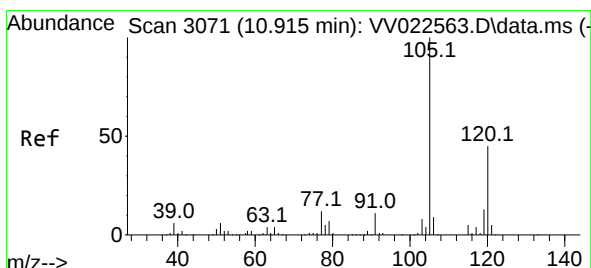
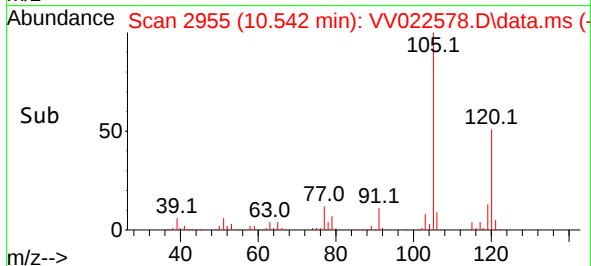
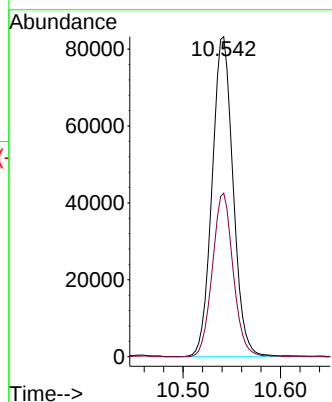
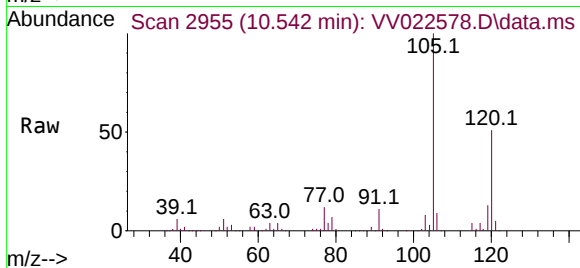




#62
1,3,5-Trimethylbenzene
Concen: 5.230 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

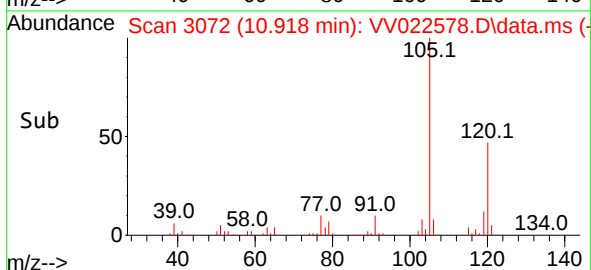
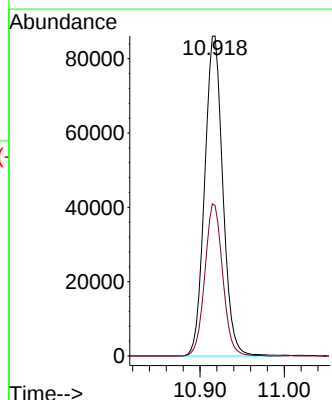
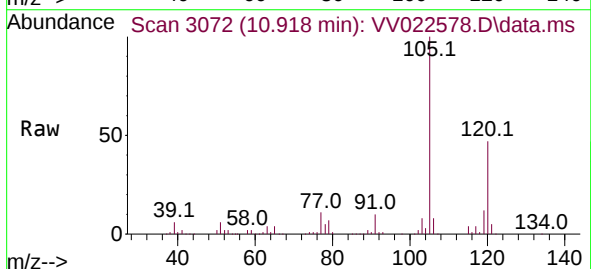
Instrument :
MSVOA_V
ClientSampled :

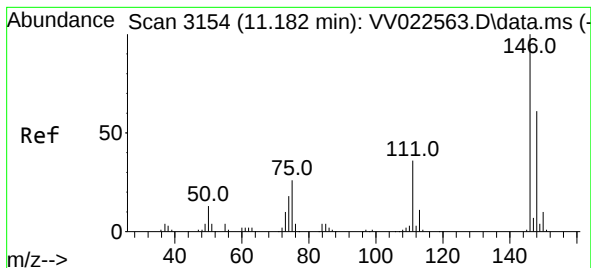
Tgt Ion:105 Resp: 124671
Ion Ratio Lower Upper
105 100
120 50.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.346 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion:105 Resp: 129471
Ion Ratio Lower Upper
105 100
120 46.6 37.2 55.8





