

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092321\
 Data File : VV022310.D
 Acq On : 24 Sep 2021 02:16
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 05:12:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 05:07:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132182	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	67572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31791	4.773	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.561	69	36343	4.663	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.108	63	73316	4.617	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	3.880	46	131856	48.444	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.880%	
24) Chloroform-d	4.352	84	92893	4.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.034	65	44192	4.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.053	84	184272	5.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.072	67	57295	5.039	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.317	98	163518	4.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	7.629	79	15634	4.502	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.088	63	108037	50.033	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46557	4.864	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	61058	4.815	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	51942	5.047	ug/L	98
3) Chloromethane	1.240	50	52604	5.115	ug/L	99
5) Vinyl chloride	1.307	62	50469	5.102	ug/L	99
6) Bromomethane	1.519	94	31292	4.934	ug/L	95
8) Chloroethane	1.581	64	29722	4.771	ug/L	100
9) Trichlorofluoromethane	1.751	101	69873	5.107	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	40363	4.950	ug/L	97
12) 1,1-Dichloroethene	2.118	96	38338	5.161	ug/L	81
13) Acetone	2.169	43	68695	44.514	ug/L	98
14) Carbon disulfide	2.291	76	122940	4.867	ug/L	99
15) Methyl Acetate	2.436	43	17530	5.119	ug/L	93
16) Methylene chloride	2.507	84	51899	4.015	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	95863	4.852	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	45238	5.098	ug/L	97
19) 1,1-Dichloroethane	3.188	63	79431	5.074	ug/L	98
21) 2-Butanone	3.966	43	116325	49.827	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	45873	5.201	ug/L	99
23) Bromochloromethane	4.249	128	21140	5.077	ug/L	96
25) Chloroform	4.378	83	83700	5.232	ug/L	97

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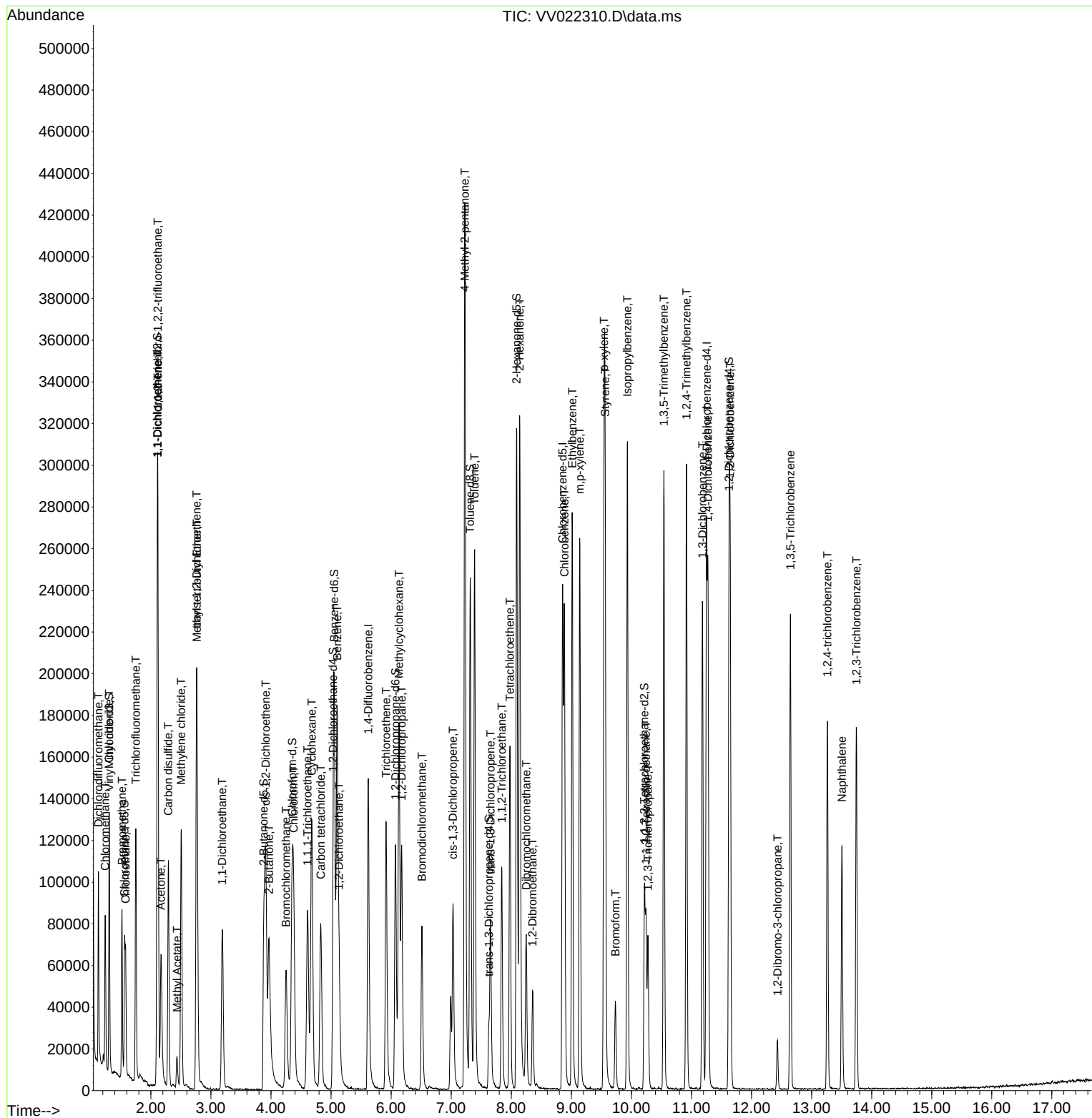
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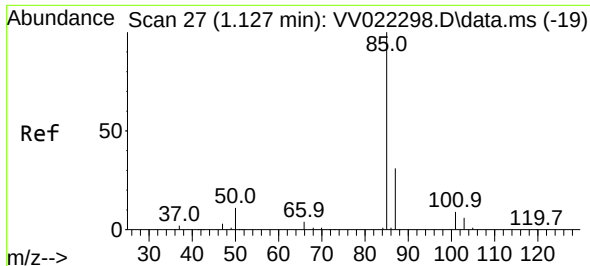
Quant Time: Sep 24 05:12:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 05:07:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	47358	5.069	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	70203	5.206	ug/L	98
30) Cyclohexane	4.680	56	67851	5.039	ug/L	99
31) Carbon tetrachloride	4.828	117	60422	5.274	ug/L	99
33) Benzene	5.101	78	184880	5.428	ug/L	100
34) Trichloroethene	5.918	95	46200	5.338	ug/L	94
35) Methylcyclohexane	6.133	83	72010	5.210	ug/L	99
37) 1,2-Dichloropropane	6.175	63	46403	5.396	ug/L	100
38) Bromodichloromethane	6.513	83	53390	5.153	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	55445	4.876	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	288492	52.058	ug/L	99
42) Toluene	7.391	91	194066	5.378	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	46743	4.809	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	33836	5.204	ug/L	96
47) Tetrachloroethene	7.979	164	38245	5.210	ug/L	97
48) 2-Hexanone	8.140	43	207747	53.351	ug/L	99
49) Dibromochloromethane	8.249	129	36691	5.248	ug/L	98
50) 1,2-Dibromoethane	8.355	107	31726	5.248	ug/L	98
51) Chlorobenzene	8.886	112	122530	5.170	ug/L	97
52) Ethylbenzene	9.014	91	195209	5.201	ug/L	98
53) m,p-xylene	9.140	106	76779	5.297	ug/L	96
54) o-xylene	9.545	106	73658	5.215	ug/L	96
55) Styrene	9.564	104	128225	5.471	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	40823	5.057	ug/L	95
59) Bromoform	9.735	173	18832	4.995	ug/L	97
60) Isopropylbenzene	9.934	105	193439	5.137	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	27624	4.713	ug/L	94
62) 1,3,5-Trimethylbenzene	10.542	105	154460	5.023	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	157110	5.126	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	95292	5.142	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	95143	5.066	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	90048	5.097	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	5384	4.621	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	68854	4.898	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	53397	4.768	ug/L	96
71) Naphthalene	13.506	128	91173	4.480	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	51205	4.892	ug/L	99

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

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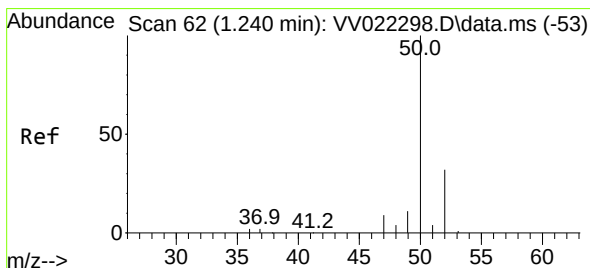
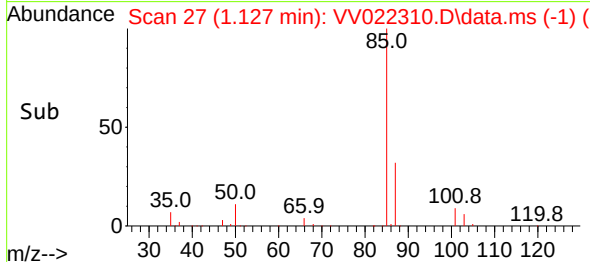
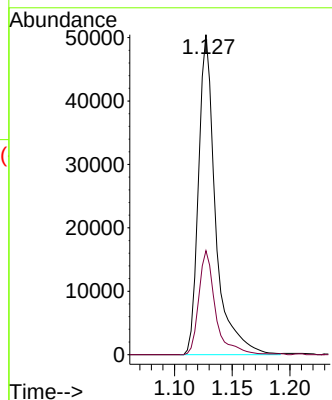
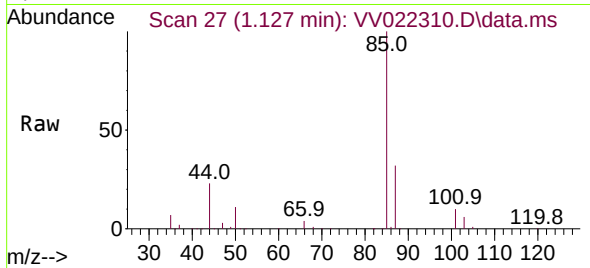




#2
Dichlorodifluoromethane
Concen: 5.047 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

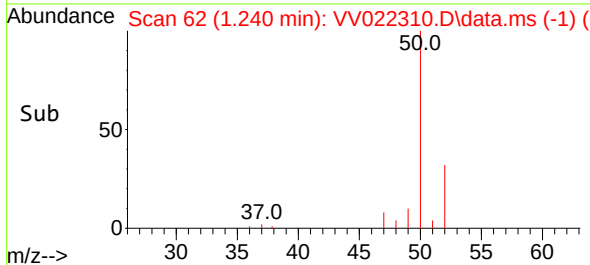
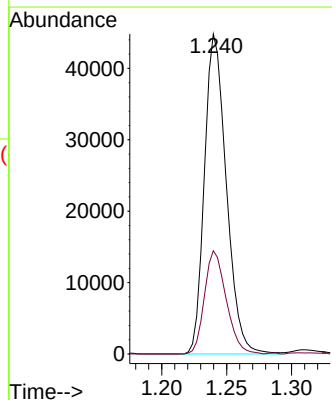
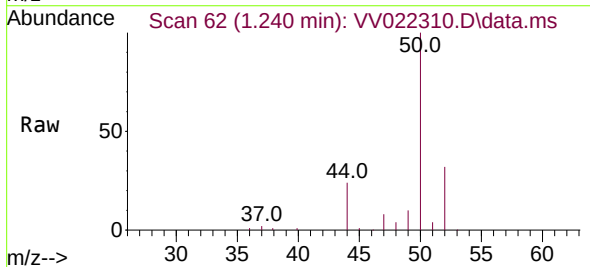
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MSVOA_V
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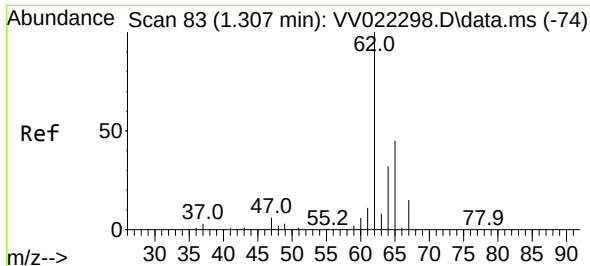
Tgt Ion: 85 Resp: 51942
Ion Ratio Lower Upper
85 100
87 31.9 26.4 39.6



#3
Chloromethane
Concen: 5.115 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 50 Resp: 52604
Ion Ratio Lower Upper
50 100
52 32.2 22.2 41.2

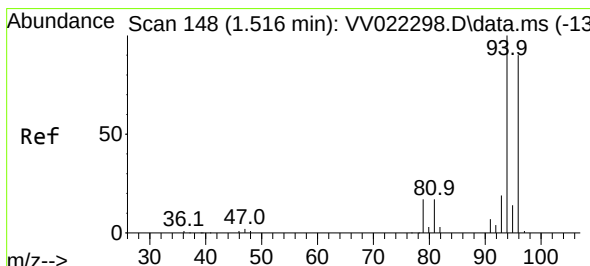
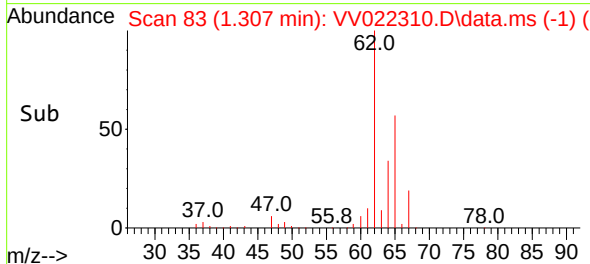
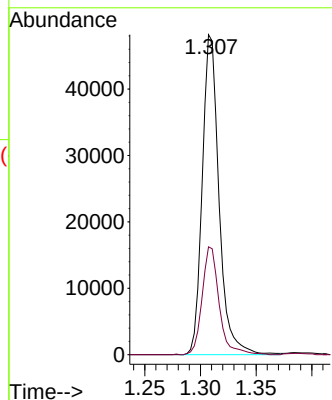
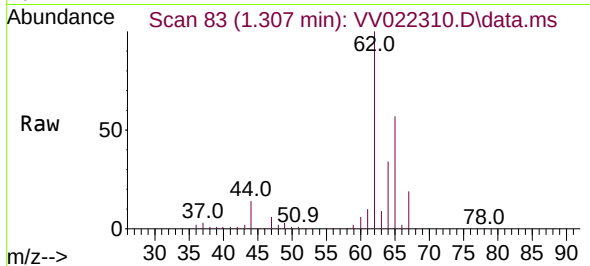




#5
 Vinyl chloride
 Concen: 5.102 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022310.D
 Acq: 24 Sep 2021 02:16

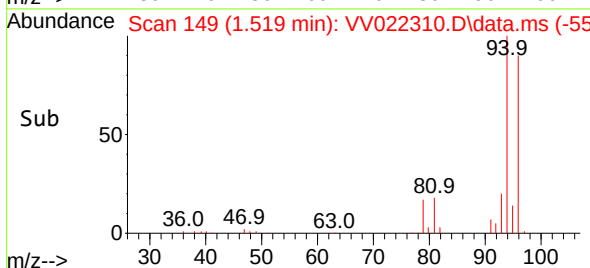
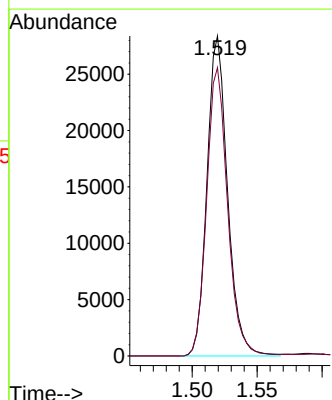
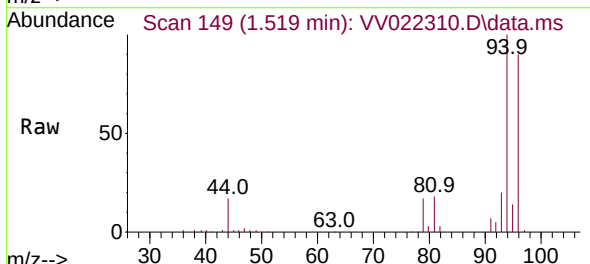
Instrument :
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 ClientSampled :

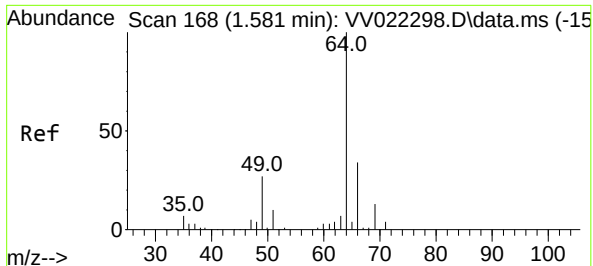
Tgt Ion: 62 Resp: 50469
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 4.934 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV022310.D
 Acq: 24 Sep 2021 02:16

