

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV021995.D
 Acq On : 30 Aug 2021 11:26
 Operator : SY/MD
 Sample : M3573-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESQK5MS

Quant Time: Aug 31 02:36:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 02:34:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	347298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	336523	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	181031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110206	45.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.640%
7) Chloroethane-d5	1.561	69	90708	48.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.108	63	190033	47.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.560%
21) 2-Butanone-d5	3.873	46	176316	106.894	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.890%
24) Chloroform-d	4.349	84	217451	49.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
26) 1,2-Dichloroethane-d4	5.034	65	131571	50.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.880%
32) Benzene-d6	5.050	84	446151	48.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	6.072	67	141426	49.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.540%
41) Toluene-d8	7.317	98	421137	48.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.760%
43) trans-1,3-Dichloroprop...	7.625	79	65518	47.954	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.900%
47) 2-Hexanone-d5	8.088	63	123699	112.309	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.310%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	199061	54.146	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.300%
66) 1,2-Dichlorobenzene-d4	11.628	152	172523	48.477	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	110295	46.201	ug/L	98
3) Chloromethane	1.240	50	120934	47.841	ug/L	99
5) Vinyl chloride	1.307	62	126022	49.462	ug/L	100
6) Bromomethane	1.513	94	78075	50.968	ug/L	98
8) Chloroethane	1.580	64	79878	50.115	ug/L	99
9) Trichlorofluoromethane	1.751	101	181163	49.931	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	99707	46.852	ug/L	99
12) 1,1-Dichloroethene	2.114	96	100266	50.051	ug/L	95
13) Acetone	2.159	43	105158	76.090	ug/L #	74
14) Carbon disulfide	2.291	76	298693	49.414	ug/L	100
15) Methyl Acetate	2.426	43	139744	51.923	ug/L	100
16) Methylene chloride	2.503	84	135087	50.331	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	121886	50.321	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	390587	50.745	ug/L	99
19) 1,1-Dichloroethane	3.191	63	220637	51.144	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	137240	50.907	ug/L	99
22) 2-Butanone	3.960	43	185286	95.378	ug/L	99
23) Bromochloromethane	4.246	128	73303	51.057	ug/L	98
25) Chloroform	4.378	83	235575	51.585	ug/L	99

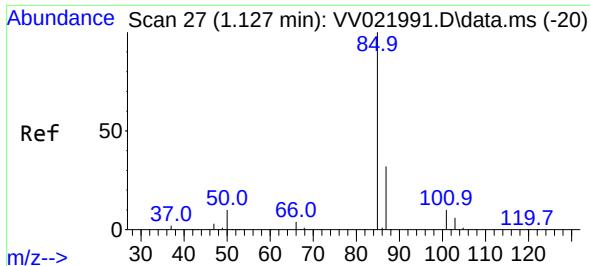
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	161519	52.764	ug/L	98
29) Cyclohexane	4.677	56	176714	46.975	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	199466	49.872	ug/L	99
31) Carbon tetrachloride	4.828	117	168541	49.048	ug/L	99
33) Benzene	5.101	78	492334	50.285	ug/L	100
34) Trichloroethene	5.915	95	129853	46.822	ug/L	99
35) Methylcyclohexane	6.133	83	177524	43.786	ug/L	99
37) 1,2-Dichloropropane	6.175	63	128213	50.518	ug/L	99
38) Bromodichloromethane	6.513	83	167630	51.648	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	188581	48.127	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	367006	106.665	ug/L	99
42) Toluene	7.391	91	527771	49.944	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	187393	51.384	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	131558	50.945	ug/L	99
46) Tetrachloroethene	7.979	164	101967	47.284	ug/L	98
48) 2-Hexanone	8.140	43	276730	103.658	ug/L	99
49) Dibromochloromethane	8.249	129	143080	51.762	ug/L	100
50) 1,2-Dibromoethane	8.355	107	144677	52.202	ug/L	99
51) Chlorobenzene	8.882	112	349381	49.176	ug/L	99
52) Ethylbenzene	9.014	91	566868	49.555	ug/L	99
53) m,p-Xylene	9.140	106	216946	48.794	ug/L	98
54) o-Xylene	9.545	106	218293	49.620	ug/L	99
55) Styrene	9.564	104	383293	51.053	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	213197	56.981	ug/L	99
59) Bromoform	9.735	173	102244	53.176	ug/L	100
60) Isopropylbenzene	9.934	105	574494	50.504	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	164501	52.430	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	475625	49.805	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	486973	50.169	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	284646	49.285	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	285248	48.266	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	289254	50.440	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	42299	55.939	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	201216	46.593	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	180558	47.528	ug/L	100
71) Naphthalene	13.503	128	568465	52.018	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	183909	49.632	ug/L	99

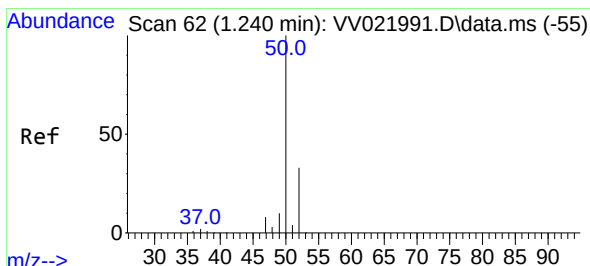
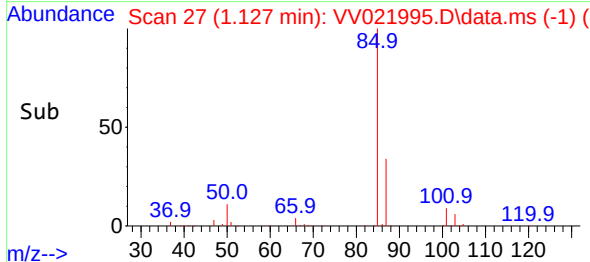
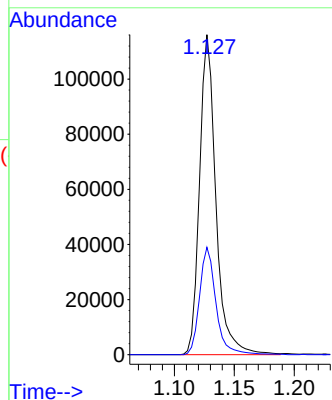
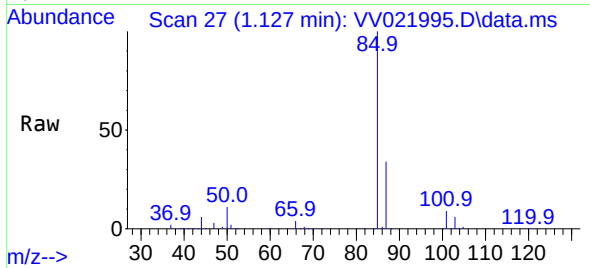
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 46.201 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021995.D
 Acq: 30 Aug 2021 11:26

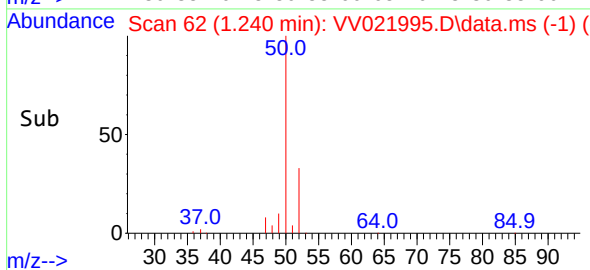
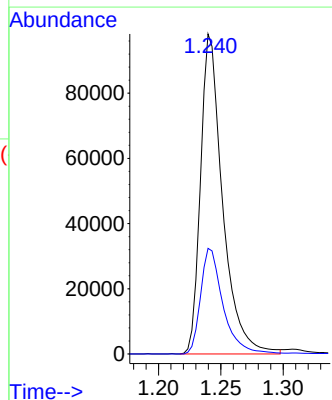
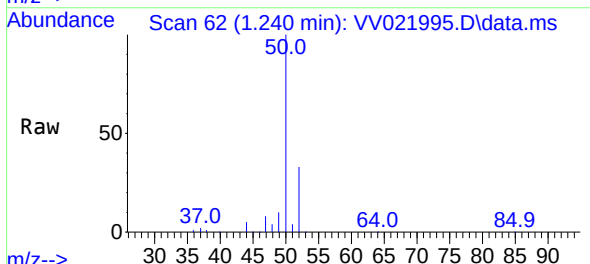
Instrument :
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 ClientSampleId :
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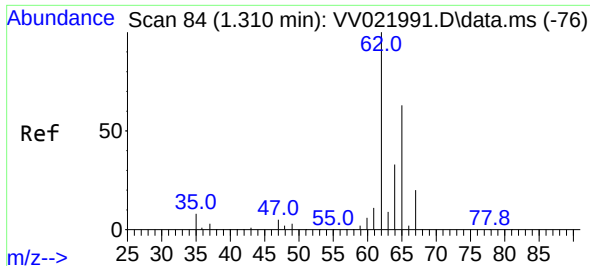
Tgt Ion: 85 Resp: 110295
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.0 39.0



#3
 Chloromethane
 Concen: 47.841 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021995.D
 Acq: 30 Aug 2021 11:26

Tgt Ion: 50 Resp: 120934
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.9

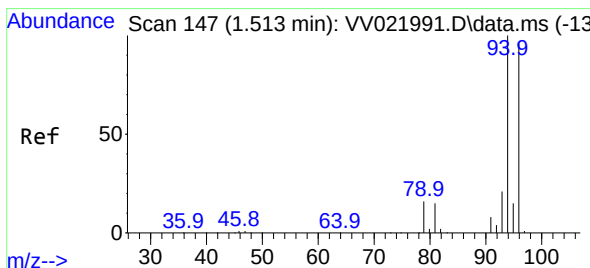
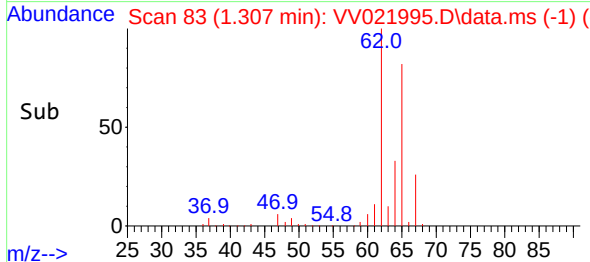
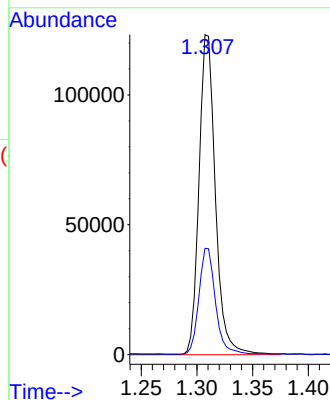
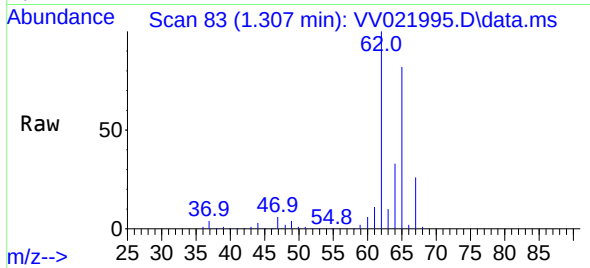




#5
 Vinyl chloride
 Concen: 49.462 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021995.D
 Acq: 30 Aug 2021 11:26

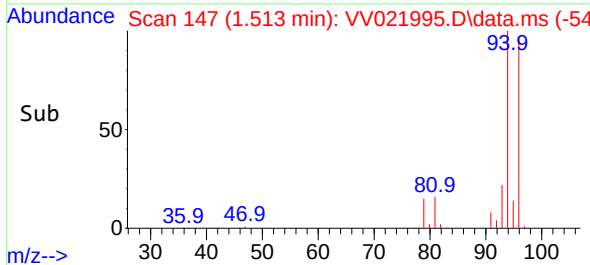
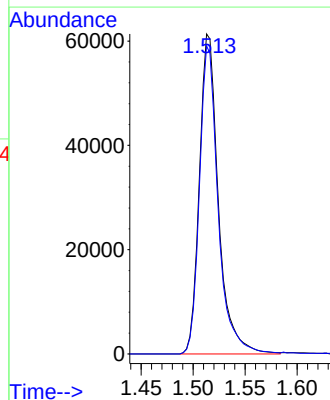
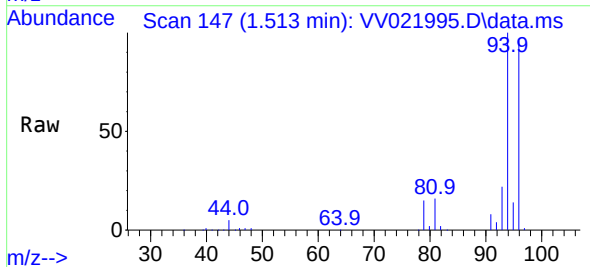
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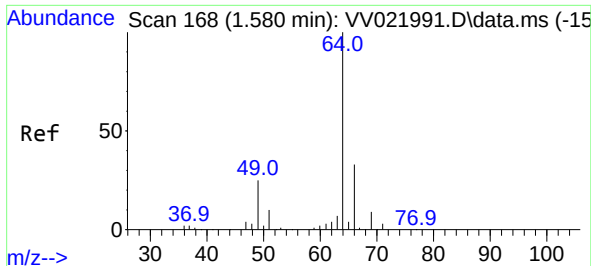
Tgt Ion: 62 Resp: 126022
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.6



#6
 Bromomethane
 Concen: 50.968 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV021995.D
 Acq: 30 Aug 2021 11:26

Tgt Ion: 94 Resp: 78075
 Ion Ratio Lower Upper
 94 100
 96 96.3 65.8 122.2

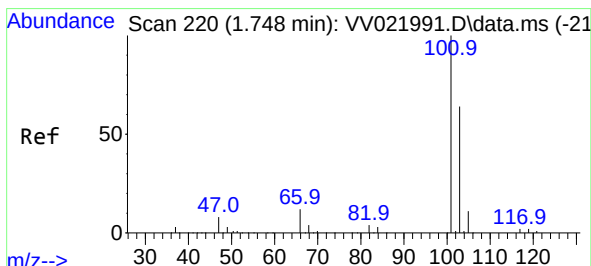
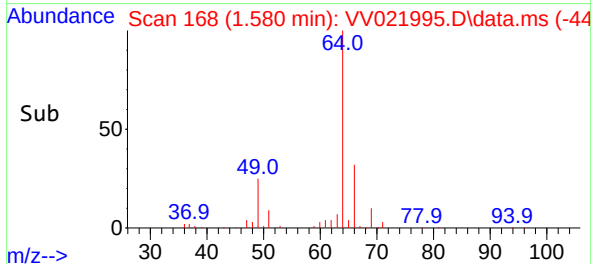
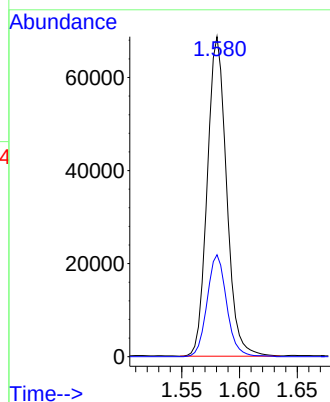
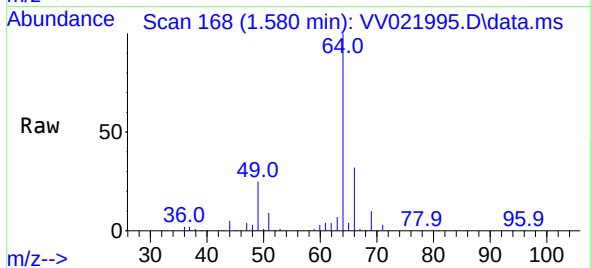




#8
Chloroethane
Concen: 50.115 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

