

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
 Data File : VV021903.D
 Acq On : 20 Aug 2021 09:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 21 00:47:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	454716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	419103	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	222025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143025	40.234	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.460%
7) Chloroethane-d5	1.558	69	110849	41.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.640%
11) 1,1-Dichloroethene-d2	2.104	63	235283	41.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.160%
21) 2-Butanone-d5	3.870	46	199570	90.268	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.270%
24) Chloroform-d	4.342	84	272226	44.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.027	65	155991	44.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.060%
32) Benzene-d6	5.047	84	541447	44.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
36) 1,2-Dichloropropane-d6	6.066	67	170983	45.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	7.313	98	499581	44.848	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
43) trans-1,3-Dichloroprop...	7.619	79	80962	43.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.660%
47) 2-Hexanone-d5	8.085	63	125537	102.057	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	230960	49.659	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.320%
66) 1,2-Dichlorobenzene-d4	11.625	152	208323	45.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151760	43.139	ug/L	99
3) Chloromethane	1.240	50	154339	42.245	ug/L	99
5) Vinyl chloride	1.307	62	156105	43.393	ug/L	100
6) Bromomethane	1.506	94	96398	44.581	ug/L	98
8) Chloroethane	1.574	64	94024	43.737	ug/L	98
9) Trichlorofluoromethane	1.748	101	216464	43.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	125121	44.337	ug/L	100
12) 1,1-Dichloroethene	2.114	96	116577	43.370	ug/L	93
13) Acetone	2.156	43	197693	108.673	ug/L #	100
14) Carbon disulfide	2.288	76	383534	42.407	ug/L	100
15) Methyl Acetate	2.423	43	158061	47.295	ug/L	100
16) Methylene chloride	2.500	84	154674	41.370	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	143116	45.374	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	447130	46.094	ug/L	100
19) 1,1-Dichloroethane	3.185	63	257030	45.779	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	157377	43.089	ug/L	99
22) 2-Butanone	3.950	43	254138	95.927	ug/L	97
23) Bromochloromethane	4.243	128	83152	42.911	ug/L	98
25) Chloroform	4.371	83	258475	42.784	ug/L	99

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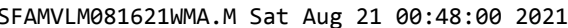
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 ClientSampleId :

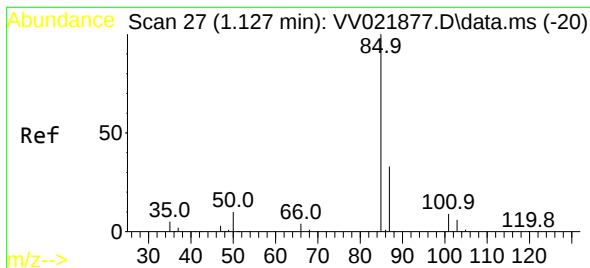
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	180449	42.393	ug/L	97
29) Cyclohexane	4.674	56	229957	44.551	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	227100	43.304	ug/L	99
31) Carbon tetrachloride	4.825	117	199405	43.943	ug/L	100
33) Benzene	5.095	78	578147	44.828	ug/L	100
34) Trichloroethene	5.911	95	153228	41.344	ug/L	99
35) Methylcyclohexane	6.130	83	249029	46.056	ug/L	98
37) 1,2-Dichloropropane	6.172	63	143177	43.843	ug/L	100
38) Bromodichloromethane	6.506	83	186622	43.358	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	226773	43.854	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	390524	86.934	ug/L	98
42) Toluene	7.387	91	617082	44.799	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	212774	43.662	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	144648	44.216	ug/L	99
46) Tetrachloroethene	7.976	164	124410	45.168	ug/L	99
48) 2-Hexanone	8.136	43	323112	92.857	ug/L	97
49) Dibromochloromethane	8.246	129	157980	43.738	ug/L	98
50) 1,2-Dibromoethane	8.352	107	159412	44.778	ug/L	98
51) Chlorobenzene	8.879	112	400199	44.498	ug/L	99
52) Ethylbenzene	9.011	91	662476	45.081	ug/L	99
53) m,p-Xylene	9.136	106	258698	45.423	ug/L	99
54) o-Xylene	9.545	106	252211	44.675	ug/L	99
55) Styrene	9.561	104	434469	45.958	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	222650	48.889	ug/L	98
59) Bromoform	9.731	173	110634	41.917	ug/L	99
60) Isopropylbenzene	9.931	105	668259	44.894	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	178216	43.435	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	563726	45.130	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	577909	45.502	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	323511	44.879	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	319561	44.412	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	321938	44.272	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	44418	44.526	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	236734	45.306	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	201262	45.926	ug/L	100
71) Naphthalene	13.503	128	605864	47.595	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	200058	45.443	ug/L	99

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

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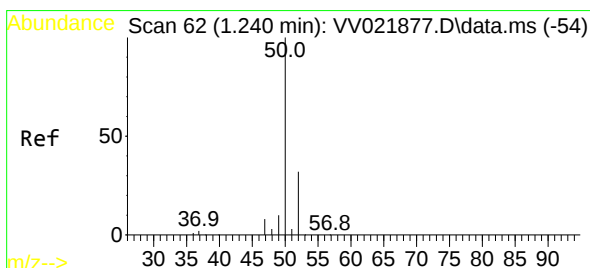
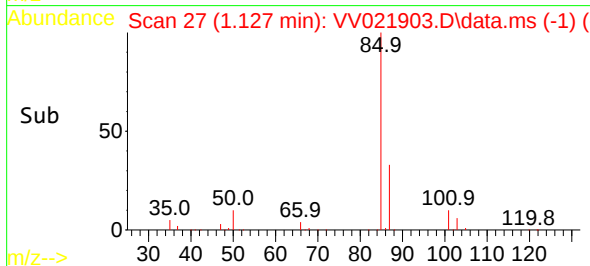
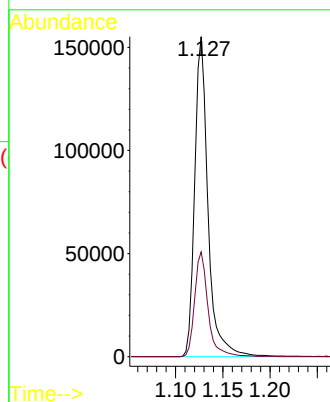
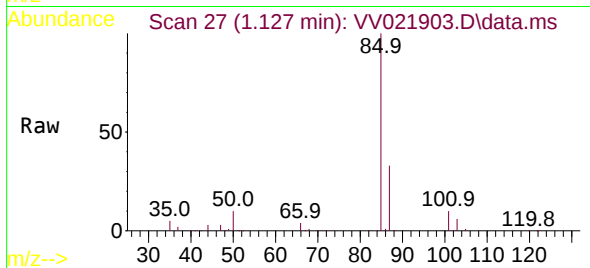




#2
 Dichlorodifluoromethane
 Concen: 43.139 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021903.D
 Acq: 20 Aug 2021 09:35

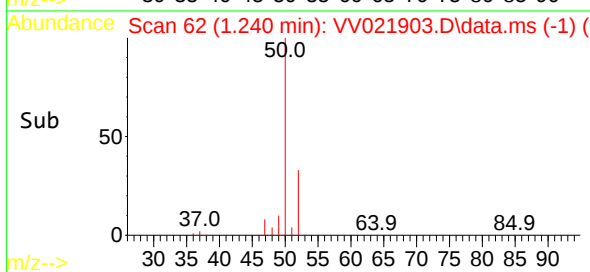
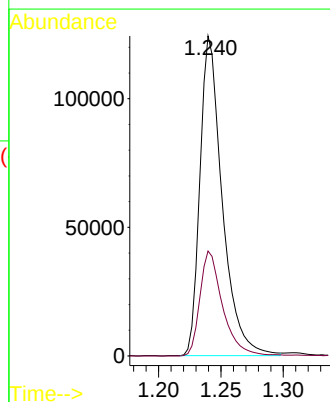
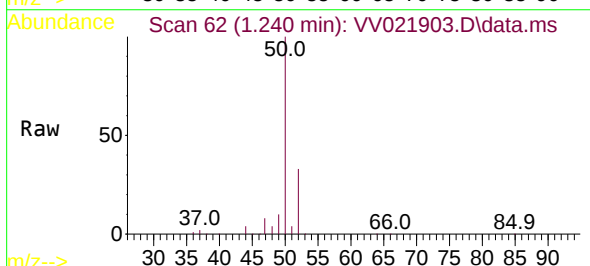
Instrument :
 MSVOA_V
 ClientSampled :

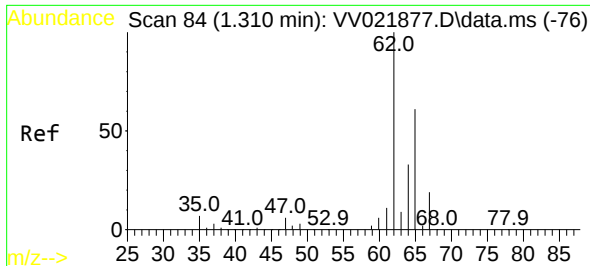
Tgt Ion: 85 Resp: 151760
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 42.245 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021903.D
 Acq: 20 Aug 2021 09:35

Tgt Ion: 50 Resp: 154339
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1

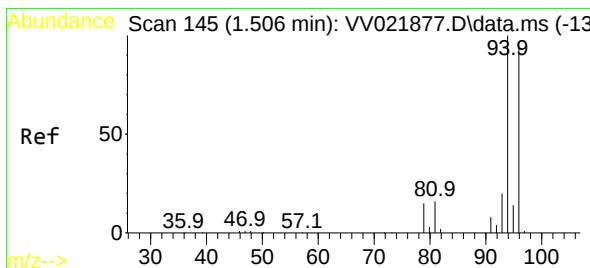
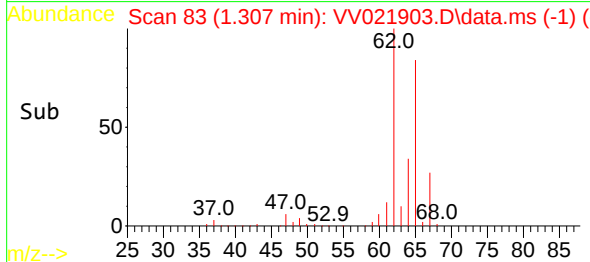
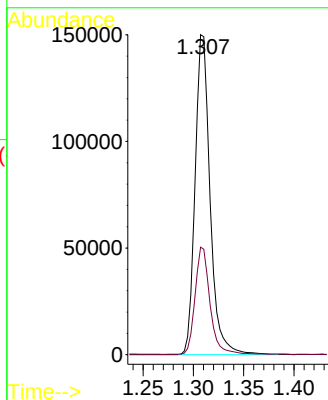
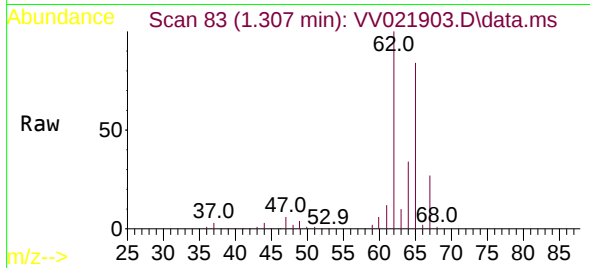




#5
 Vinyl chloride
 Concen: 43.393 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021903.D
 Acq: 20 Aug 2021 09:35

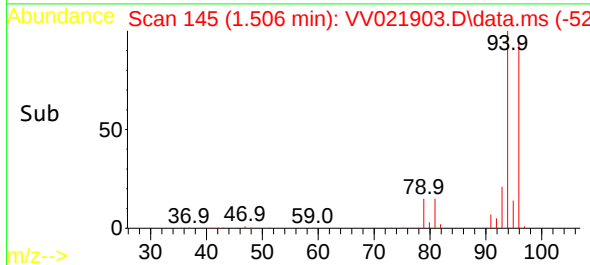
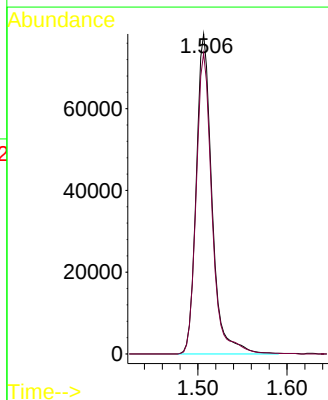
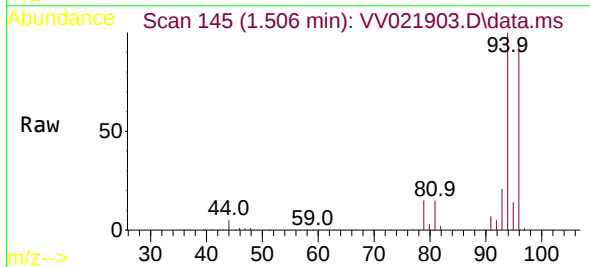
Instrument :
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 ClientSampled :

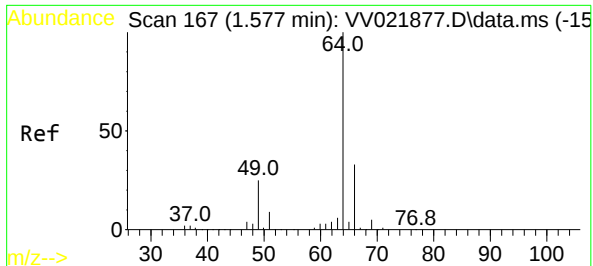
Tgt Ion: 62 Resp: 156105
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 44.581 ug/L
 RT: 1.506 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VV021903.D
 Acq: 20 Aug 2021 09:35

Tgt Ion: 94 Resp: 96398
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.8 120.3