Tgt Ion: 94 Resp: 31292
 Ion Ratio Lower Upper
 94 100
 96 90.1 66.6 123.8

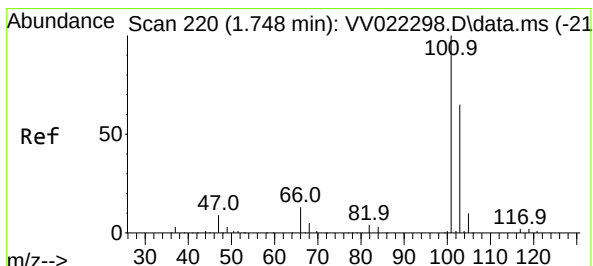
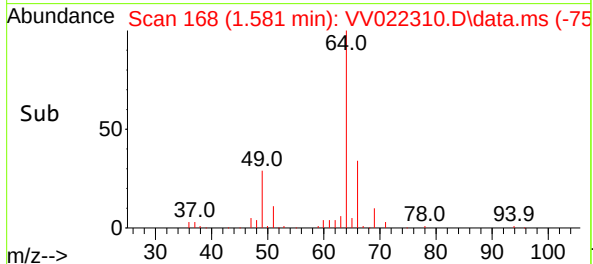
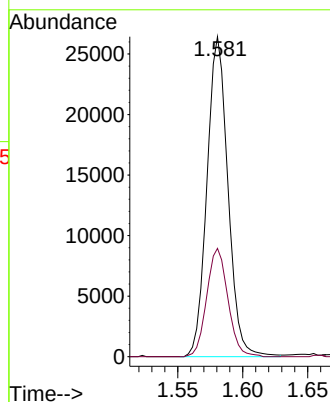
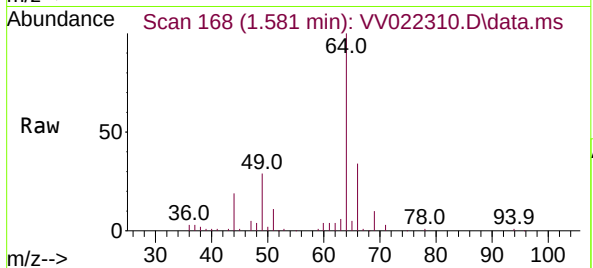




#8
Chloroethane
Concen: 4.771 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

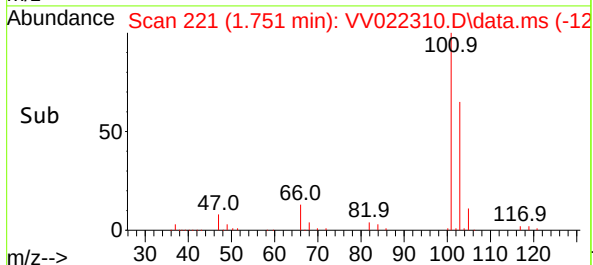
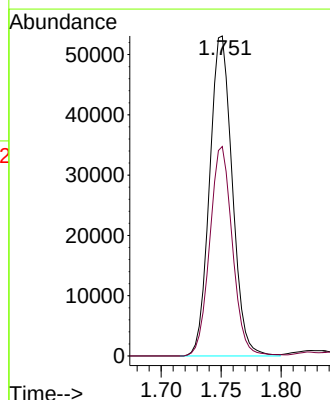
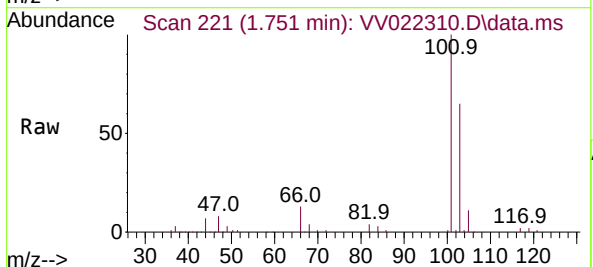
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MSVOA_V
ClientSampleId :

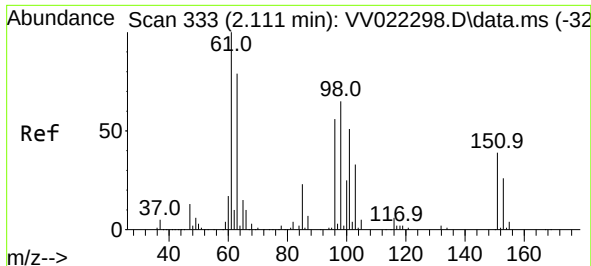
Tgt Ion: 64 Resp: 29722
Ion Ratio Lower Upper
64 100
66 33.9 23.6 43.8



#9
Trichlorofluoromethane
Concen: 5.107 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion:101 Resp: 69873
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9

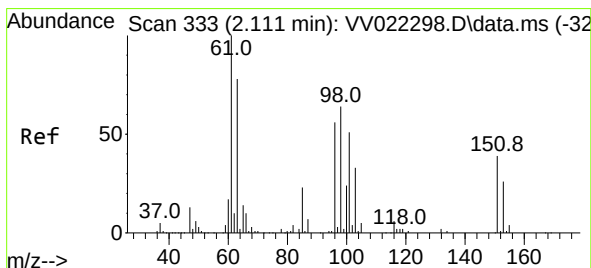
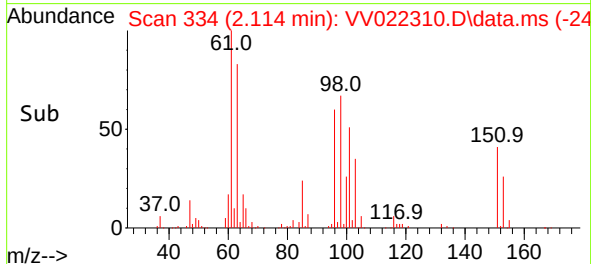
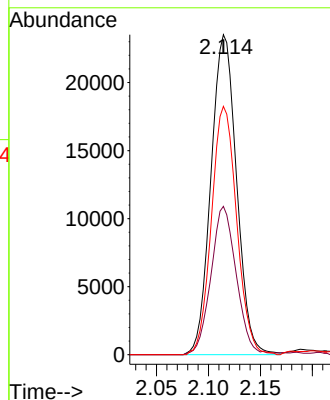
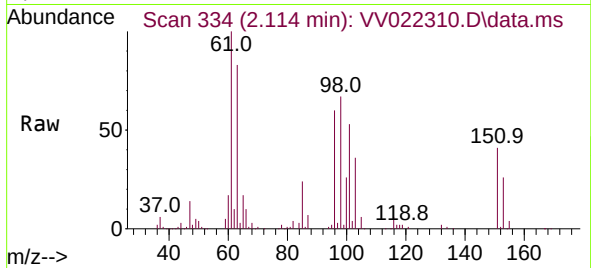




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.950 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

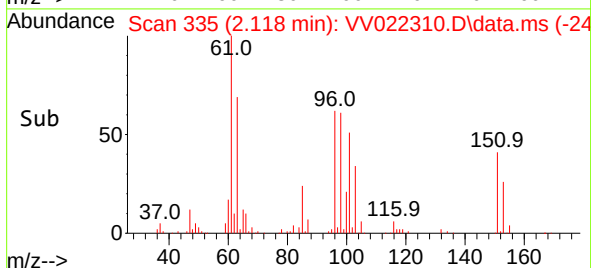
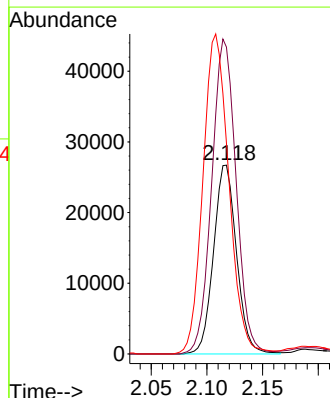
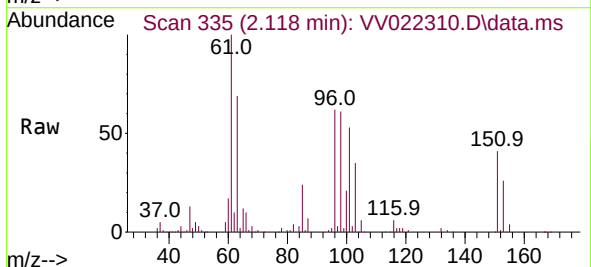
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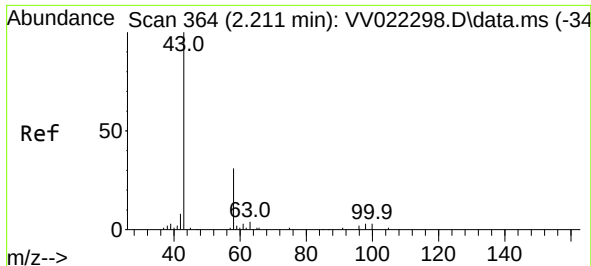
Tgt Ion:101 Resp: 40363
Ion Ratio Lower Upper
101 100
85 45.6 35.2 52.8
151 76.2 58.8 88.2



#12
1,1-Dichloroethene
Concen: 5.161 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 96 Resp: 38338
Ion Ratio Lower Upper
96 100
61 162.5 127.4 236.6
63 111.8 100.0 185.6

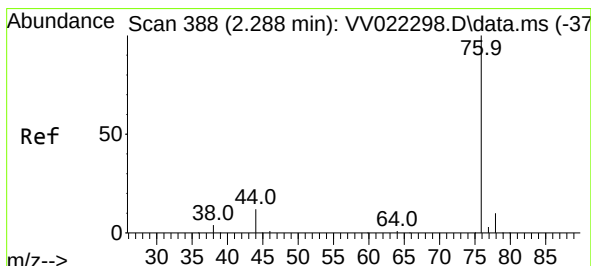
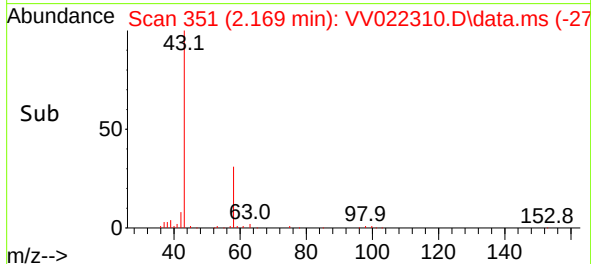
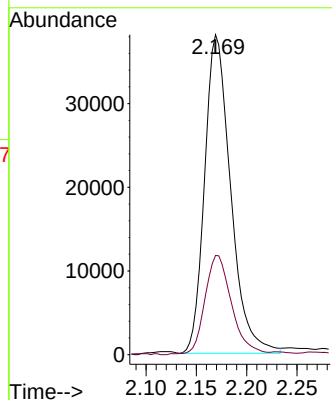
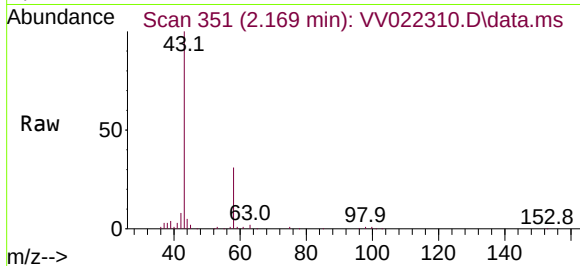




#13
Acetone
Concen: 44.514 ug/L
RT: 2.169 min Scan# 351
Delta R.T. -0.042 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

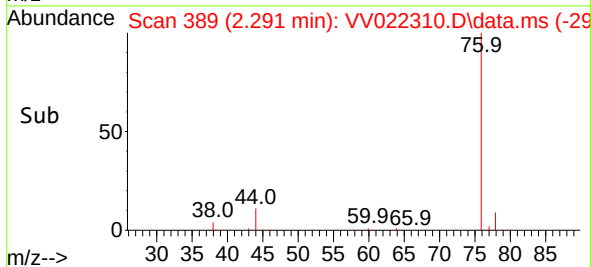
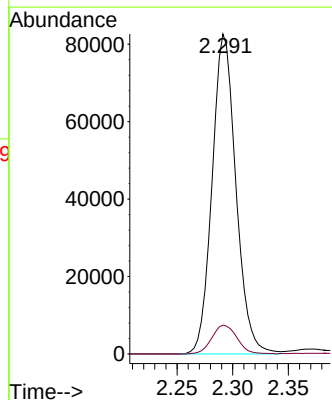
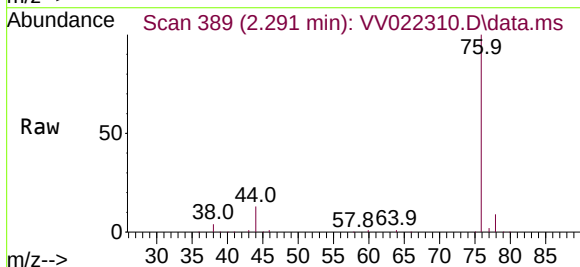
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ClientSampled :

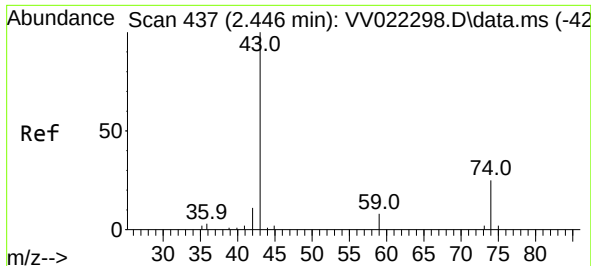
Tgt Ion: 43 Resp: 68695
Ion Ratio Lower Upper
43 100
58 31.9 0.0 66.2



#14
Carbon disulfide
Concen: 4.867 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 76 Resp: 122940
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

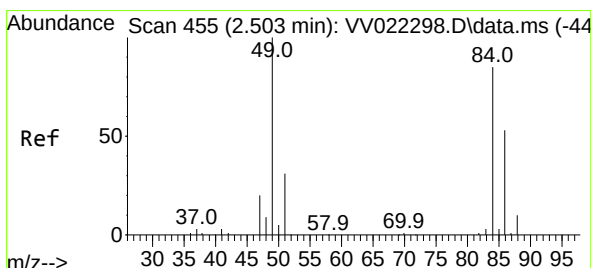
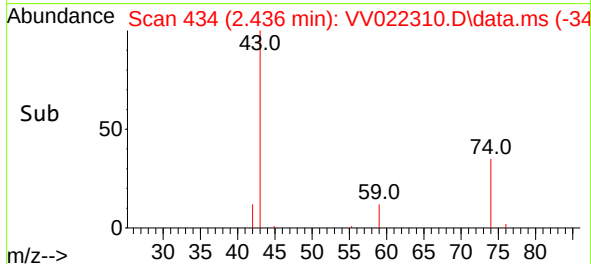
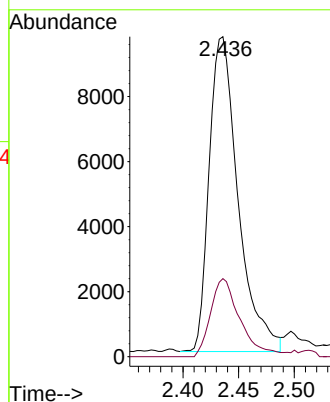
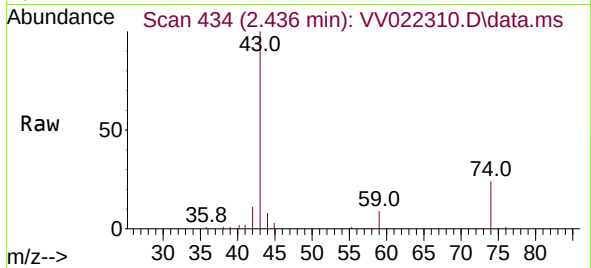




#15
Methyl Acetate
Concen: 5.119 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.010 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