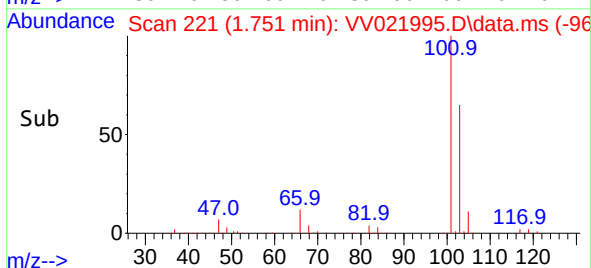
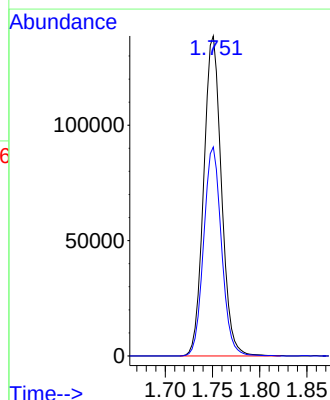
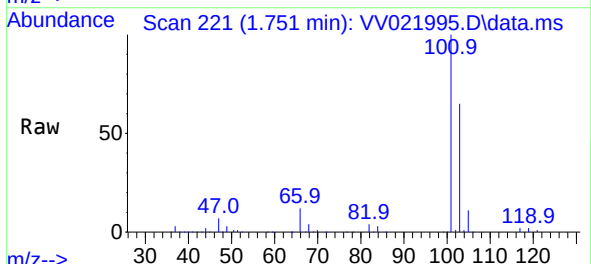
Instrument :
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ClientSampleId :
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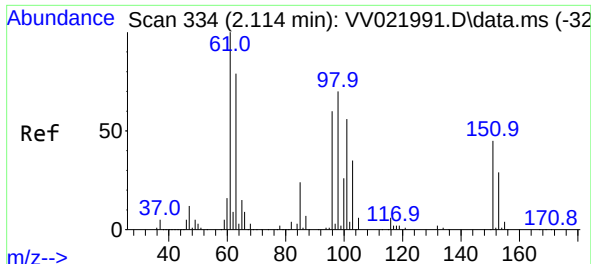
Tgt Ion: 64 Resp: 79878
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 49.931 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion:101 Resp: 181163
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

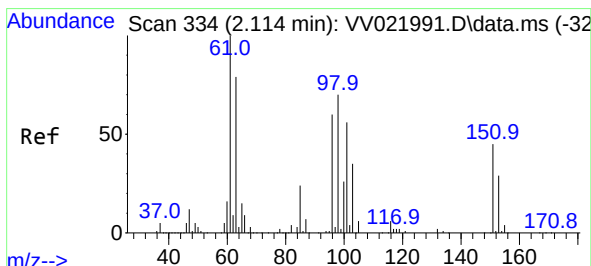
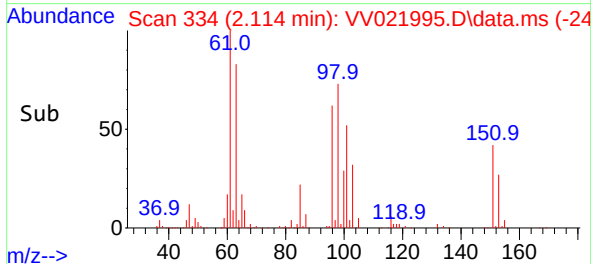
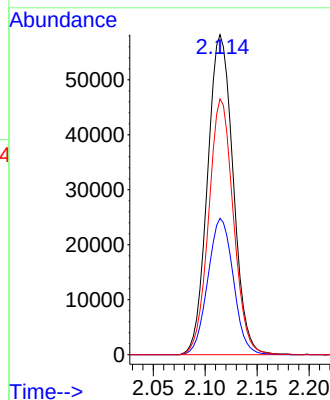
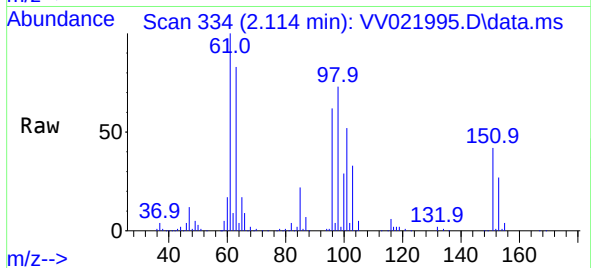




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.852 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

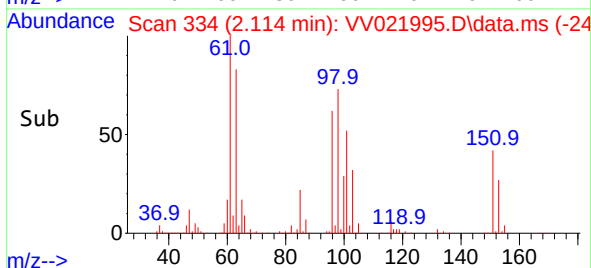
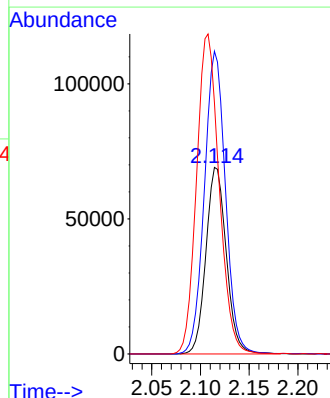
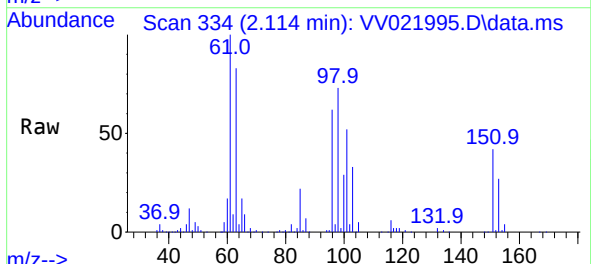
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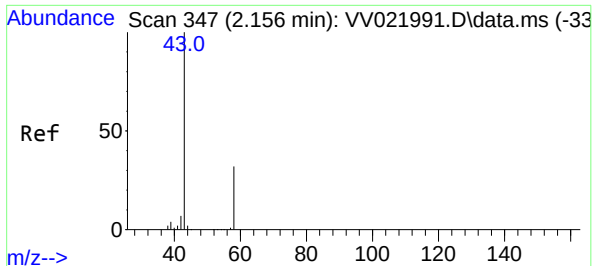
Tgt Ion:101 Resp: 99707
Ion Ratio Lower Upper
101 100
85 42.5 33.4 50.0
151 77.3 61.7 92.5



#12
1,1-Dichloroethene
Concen: 50.051 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 96 Resp: 100266
Ion Ratio Lower Upper
96 100
61 162.3 113.2 210.2
63 134.8 102.3 189.9

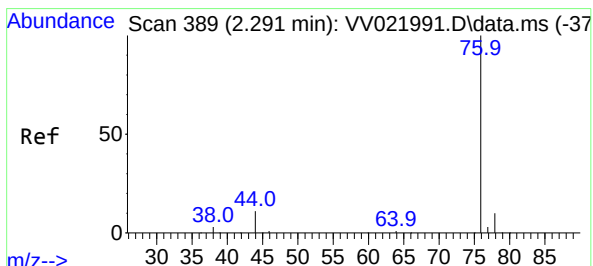
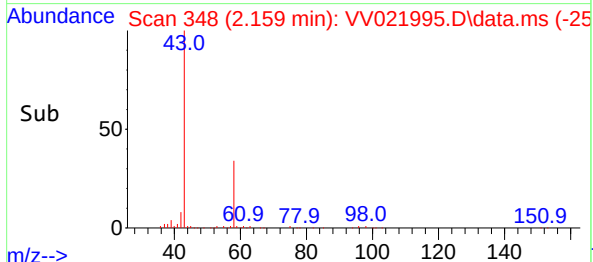
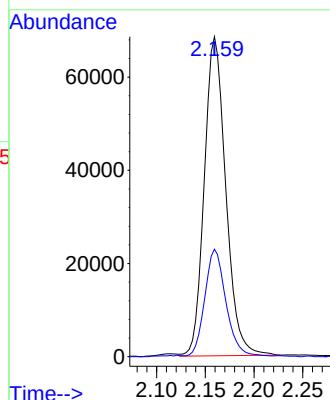
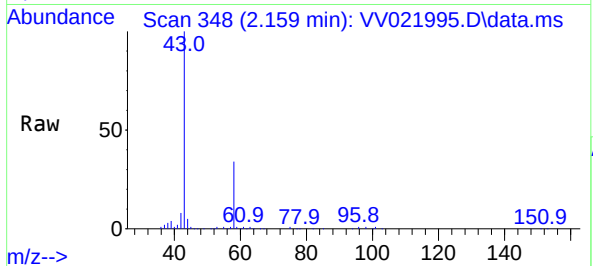




#13
Acetone
Concen: 76.090 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

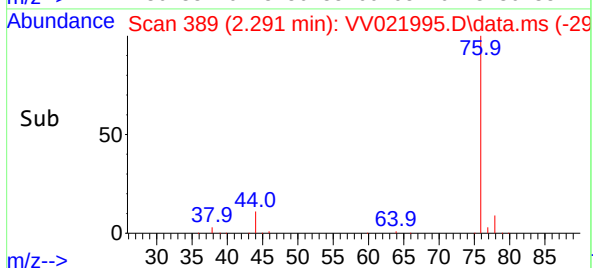
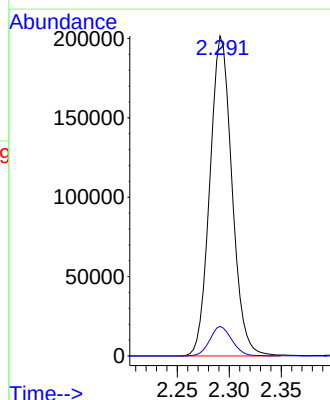
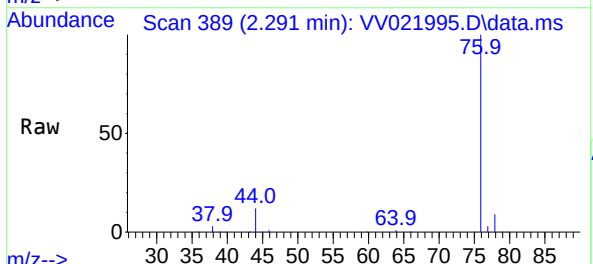
Instrument :
MSVOA_V
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ESQK5MS

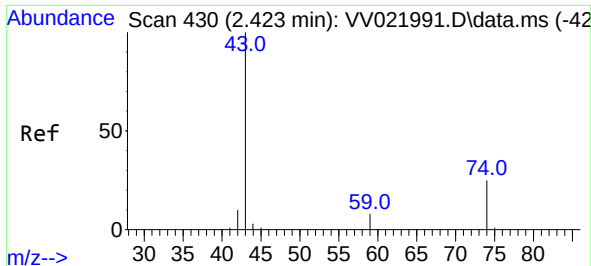
Tgt Ion: 43 Resp: 105158
Ion Ratio Lower Upper
43 100
58 33.3 0.0 0.4#



#14
Carbon disulfide
Concen: 49.414 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 76 Resp: 298693
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

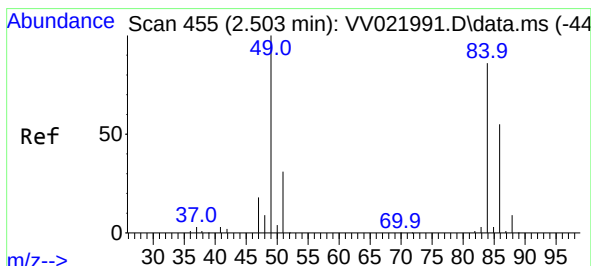
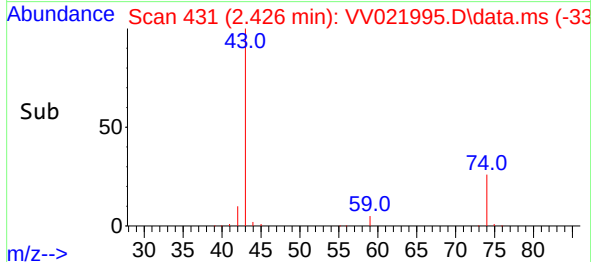
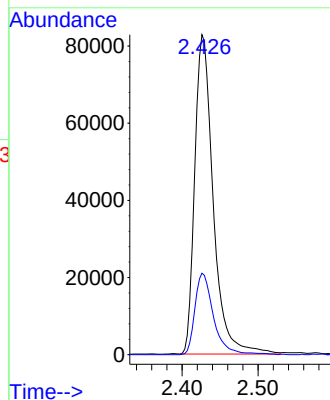
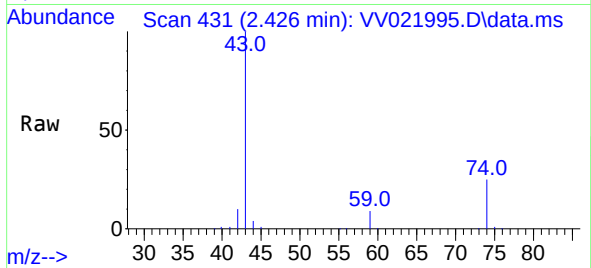




#15
Methyl Acetate
Concen: 51.923 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

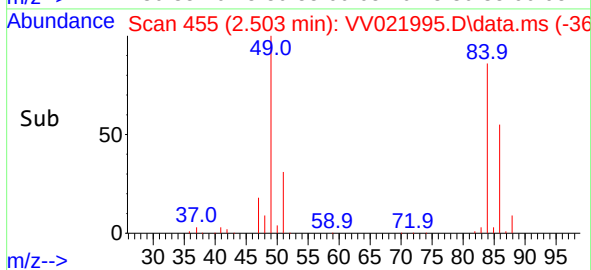
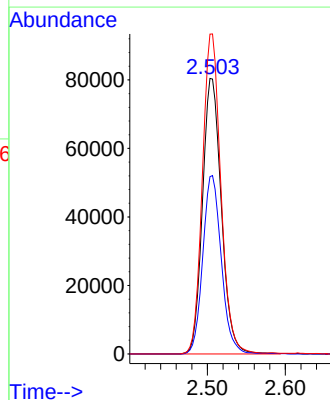
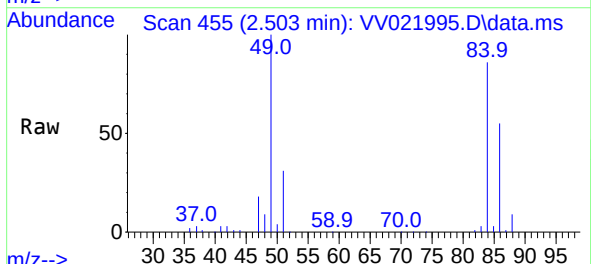
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

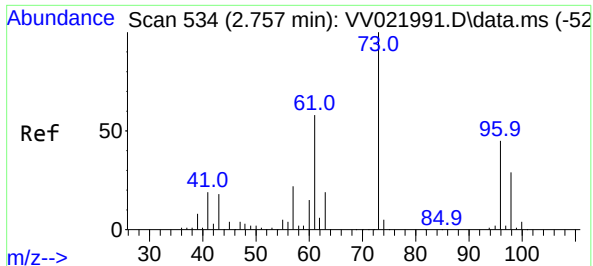
Tgt Ion: 43 Resp: 139744
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2



#16
Methylene chloride
Concen: 50.331 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 84 Resp: 135087
Ion Ratio Lower Upper
84 100
86 64.4 44.8 83.2
49 116.1 80.2 149.0