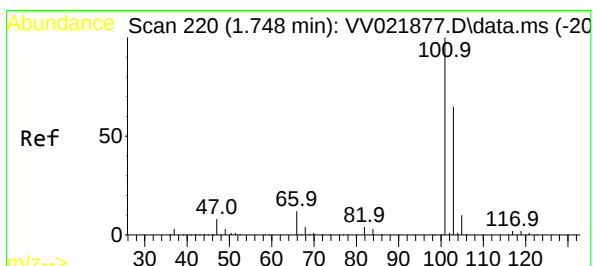
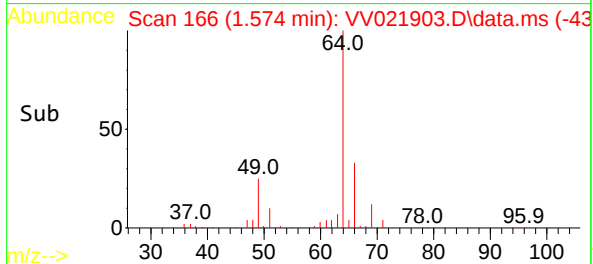
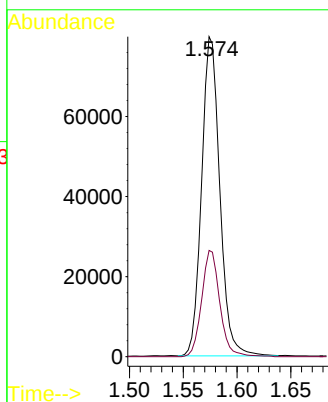
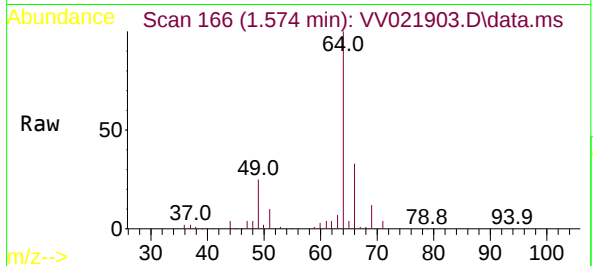




#8
Chloroethane
Concen: 43.737 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

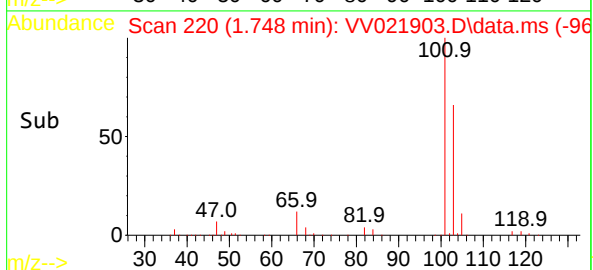
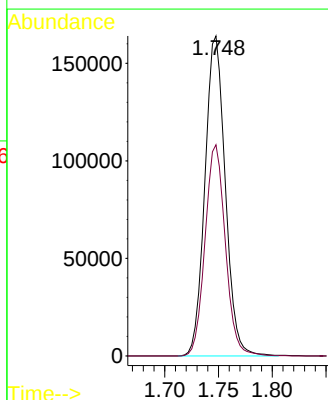
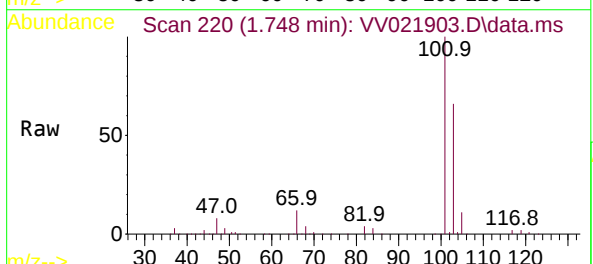
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MSVOA_V
ClientSampled :

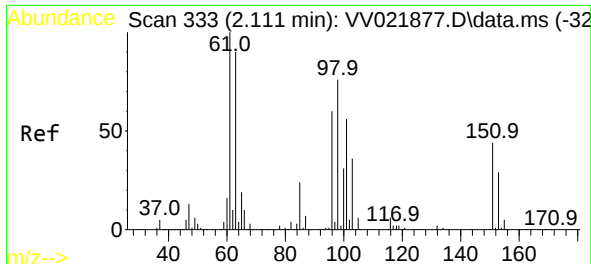
Tgt Ion: 64 Resp: 94024
Ion Ratio Lower Upper
64 100
66 33.2 22.6 42.0



#9
Trichlorofluoromethane
Concen: 43.916 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion:101 Resp: 216464
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

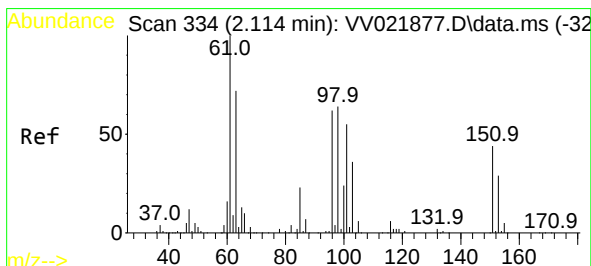
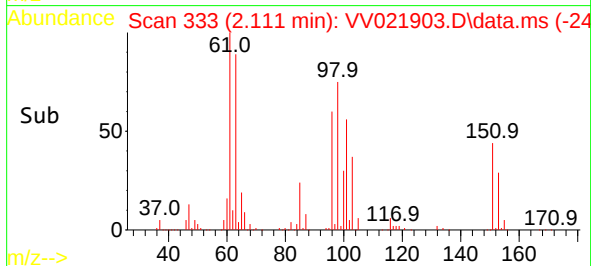
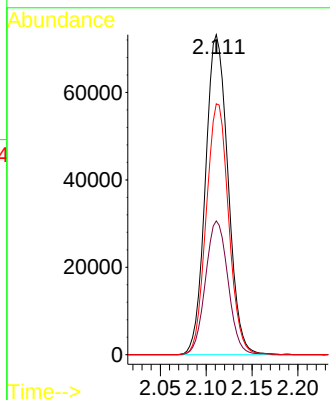
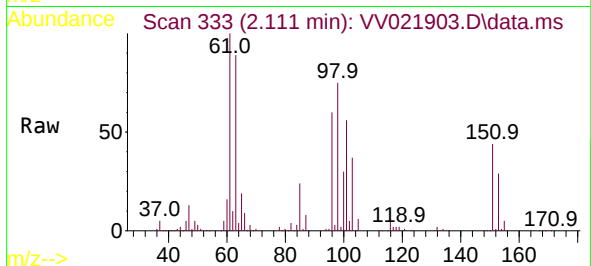




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.337 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

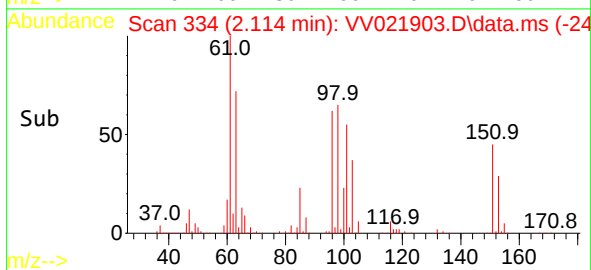
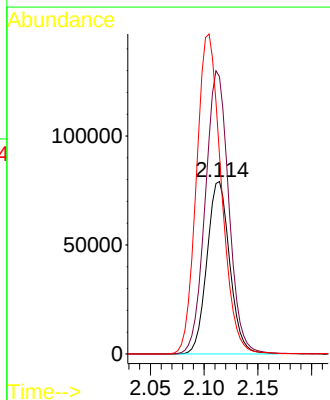
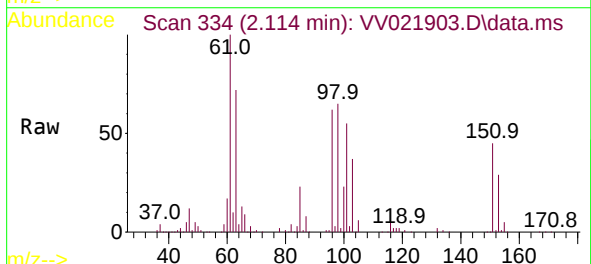
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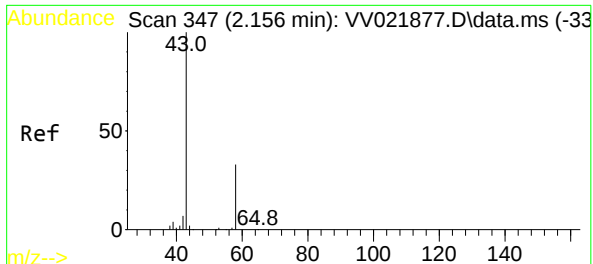
Tgt Ion:101 Resp: 125121
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.2
151 78.0 62.2 93.2



#12
1,1-Dichloroethene
Concen: 43.370 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 96 Resp: 116577
Ion Ratio Lower Upper
96 100
61 160.7 115.5 214.5
63 115.5 90.3 167.7





#13

Acetone

Concen: 108.673 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV021903.D

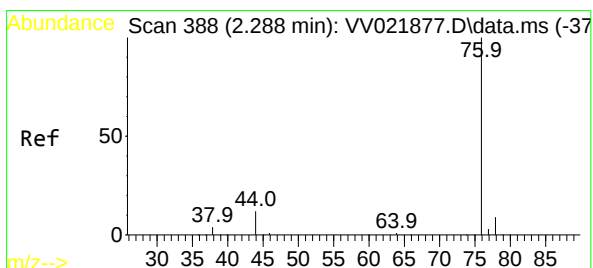
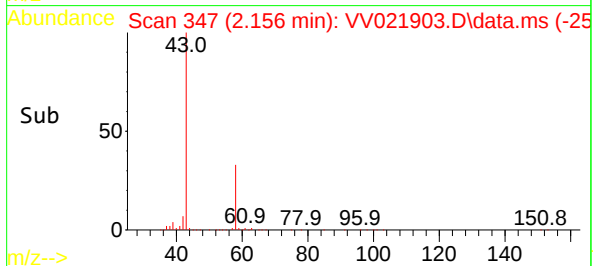
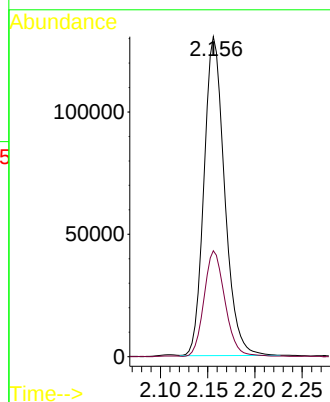
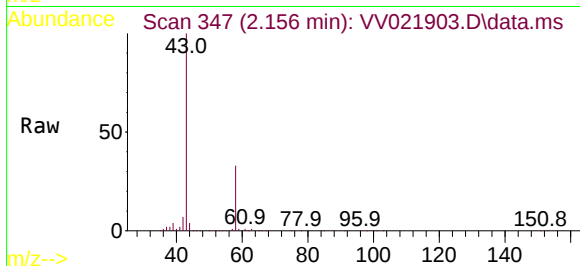
Acq: 20 Aug 2021 09:35

Tgt Ion: 43 Resp: 197693

Ion Ratio Lower Upper

43 100

58 33.6 0.0 0.0#



#14

Carbon disulfide

Concen: 42.407 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV021903.D

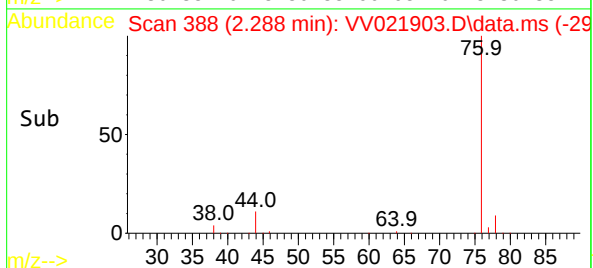
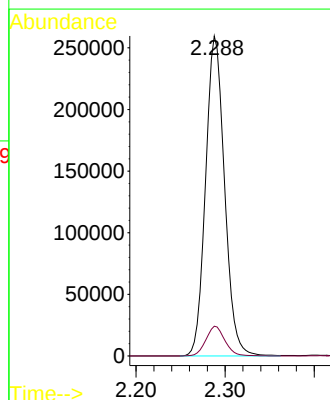
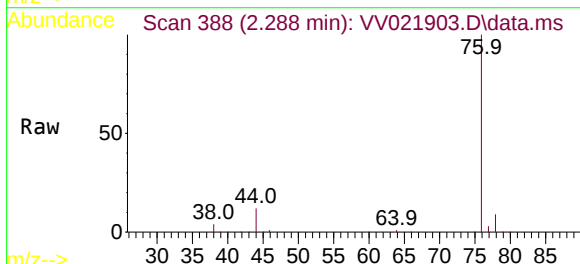
Acq: 20 Aug 2021 09:35

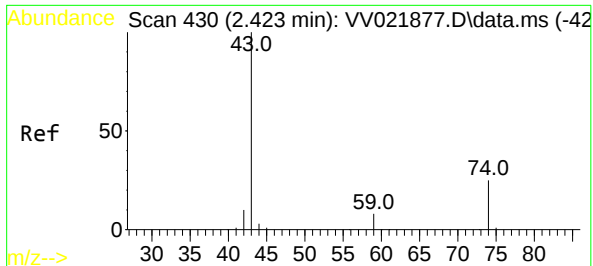
Tgt Ion: 76 Resp: 383534

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

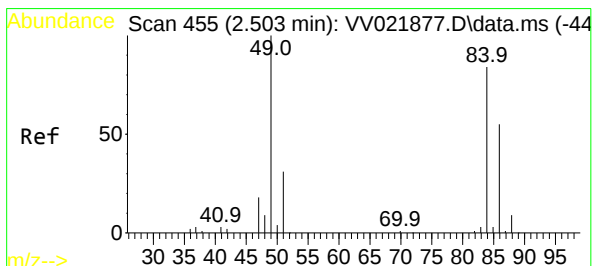
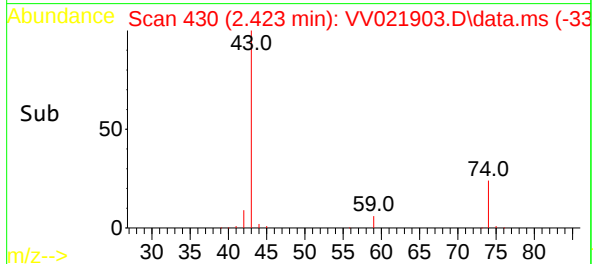
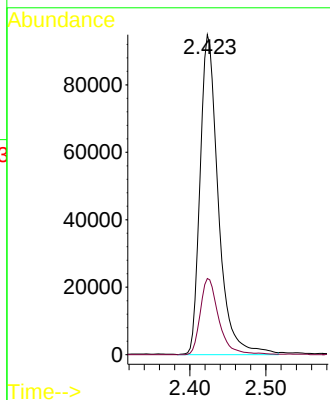
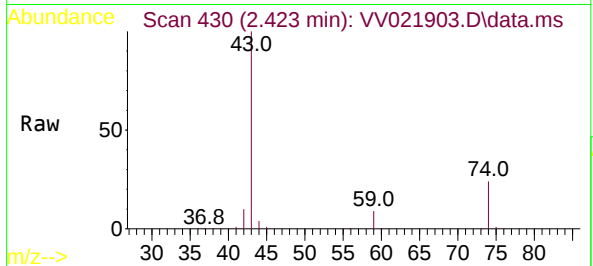