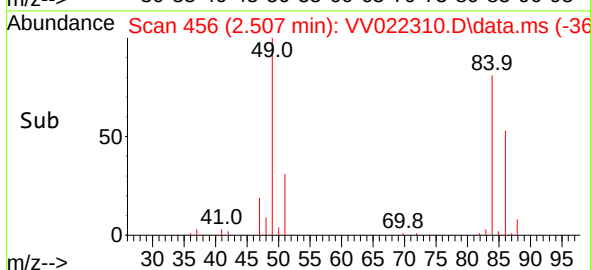
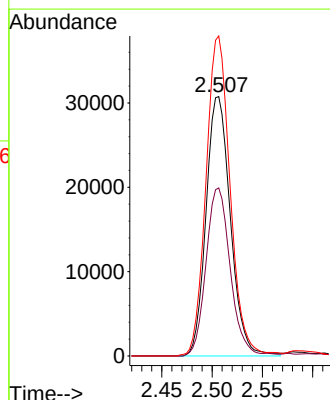
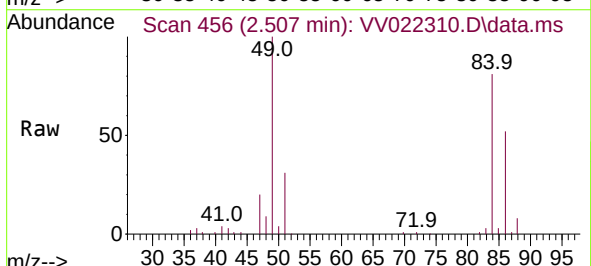
Instrument :
MSVOA_V
ClientSampleId :

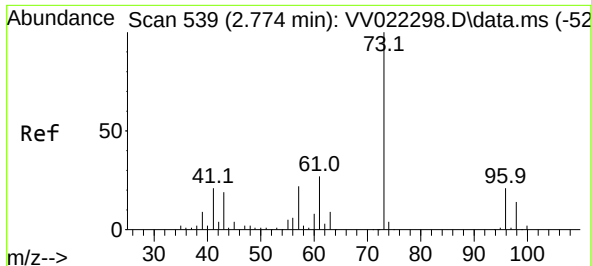
Tgt Ion: 43 Resp: 17530
Ion Ratio Lower Upper
43 100
74 25.2 17.5 26.3



#16
Methylene chloride
Concen: 4.015 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 84 Resp: 51899
Ion Ratio Lower Upper
84 100
86 64.7 47.1 87.5
49 123.4 86.9 161.5

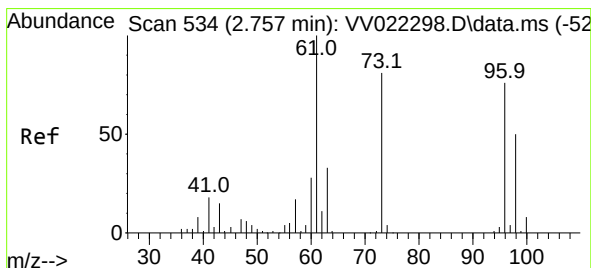
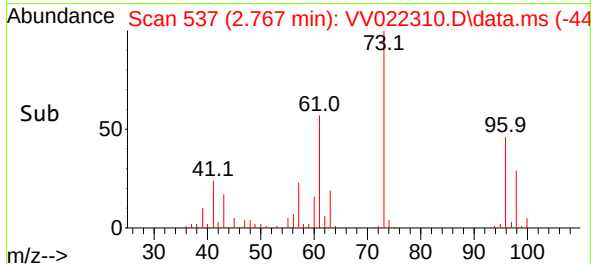
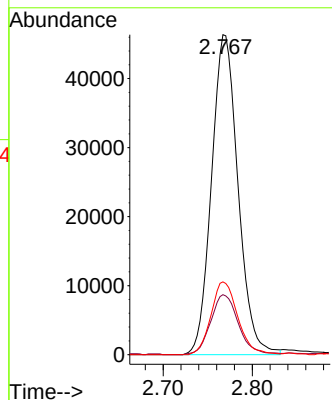
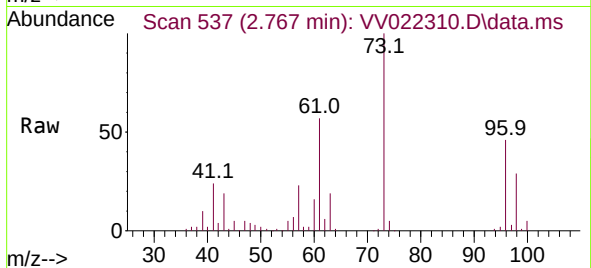




#17
Methyl tert-butyl Ether
Concen: 4.852 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.007 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

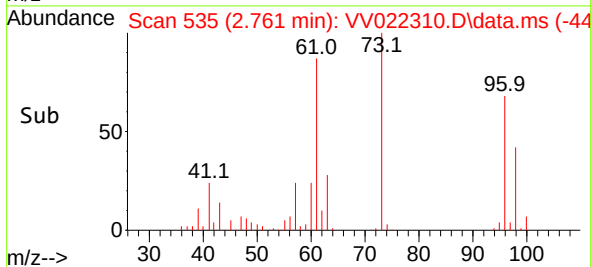
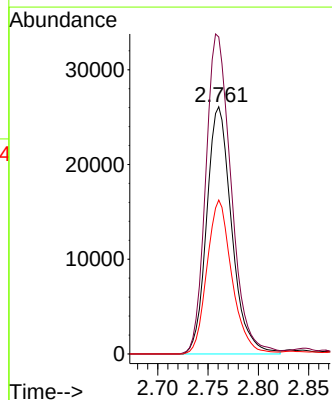
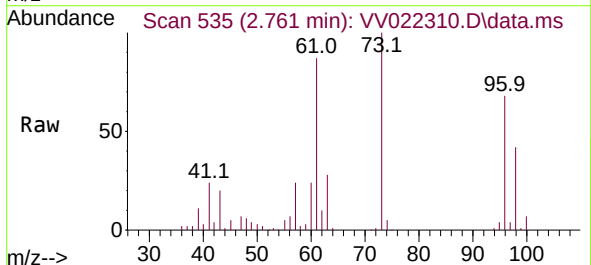
Instrument :
MSVOA_V
ClientSampleId :

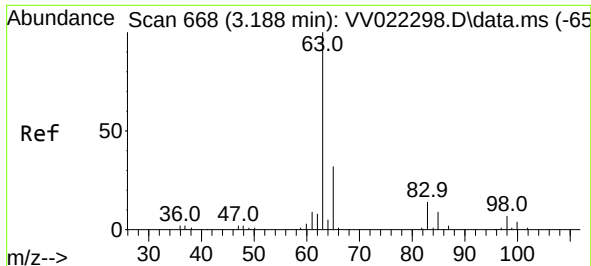
Tgt Ion: 73 Resp: 95863
Ion Ratio Lower Upper
73 100
43 19.7 15.0 22.6
57 23.0 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.098 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 96 Resp: 45238
Ion Ratio Lower Upper
96 100
61 128.2 92.0 170.9
98 62.3 44.7 83.1

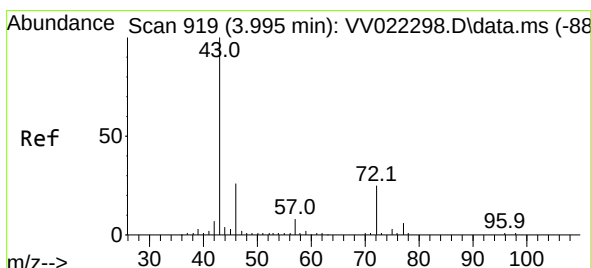
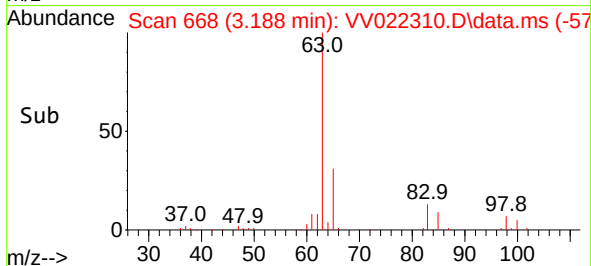
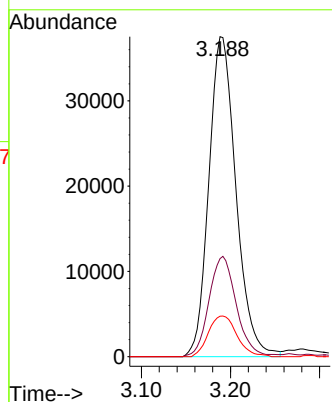
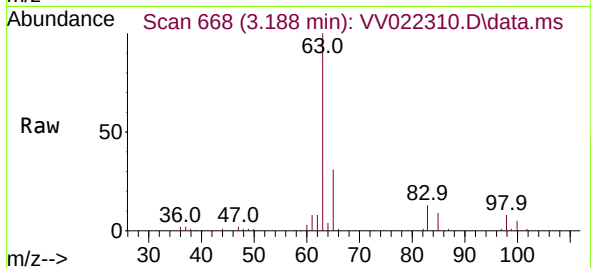




#19
1,1-Dichloroethane
Concen: 5.074 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

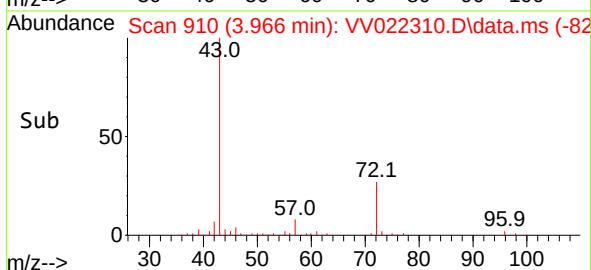
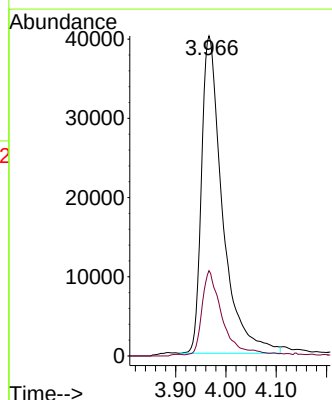
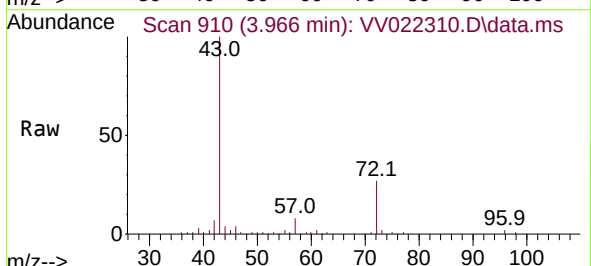
Instrument :
MSVOA_V
ClientSampleId :

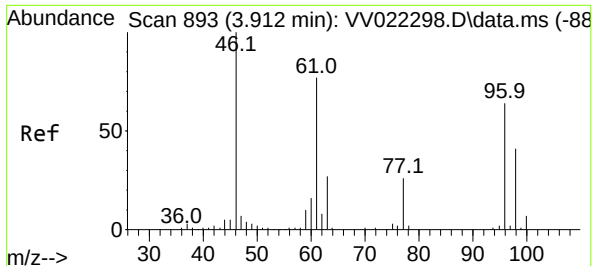
Tgt Ion:	63	Resp:	79431
Ion	Ratio	Lower	Upper
63	100		
65	30.7	20.6	38.4
83	12.6	9.4	17.4



#21
2-Butanone
Concen: 49.827 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.029 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion:	43	Resp:	116325
Ion	Ratio	Lower	Upper
43	100		
72	24.2	12.4	37.2

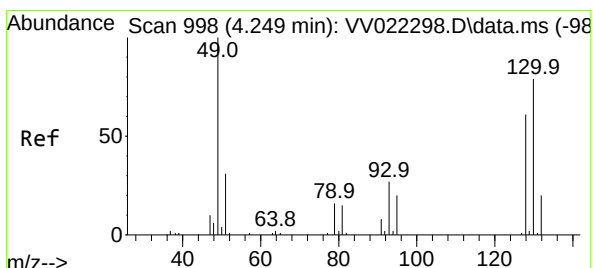
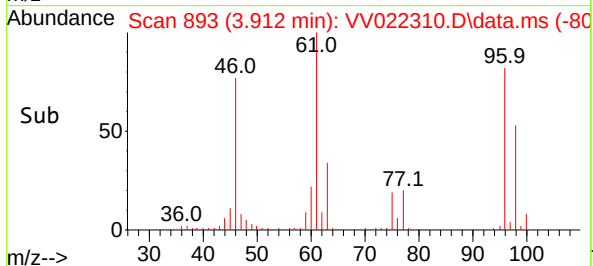
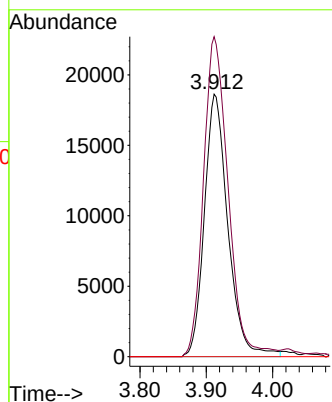
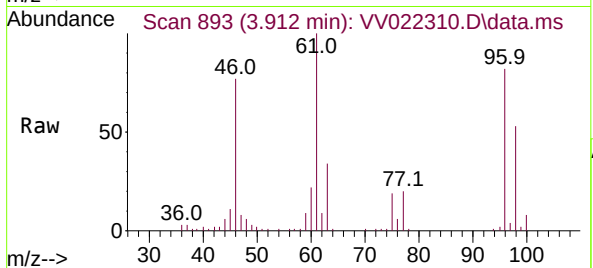




#22
cis-1,2-Dichloroethene
Concen: 5.201 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

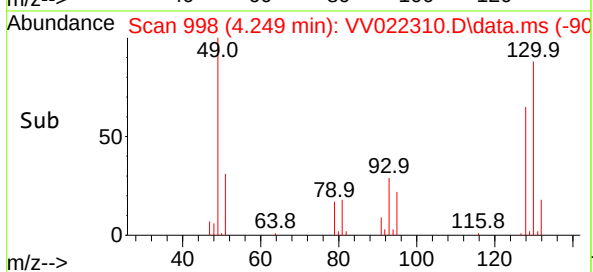
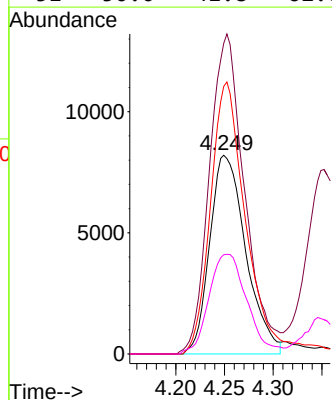
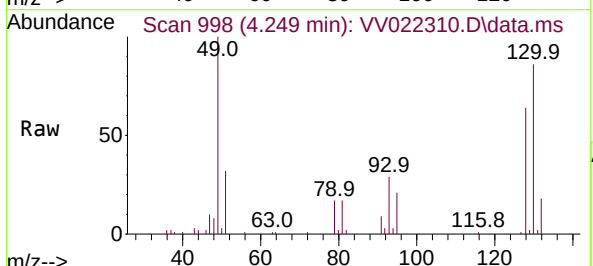
Instrument :
MSVOA_V
ClientSampleId :

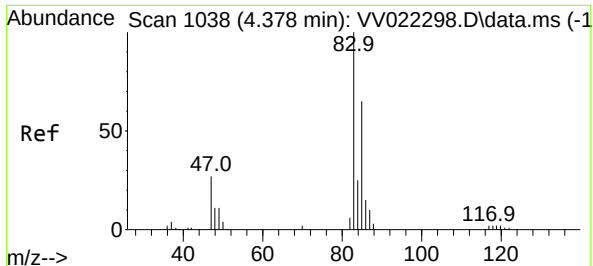
Tgt Ion: 96 Resp: 45873
Ion Ratio Lower Upper
96 100
61 121.9 85.8 159.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.077 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 128 Resp: 21140
Ion Ratio Lower Upper
128 100
49 156.3 110.9 205.9
130 134.7 88.3 163.9
51 50.0 41.8 62.6





#25

Chloroform

Concen: 5.232 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV022310.D

Acq: 24 Sep 2021 02:16

Tgt Ion: 83 Resp: 83700

Ion Ratio Lower Upper

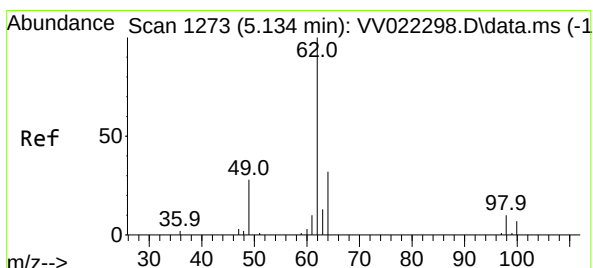
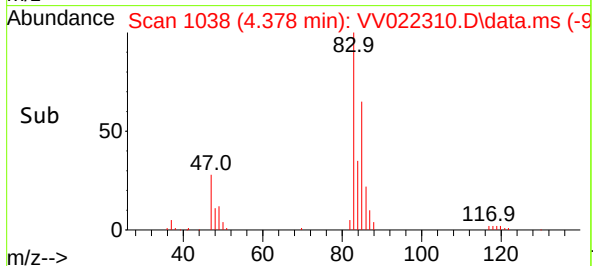
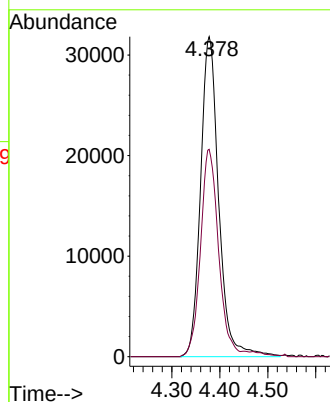
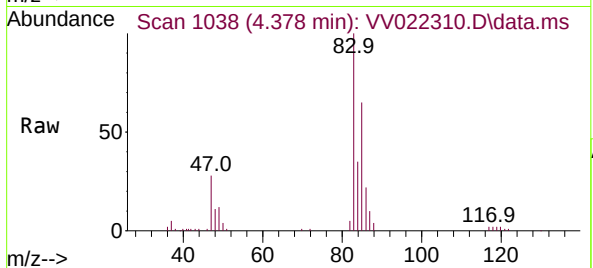
83 100