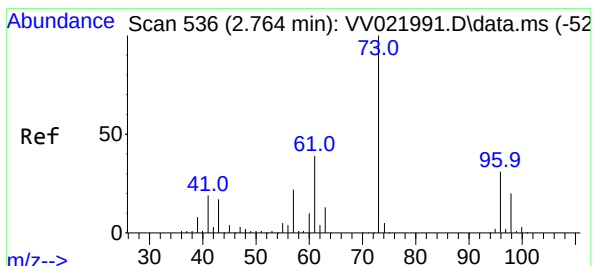
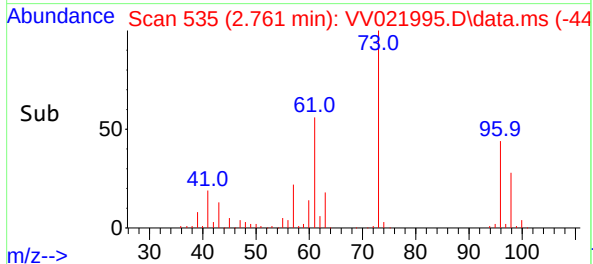
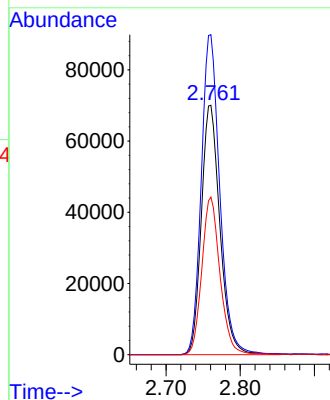
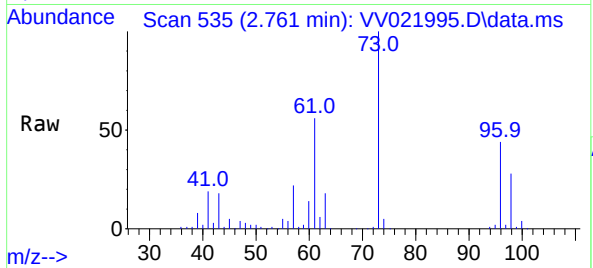




#17
trans-1,2-Dichloroethene
Concen: 50.321 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

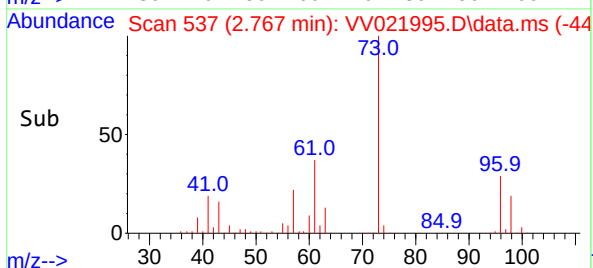
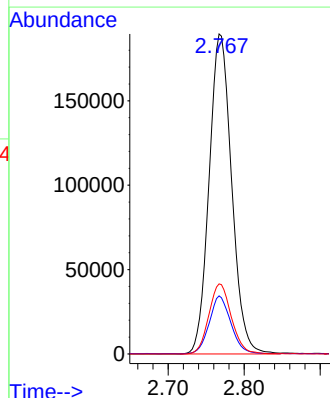
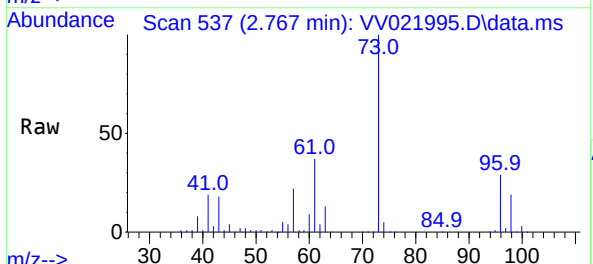
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

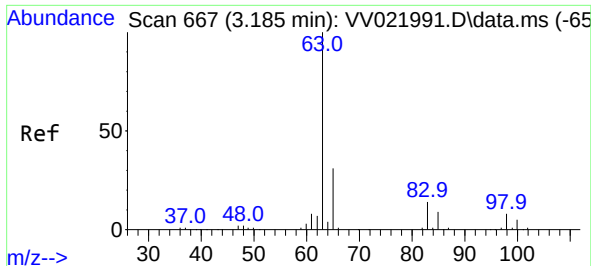
Tgt Ion: 96 Resp: 121886
Ion Ratio Lower Upper
96 100
61 128.3 89.1 165.5
98 63.2 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 50.745 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 73 Resp: 390587
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 51.144 ug/L

RT: 3.191 min Scan# 669

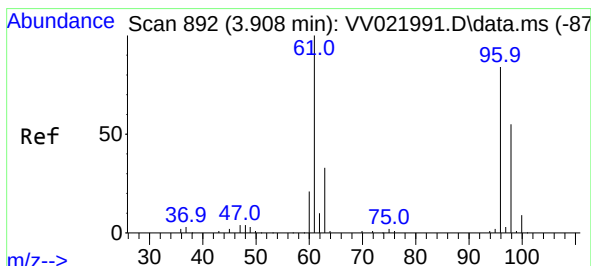
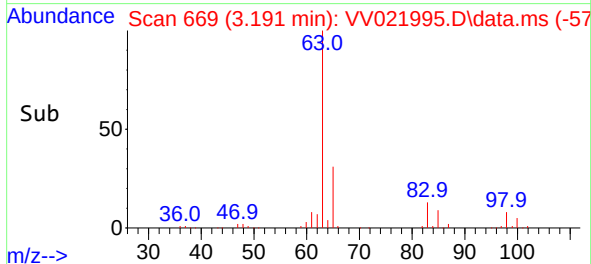
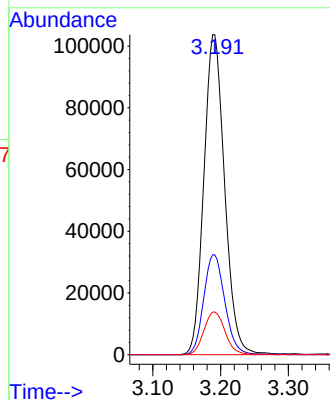
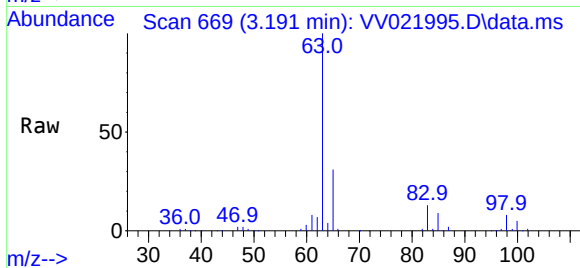
Delta R.T. 0.006 min

Lab File: VV021995.D

Acq: 30 Aug 2021 11:26

Tgt Ion: 63 Resp: 220637

Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.2	41.2
83	13.3	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 50.907 ug/L

RT: 3.912 min Scan# 893

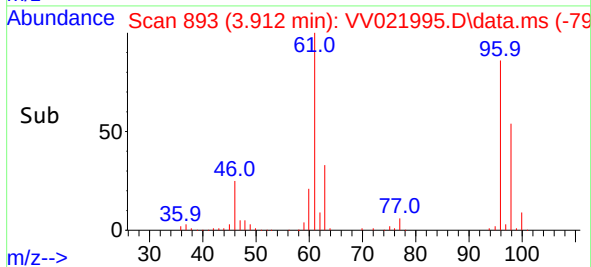
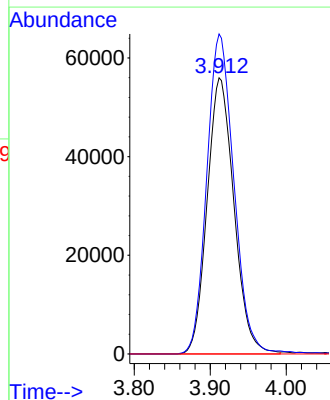
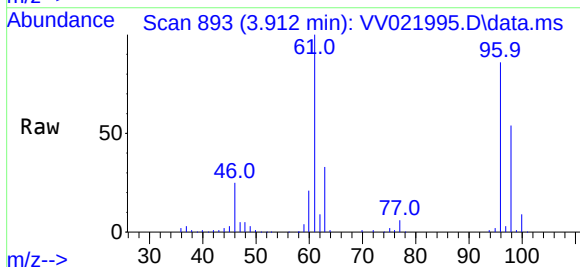
Delta R.T. 0.003 min

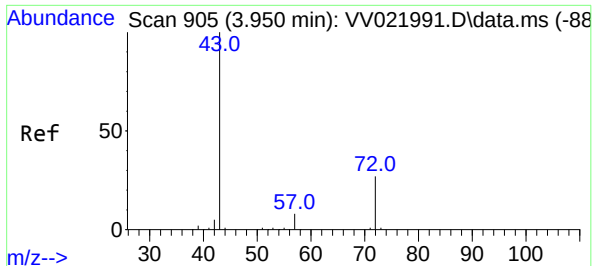
Lab File: VV021995.D

Acq: 30 Aug 2021 11:26

Tgt Ion: 96 Resp: 137240

Ion	Ratio	Lower	Upper
96	100		
61	115.9	81.8	152.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 95.378 ug/L

RT: 3.960 min Scan# 908

Delta R.T. 0.010 min

Lab File: VV021995.D

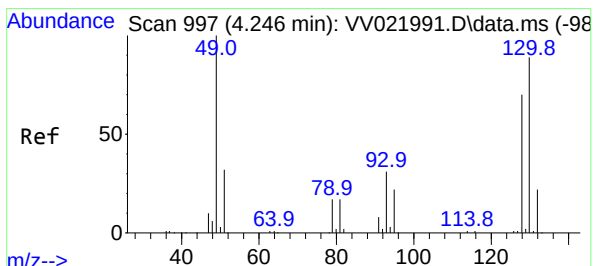
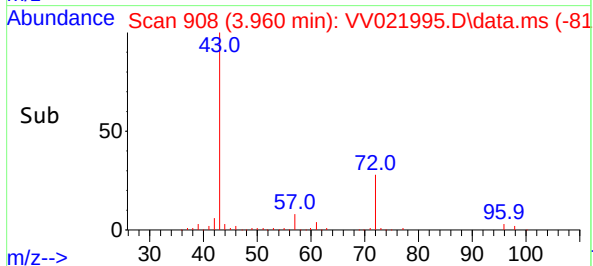
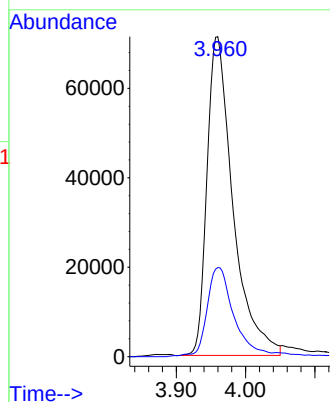
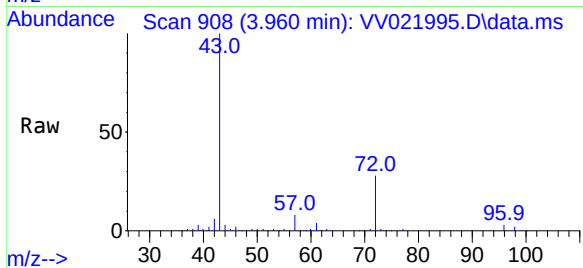
Acq: 30 Aug 2021 11:26

Tgt Ion: 43 Resp: 185286

Ion Ratio Lower Upper

43 100

72 26.8 13.3 39.8



#23

Bromochloromethane

Concen: 51.057 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.000 min

Lab File: VV021995.D

Acq: 30 Aug 2021 11:26

Tgt Ion:128 Resp: 73303

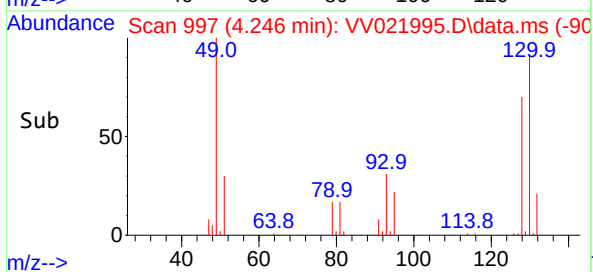
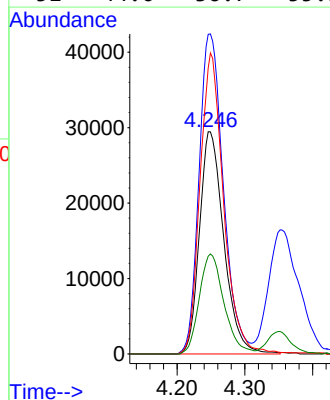
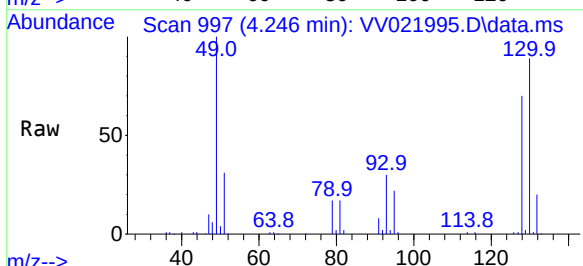
Ion Ratio Lower Upper

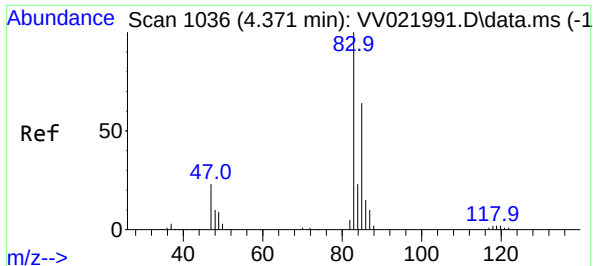
128 100

49 143.8 101.6 188.8

130 128.6 88.5 164.3

51 44.0 36.7 55.1



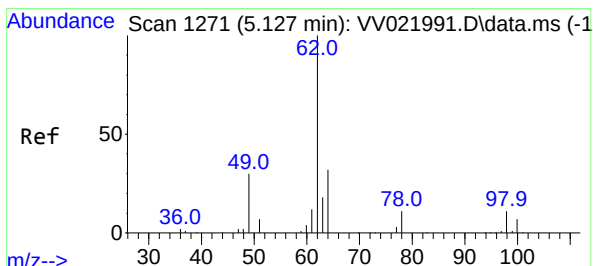
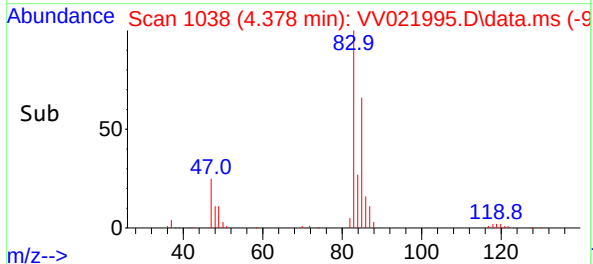
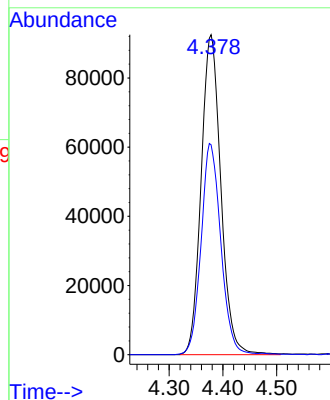
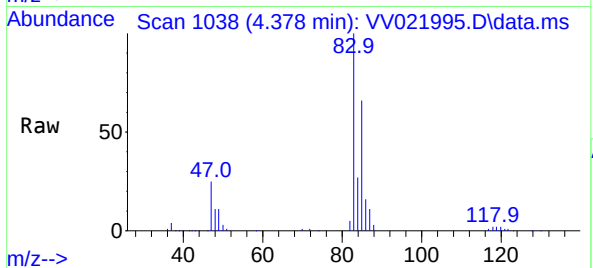


#25

Chloroform
Concen: 51.585 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

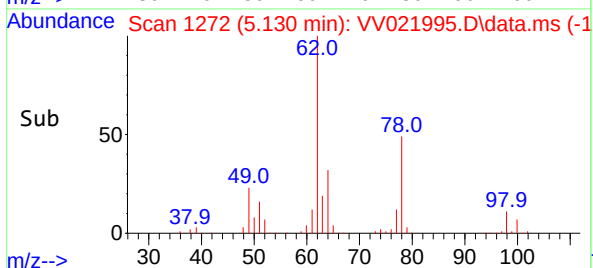
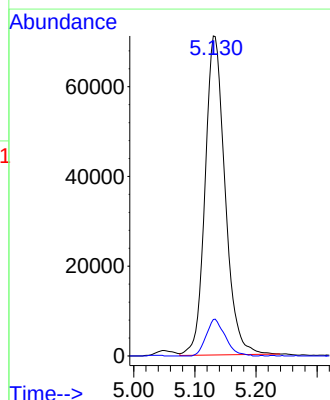
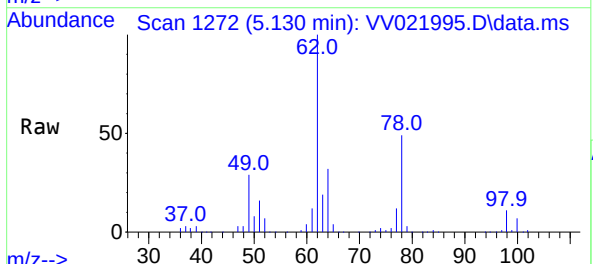
Tgt Ion: 83 Resp: 235575
Ion Ratio Lower Upper
83 100
85 65.6 46.3 85.9