#64

1,3-Dichlorobenzene

Concen: 5.282 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV022578.D

Acq: 05 Oct 2021 16:15

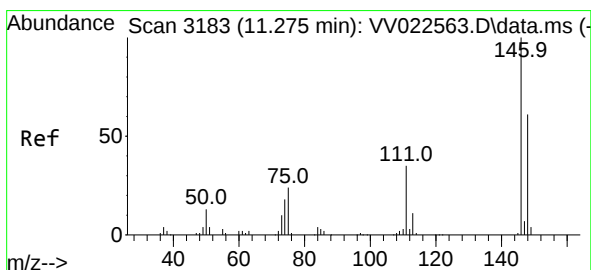
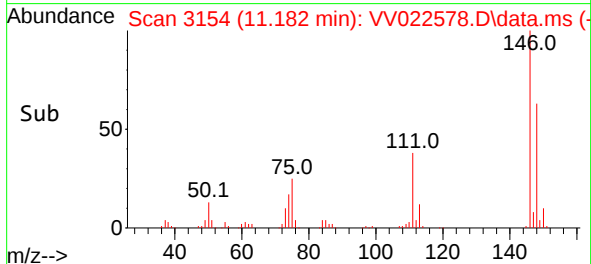
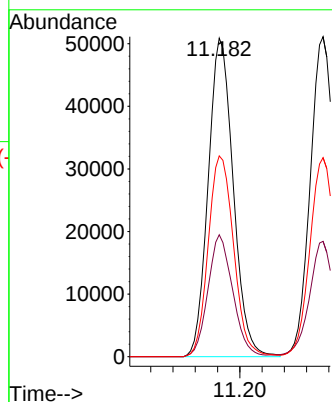
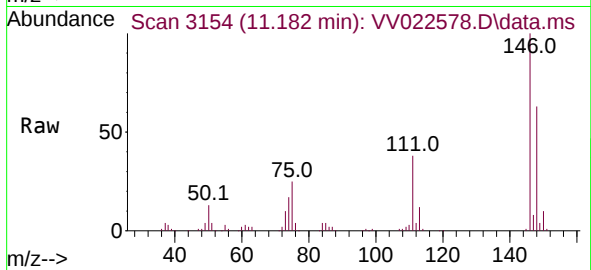
Tgt Ion:146 Resp: 79523

Ion Ratio Lower Upper

146 100

111 38.3 26.8 49.8

148 63.1 45.6 84.8



#65

1,4-Dichlorobenzene

Concen: 5.145 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV022578.D

Acq: 05 Oct 2021 16:15

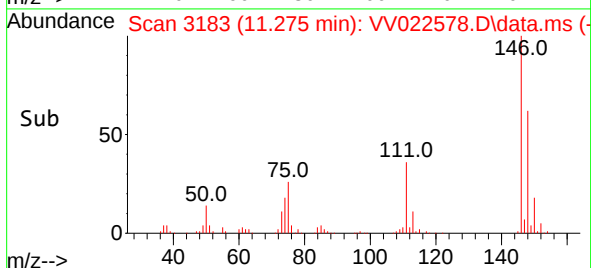
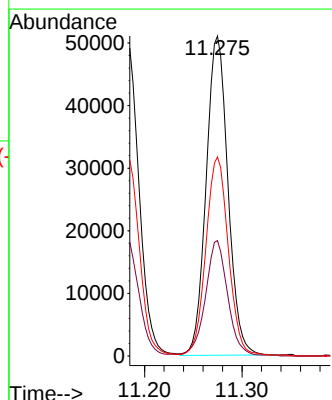
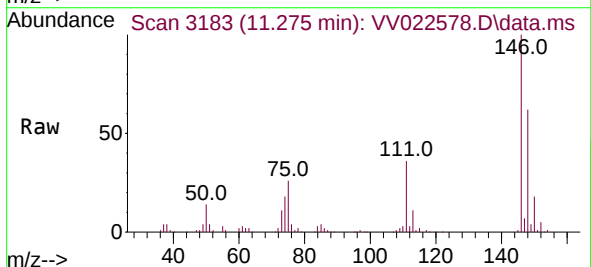
Tgt Ion:146 Resp: 79223