85 64.8 47.0 87.2

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 5.069 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV022310.D

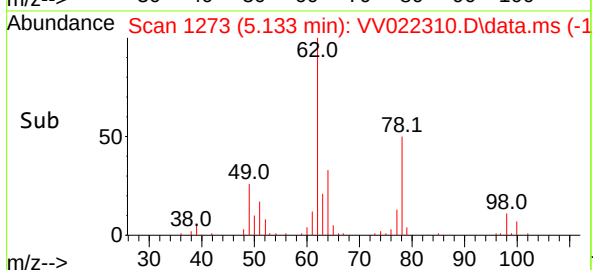
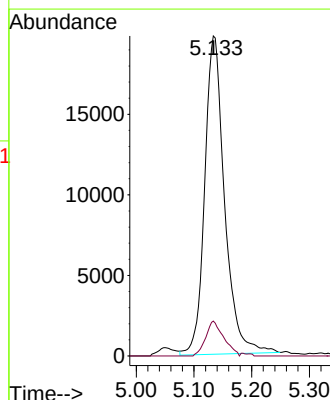
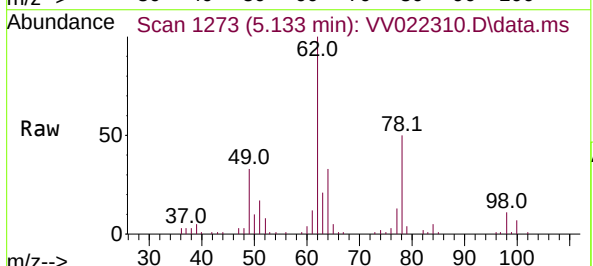
Acq: 24 Sep 2021 02:16

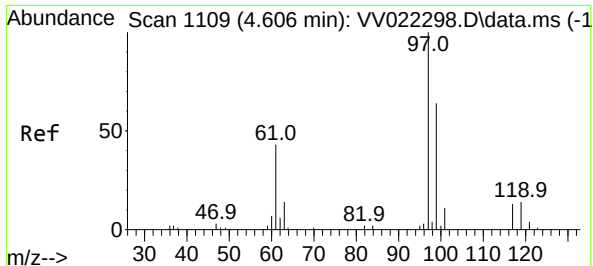
Tgt Ion: 62 Resp: 47358

Ion Ratio Lower Upper

62 100

98 10.9 8.8 13.2



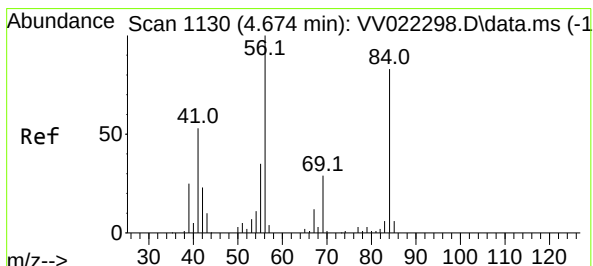
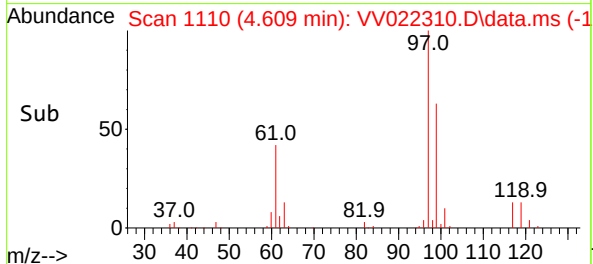
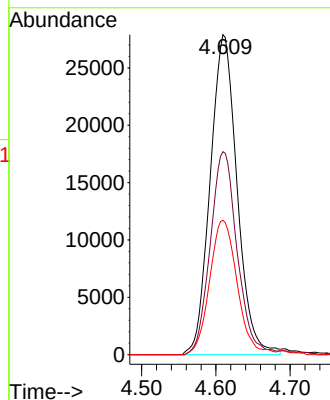
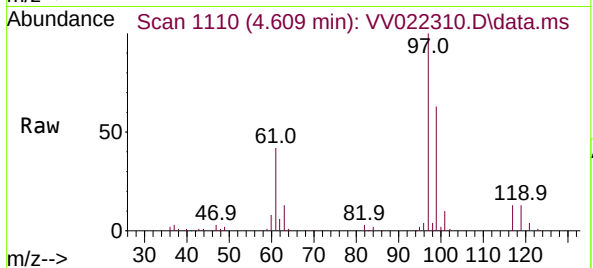


#29

1,1,1-Trichloroethane
Concen: 5.206 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Instrument :
MSVOA_V
ClientSampled :

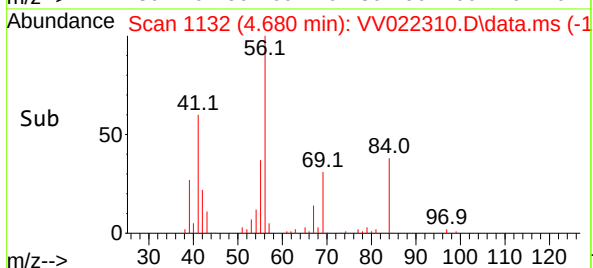
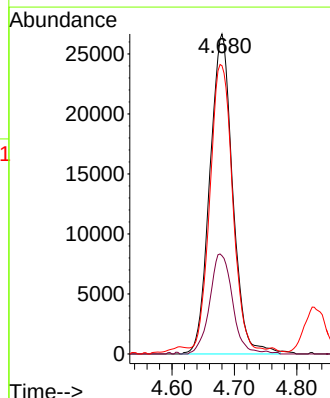
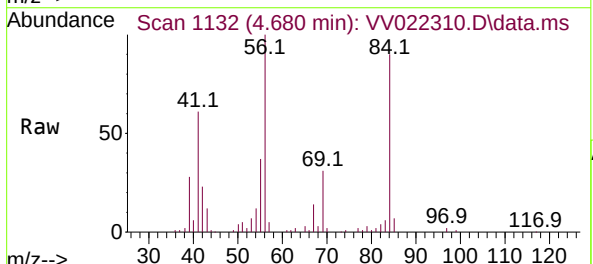
Tgt Ion: 97	Resp: 70203
Ion Ratio	Lower Upper
97 100	
99 63.5	51.5 77.3
61 43.1	35.5 53.3

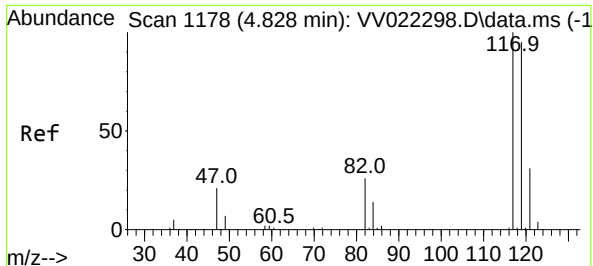


#30

Cyclohexane
Concen: 5.039 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 56	Resp: 67851
Ion Ratio	Lower Upper
56 100	
69 31.0	24.1 36.1
84 88.2	70.8 106.2

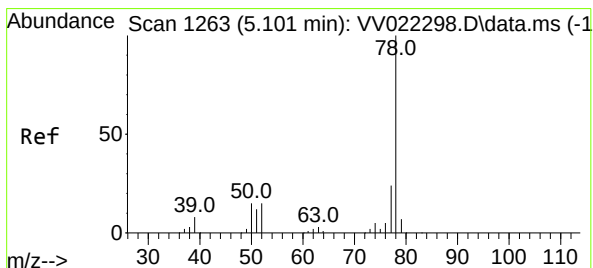
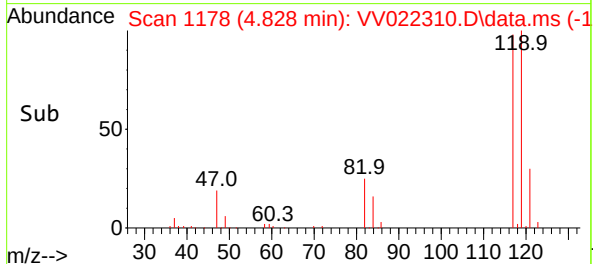
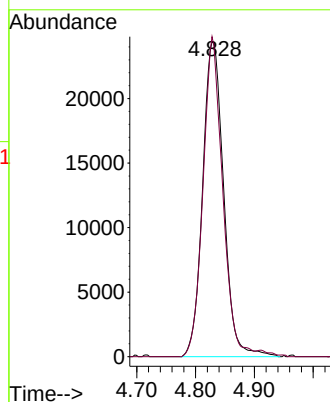
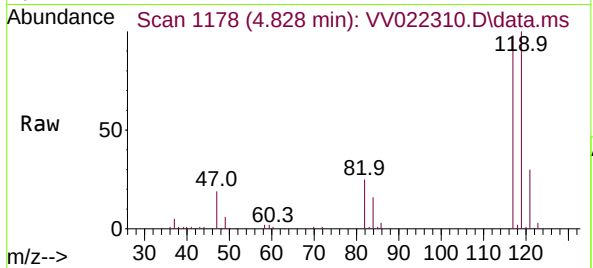




#31
Carbon tetrachloride
Concen: 5.274 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

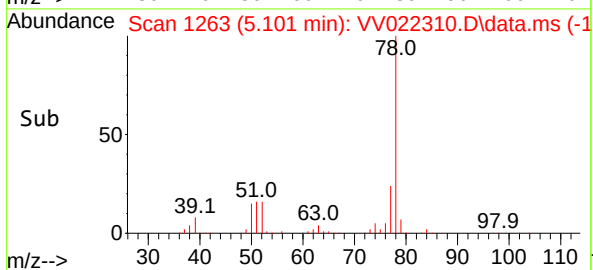
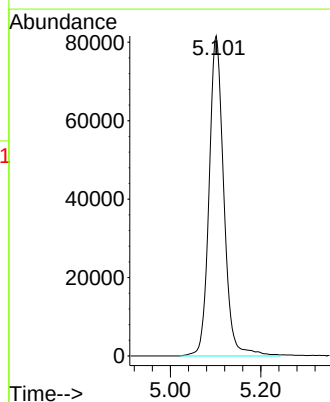
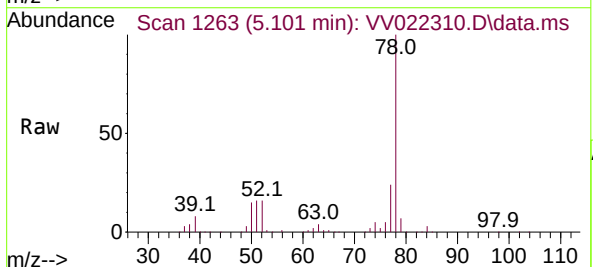
Instrument :
MSVOA_V
ClientSampled :

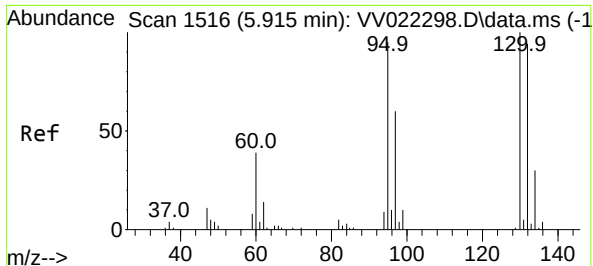
Tgt Ion:117 Resp: 60422
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7



#33
Benzene
Concen: 5.428 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 78 Resp: 184880

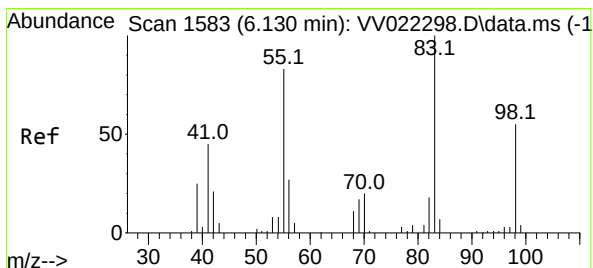
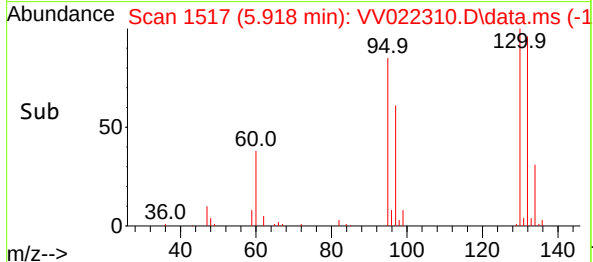
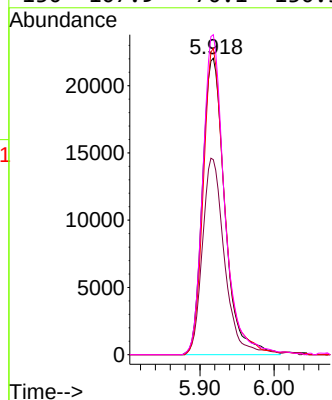
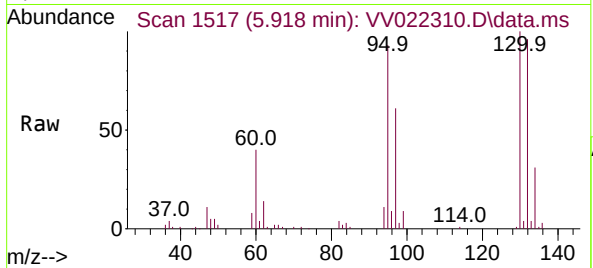




#34
Trichloroethene
Concen: 5.338 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

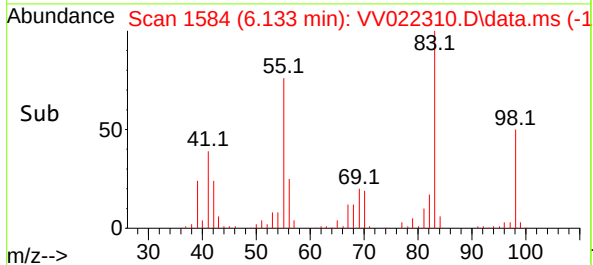
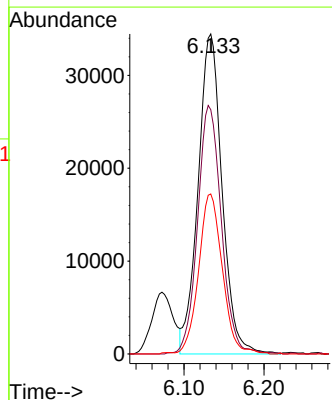
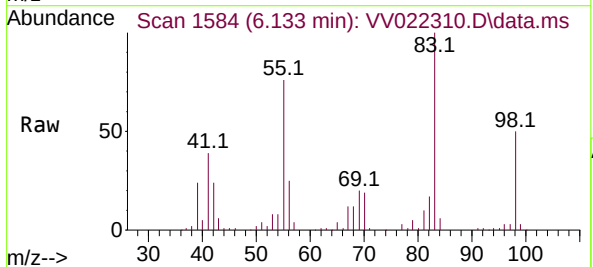
Instrument :
MSVOA_V
ClientSampled :

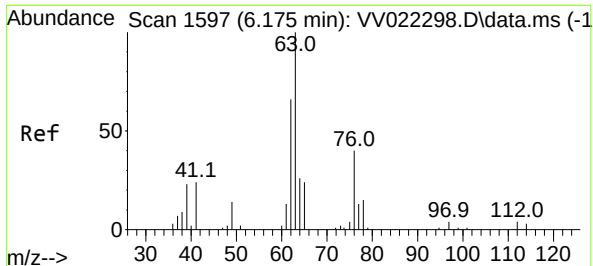
Tgt Ion: 95 Resp: 46200
Ion Ratio Lower Upper
95 100
97 65.7 44.7 82.9
132 103.3 67.5 125.3
130 107.9 70.1 130.3