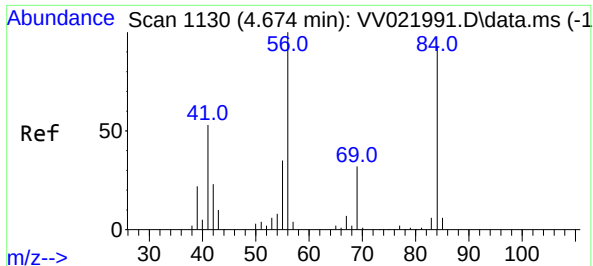


#27

1,2-Dichloroethane
Concen: 52.764 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 62 Resp: 161519
Ion Ratio Lower Upper
62 100
98 11.4 8.5 12.7





#29

Cyclohexane

Concen: 46.975 ug/L

RT: 4.677 min Scan# 1131

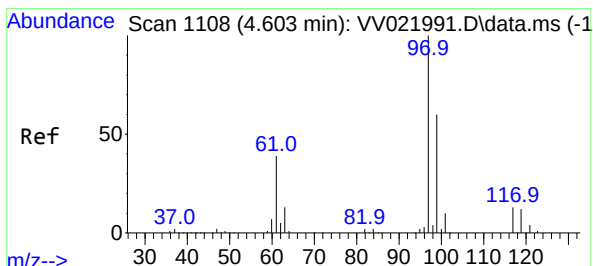
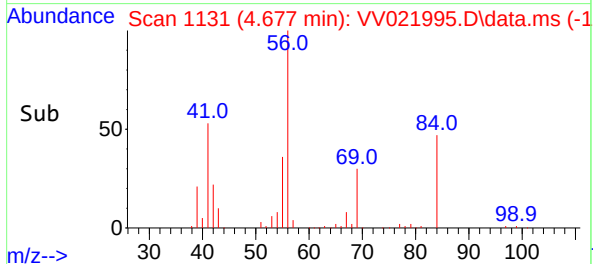
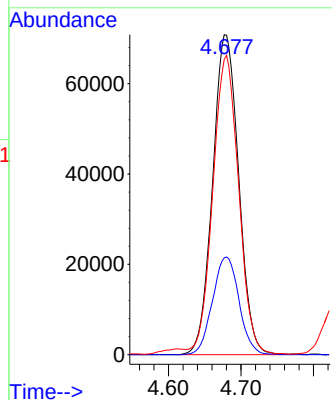
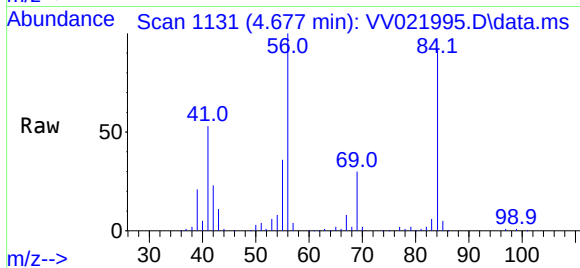
Delta R.T. 0.003 min

Lab File: VV021995.D

Acq: 30 Aug 2021 11:26

Tgt Ion: 56 Resp: 176714

Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.2	37.8
84	92.0	74.6	111.8



#30

1,1,1-Trichloroethane

Concen: 49.872 ug/L

RT: 4.609 min Scan# 1110

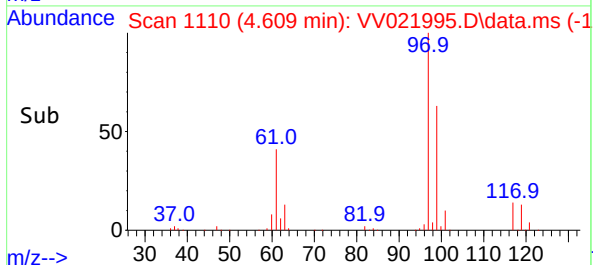
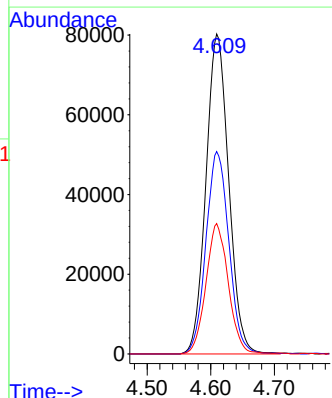
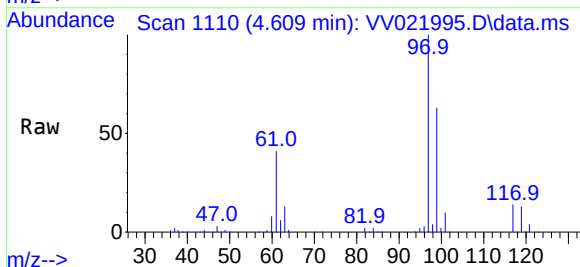
Delta R.T. 0.006 min

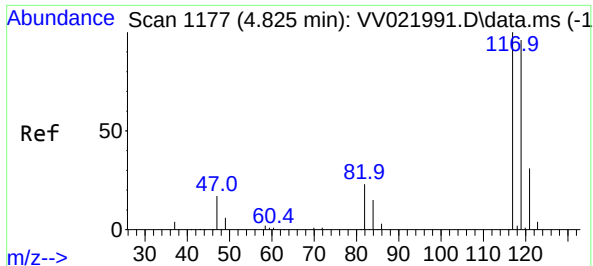
Lab File: VV021995.D

Acq: 30 Aug 2021 11:26

Tgt Ion: 97 Resp: 199466

Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	40.2	31.8	47.8

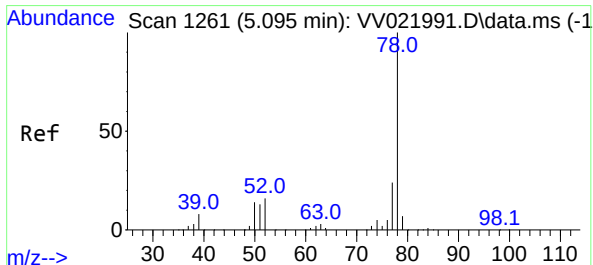
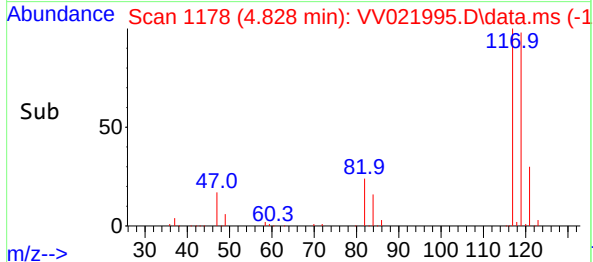
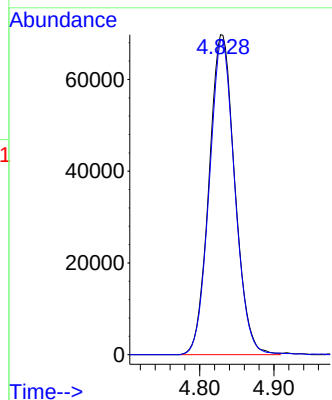
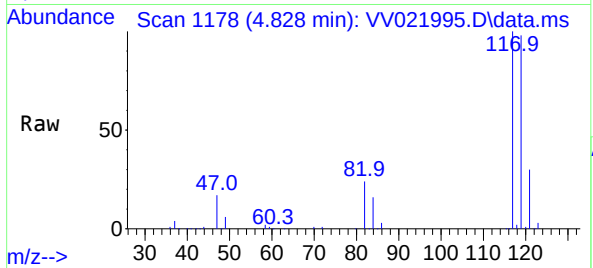




#31
Carbon tetrachloride
Concen: 49.048 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

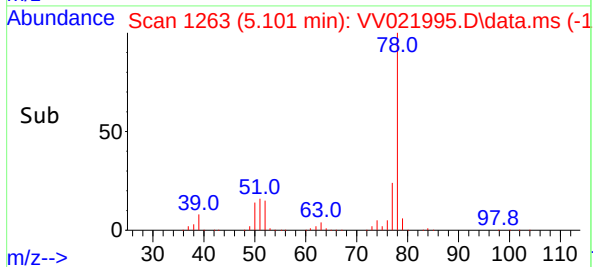
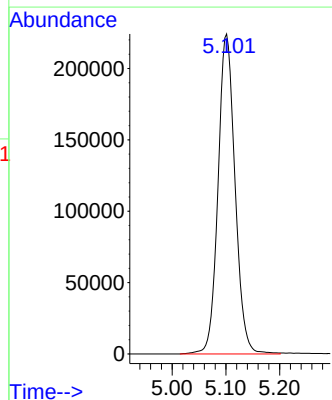
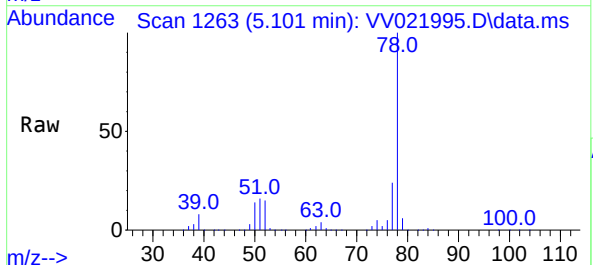
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

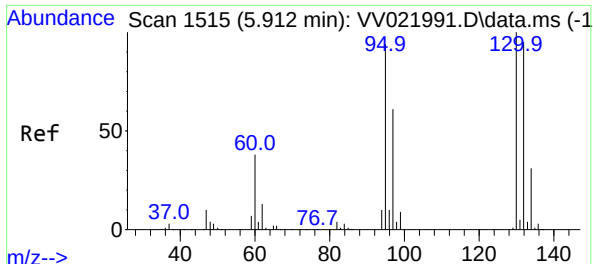
Tgt Ion:117 Resp: 168541
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 50.285 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 78 Resp: 492334





#34

Trichloroethene

Concen: 46.822 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV021995.D

Acq: 30 Aug 2021 11:26

Tgt Ion: 95 Resp: 129853

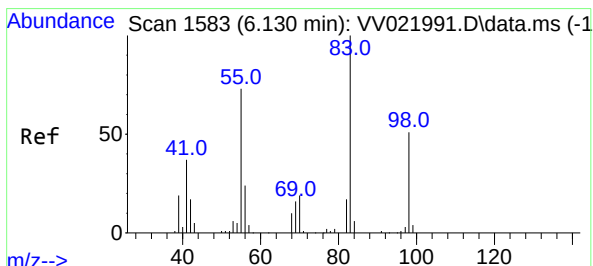
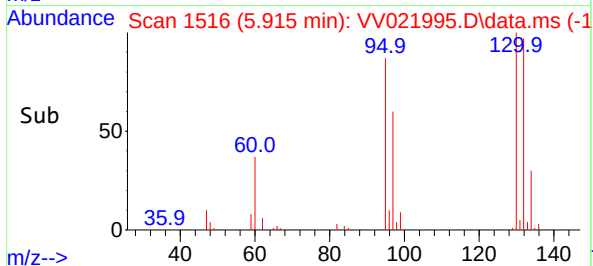
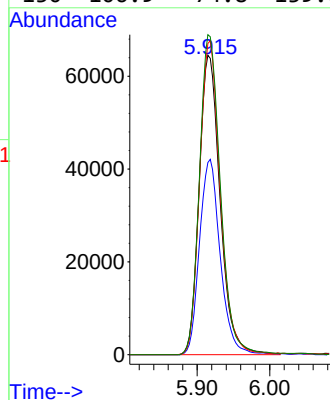
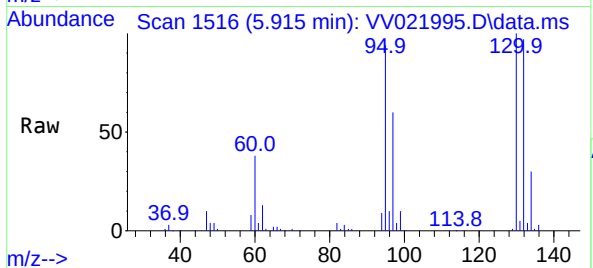
Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 104.0 70.7 131.3

130 106.9 74.8 139.0



#35

Methylcyclohexane

Concen: 43.786 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV021995.D

Acq: 30 Aug 2021 11:26

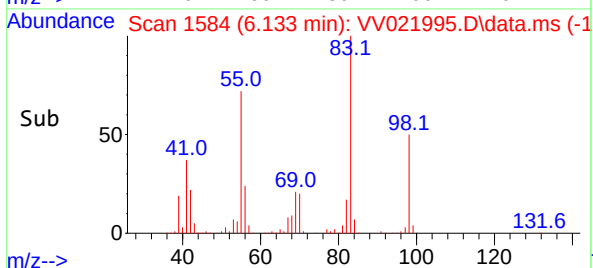
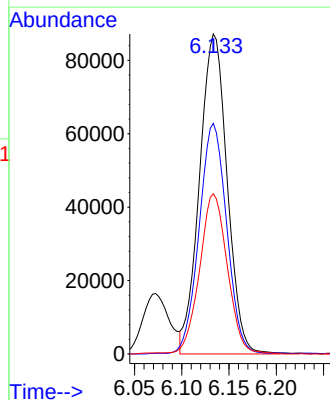
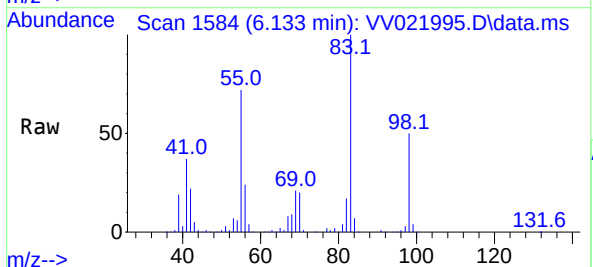
Tgt Ion: 83 Resp: 177524

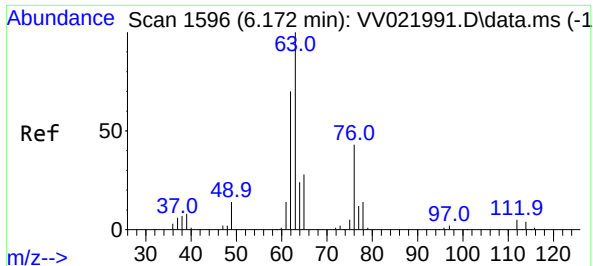
Ion Ratio Lower Upper

83 100

55 71.7 56.8 85.2

98 50.6 39.9 59.9

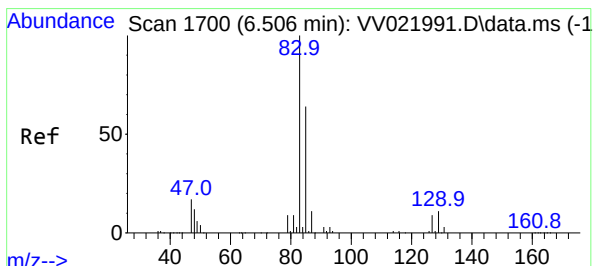
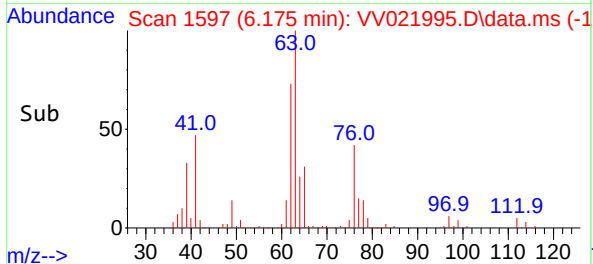
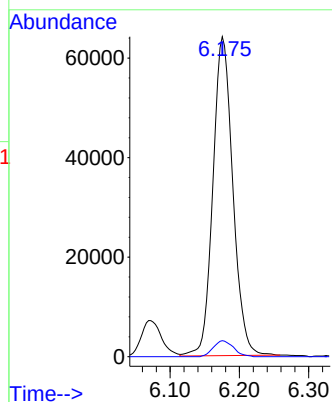
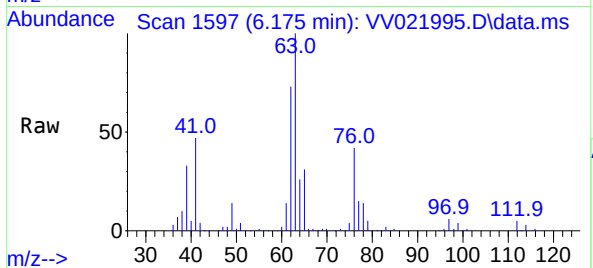