#15
Methyl Acetate
Concen: 47.295 ug/L
RT: 2.423 min Scan# 430
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

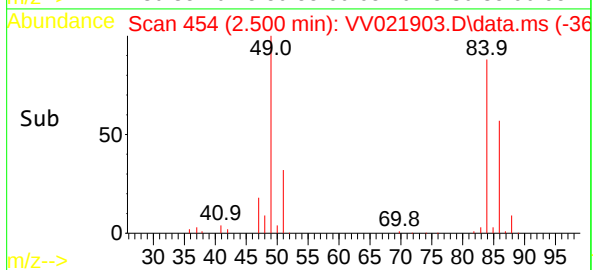
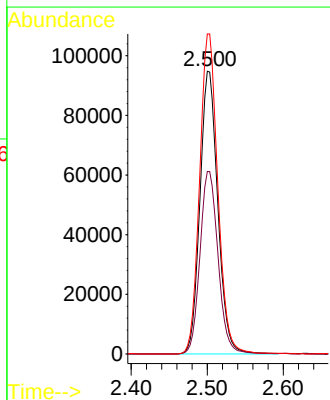
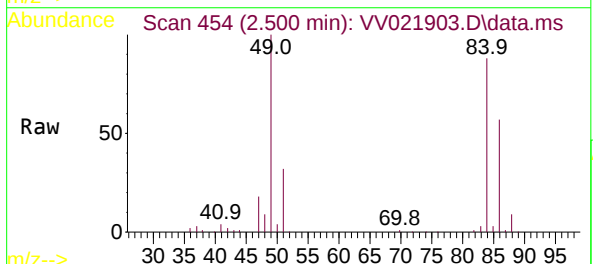
Instrument :
MSVOA_V
ClientSampled :

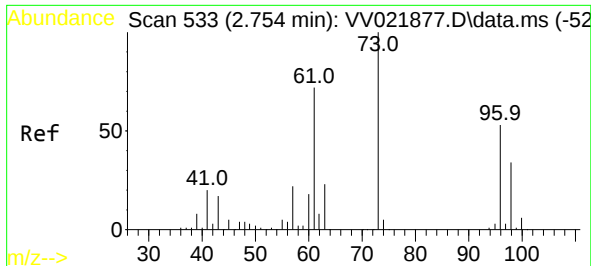
Tgt Ion: 43 Resp: 158061
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 41.370 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 84 Resp: 154674
Ion Ratio Lower Upper
84 100
86 64.5 44.7 83.1
49 113.2 82.5 153.3

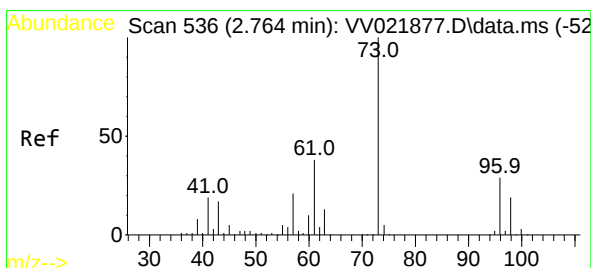
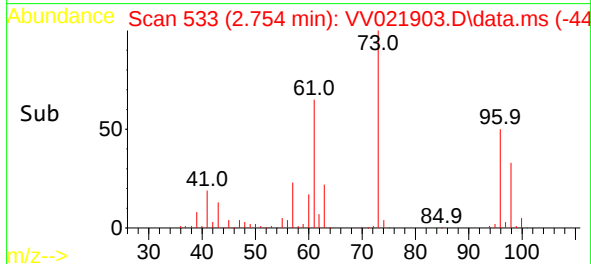
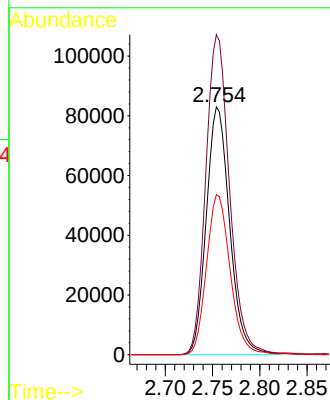
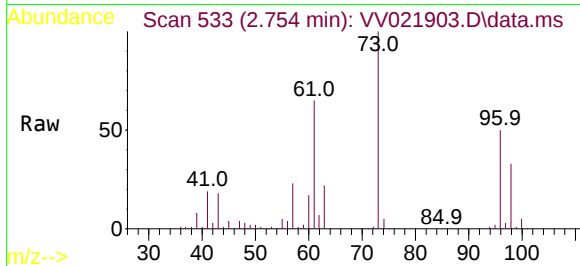




#17
trans-1,2-Dichloroethene
Concen: 45.374 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

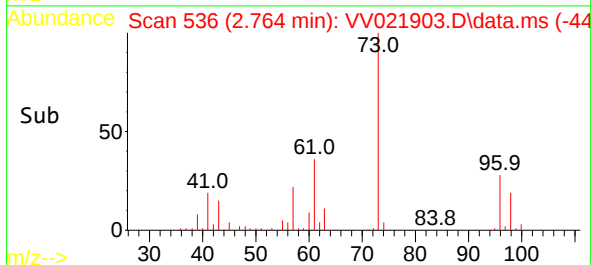
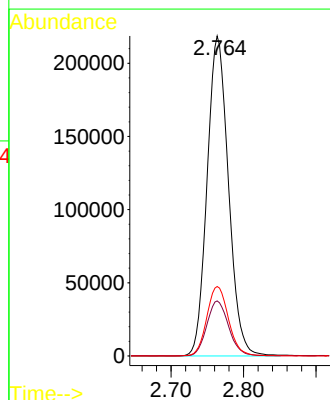
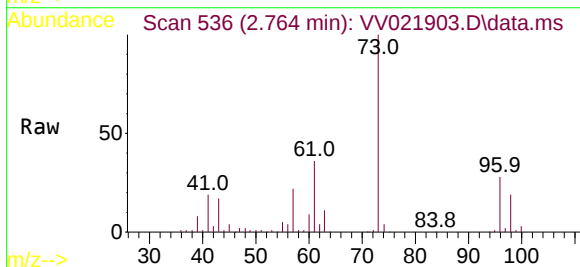
Instrument :
MSVOA_V
ClientSampled :

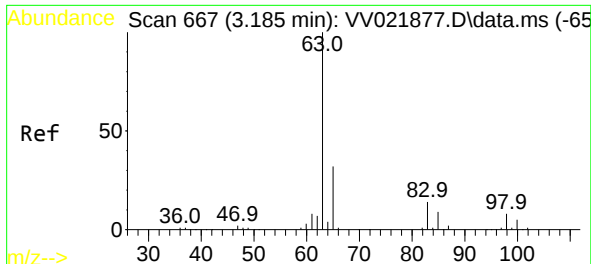
Tgt Ion: 96 Resp: 143116
Ion Ratio Lower Upper
96 100
61 129.1 90.4 168.0
98 64.6 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 46.094 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 73 Resp: 447130
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.4
57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 45.779 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV021903.D

Acq: 20 Aug 2021 09:35

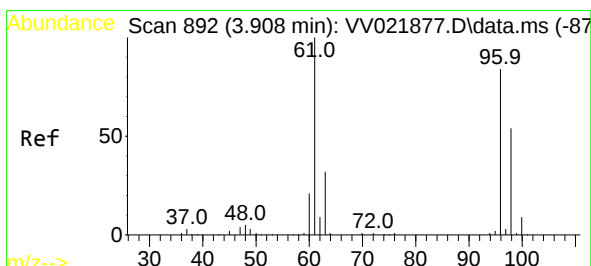
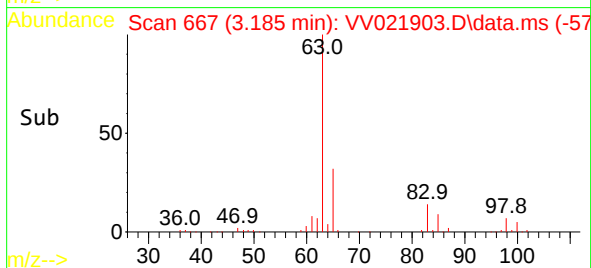
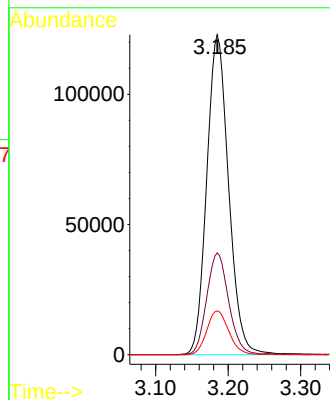
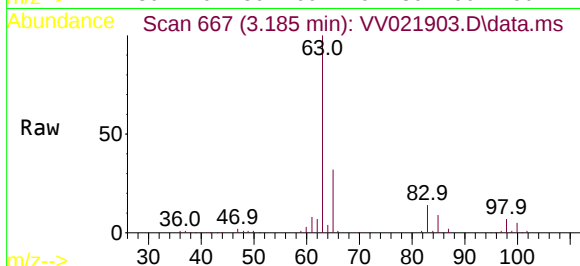
Tgt Ion: 63 Resp: 257030

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 43.089 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV021903.D

Acq: 20 Aug 2021 09:35

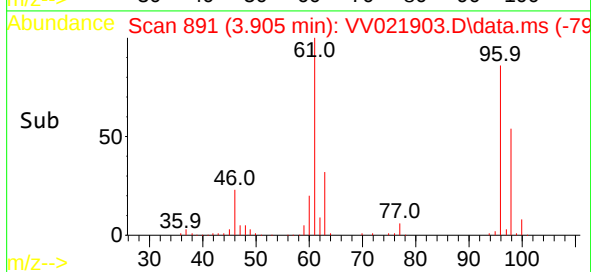
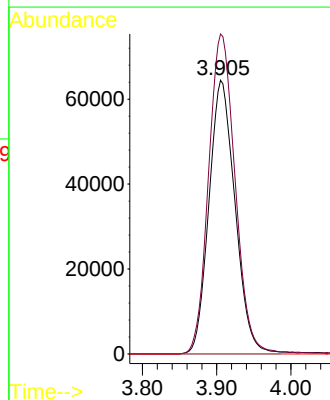
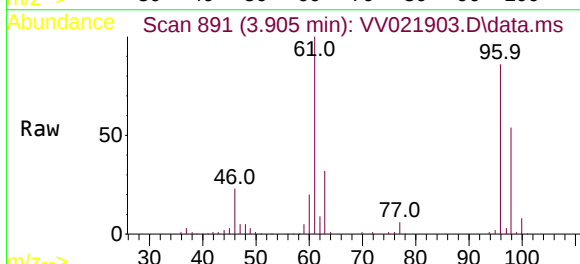
Tgt Ion: 96 Resp: 157377

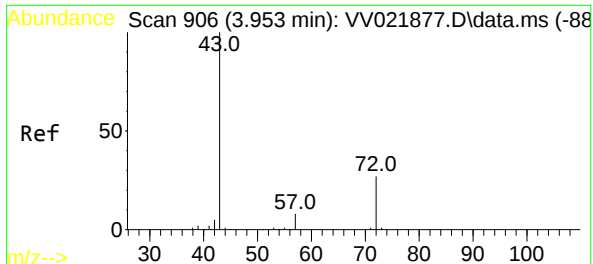
Ion Ratio Lower Upper

96 100

61 116.9 81.0 150.4

68 0.0 0.0 0.0

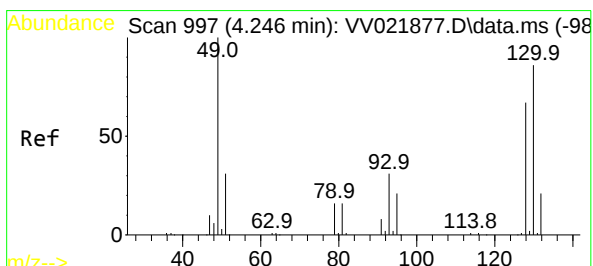
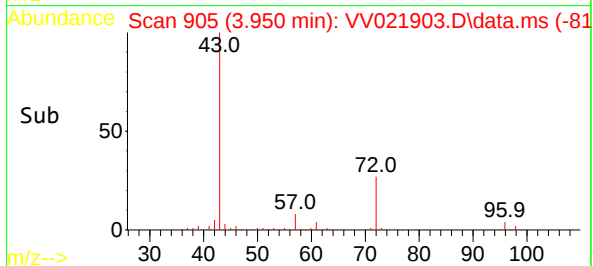
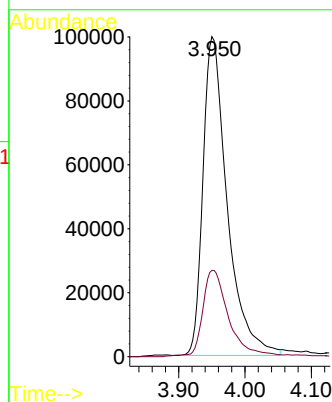
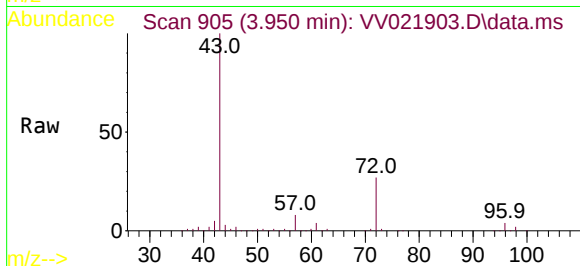




#22
2-Butanone
Concen: 95.927 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.003 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