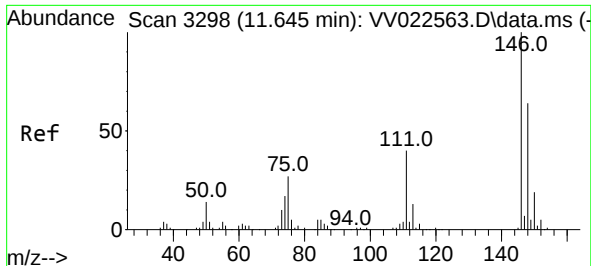
Ion Ratio Lower Upper

146 100

111 36.1 24.5 45.5

148 62.2 45.0 83.6

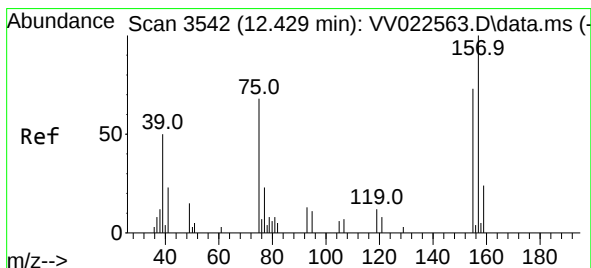
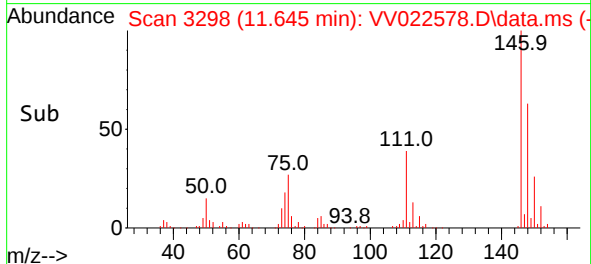
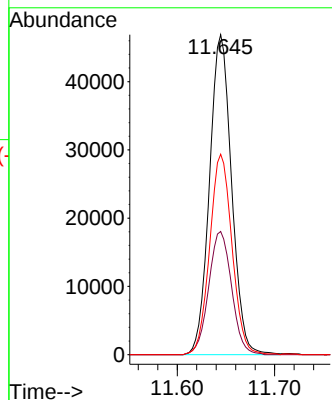
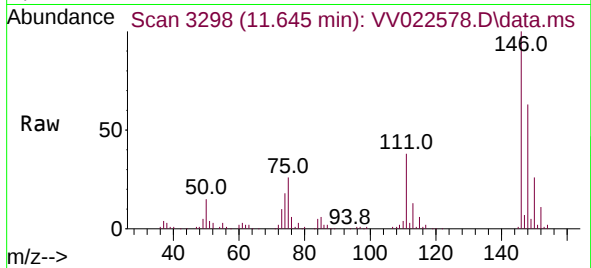




#67
1,2-Dichlorobenzene
Concen: 5.270 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

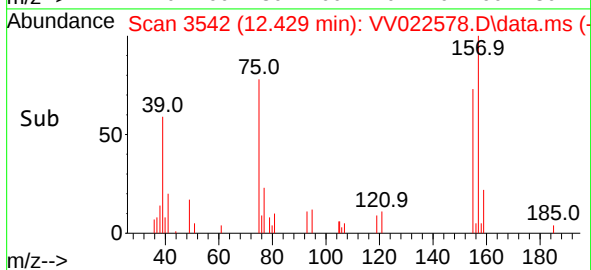
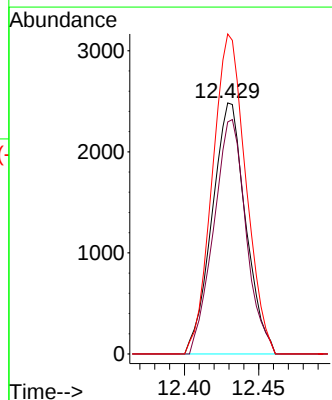
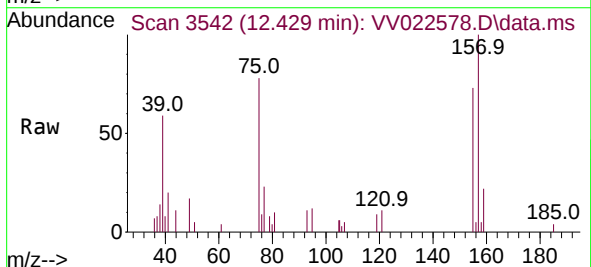
Instrument :
MSVOA_V
ClientSampled :