#37
1,2-Dichloropropane
Concen: 50.518 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

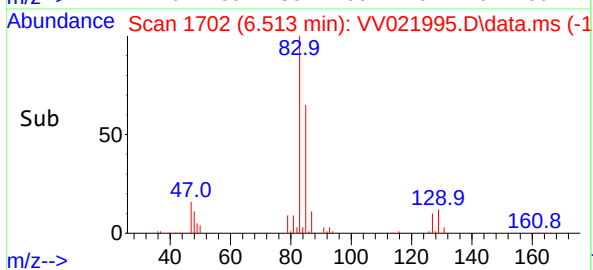
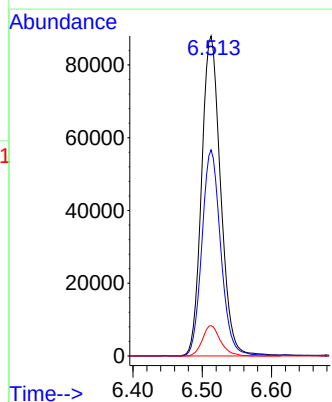
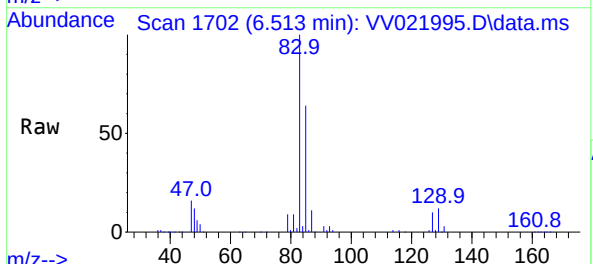
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

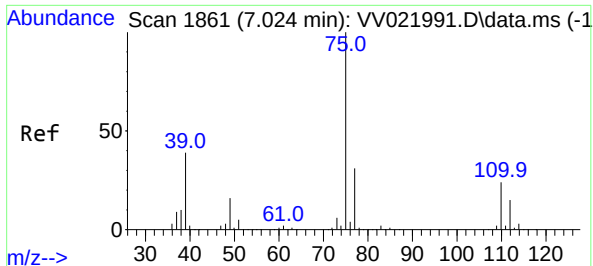
Tgt Ion: 63 Resp: 128213
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6



#38
Bromodichloromethane
Concen: 51.648 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 83 Resp: 167630
Ion Ratio Lower Upper
83 100
85 64.4 44.8 83.2
127 9.5 7.3 10.9



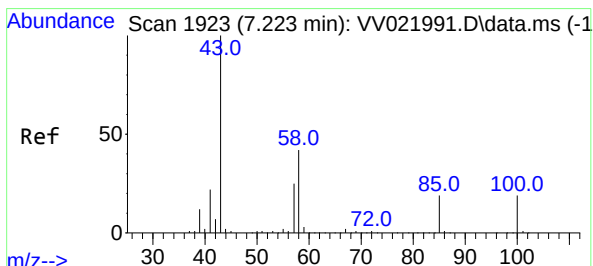
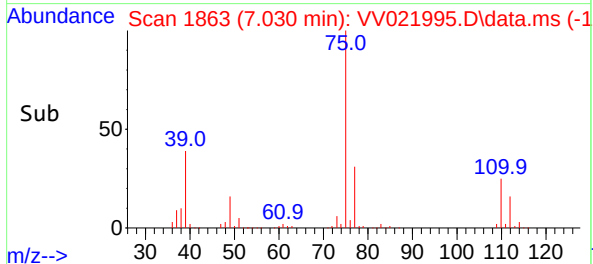
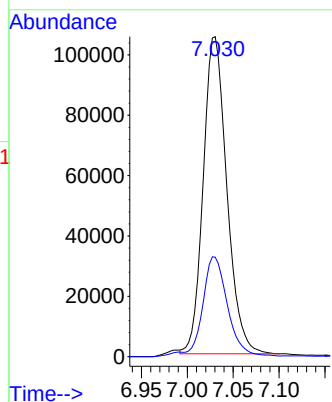
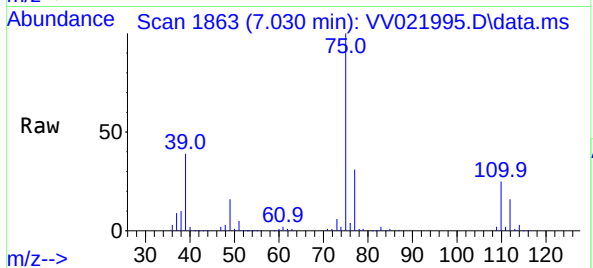


#39

cis-1,3-Dichloropropene
 Concen: 48.127 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.006 min
 Lab File: VV021995.D
 Acq: 30 Aug 2021 11:26

Instrument :
 MSVOA_V
 ClientSampleId :
 ESQK5MS

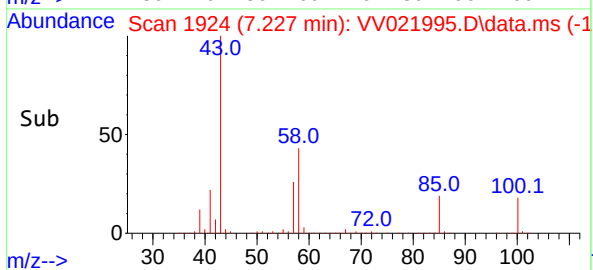
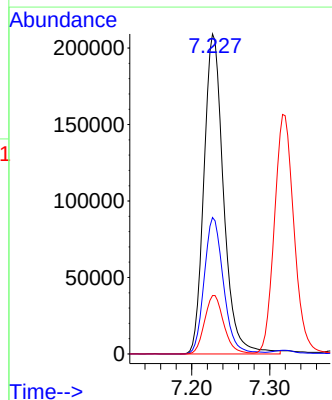
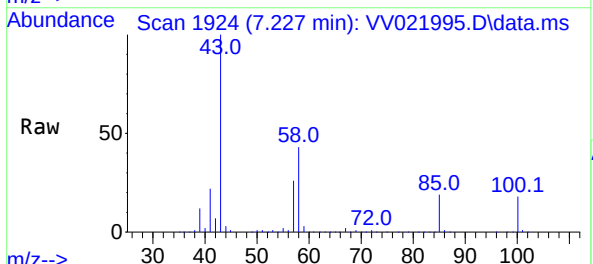
Tgt Ion: 75 Resp: 188581
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.7 42.1

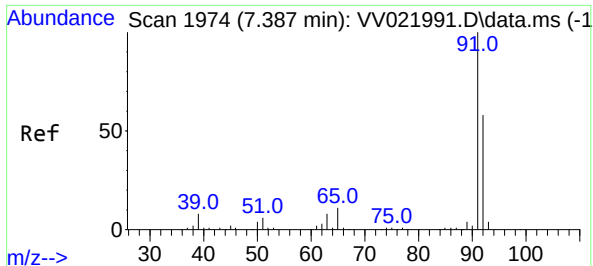


#40

4-Methyl-2-pentanone
 Concen: 106.665 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV021995.D
 Acq: 30 Aug 2021 11:26

Tgt Ion: 43 Resp: 367006
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.3 49.9
 100 17.9 14.5 21.7





#42

Toluene

Concen: 49.944 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV021995.D

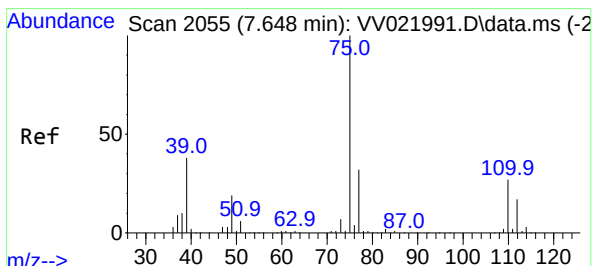
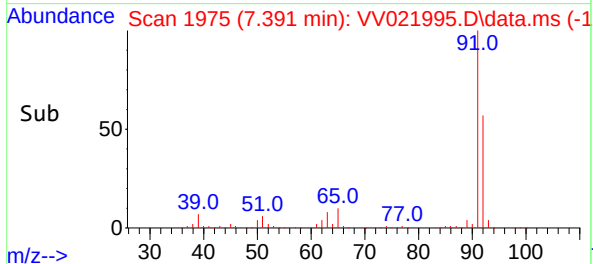
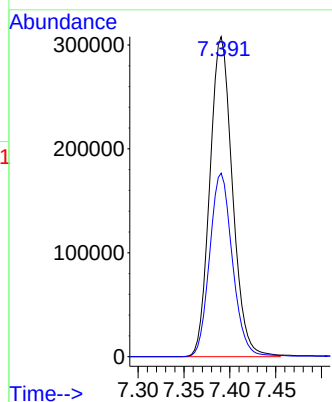
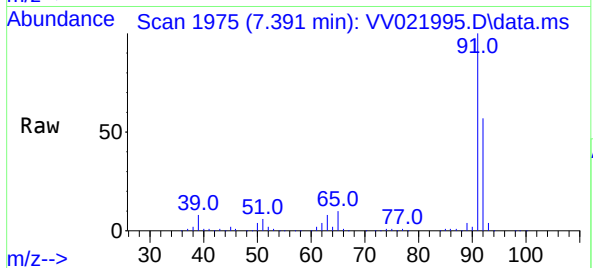
Acq: 30 Aug 2021 11:26

Tgt Ion: 91 Resp: 527771

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 51.384 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV021995.D

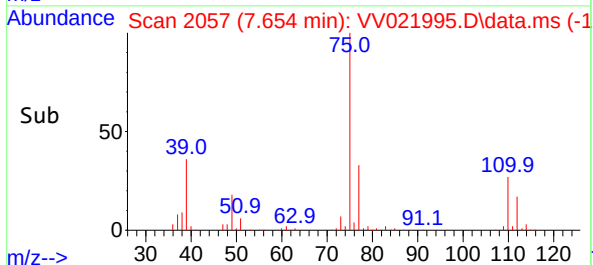
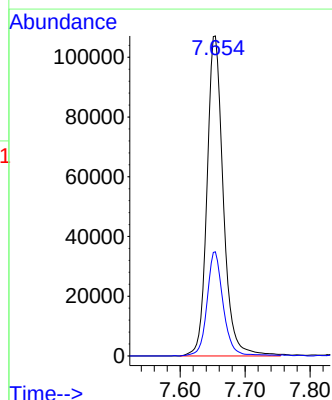
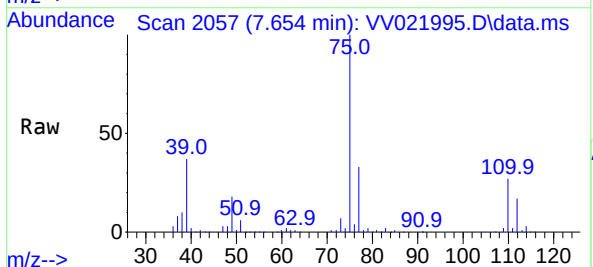
Acq: 30 Aug 2021 11:26

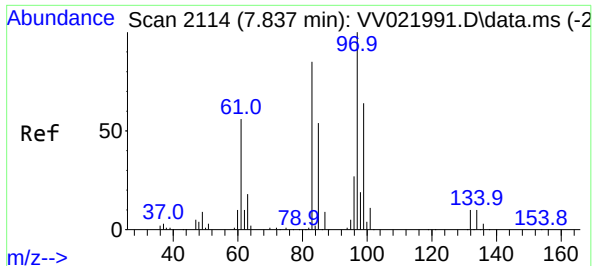
Tgt Ion: 75 Resp: 187393

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6





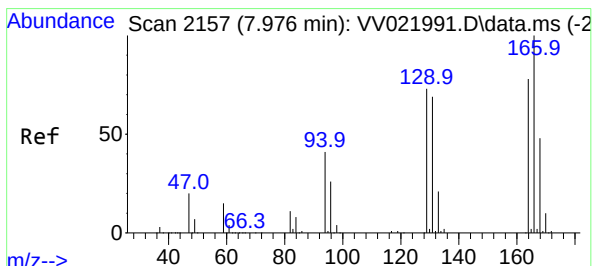
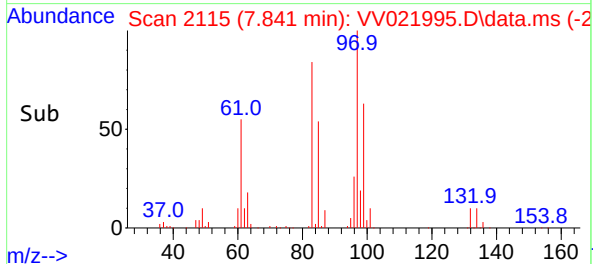
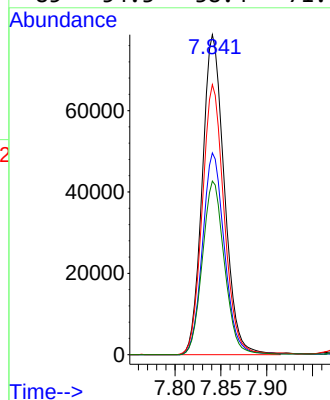
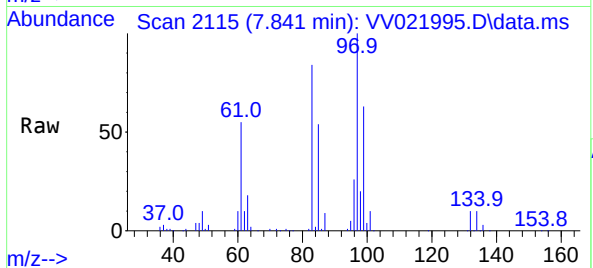
#45

1,1,2-Trichloroethane
Concen: 50.945 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

Tgt Ion: 97 Resp: 131558

Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.8	81.4
83	84.4	58.8	109.2
85	54.3	38.4	71.4

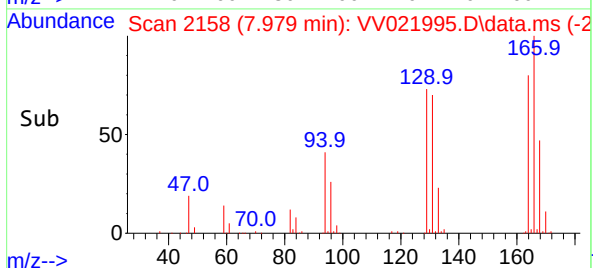
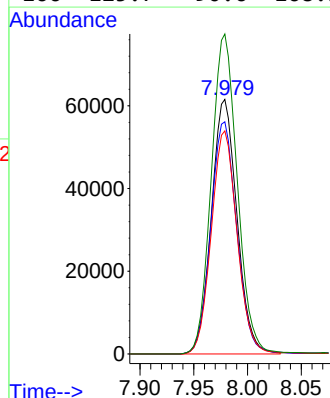
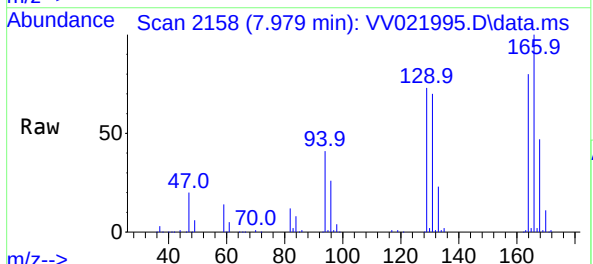