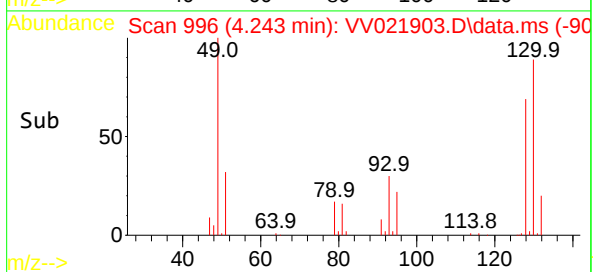
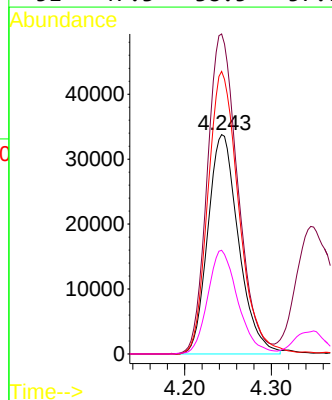
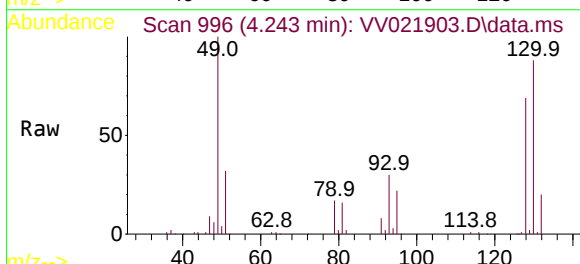
Instrument :
MSVOA_V
ClientSampled :

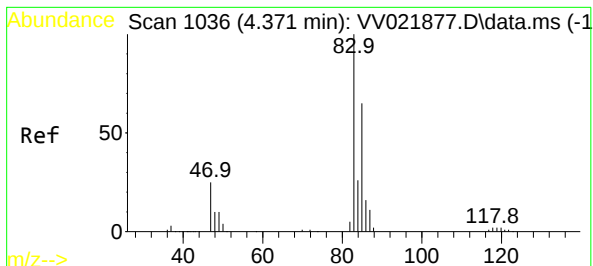
Tgt Ion: 43 Resp: 254138
Ion Ratio Lower Upper
43 100
72 28.8 13.6 40.8



#23
Bromochloromethane
Concen: 42.911 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 128 Resp: 83152
Ion Ratio Lower Upper
128 100
49 145.8 105.6 196.0
130 128.8 89.5 166.1
51 47.3 38.5 57.7





#25

Chloroform

Concen: 42.784 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV021903.D

Acq: 20 Aug 2021 09:35

Tgt Ion: 83 Resp: 258475

Ion Ratio Lower Upper

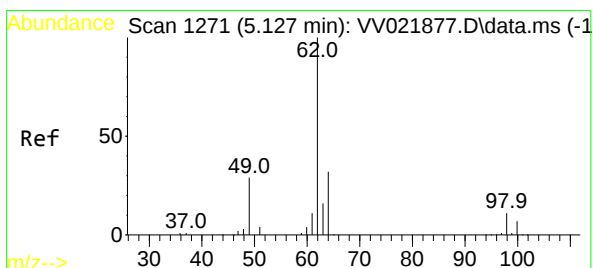
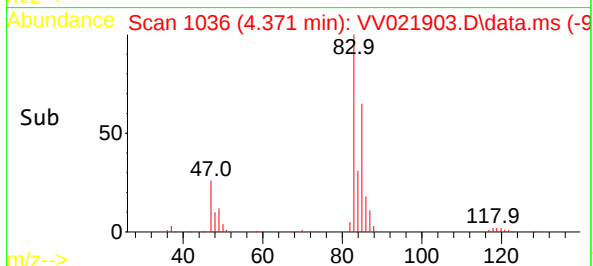
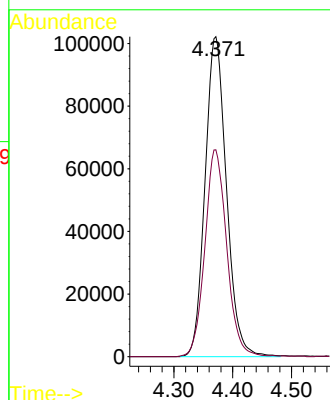
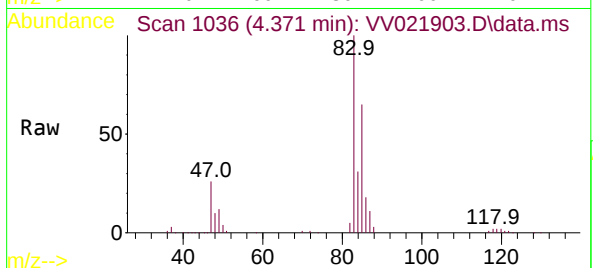
83 100

85 64.7 44.8 83.2

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 42.393 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV021903.D

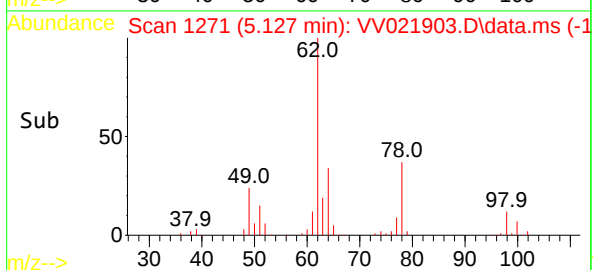
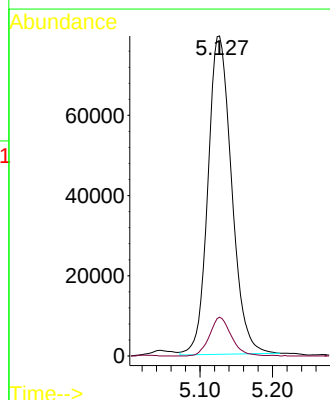
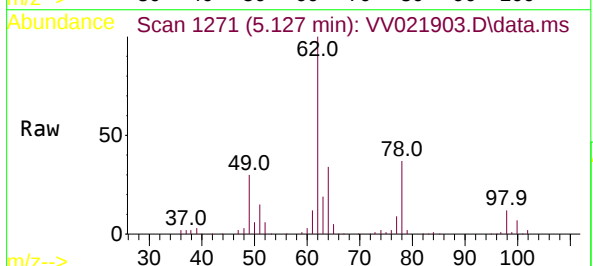
Acq: 20 Aug 2021 09:35

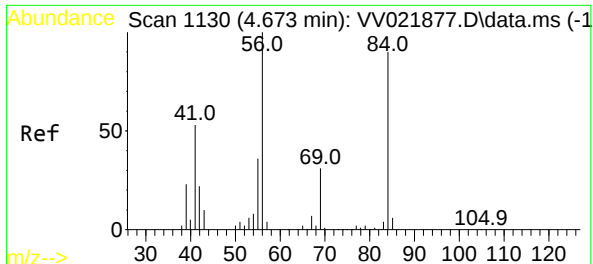
Tgt Ion: 62 Resp: 180449

Ion Ratio Lower Upper

62 100

98 12.1 8.6 13.0





#29

Cyclohexane

Concen: 44.551 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV021903.D

Acq: 20 Aug 2021 09:35

Tgt Ion: 56 Resp: 229957

Ion Ratio Lower Upper

56 100

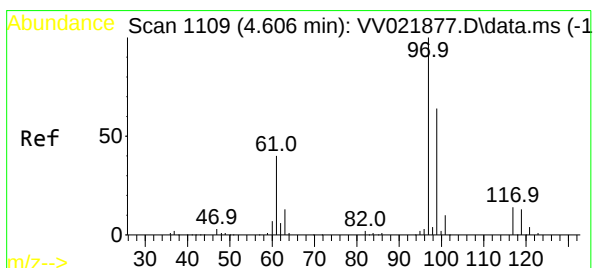
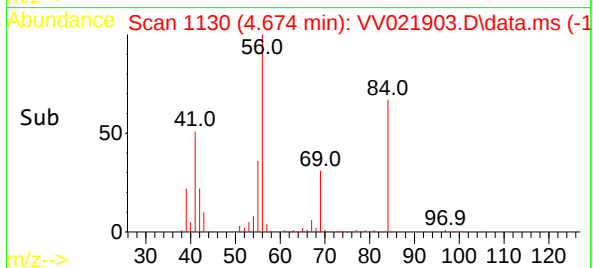
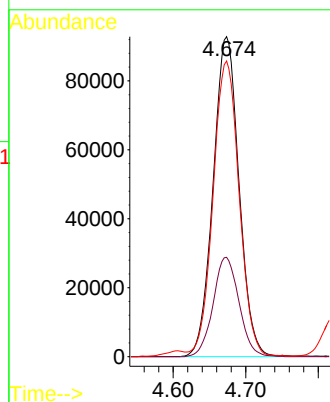
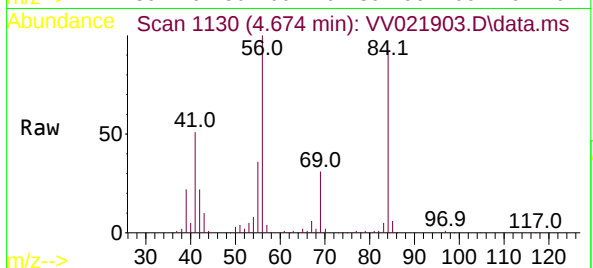
69 31.1 24.9 37.3

84 93.1 72.6 109.0

Instrument :

MSVOA_V

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 43.304 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV021903.D

Acq: 20 Aug 2021 09:35

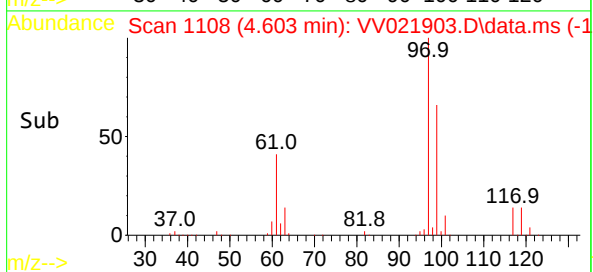
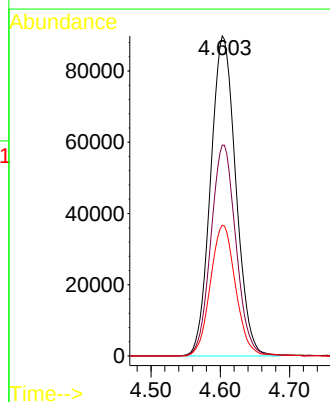
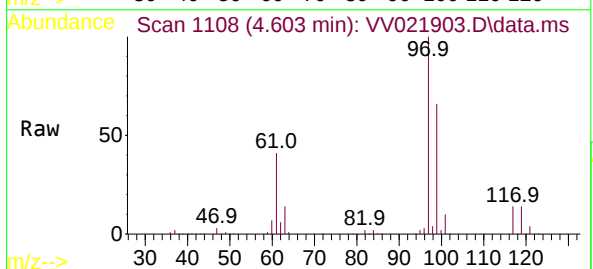
Tgt Ion: 97 Resp: 227100

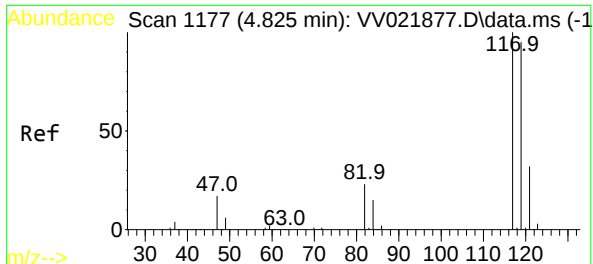
Ion Ratio Lower Upper

97 100

99 65.4 51.0 76.4

61 40.6 32.3 48.5

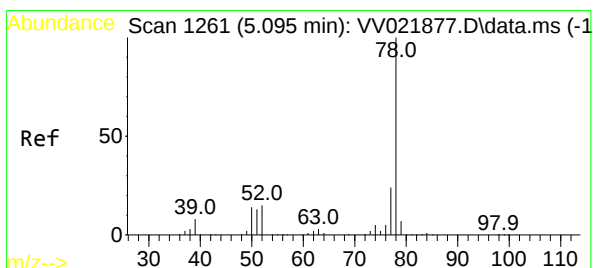
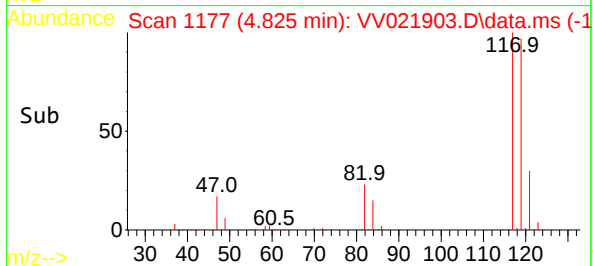
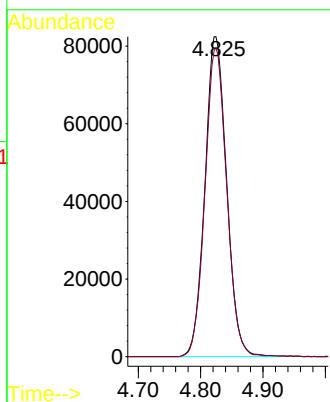
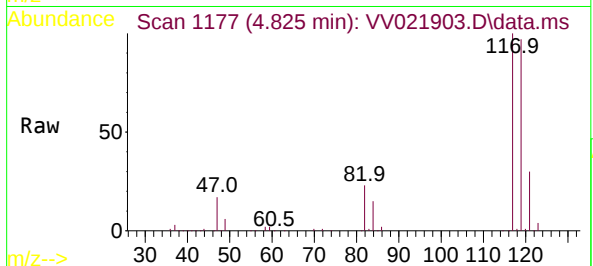




#31
Carbon tetrachloride
Concen: 43.943 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