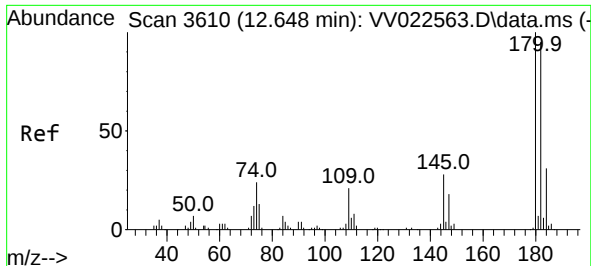
Tgt Ion:146 Resp: 73907
Ion Ratio Lower Upper
146 100
111 38.5 31.6 47.4
148 62.6 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.043 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion: 75 Resp: 3908
Ion Ratio Lower Upper
75 100
155 92.5 77.4 116.2
157 127.5 104.7 157.1

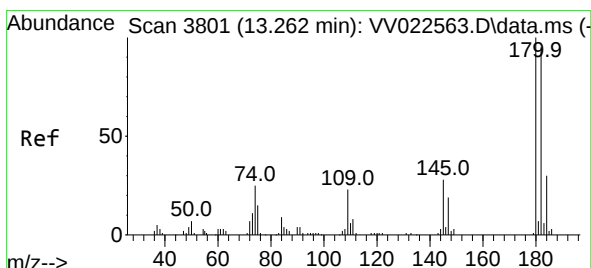
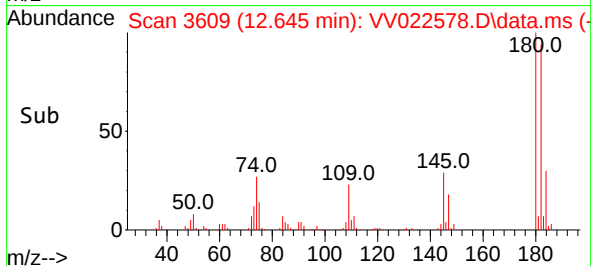
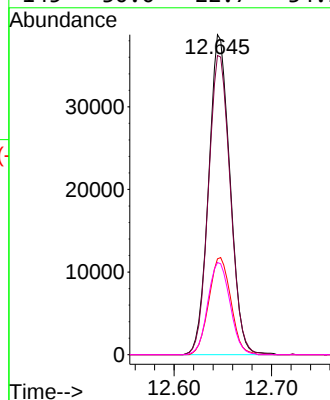
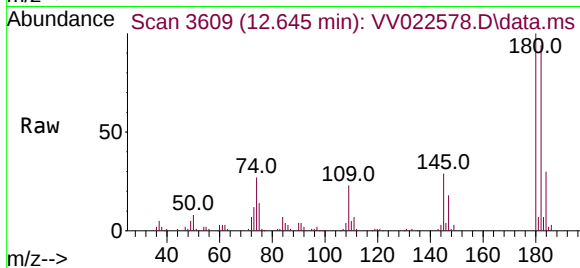




#69
1,3,5-Trichlorobenzene
Concen: 5.229 ug/L
RT: 12.645 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