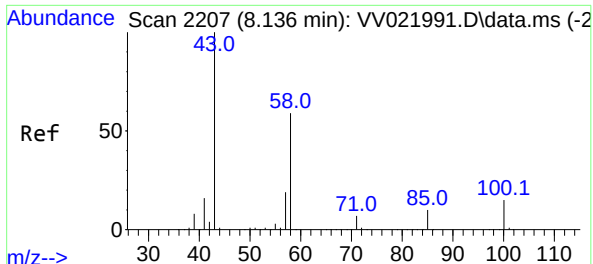
#46

Tetrachloroethene
Concen: 47.284 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 164 Resp: 101967

Ion	Ratio	Lower	Upper
164	100		
129	91.2	62.9	116.9
131	87.6	61.0	113.4
166	125.7	90.6	168.3



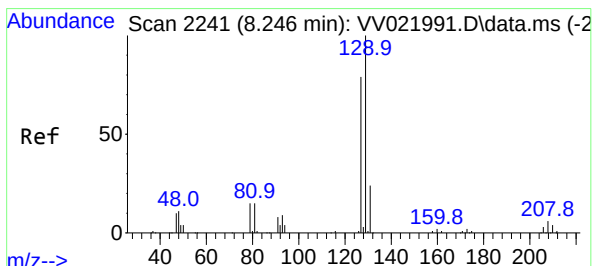
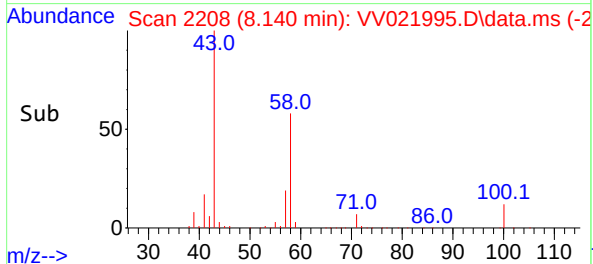
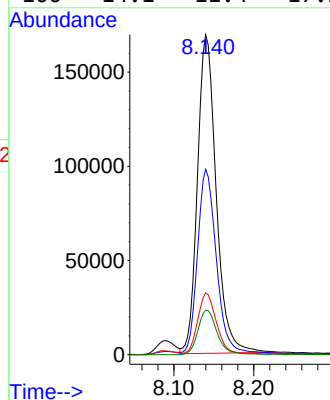
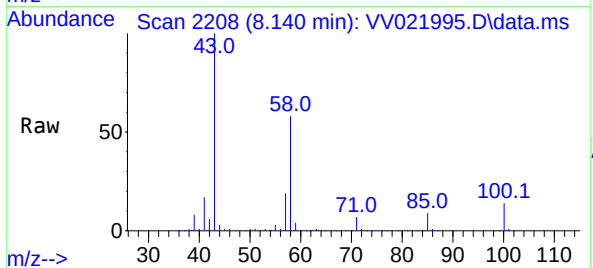


#48
2-Hexanone
Concen: 103.658 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

Tgt Ion: 43 Resp: 276730

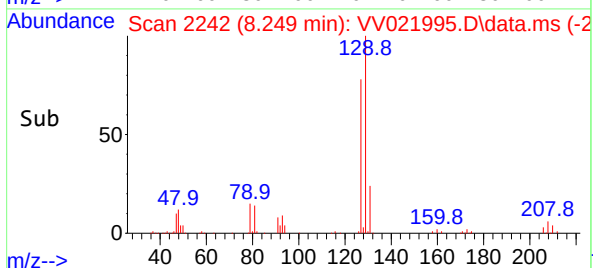
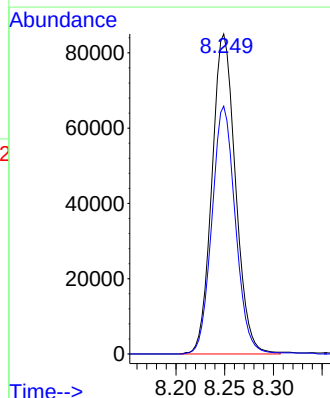
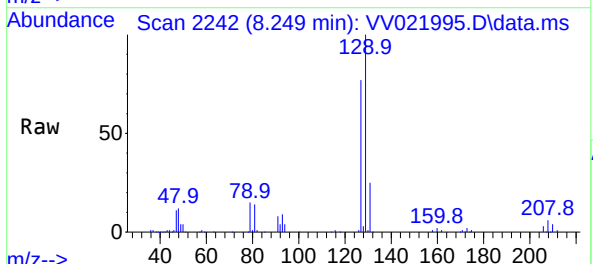
Ion	Ratio	Lower	Upper
43	100		
58	58.5	47.5	71.3
57	18.6	15.9	23.9
100	14.1	11.4	17.2

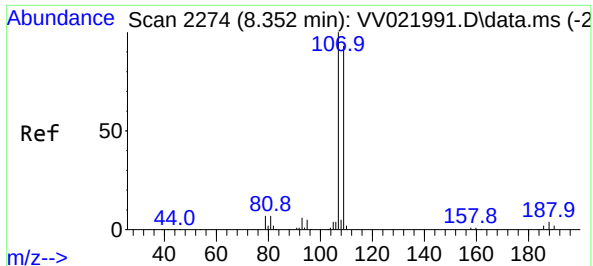


#49
Dibromochloromethane
Concen: 51.762 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 129 Resp: 143080

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.1	100.5

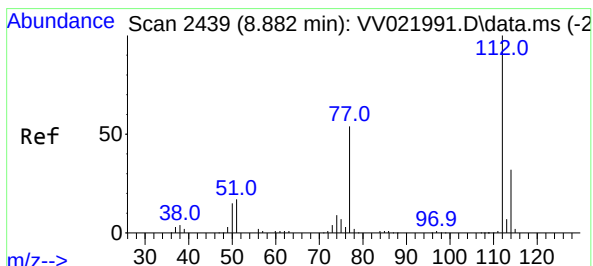
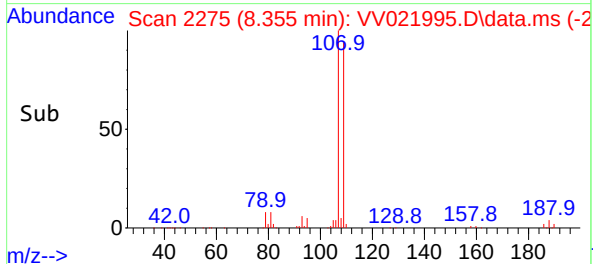
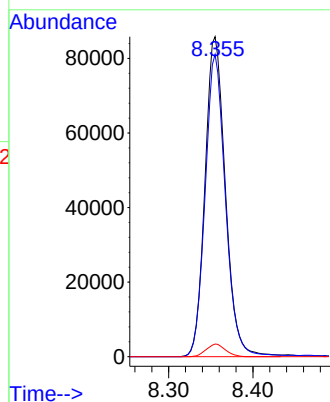
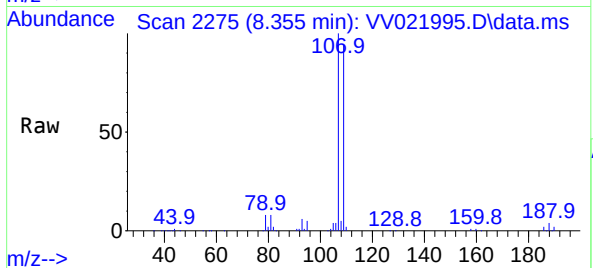




#50
1,2-Dibromoethane
Concen: 52.202 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

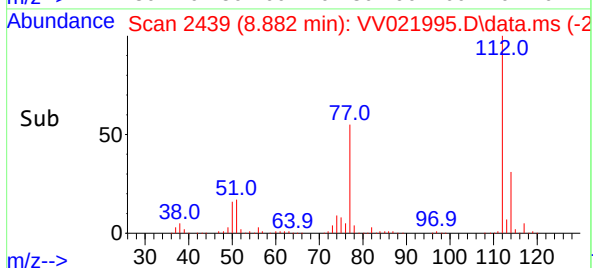
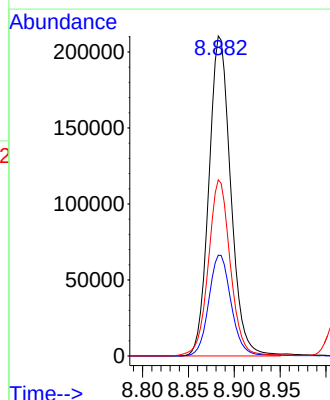
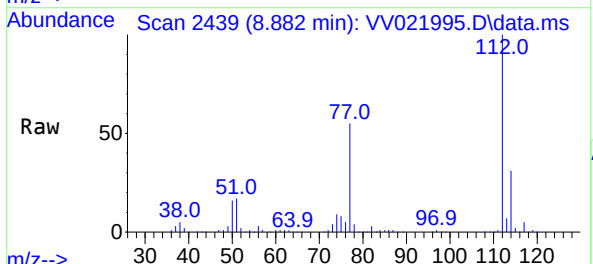
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

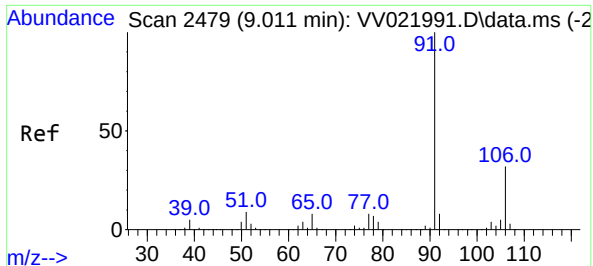
Tgt Ion:107 Resp: 144677
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.6
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 49.176 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion:112 Resp: 349381
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 55.1 43.2 64.8

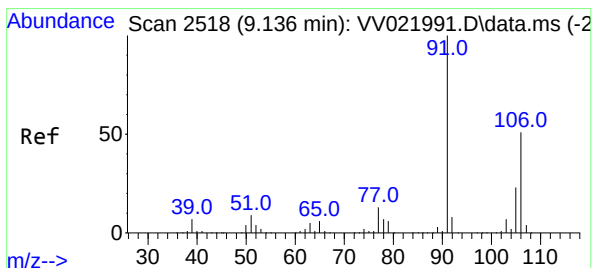
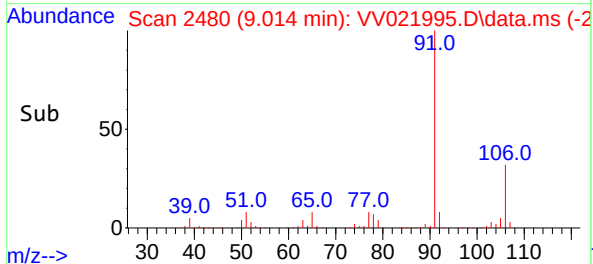
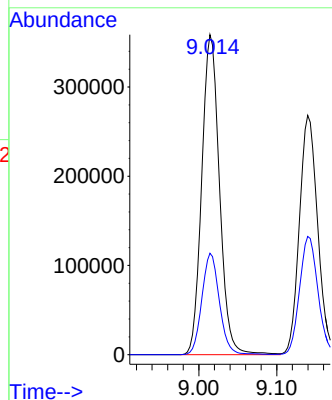
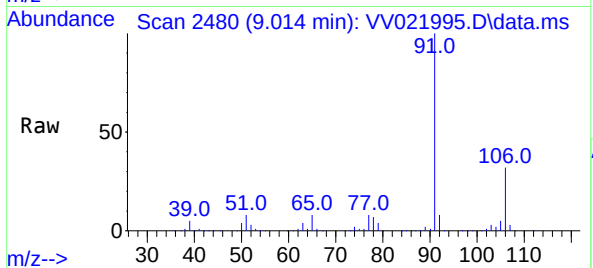




#52
Ethylbenzene
Concen: 49.555 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

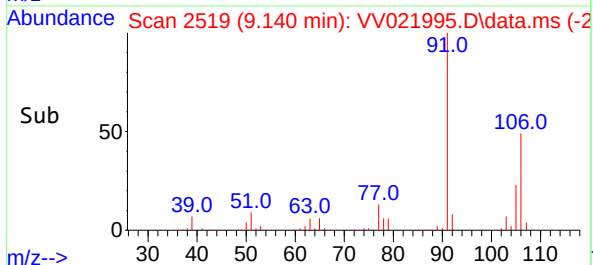
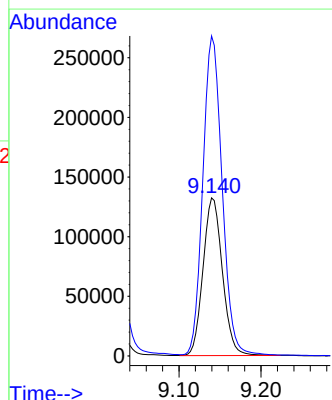
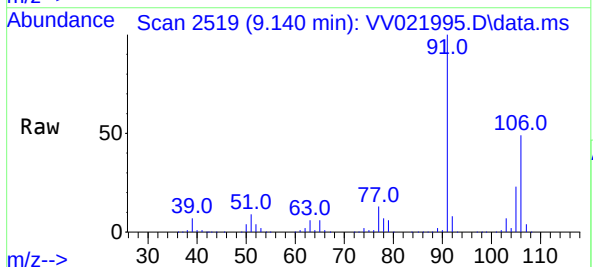
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

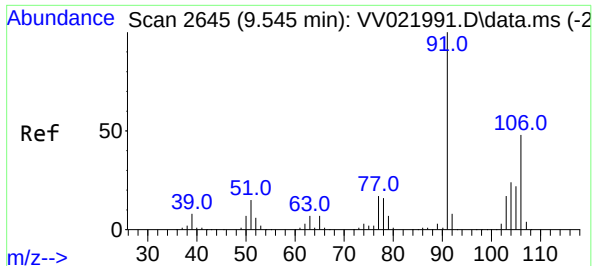
Tgt Ion: 91 Resp: 566868
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 48.794 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 106 Resp: 216946
Ion Ratio Lower Upper
106 100
91 202.4 139.1 258.3

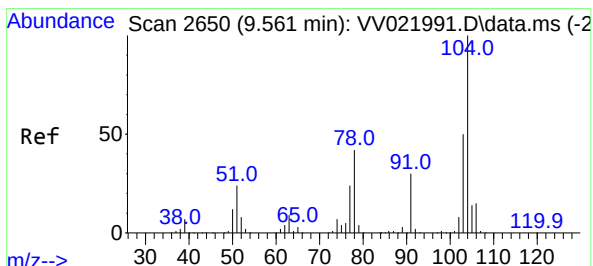
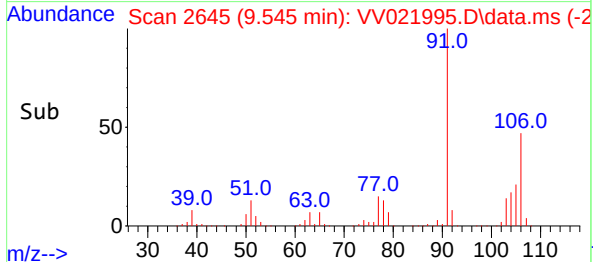
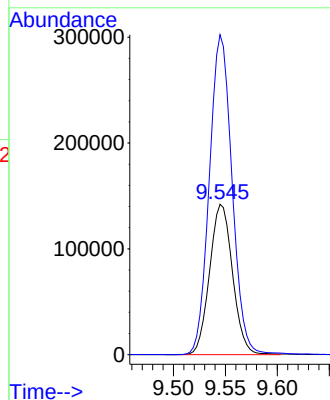
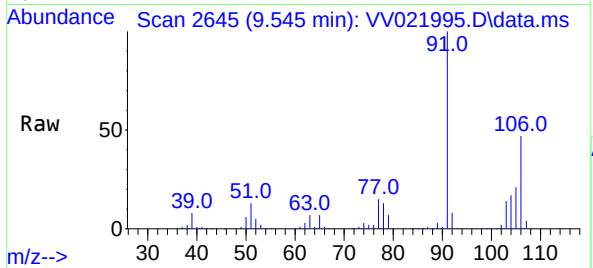