#35
Methylcyclohexane
Concen: 5.210 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 83 Resp: 72010
Ion Ratio Lower Upper
83 100
55 77.0 60.2 90.2
98 49.3 39.5 59.3





#37

1,2-Dichloropropane

Concen: 5.396 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VV022310.D

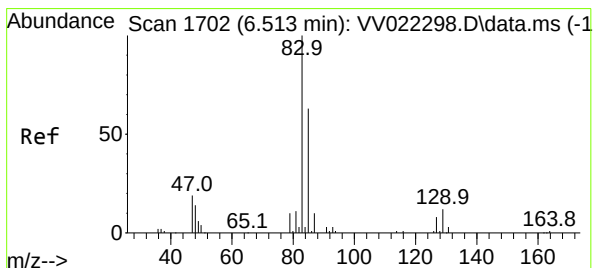
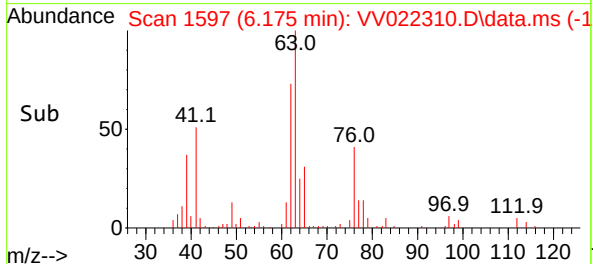
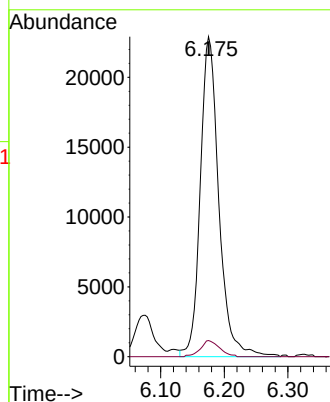
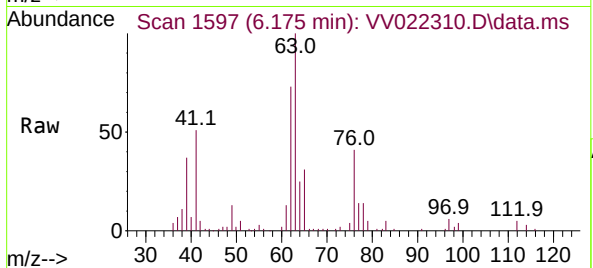
Acq: 24 Sep 2021 02:16

Tgt Ion: 63 Resp: 46403

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 5.153 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV022310.D

Acq: 24 Sep 2021 02:16

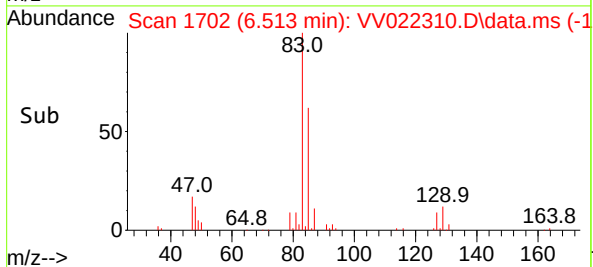
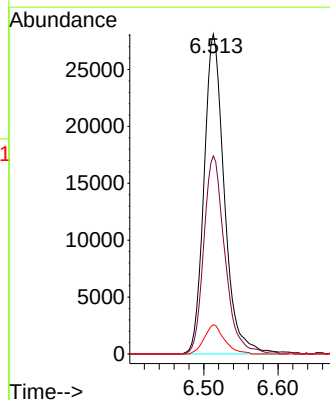
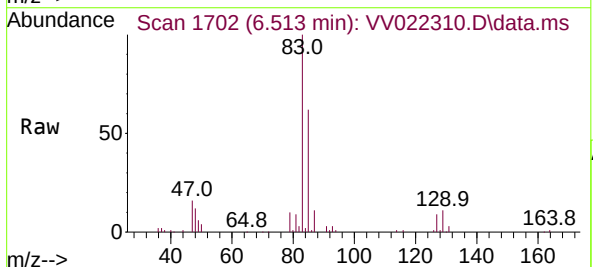
Tgt Ion: 83 Resp: 53390

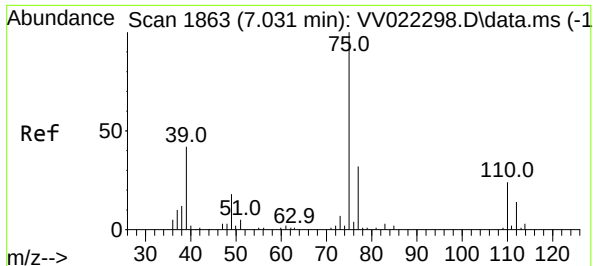
Ion Ratio Lower Upper

83 100

85 61.9 45.4 84.4

127 9.1 7.0 10.4

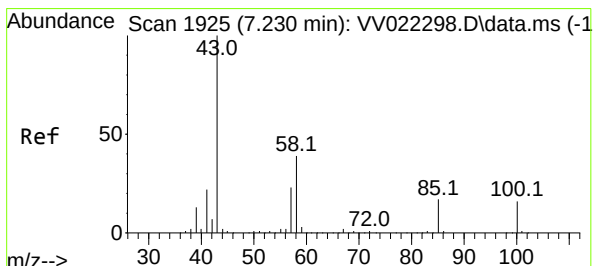
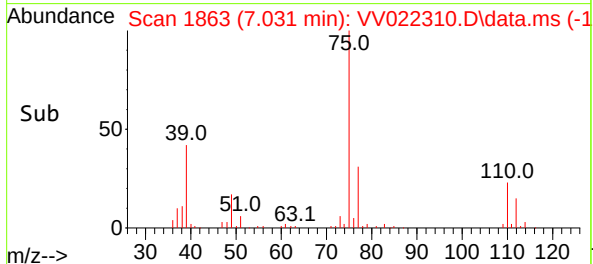
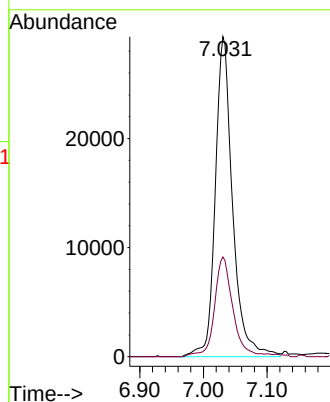
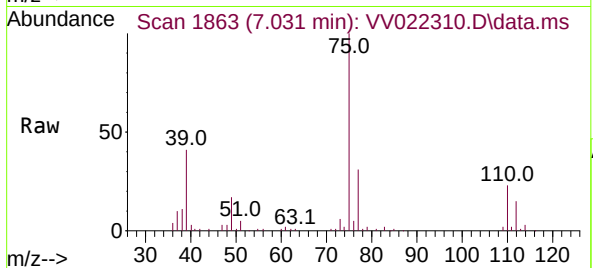




#39
 cis-1,3-Dichloropropene
 Concen: 4.876 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV022310.D
 Acq: 24 Sep 2021 02:16

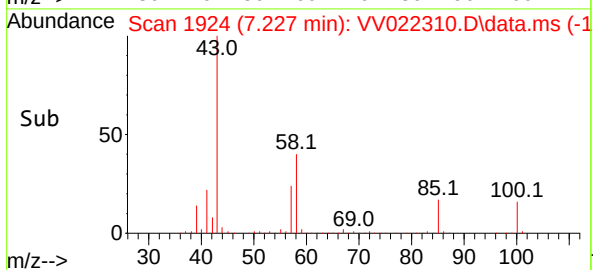
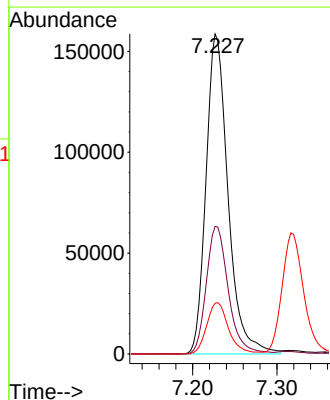
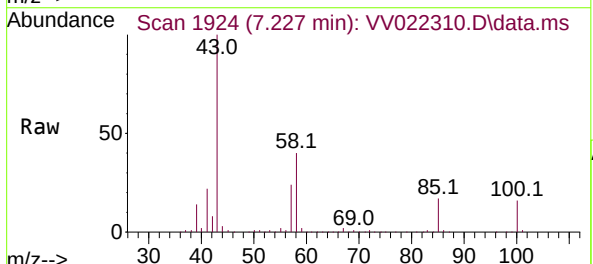
Instrument :
 MSVOA_V
 ClientSampled :

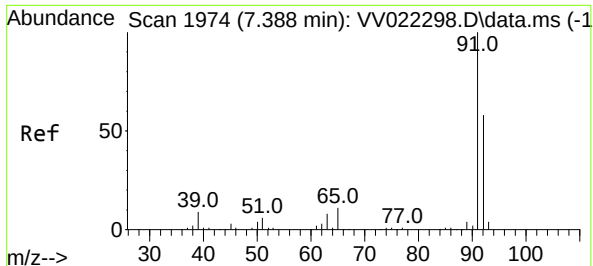
Tgt Ion: 75 Resp: 55445
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 52.058 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV022310.D
 Acq: 24 Sep 2021 02:16

Tgt Ion: 43 Resp: 288492
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.7 47.5
 100 16.0 12.2 18.4





#42

Toluene

Concen: 5.378 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV022310.D

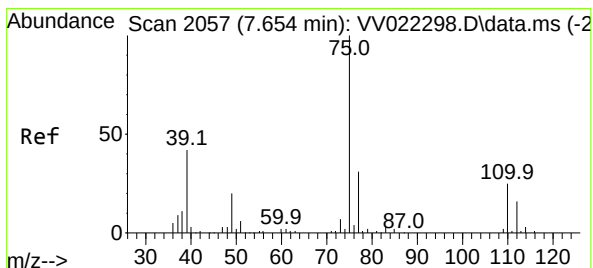
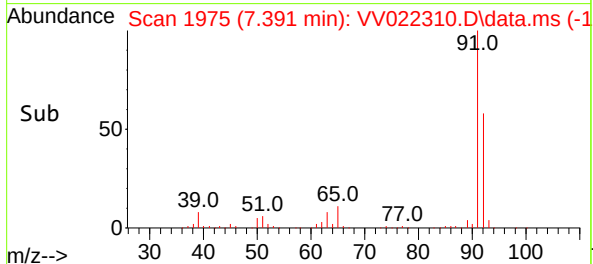
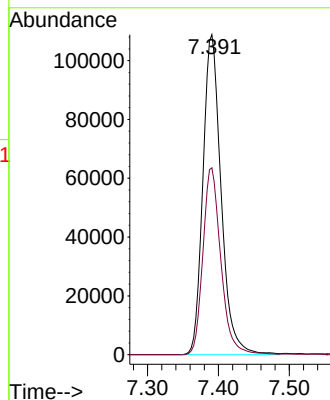
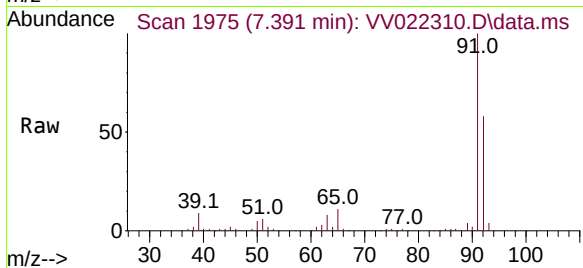
Acq: 24 Sep 2021 02:16

Tgt Ion: 91 Resp: 194066

Ion Ratio Lower Upper

91 100

92 58.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.809 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV022310.D

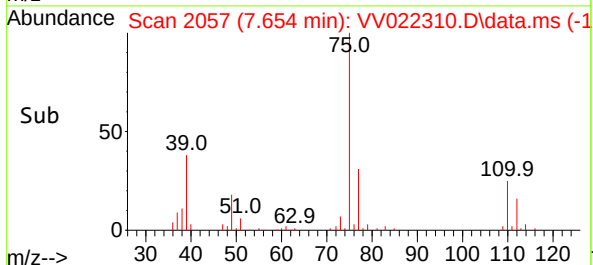
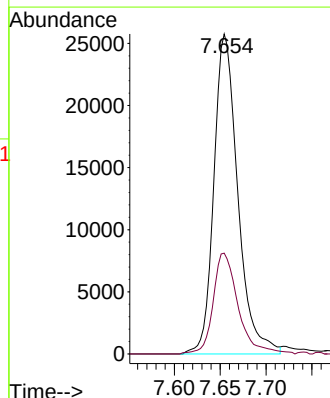
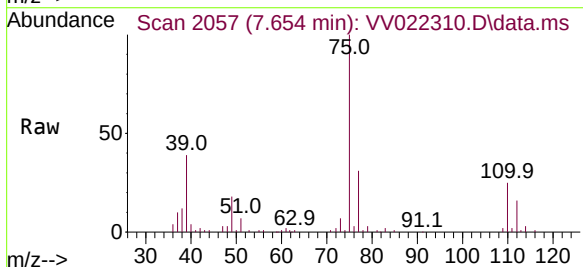
Acq: 24 Sep 2021 02:16

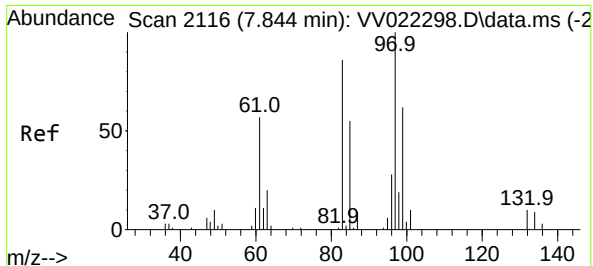
Tgt Ion: 75 Resp: 46743

Ion Ratio Lower Upper

75 100

77 31.5 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 5.204 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.003 min

Lab File: VV022310.D

Acq: 24 Sep 2021 02:16

Tgt Ion: 97 Resp: 33836

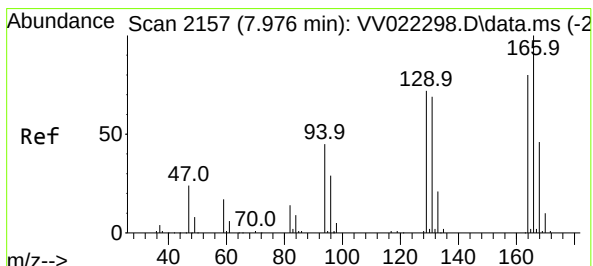
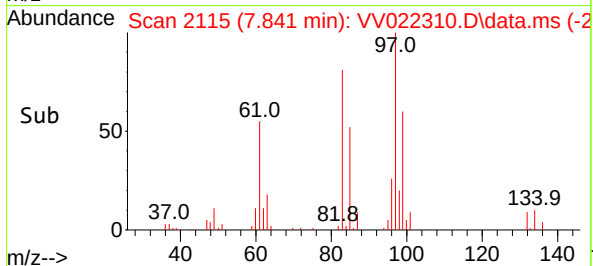
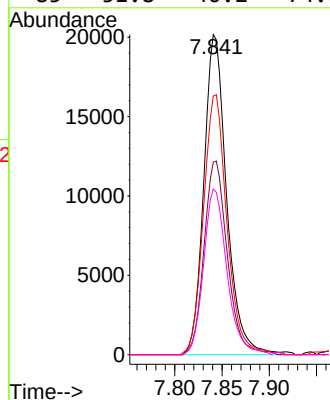
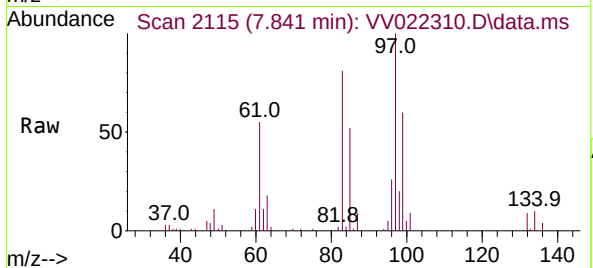
Ion Ratio Lower Upper