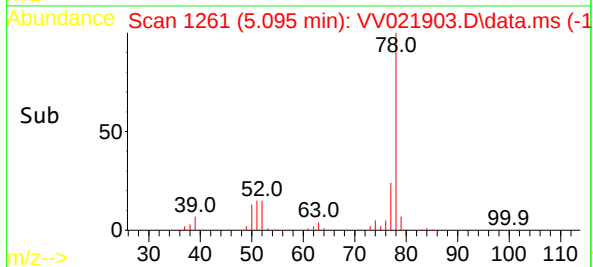
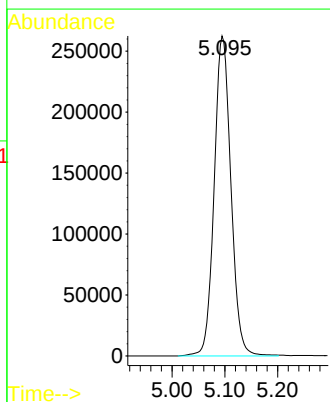
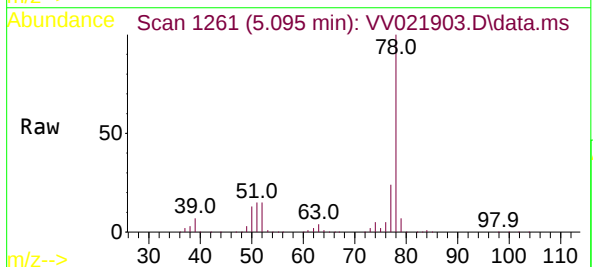
Instrument :
MSVOA_V
ClientSampled :

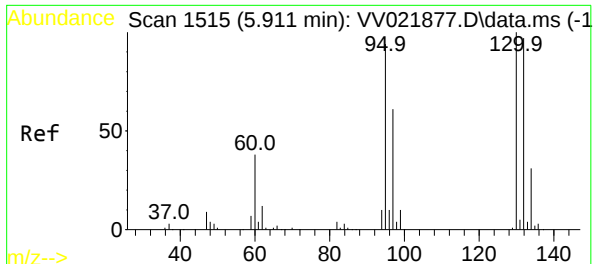
Tgt Ion:117 Resp: 199405
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7



#33
Benzene
Concen: 44.828 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 78 Resp: 578147

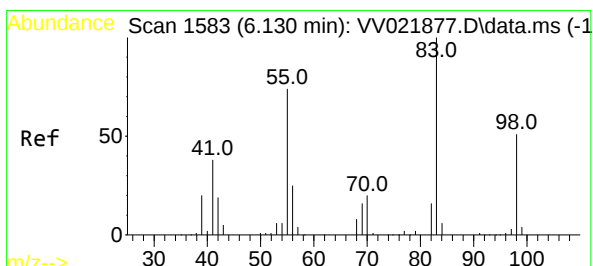
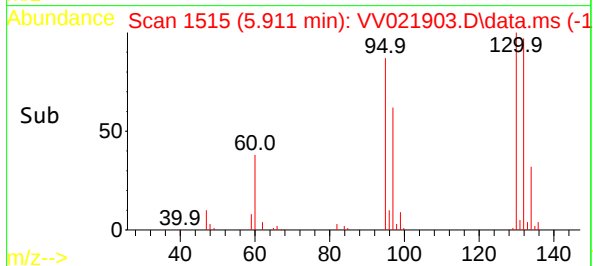
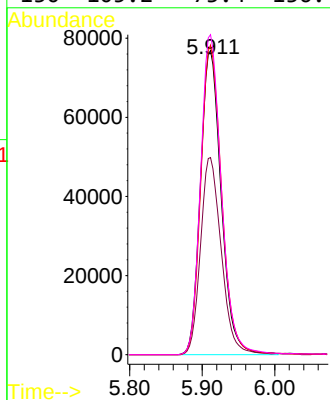
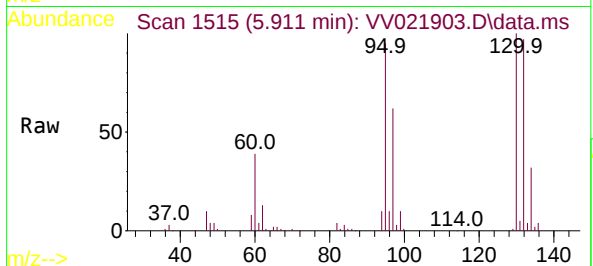




#34
Trichloroethene
Concen: 41.344 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

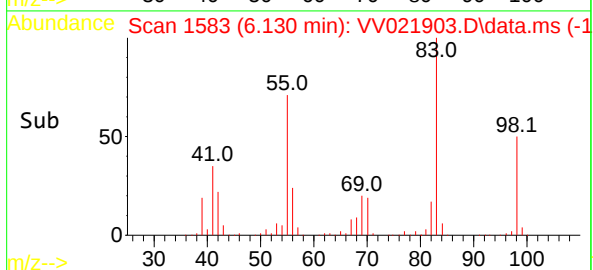
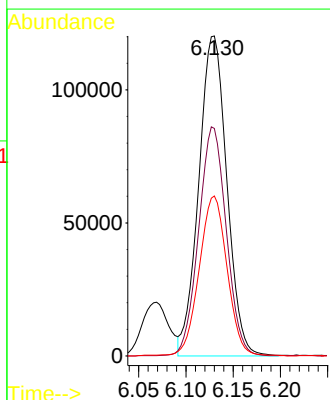
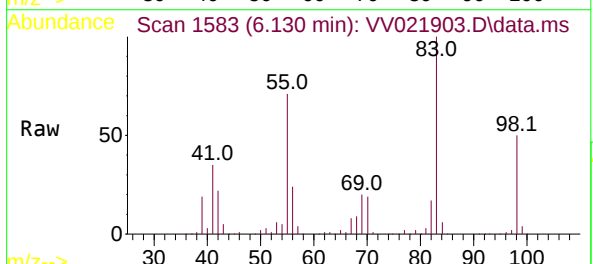
Instrument :
MSVOA_V
ClientSampled :

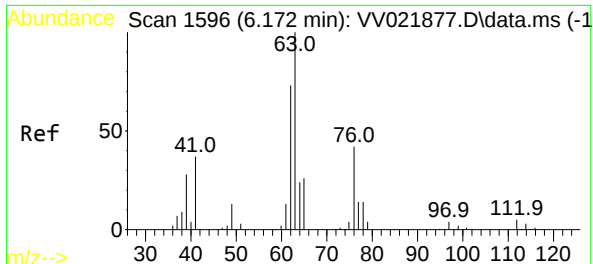
Tgt Ion: 95 Resp: 153228
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 101.8 70.2 130.4
130 105.2 73.4 136.4



#35
Methylcyclohexane
Concen: 46.056 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 83 Resp: 249029
Ion Ratio Lower Upper
83 100
55 70.4 57.9 86.9
98 49.1 39.9 59.9

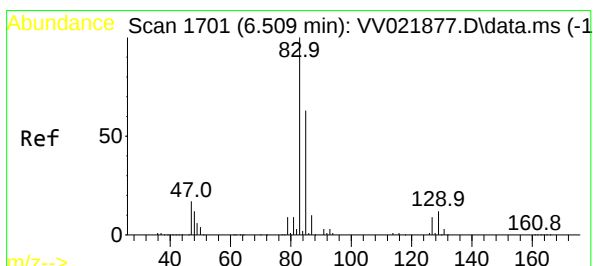
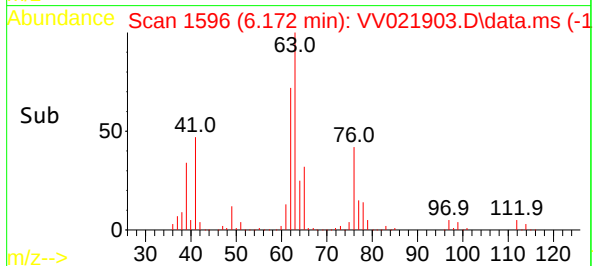
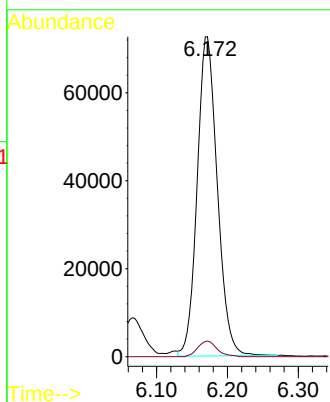
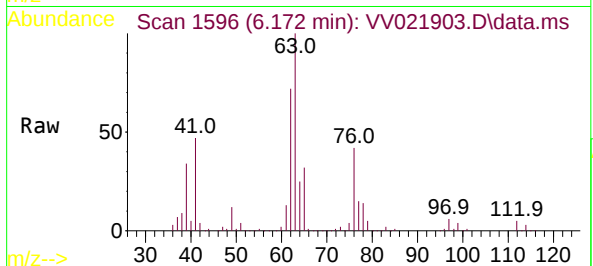




#37
1,2-Dichloropropane
Concen: 43.843 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

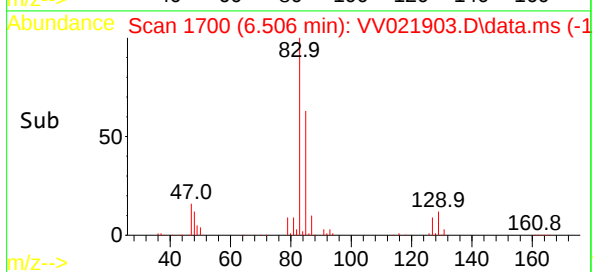
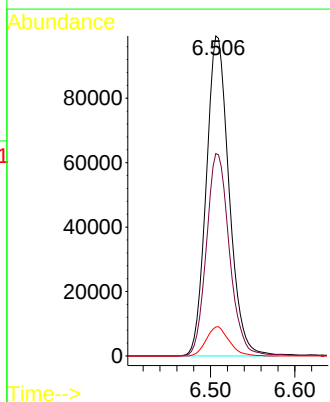
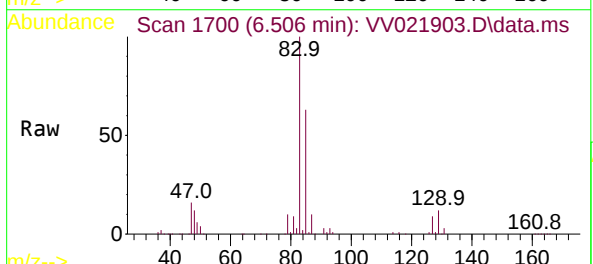
Instrument :
MSVOA_V
ClientSampled :

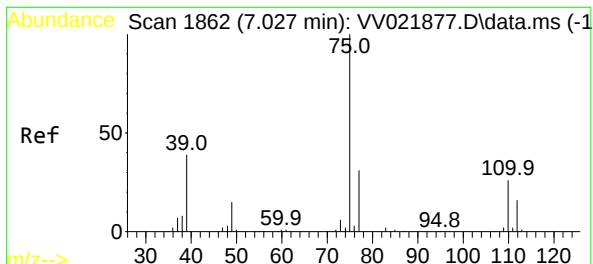
Tgt Ion: 63 Resp: 143177
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 43.358 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 83 Resp: 186622
Ion Ratio Lower Upper
83 100
85 63.3 45.7 84.9
127 9.1 7.4 11.2

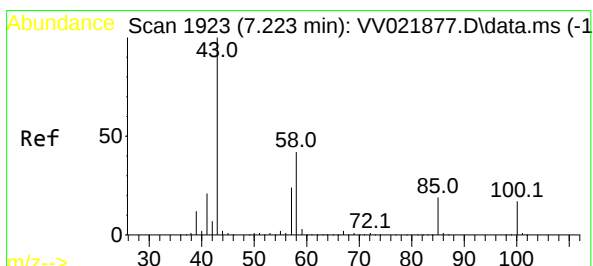
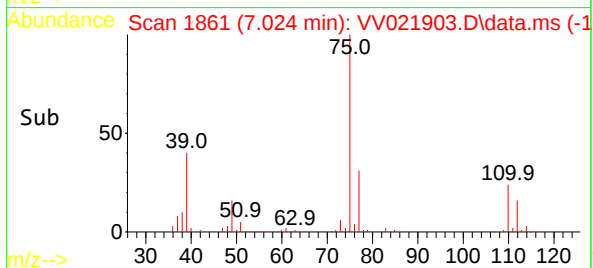
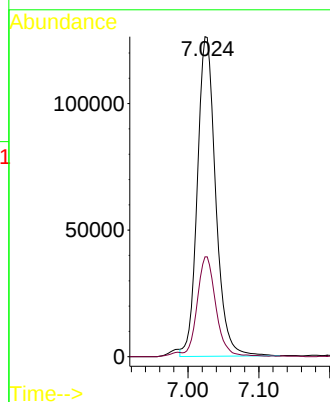
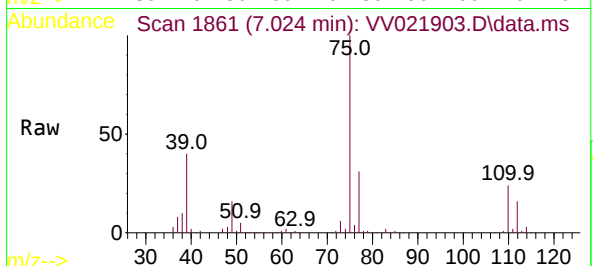




#39
 cis-1,3-Dichloropropene
 Concen: 43.854 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV021903.D
 Acq: 20 Aug 2021 09:35

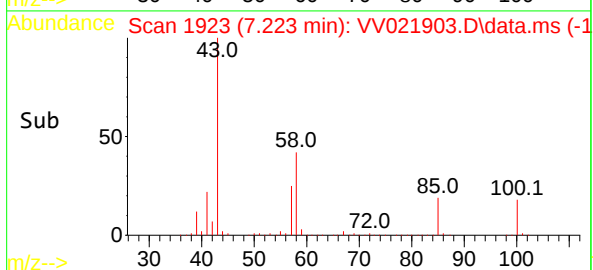
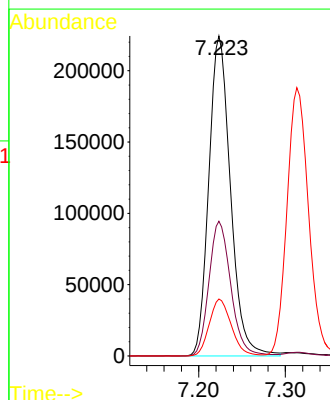
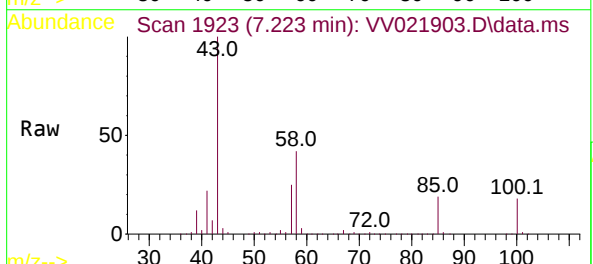
Instrument :
 MSVOA_V
 ClientSampled :