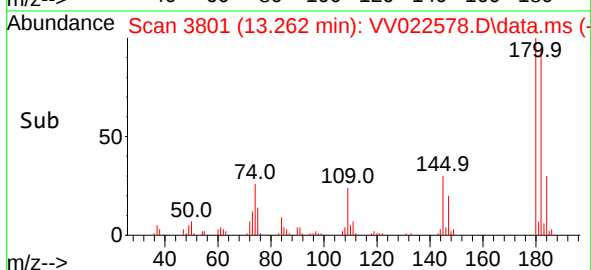
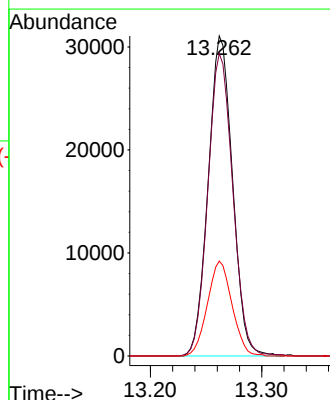
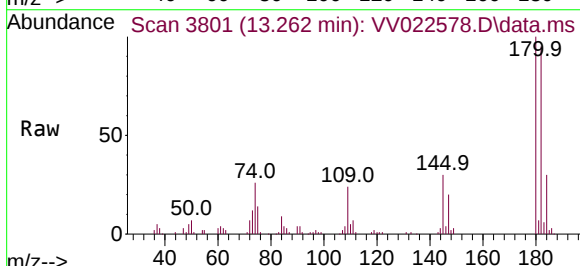
Instrument :
MSVOA_V
ClientSampleId :

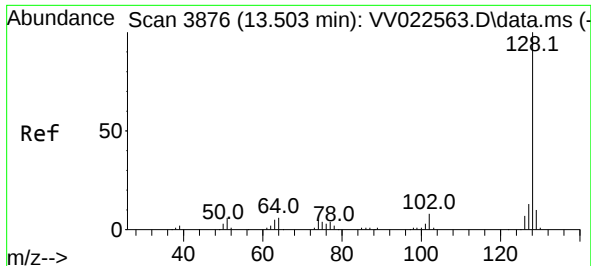
Tgt Ion:180	Resp:	58924
Ion Ratio	Lower	Upper
180	100	
182	95.8	77.0 115.6
184	31.3	25.0 37.6
145	30.0	22.7 34.1



#70
1,2,4-trichlorobenzene
Concen: 5.207 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion:180	Resp:	47090
Ion Ratio	Lower	Upper
180	100	
182	96.6	77.1 115.7
145	29.9	22.8 34.2

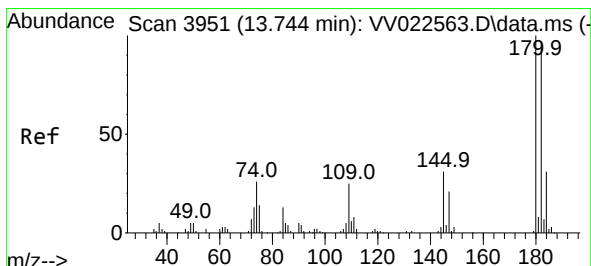
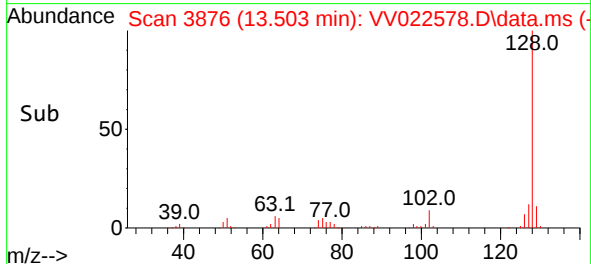
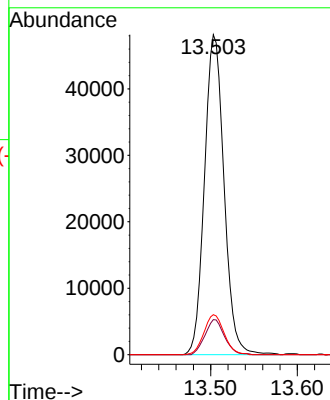
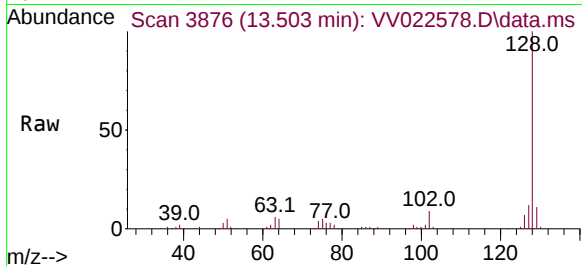




#71
Naphthalene
Concen: 5.090 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 75425
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.439 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022578.D
Acq: 05 Oct 2021 16:15

Tgt Ion:180 Resp: 45202
Ion Ratio Lower Upper
180 100
182 91.8 75.4 113.0
145 29.7 24.4 36.6