#54
o-Xylene
Concen: 49.620 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

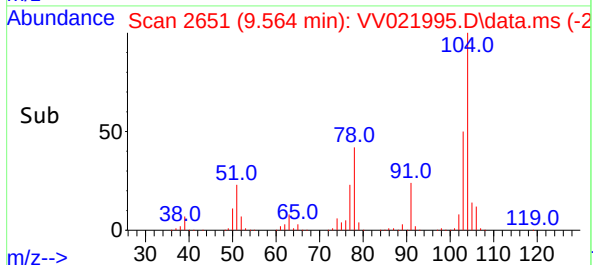
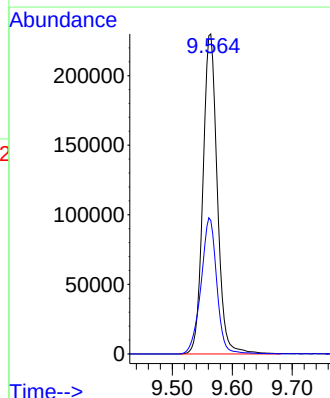
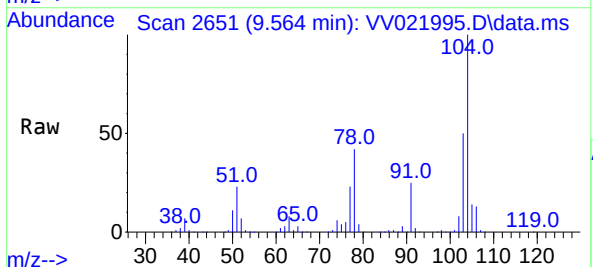
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

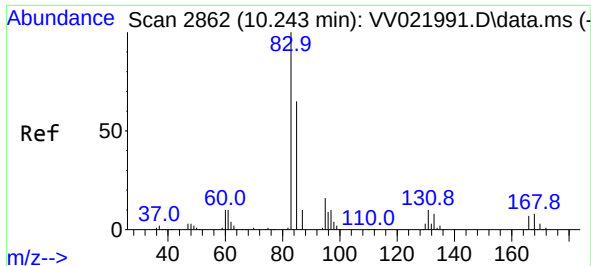
Tgt Ion:106 Resp: 218293
Ion Ratio Lower Upper
106 100
91 212.7 150.1 278.9



#55
Styrene
Concen: 51.053 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion:104 Resp: 383293
Ion Ratio Lower Upper
104 100
78 41.8 28.6 53.2

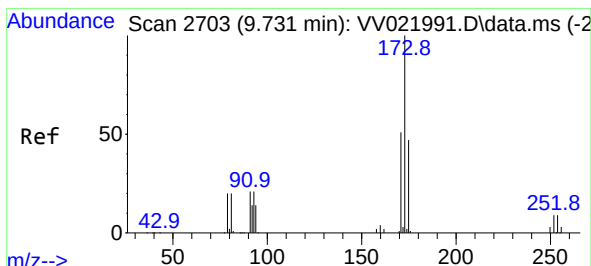
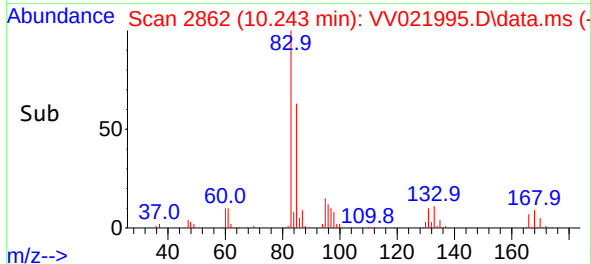
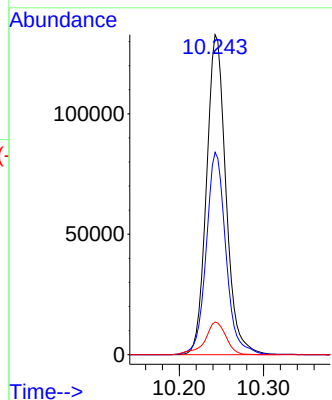
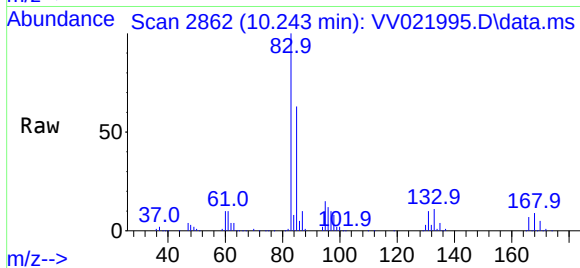




#57
1,1,2,2-Tetrachloroethane
Concen: 56.981 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

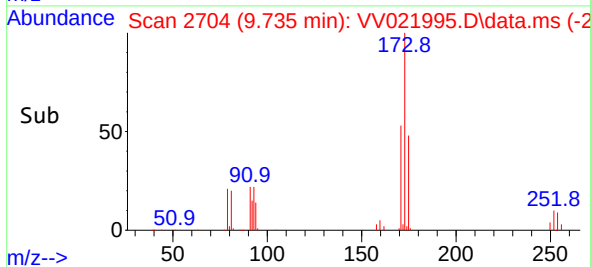
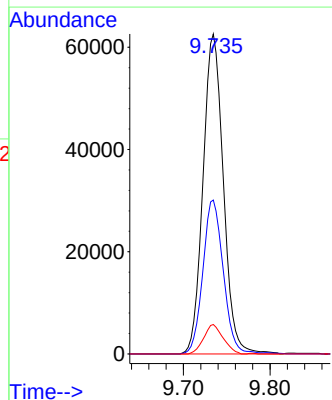
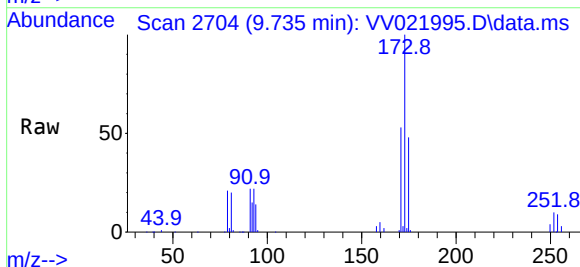
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

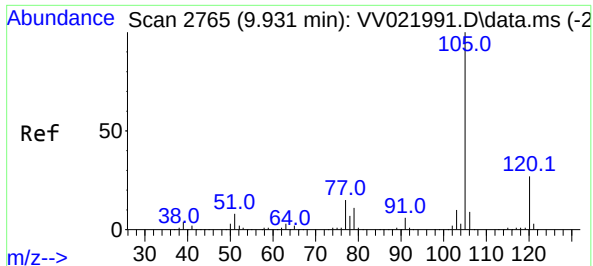
Tgt Ion: 83 Resp: 213197
Ion Ratio Lower Upper
83 100
85 63.3 44.7 83.1
131 10.2 8.2 12.2



#59
Bromoform
Concen: 53.176 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 173 Resp: 102244
Ion Ratio Lower Upper
173 100
175 48.2 38.8 58.2
254 8.8 7.0 10.4



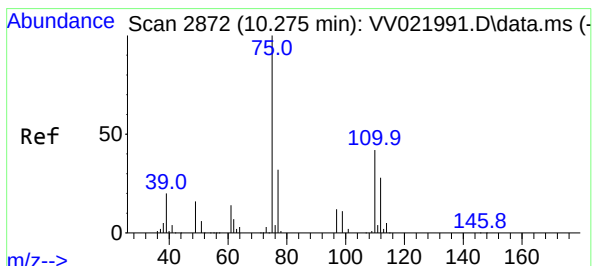
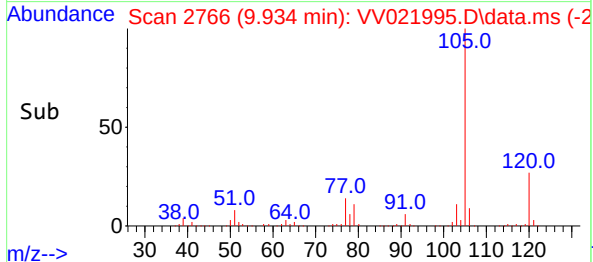
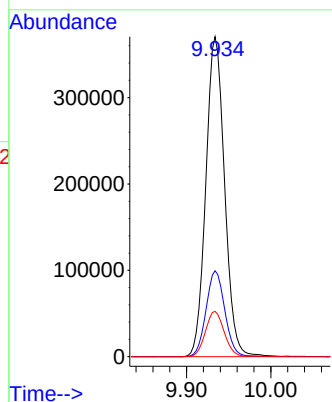
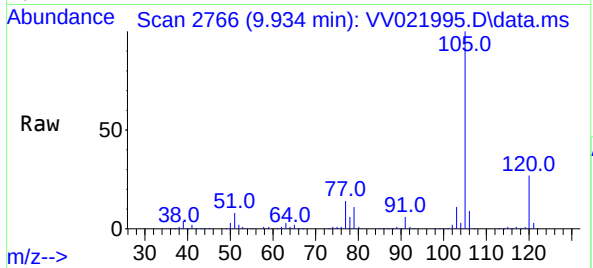


#60
Isopropylbenzene
Concen: 50.504 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

Tgt Ion:105 Resp: 574494

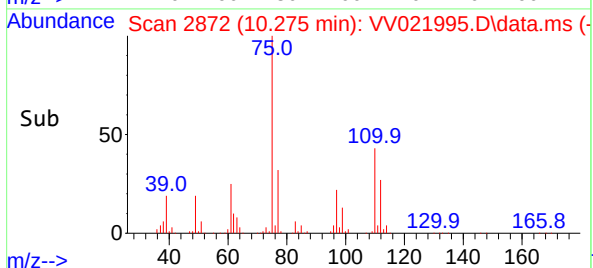
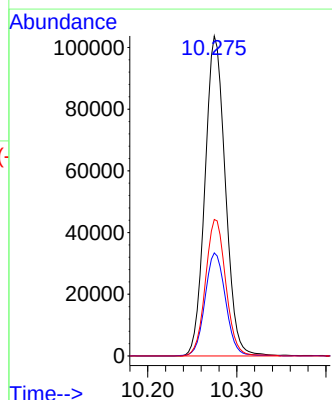
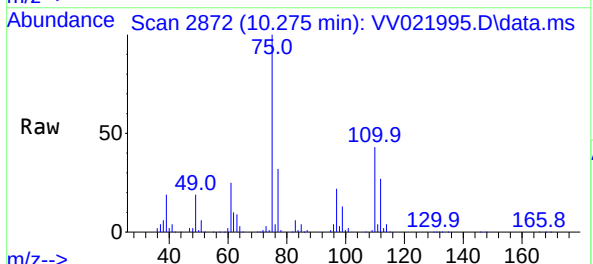
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.5	32.3
77	14.3	11.8	17.6

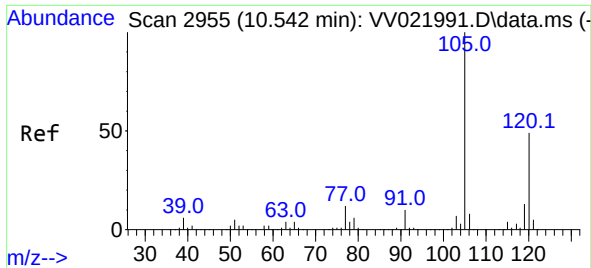


#61
1,2,3-Trichloropropane
Concen: 52.430 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 75 Resp: 164501

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.2
110	42.6	33.8	50.6

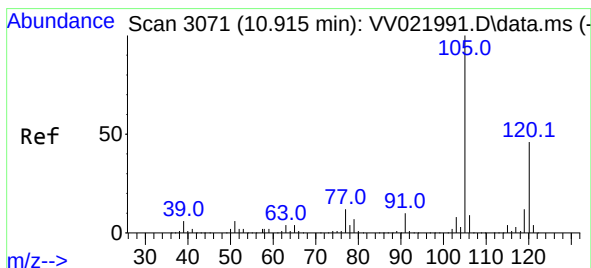
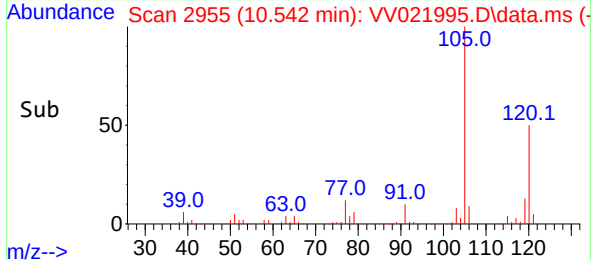
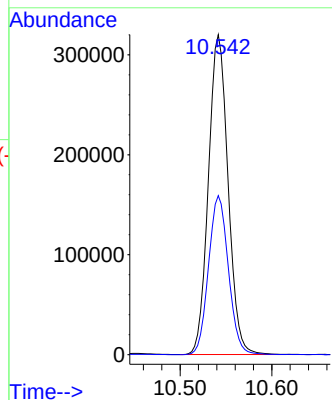
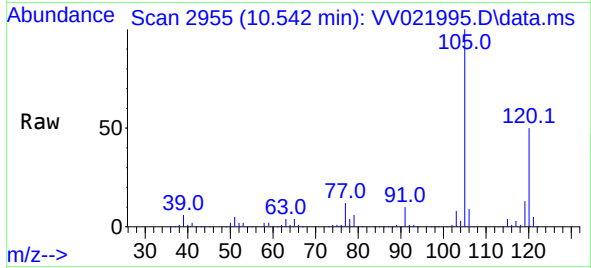




#62
1,3,5-Trimethylbenzene
Concen: 49.805 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

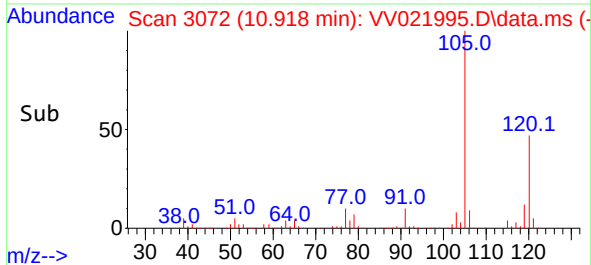
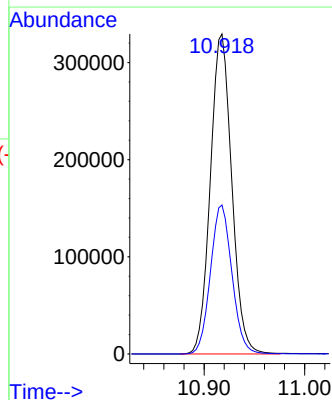
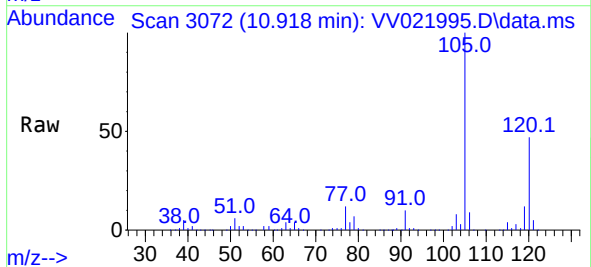
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

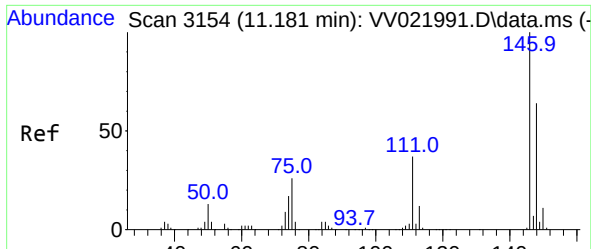
Tgt Ion:105 Resp: 475625
Ion Ratio Lower Upper
105 100
120 50.4 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 50.169 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion:105 Resp: 486973
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.0