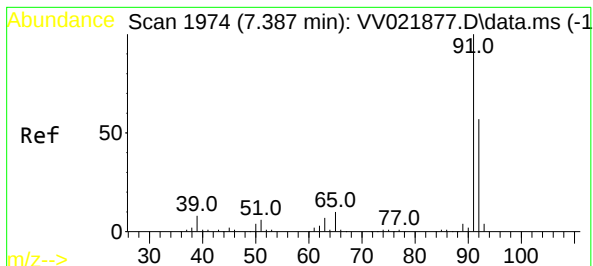
Tgt Ion: 75 Resp: 226773
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 86.934 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV021903.D
 Acq: 20 Aug 2021 09:35

Tgt Ion: 43 Resp: 390524
 Ion Ratio Lower Upper
 43 100
 58 42.4 32.9 49.3
 100 18.1 14.0 21.0





#42

Toluene

Concen: 44.799 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV021903.D

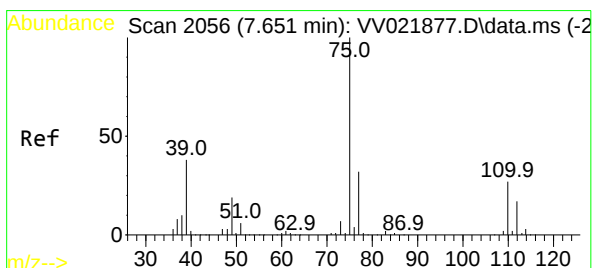
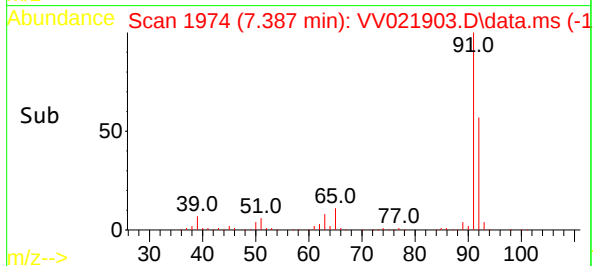
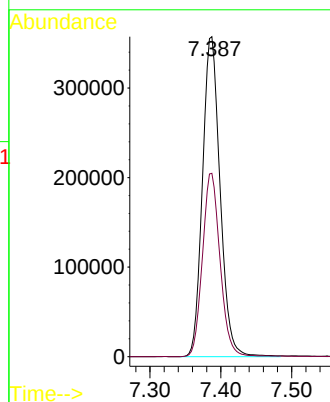
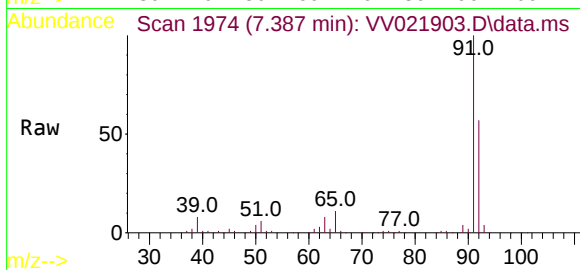
Acq: 20 Aug 2021 09:35

Tgt Ion: 91 Resp: 617082

Ion Ratio Lower Upper

91 100

92 57.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 43.662 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV021903.D

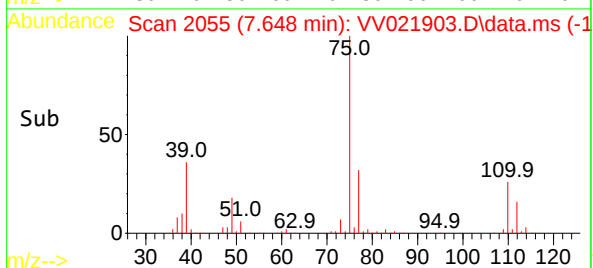
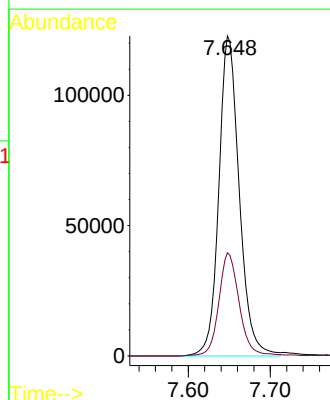
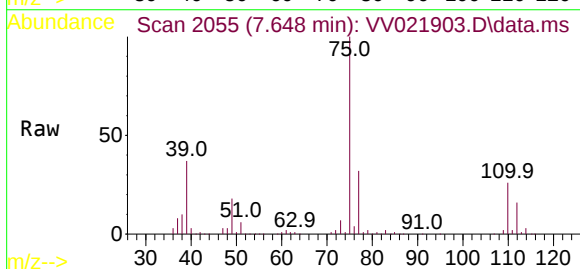
Acq: 20 Aug 2021 09:35

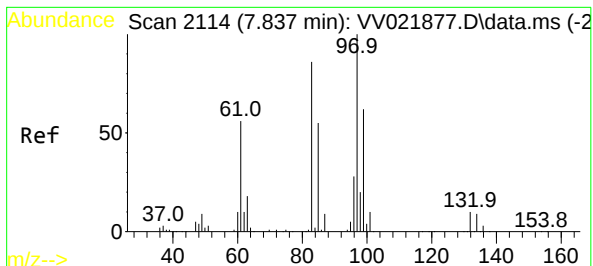
Tgt Ion: 75 Resp: 212774

Ion Ratio Lower Upper

75 100

77 32.3 22.2 41.2

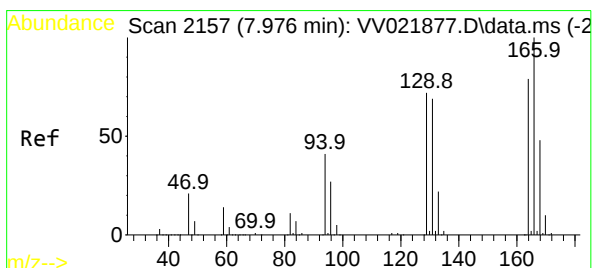
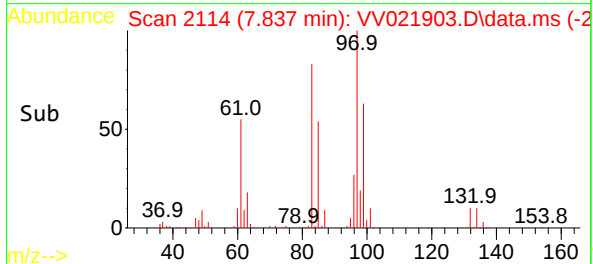
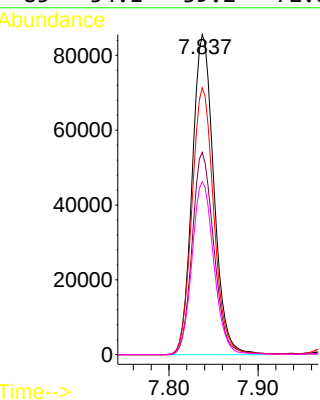
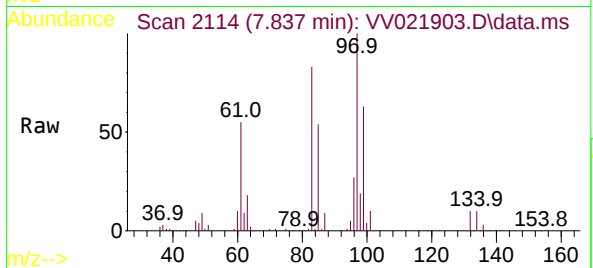




#45
1,1,2-Trichloroethane
Concen: 44.216 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

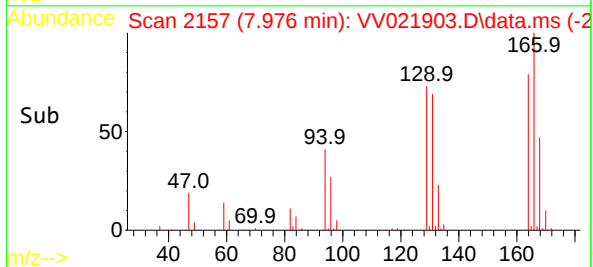
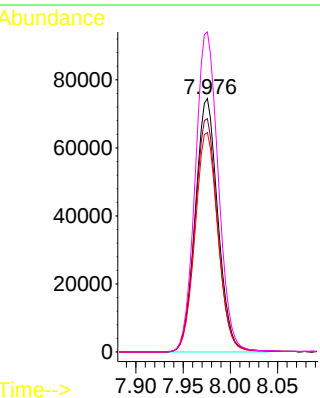
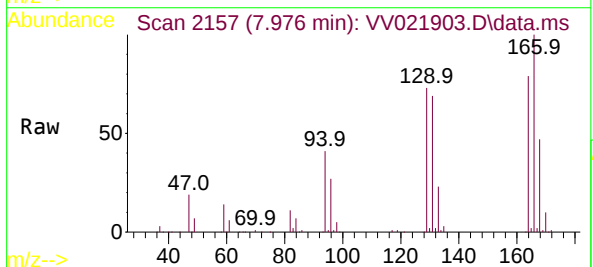
Instrument :
MSVOA_V
ClientSampled :

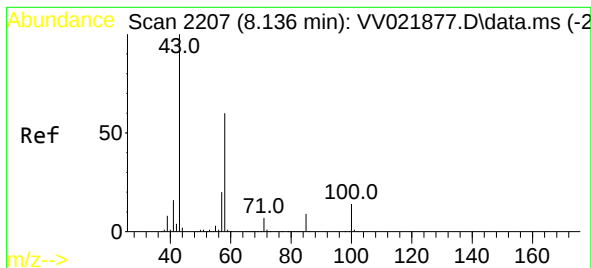
Tgt Ion: 97 Resp: 144648
Ion Ratio Lower Upper
97 100
99 63.2 44.2 82.0
83 83.4 59.2 110.0
85 54.1 39.2 72.8



#46
Tetrachloroethene
Concen: 45.168 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion:164 Resp: 124410
Ion Ratio Lower Upper
164 100
129 92.1 63.7 118.3
131 86.6 61.5 114.3
166 126.3 88.6 164.6



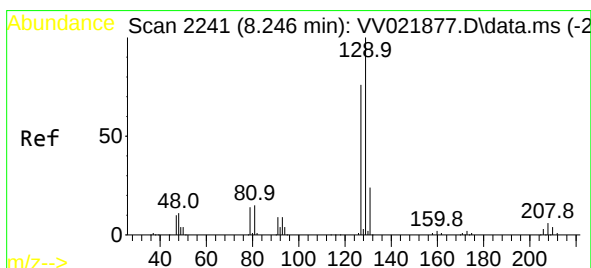
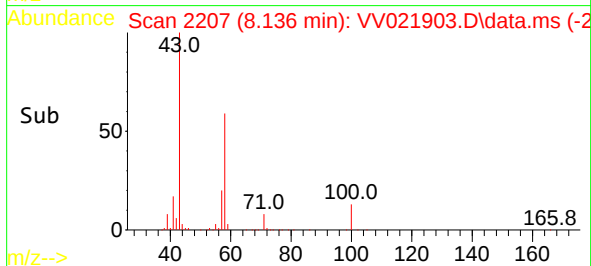
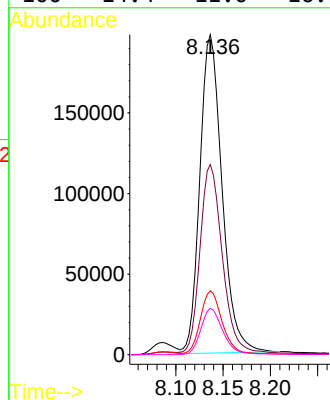
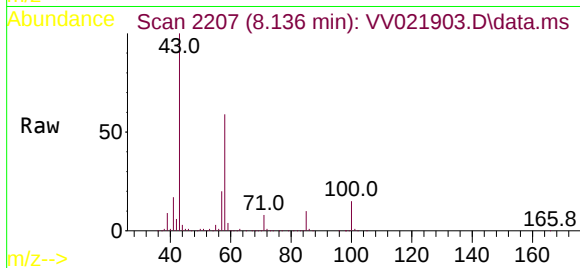


#48
2-Hexanone
Concen: 92.857 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 323112

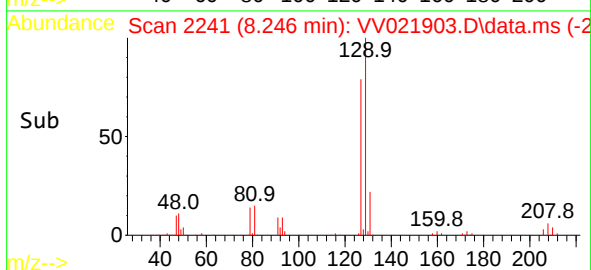
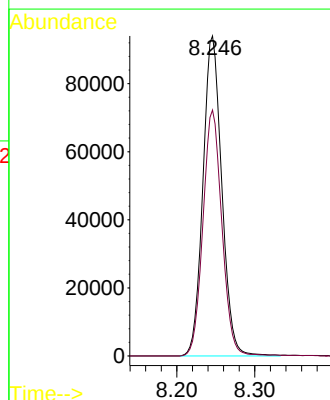
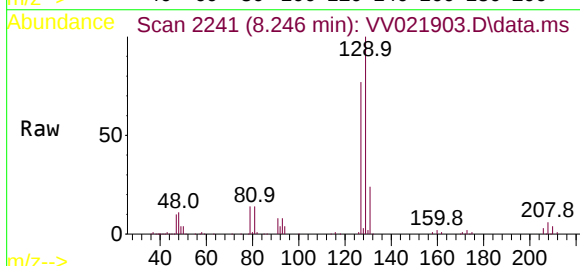
Ion	Ratio	Lower	Upper
43	100		
58	59.7	45.4	68.2
57	20.2	15.3	22.9
100	14.4	11.0	16.6

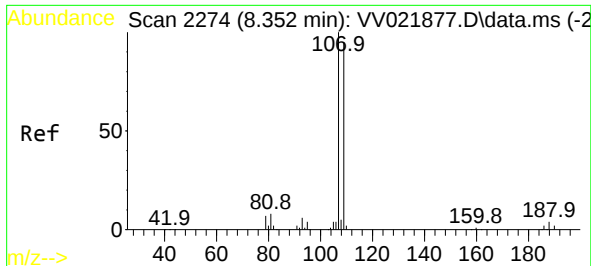


#49
Dibromochloromethane
Concen: 43.738 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 129 Resp: 157980