97 100

99 60.2 42.6 79.2

83 80.9 58.9 109.5

85 51.8 40.2 74.6



#47

Tetrachloroethene

Concen: 5.210 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022310.D

Acq: 24 Sep 2021 02:16

Tgt Ion: 164 Resp: 38245

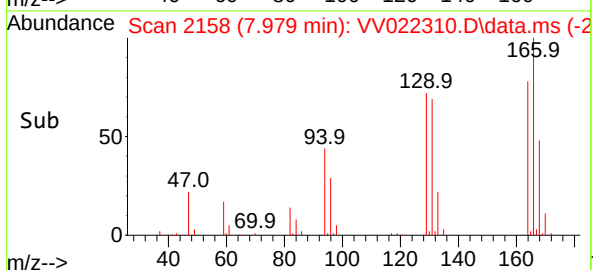
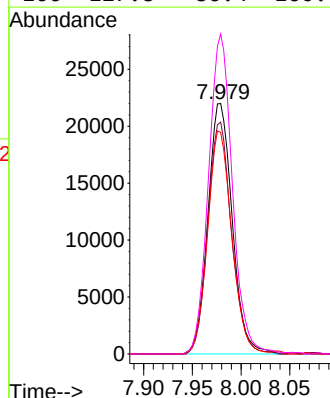
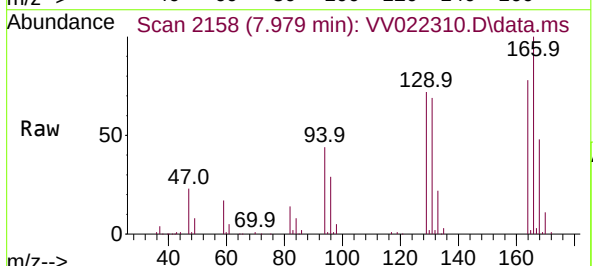
Ion Ratio Lower Upper

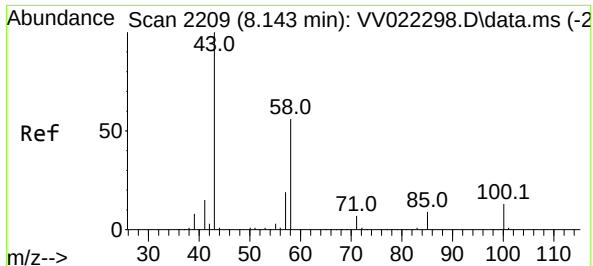
164 100

129 92.6 61.9 115.1

131 88.5 61.0 113.4

166 127.8 86.4 160.4



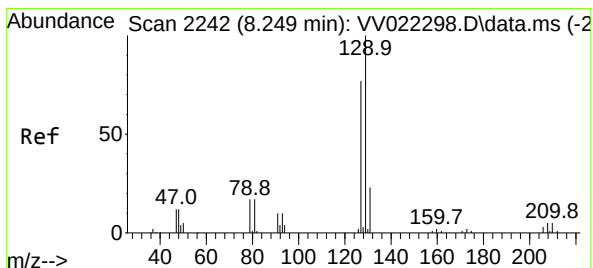
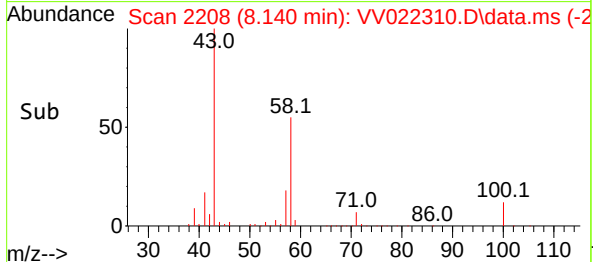
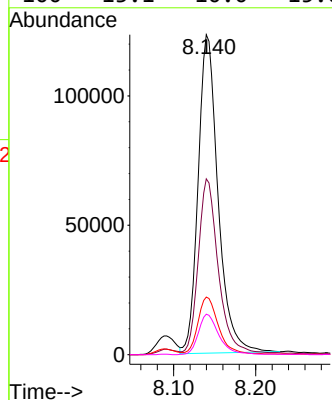
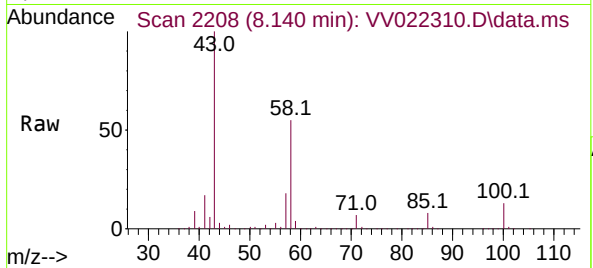


#48
2-Hexanone
Concen: 53.351 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 207747

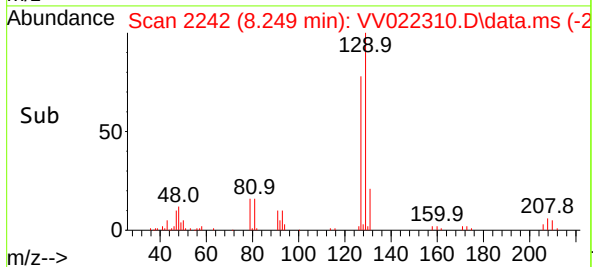
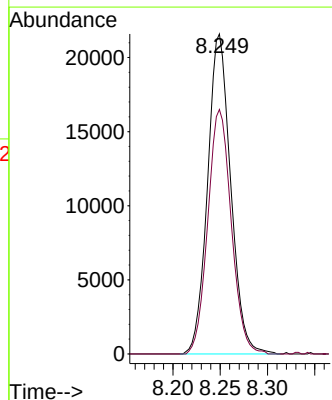
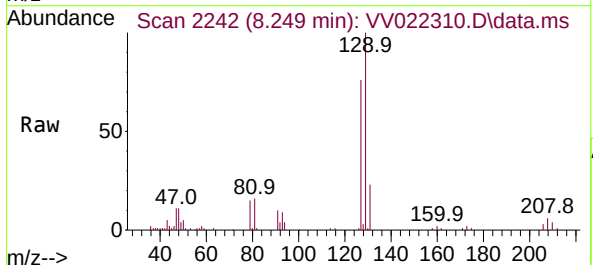
Ion	Ratio	Lower	Upper
43	100		
58	56.0	44.1	66.1
57	18.0	14.2	21.4
100	13.1	10.0	15.0

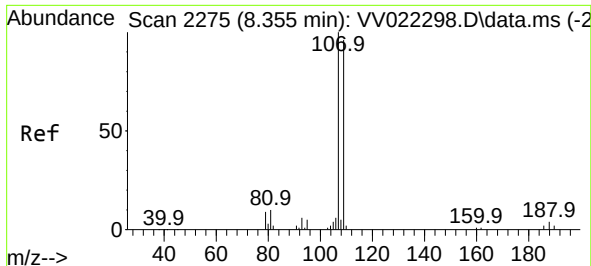


#49
Dibromochloromethane
Concen: 5.248 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 129 Resp: 36691

Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.5	101.3





#50

1,2-Dibromoethane

Concen: 5.248 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. -0.000 min

Lab File: VV022310.D

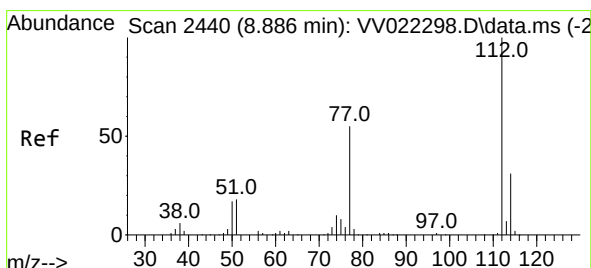
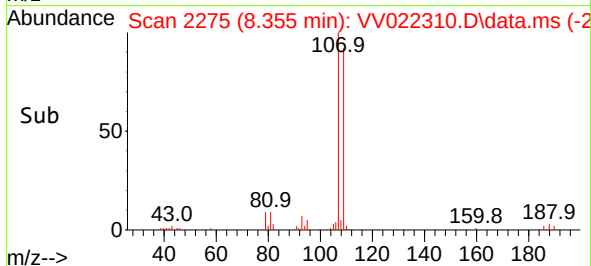
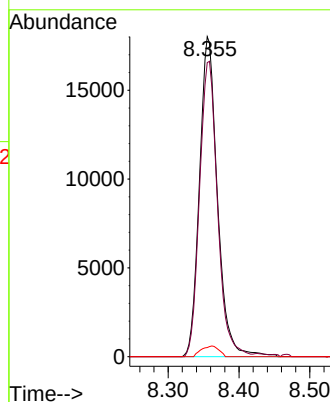
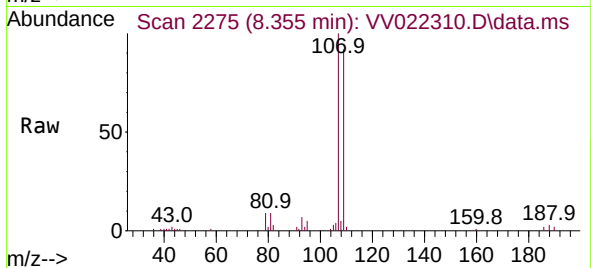
Acq: 24 Sep 2021 02:16

Instrument :

MSVOA_V

ClientSampled :

Tgt Ion:	107	Resp:	31726
Ion Ratio	Lower	Upper	
107	100		
109	91.9	62.8	116.6
188	2.9	2.8	4.2



#51

Chlorobenzene

Concen: 5.170 ug/L

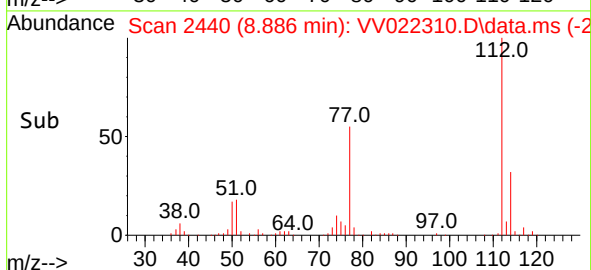
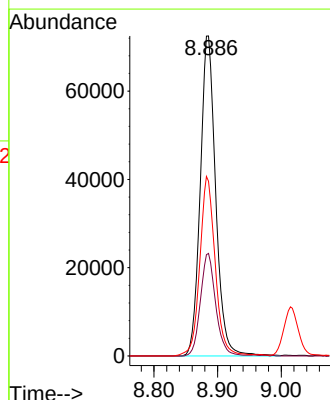
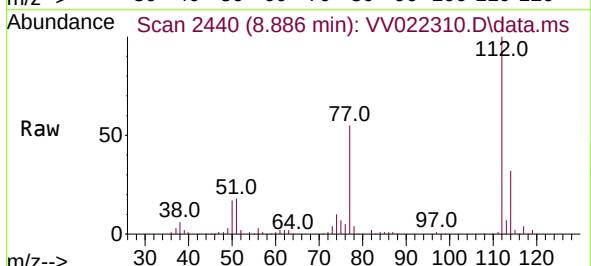
RT: 8.886 min Scan# 2440

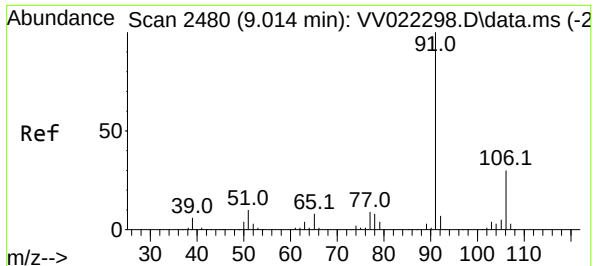
Delta R.T. -0.000 min

Lab File: VV022310.D

Acq: 24 Sep 2021 02:16

Tgt Ion:	112	Resp:	122530
Ion Ratio	Lower	Upper	
112	100		
114	32.1	23.4	43.4
77	54.6	45.2	67.8

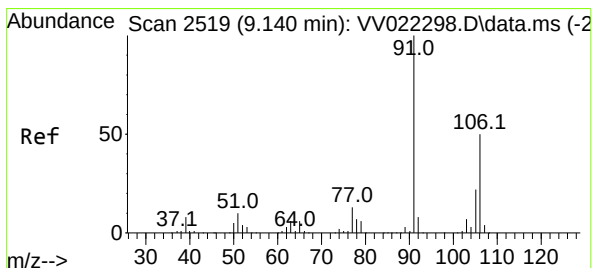
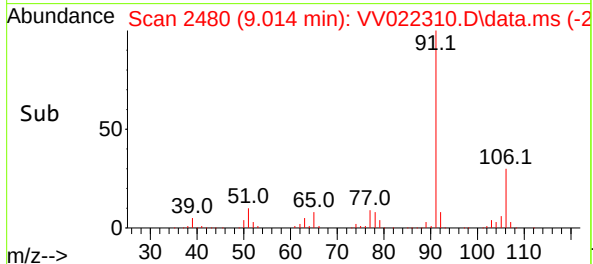
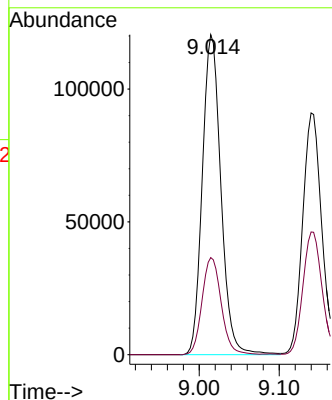
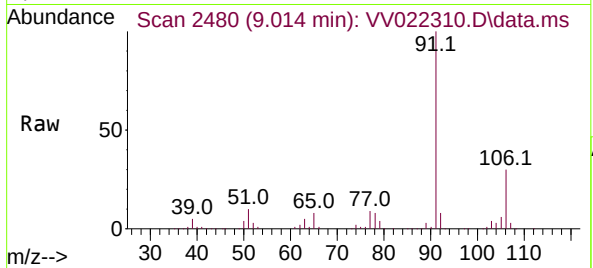




#52
Ethylbenzene
Concen: 5.201 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

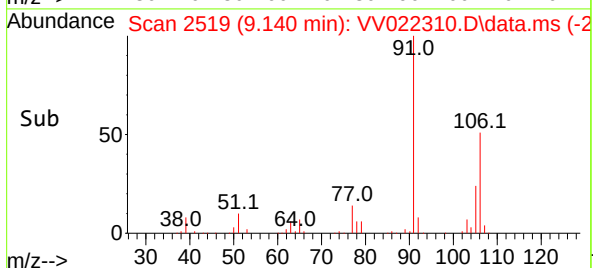
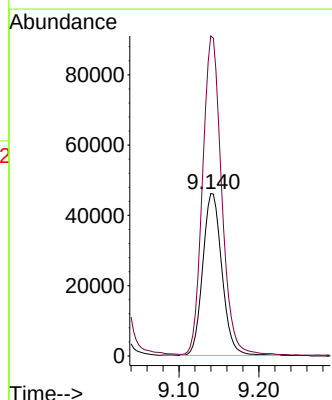
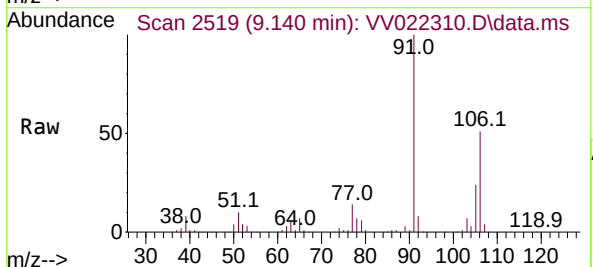
Instrument :
MSVOA_V
ClientSampleId :

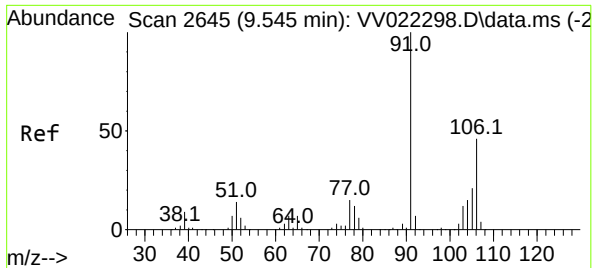
Tgt Ion: 91 Resp: 195209
Ion Ratio Lower Upper
91 100
106 30.4 22.0 40.8



#53
m,p-xylene
Concen: 5.297 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 106 Resp: 76779
Ion Ratio Lower Upper
106 100
91 197.1 142.7 264.9