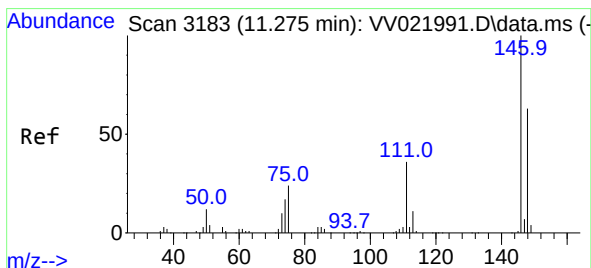
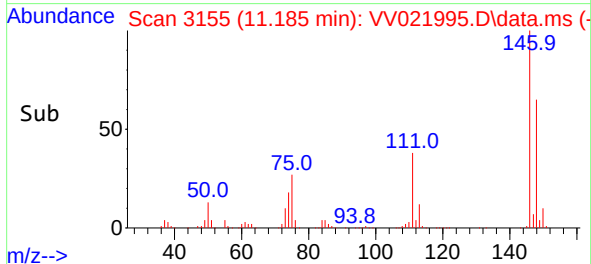
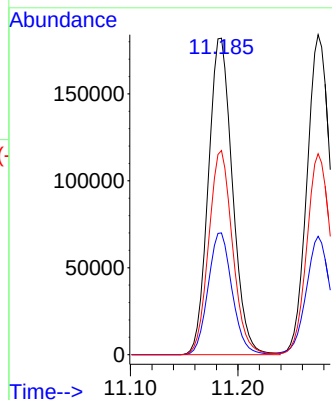
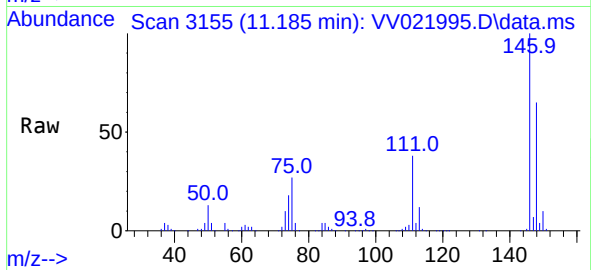




#64
1,3-Dichlorobenzene
Concen: 49.285 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

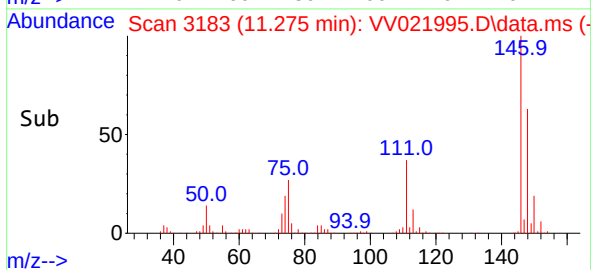
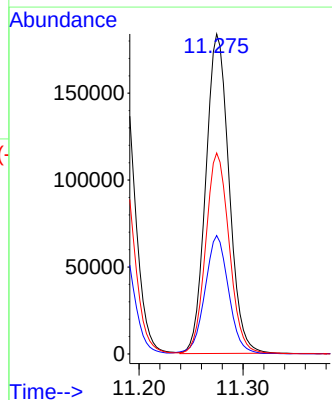
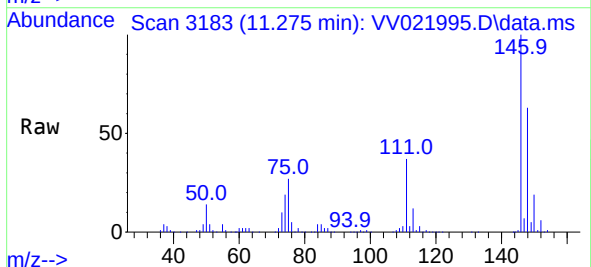
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

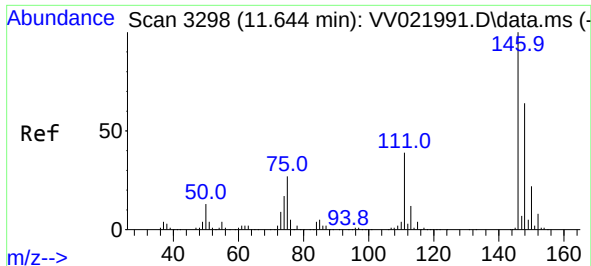
Tgt Ion:146 Resp: 284646
Ion Ratio Lower Upper
146 100
111 38.5 26.9 50.1
148 64.5 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 48.266 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion:146 Resp: 285248
Ion Ratio Lower Upper
146 100
111 37.0 25.3 46.9
148 62.8 44.4 82.5

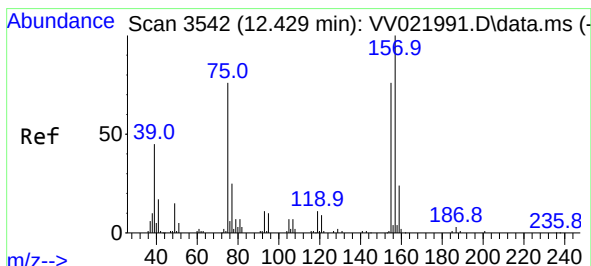
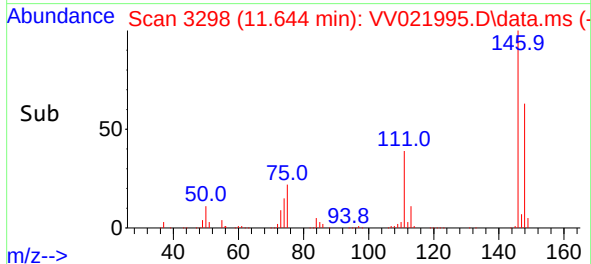
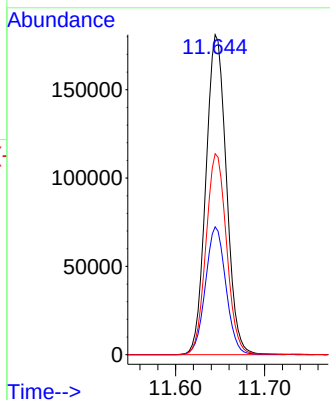
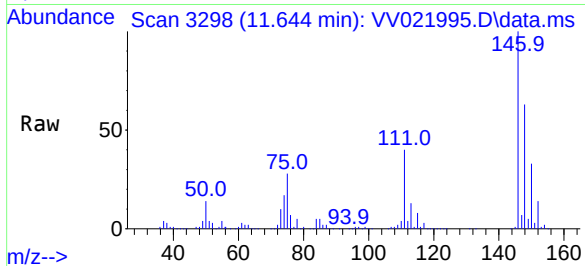




#67
1,2-Dichlorobenzene
Concen: 50.440 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

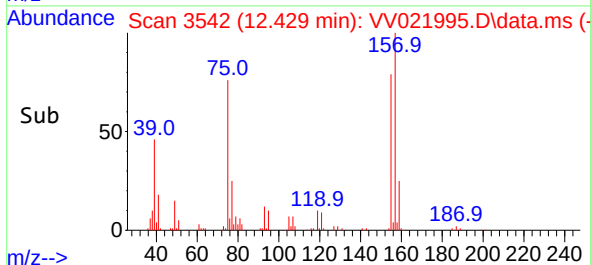
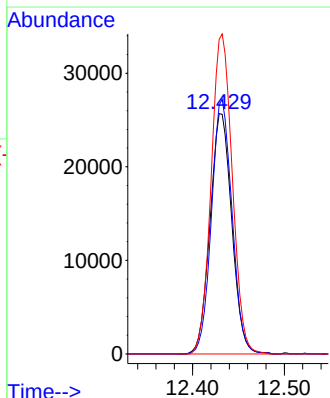
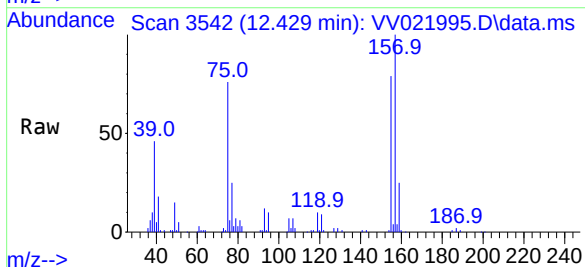
Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

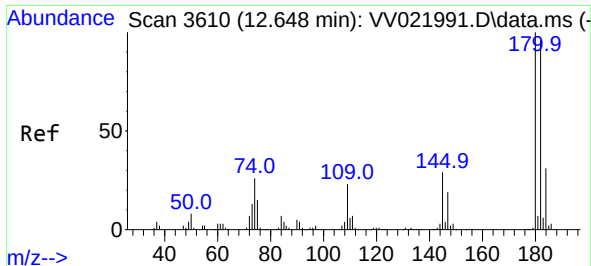
Tgt Ion:146 Resp: 289254
Ion Ratio Lower Upper
146 100
111 40.0 31.6 47.4
148 62.8 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 55.939 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion: 75 Resp: 42299
Ion Ratio Lower Upper
75 100
155 103.6 79.8 119.6
157 130.9 98.3 147.5



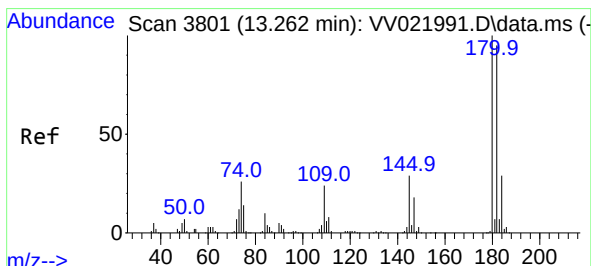
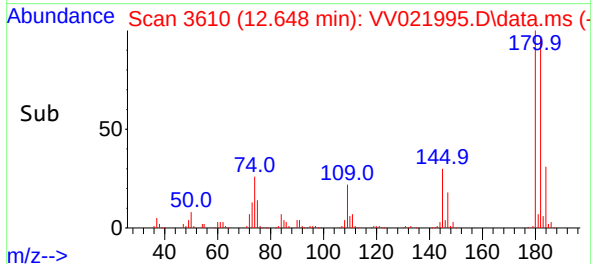
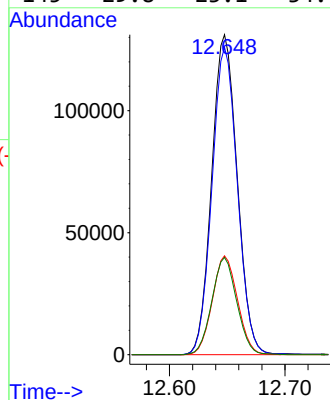
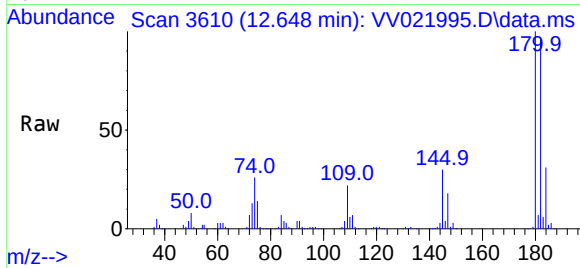


#69
1,3,5-Trichlorobenzene
Concen: 46.593 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

Tgt Ion:180 Resp: 201216

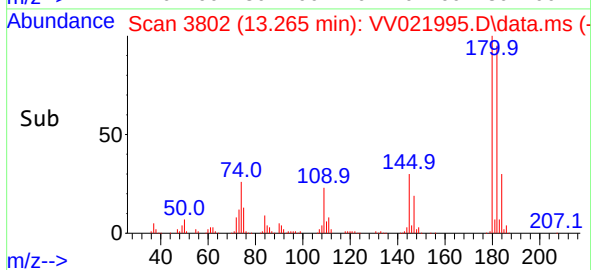
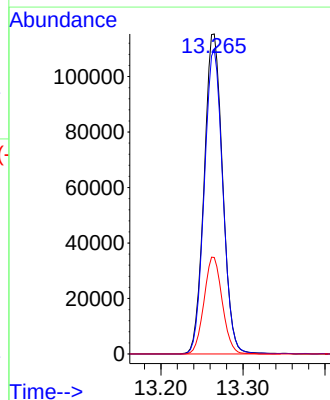
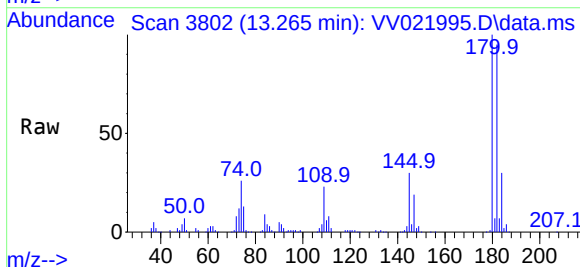
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
184	30.5	24.0	36.0
145	29.8	23.1	34.7

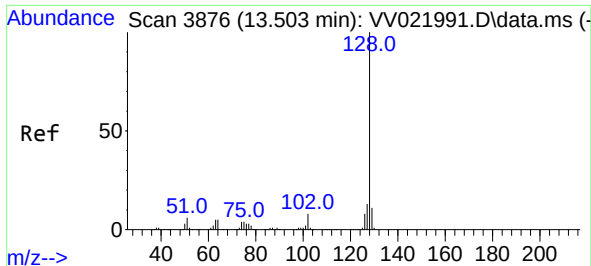


#70
1,2,4-trichlorobenzene
Concen: 47.528 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion:180 Resp: 180558

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.9	113.9
145	29.8	23.8	35.6

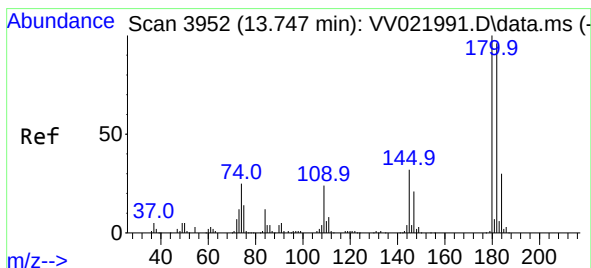
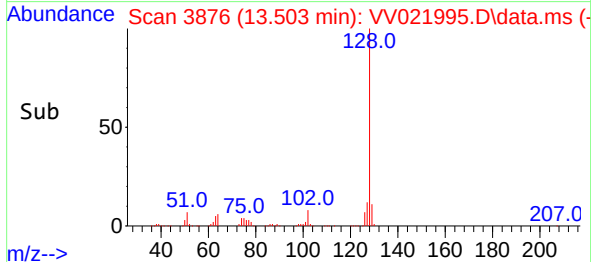
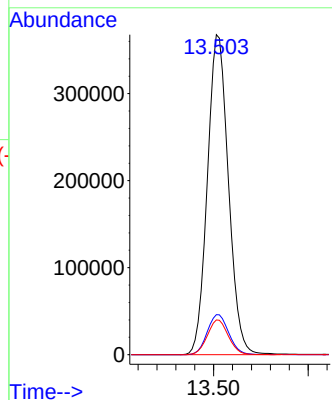
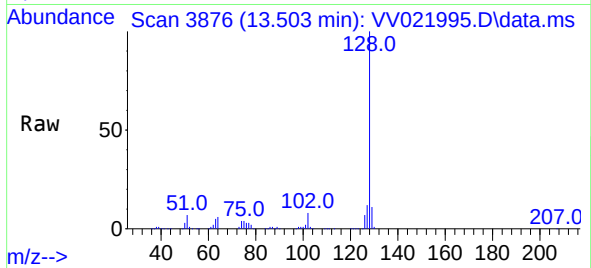




#71
Naphthalene
Concen: 52.018 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Instrument :
MSVOA_V
ClientSampleId :
ESQK5MS

Tgt Ion:128 Resp: 568465
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.632 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV021995.D
Acq: 30 Aug 2021 11:26

Tgt Ion:180 Resp: 183909
Ion Ratio Lower Upper
180 100
182 96.3 76.3 114.5
145 31.6 25.4 38.0