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.9	101.9

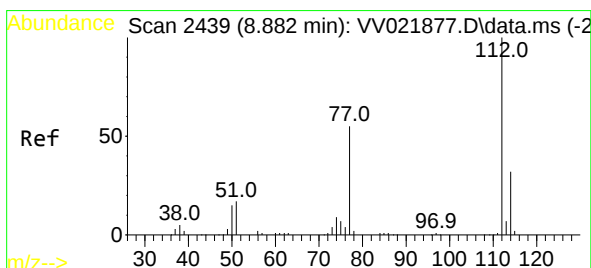
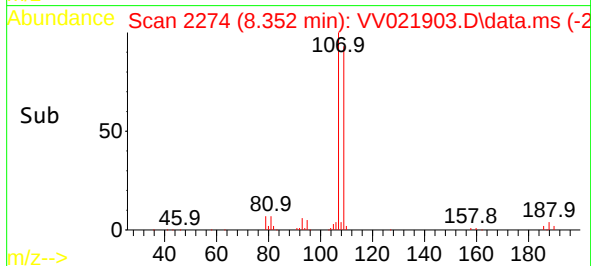
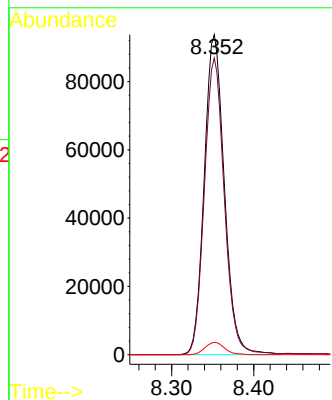
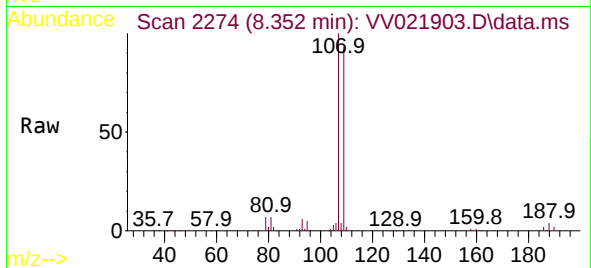




#50
1,2-Dibromoethane
Concen: 44.778 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

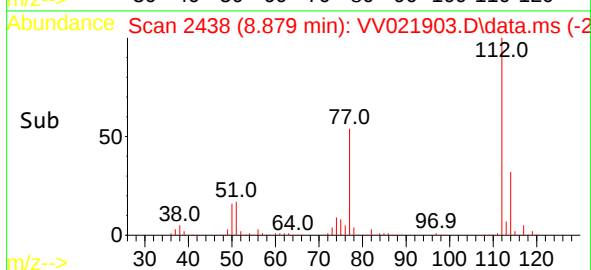
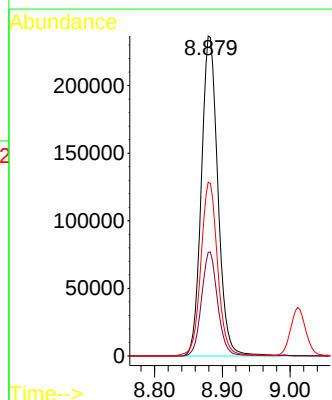
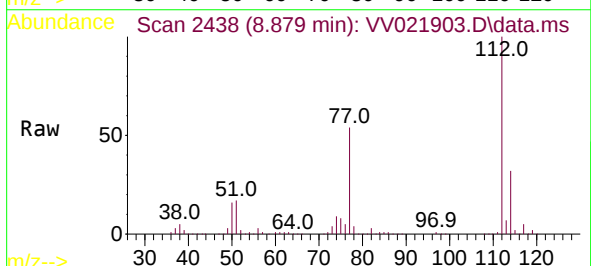
Instrument :
MSVOA_V
ClientSampled :

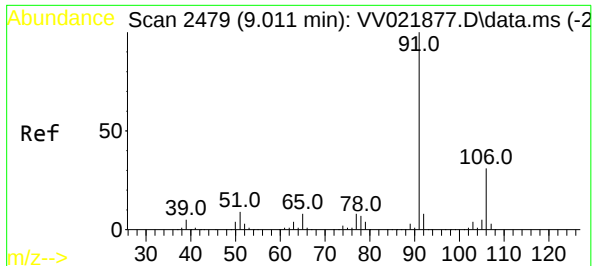
Tgt Ion:107 Resp: 159412
Ion Ratio Lower Upper
107 100
109 92.7 66.3 123.1
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 44.498 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion:112 Resp: 400199
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 54.3 43.7 65.5

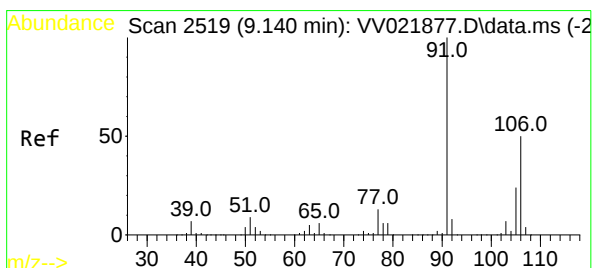
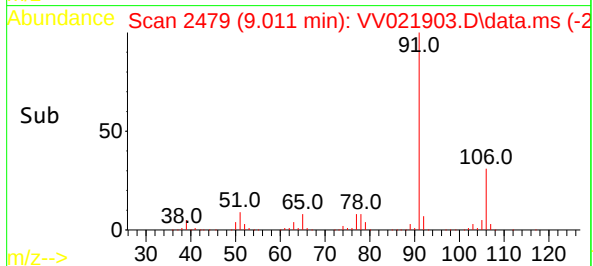
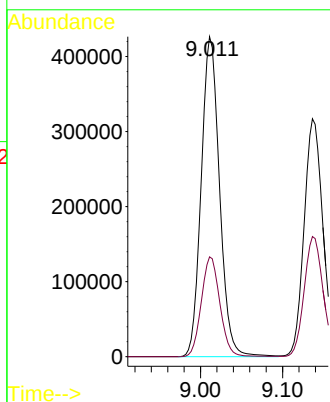
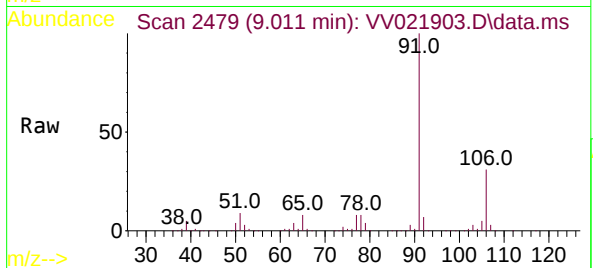




#52
Ethylbenzene
Concen: 45.081 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

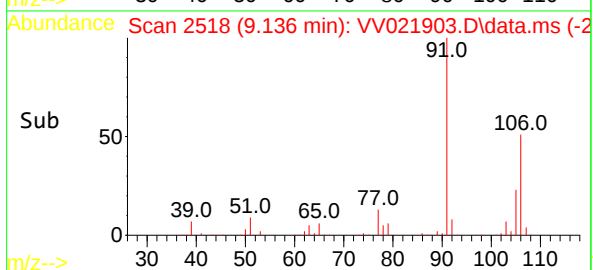
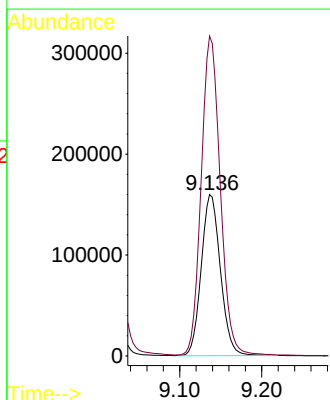
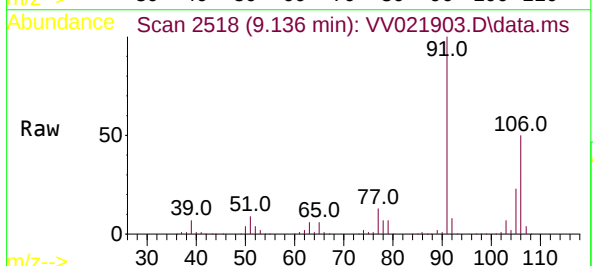
Instrument :
MSVOA_V
ClientSampled :

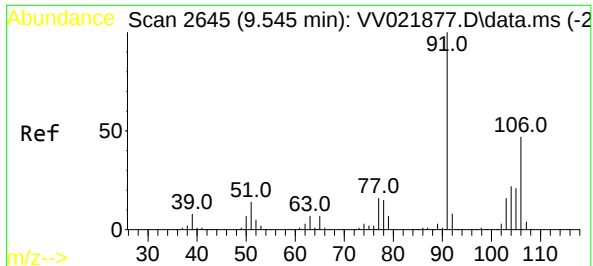
Tgt Ion: 91 Resp: 662476
Ion Ratio Lower Upper
91 100
106 31.2 22.2 41.2



#53
m,p-Xylene
Concen: 45.423 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 106 Resp: 258698
Ion Ratio Lower Upper
106 100
91 198.1 139.2 258.6

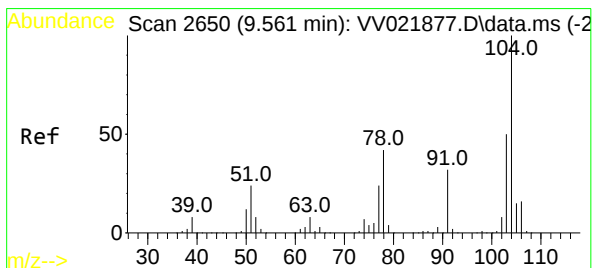
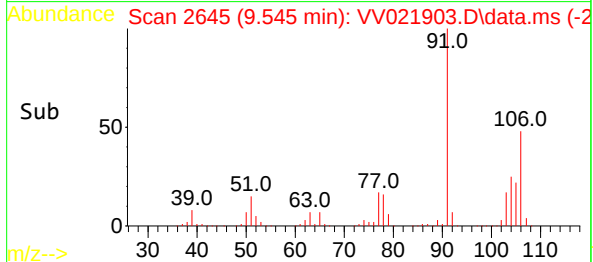
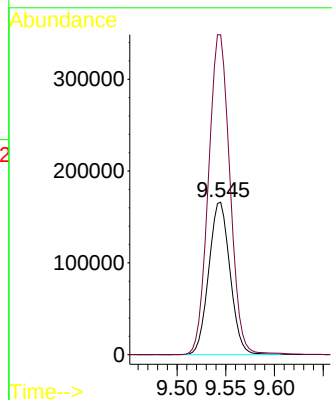
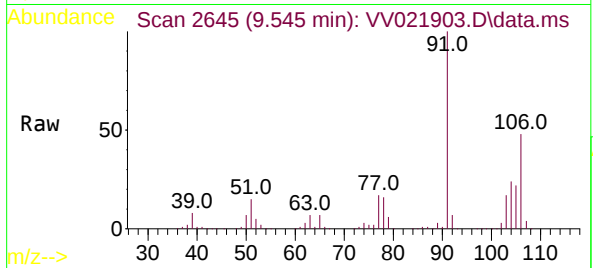




#54
o-Xylene
Concen: 44.675 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

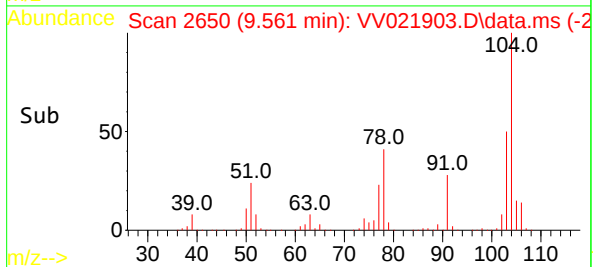
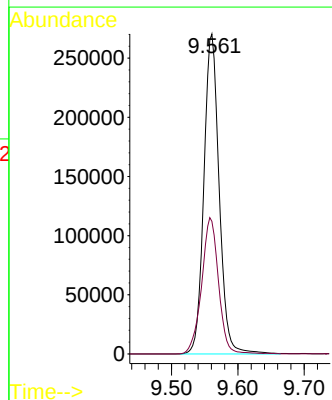
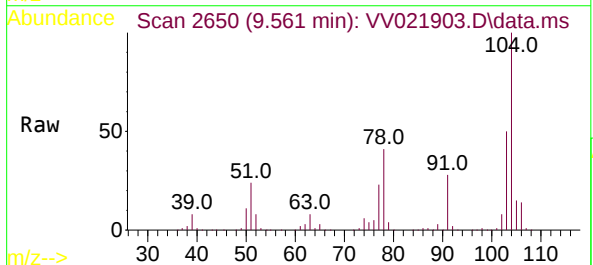
Instrument :
MSVOA_V
ClientSampleId :

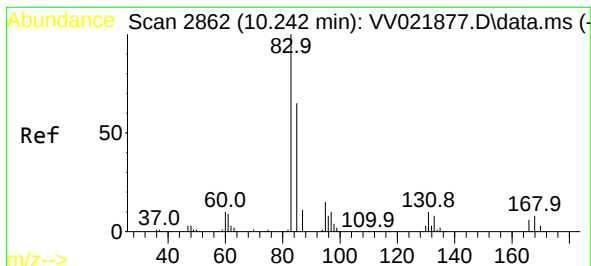
Tgt Ion:106 Resp: 252211
Ion Ratio Lower Upper
106 100
91 209.7 148.1 275.0



#55
Styrene
Concen: 45.958 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion:104 Resp: 434469
Ion Ratio Lower Upper
104 100
78 41.5 30.2 56.2