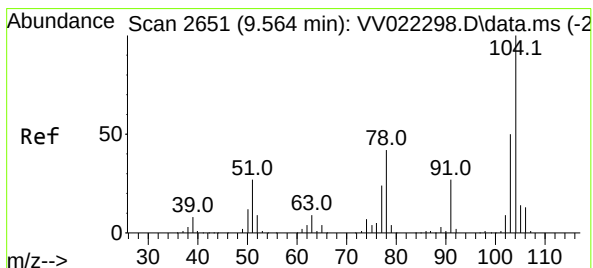
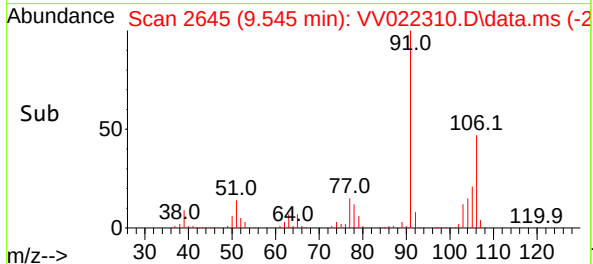
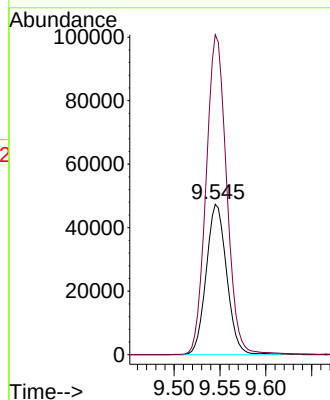
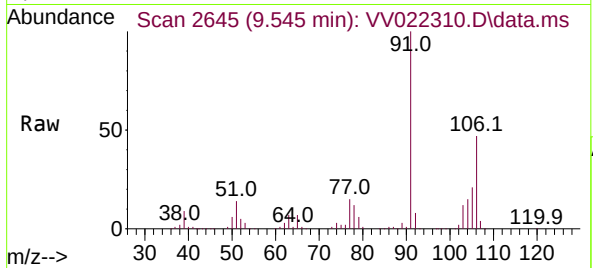




#54
o-xylene
Concen: 5.215 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

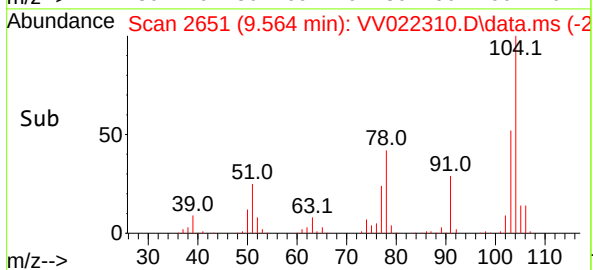
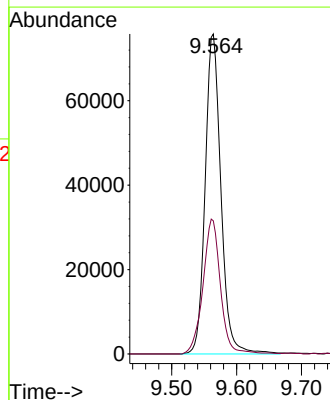
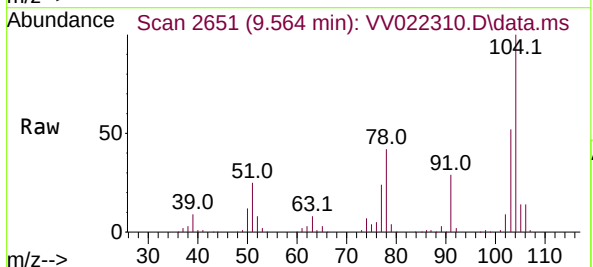
Instrument :
MSVOA_V
ClientSampled :

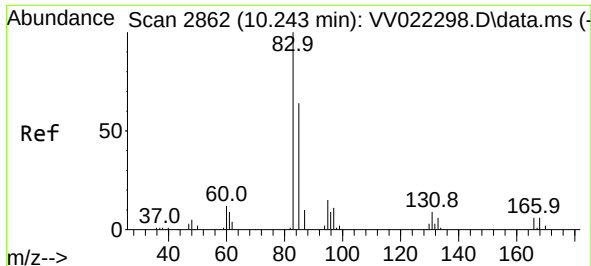
Tgt Ion:106 Resp: 73658
Ion Ratio Lower Upper
106 100
91 212.7 144.7 268.7



#55
Styrene
Concen: 5.471 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion:104 Resp: 128225
Ion Ratio Lower Upper
104 100
78 41.6 29.1 54.1

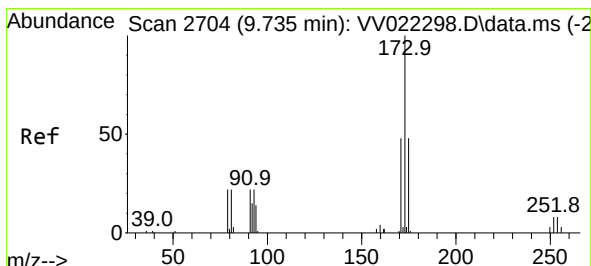
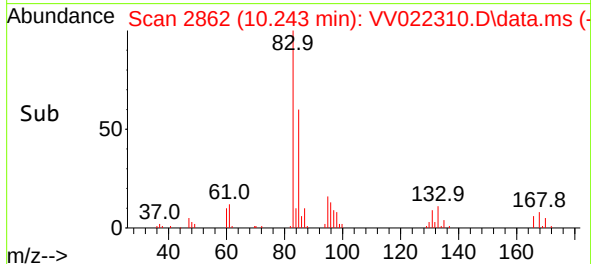
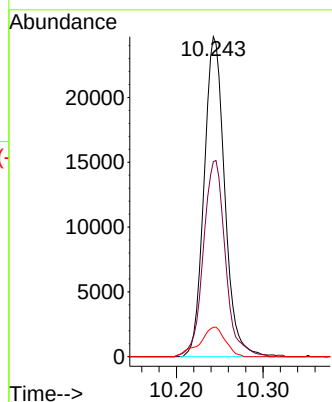
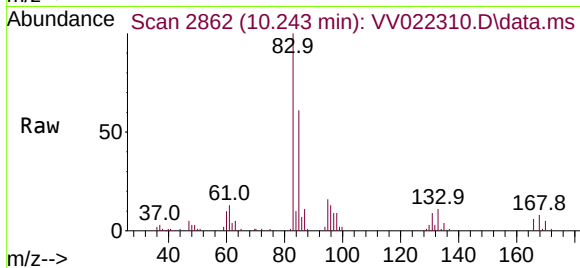




#57
1,1,2,2-Tetrachloroethane
Concen: 5.057 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

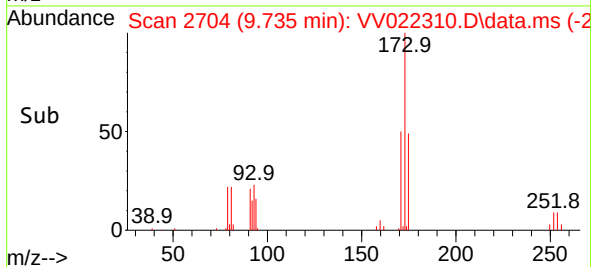
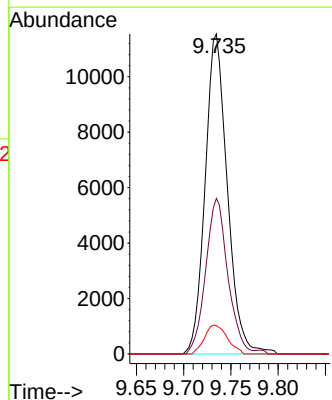
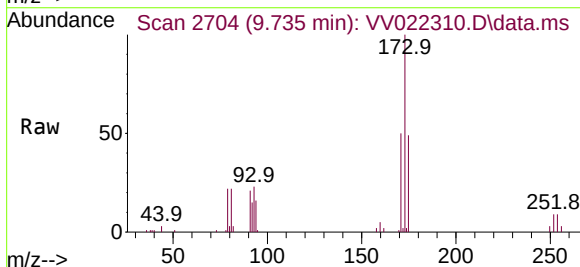
Instrument :
MSVOA_V
ClientSampled :

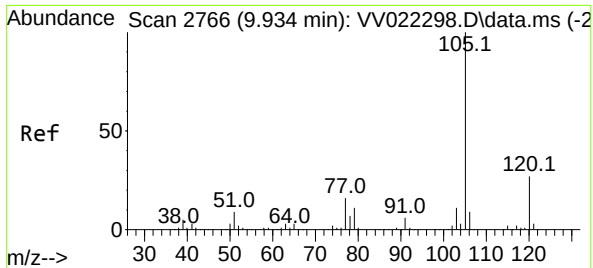
Tgt Ion: 83 Resp: 40823
Ion Ratio Lower Upper
83 100
85 60.9 45.3 84.1
131 9.2 8.9 13.3



#59
Bromoform
Concen: 4.995 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 173 Resp: 18832
Ion Ratio Lower Upper
173 100
175 48.6 40.9 61.3
254 9.3 7.4 11.2

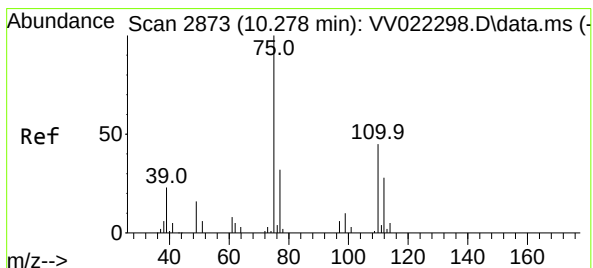
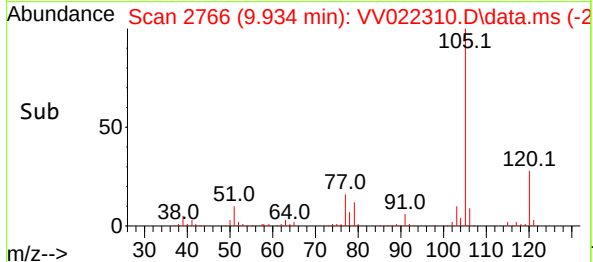
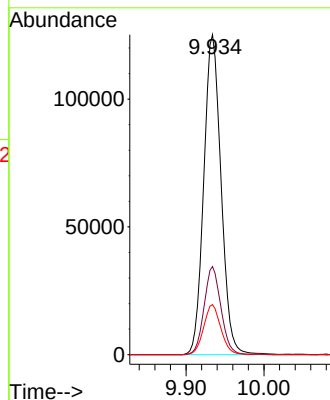
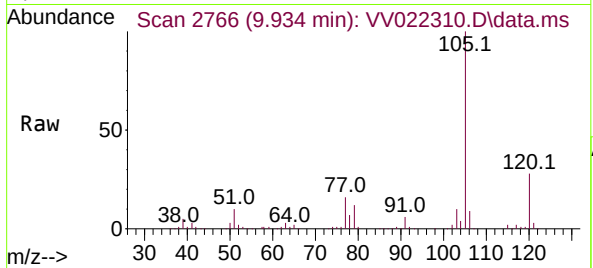




#60
Isopropylbenzene
Concen: 5.137 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

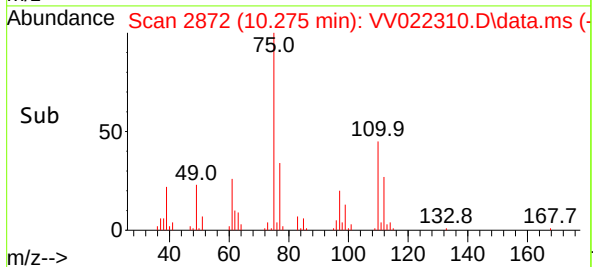
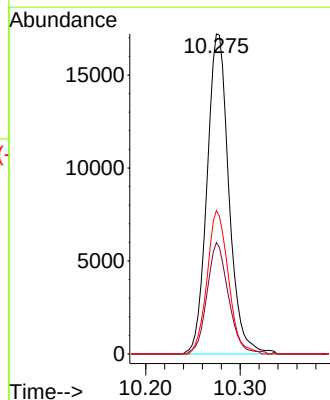
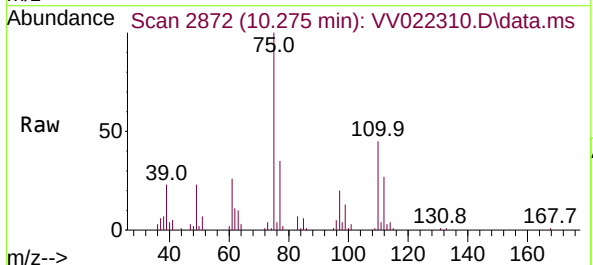
Instrument :
MSVOA_V
ClientSampleId :

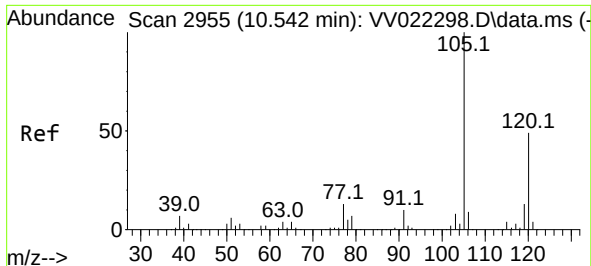
Tgt Ion:105 Resp: 193439
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.6 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.713 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 75 Resp: 27624
Ion Ratio Lower Upper
75 100
77 34.2 25.5 38.3
110 43.7 31.7 47.5

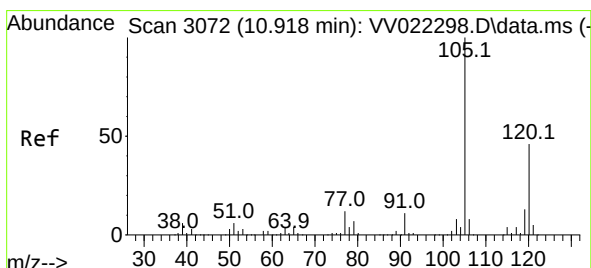
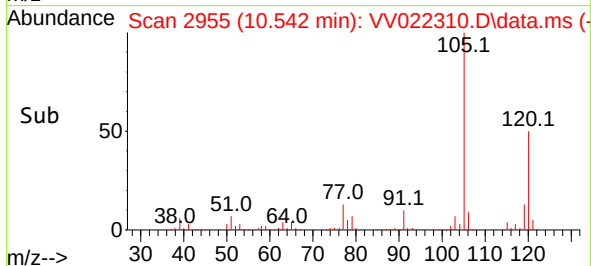
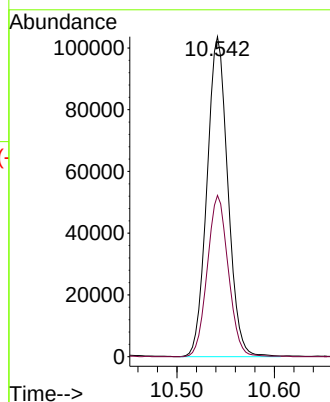
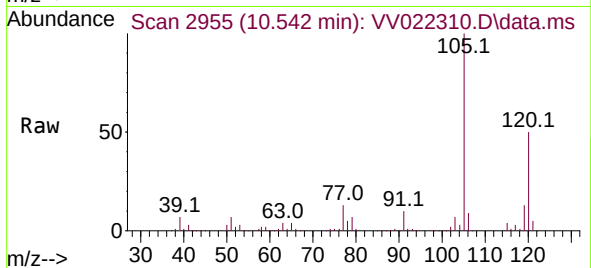




#62
1,3,5-Trimethylbenzene
Concen: 5.023 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

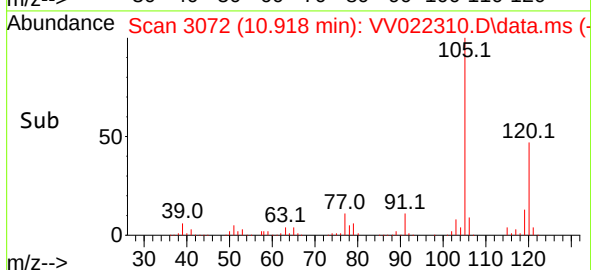
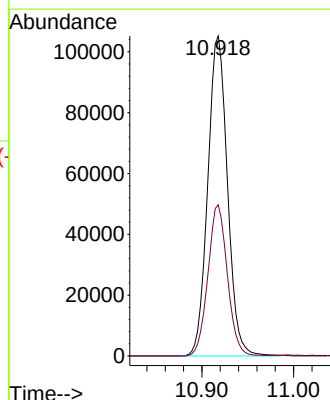
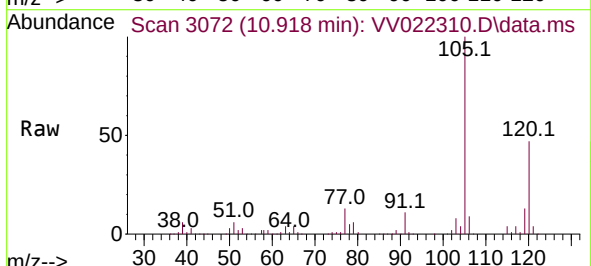
Instrument :
MSVOA_V
ClientSampled :

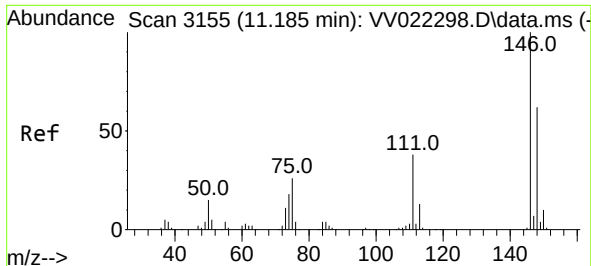
Tgt Ion:105 Resp: 154460
Ion Ratio Lower Upper
105 100
120 50.7 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 5.126 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion:105 Resp: 157110
Ion Ratio Lower Upper
105 100
120 46.7 37.0 55.6

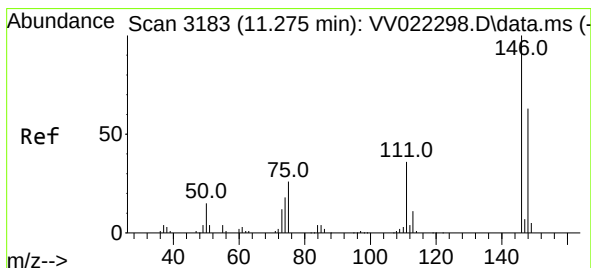
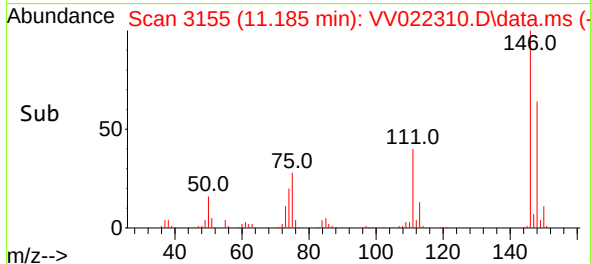
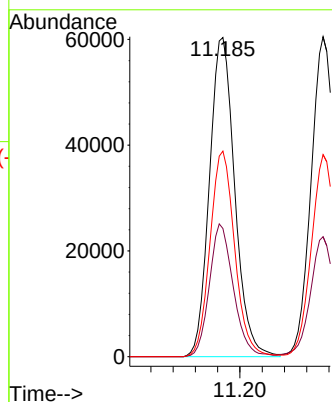
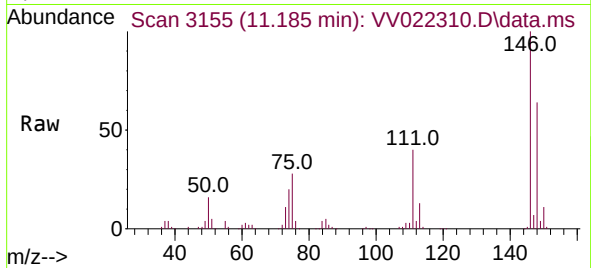




#64
1,3-Dichlorobenzene
Concen: 5.142 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

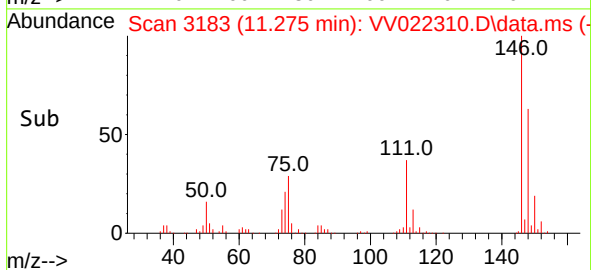
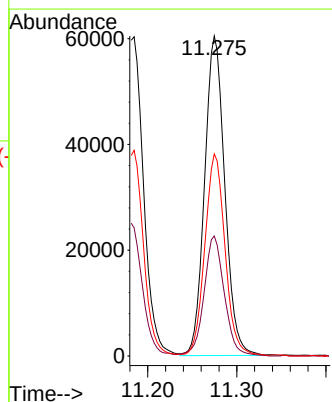
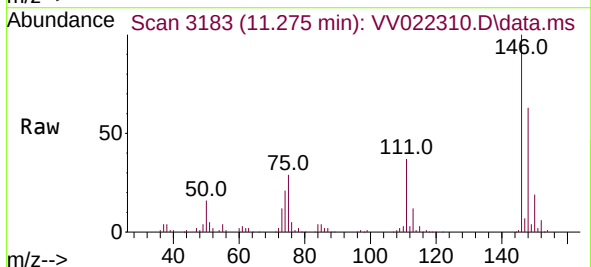
Instrument :
MSVOA_V
ClientSampleId :

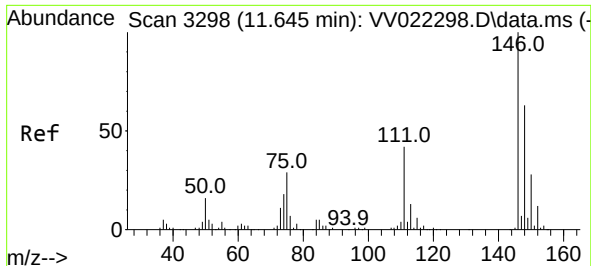
Tgt Ion:146 Resp: 95292
Ion Ratio Lower Upper
146 100
111 40.2 26.7 49.5
148 64.4 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.066 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion:146 Resp: 95143
Ion Ratio Lower Upper
146 100
111 37.5 25.5 47.3
148 63.2 42.6 79.0

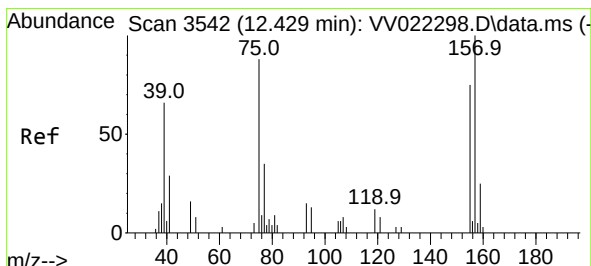
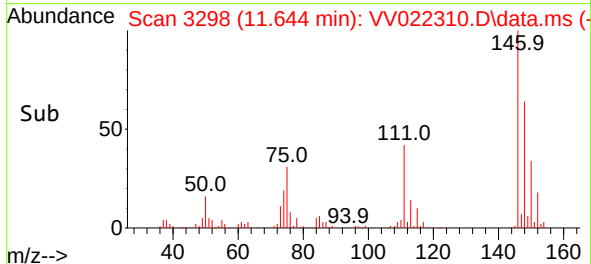
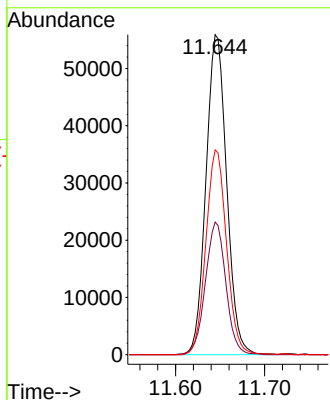
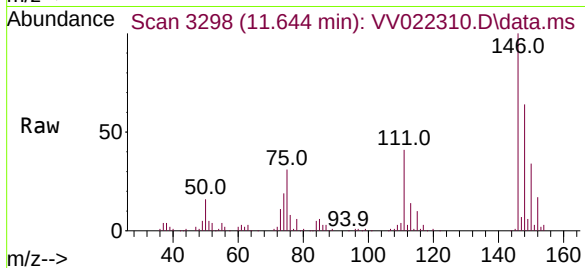




#67
1,2-Dichlorobenzene
Concen: 5.097 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

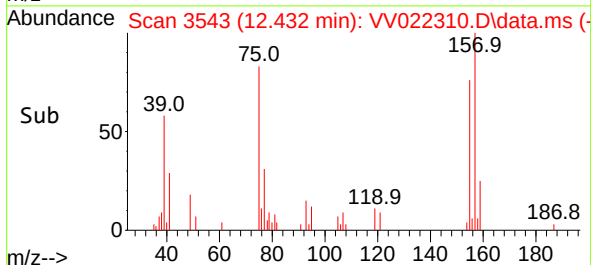
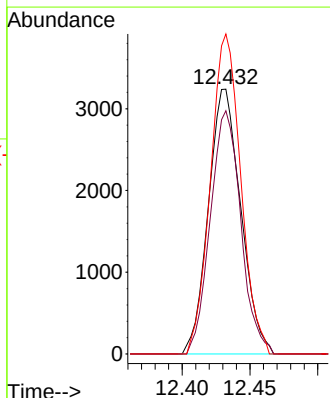
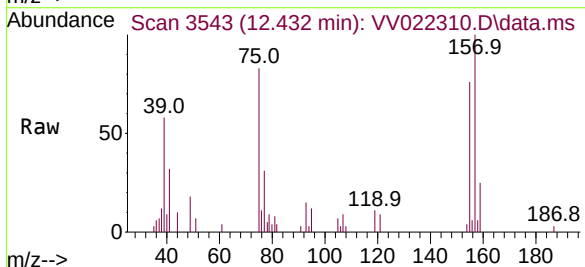
Instrument :
MSVOA_V
ClientSampled :

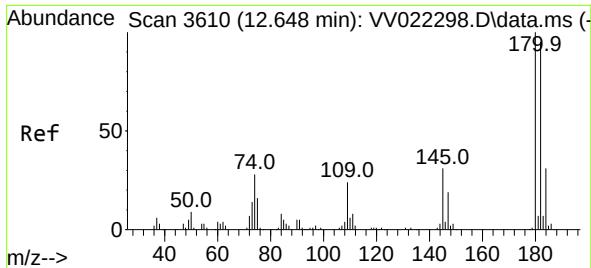
Tgt Ion:146 Resp: 90048
Ion Ratio Lower Upper
146 100
111 41.4 30.8 46.2
148 64.0 49.1 73.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.621 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion: 75 Resp: 5384
Ion Ratio Lower Upper
75 100
155 91.8 75.6 113.4
157 120.9 92.6 139.0

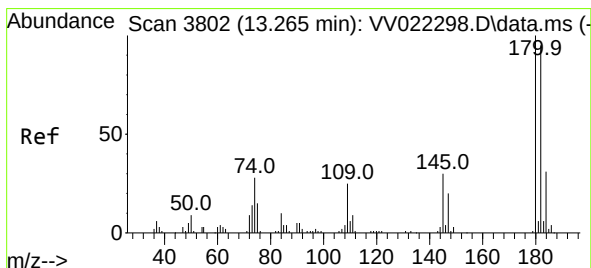
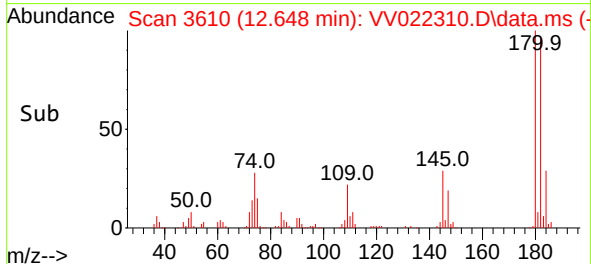
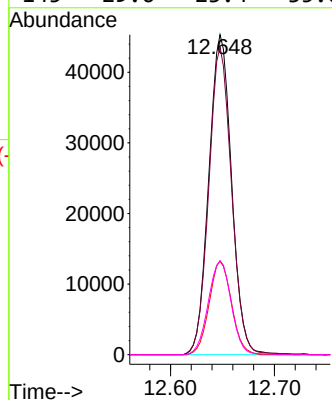
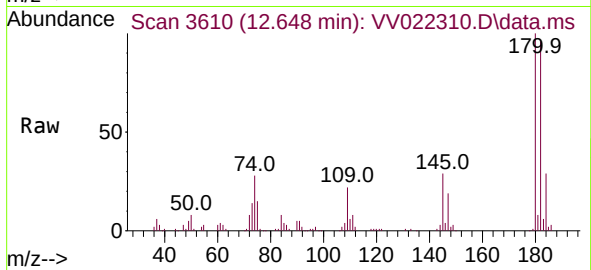




#69
 1,3,5-Trichlorobenzene
 Concen: 4.898 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV022310.D
 Acq: 24 Sep 2021 02:16

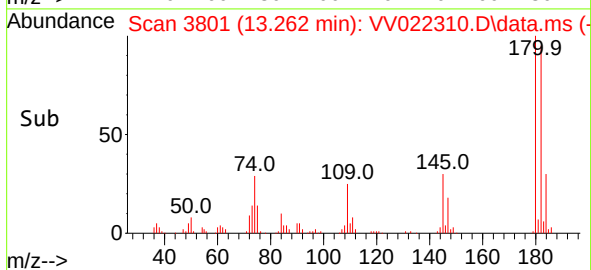
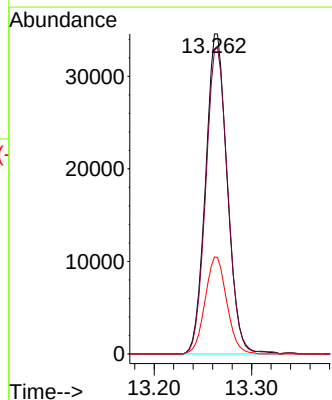
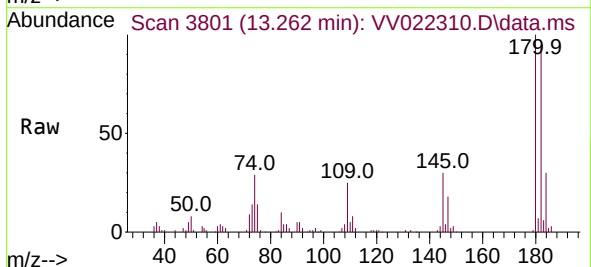
Instrument :
 MSVOA_V
 ClientSampleId :

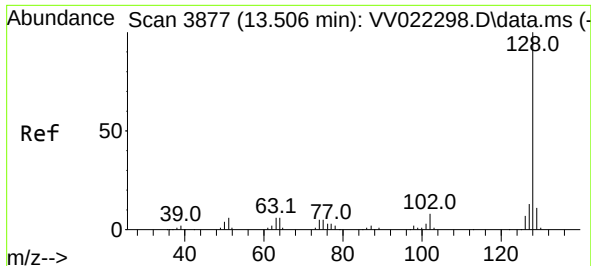
Tgt Ion:180	Resp:	68854
Ion Ratio	Lower	Upper
180	100	
182	95.8	74.6 112.0
184	28.7	24.0 36.0
145	29.6	23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.768 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.003 min
 Lab File: VV022310.D
 Acq: 24 Sep 2021 02:16

Tgt Ion:180	Resp:	53397
Ion Ratio	Lower	Upper
180	100	
182	96.6	73.1 109.7
145	30.3	23.6 35.4

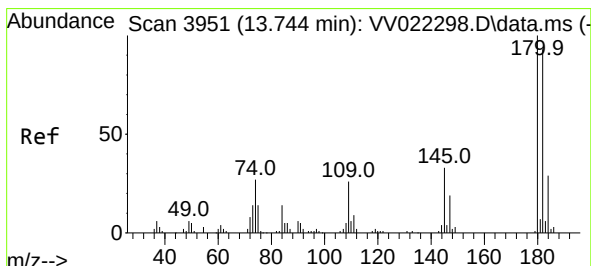
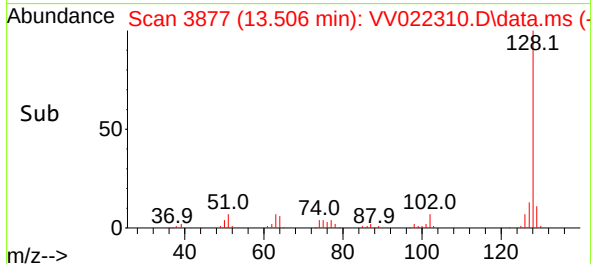
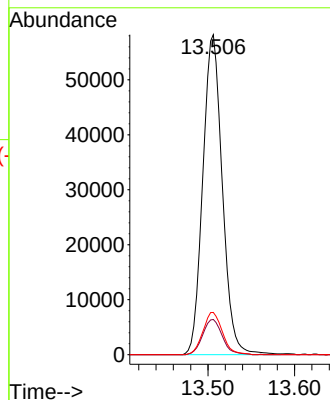
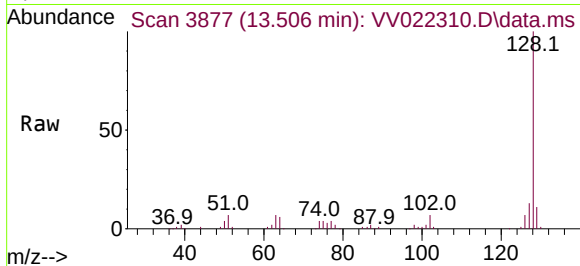




#71
Naphthalene
Concen: 4.480 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	91173
Ion Ratio	Lower	Upper
128	100	
129	11.1	9.0 13.4
127	13.2	9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 4.892 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022310.D
Acq: 24 Sep 2021 02:16

Tgt Ion:180	Resp:	51205
Ion Ratio	Lower	Upper
180	100	
182	97.0	76.9 115.3
145	32.9	26.0 39.0