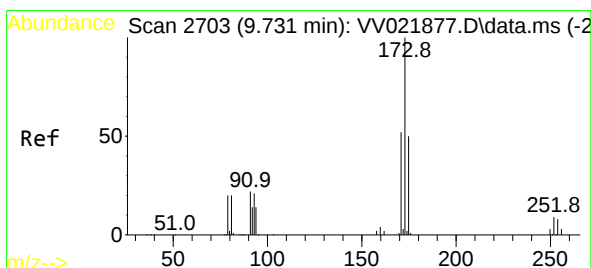
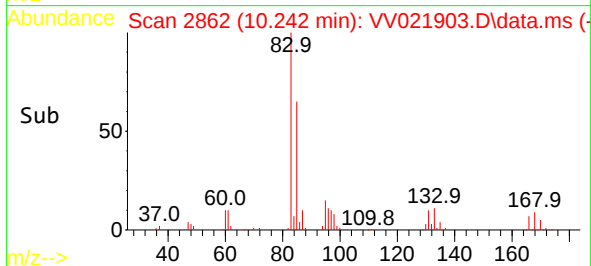
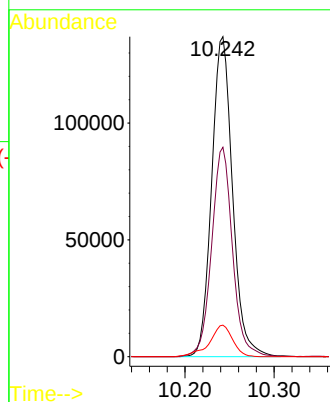
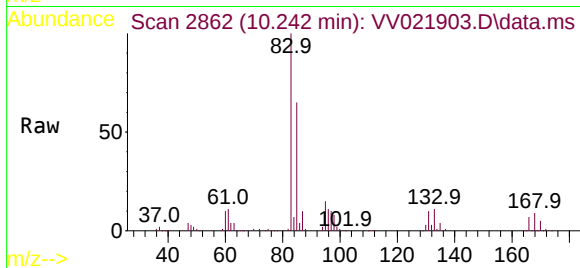




#57
1,1,2,2-Tetrachloroethane
Concen: 48.889 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

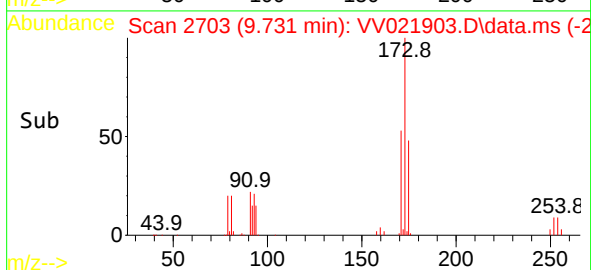
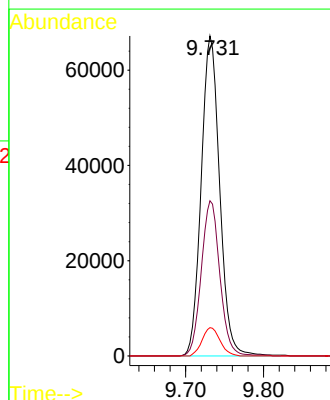
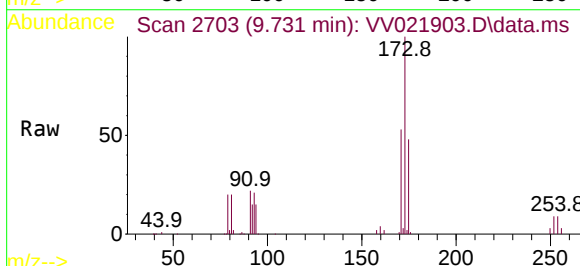
Instrument :
MSVOA_V
ClientSampled :

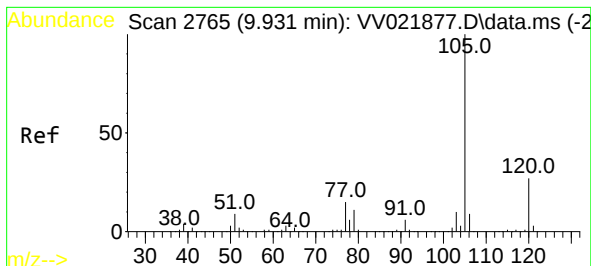
Tgt Ion: 83 Resp: 222650
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.5
131 9.9 7.9 11.9



#59
Bromoform
Concen: 41.917 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 173 Resp: 110634
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 8.6 7.2 10.8

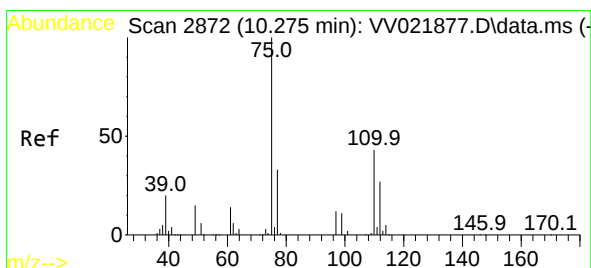
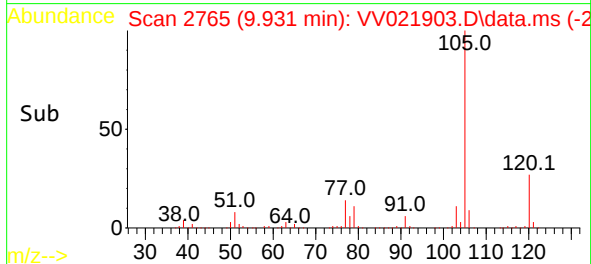
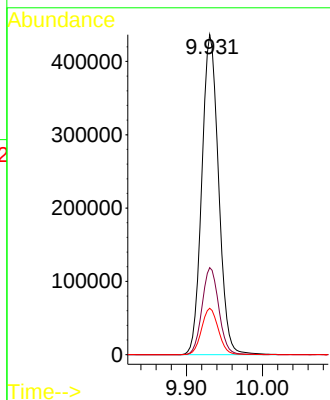
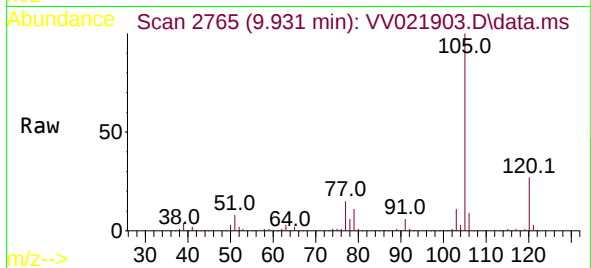




#60
Isopropylbenzene
Concen: 44.894 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

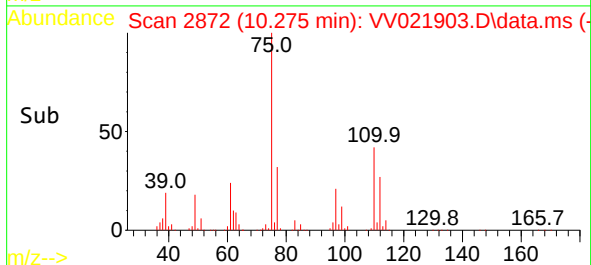
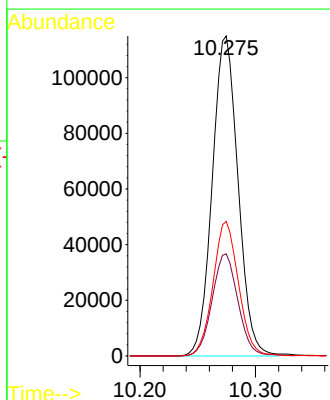
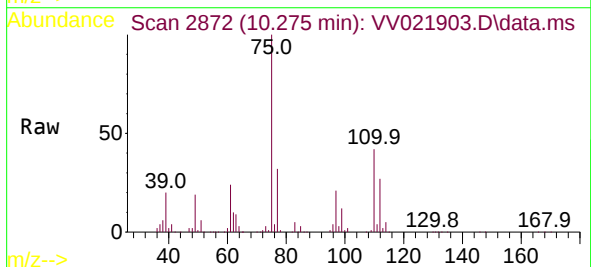
Instrument :
MSVOA_V
ClientSampled :

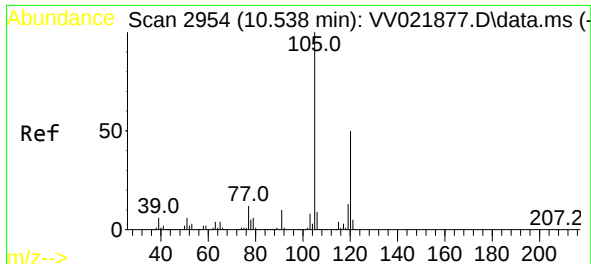
Tgt Ion:105 Resp: 668259
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 43.435 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 75 Resp: 178216
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
110 41.7 33.4 50.2

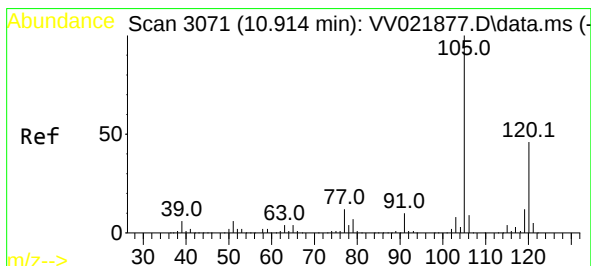
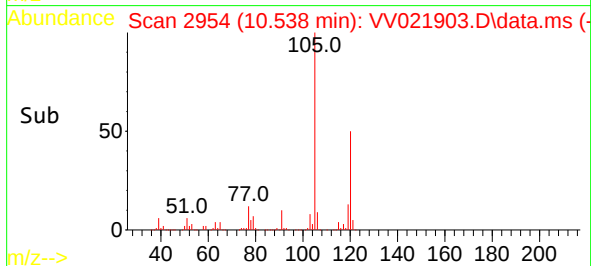
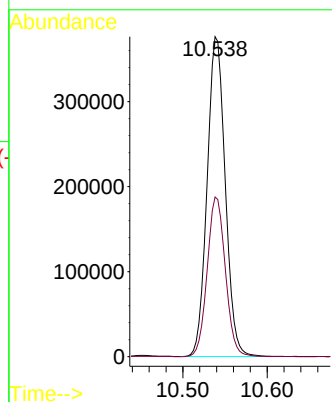
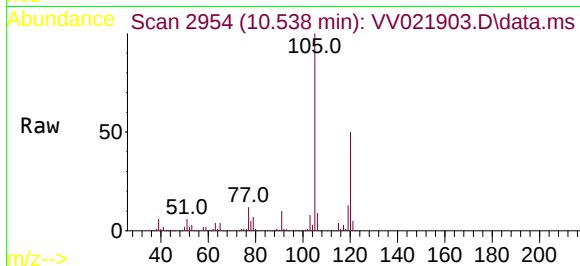




#62
1,3,5-Trimethylbenzene
Concen: 45.130 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

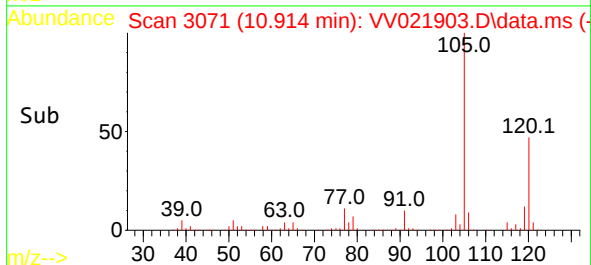
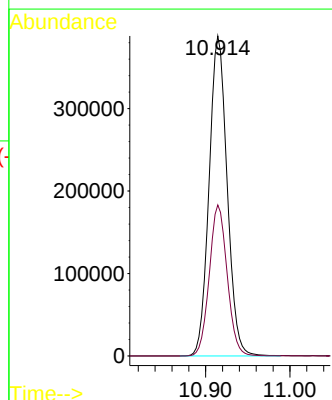
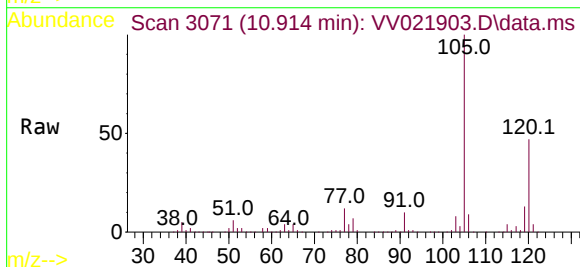
Instrument :
MSVOA_V
ClientSampled :

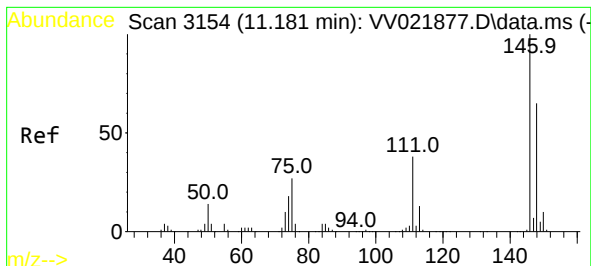
Tgt Ion:105 Resp: 563726
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 45.502 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion:105 Resp: 577909
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9

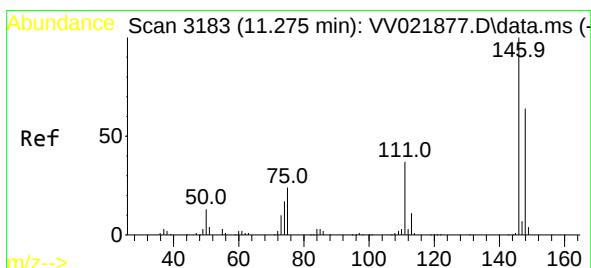
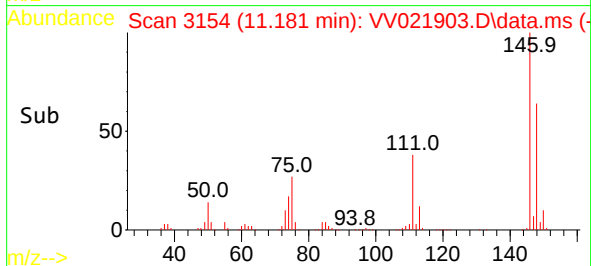
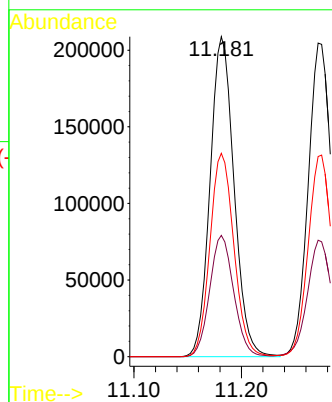
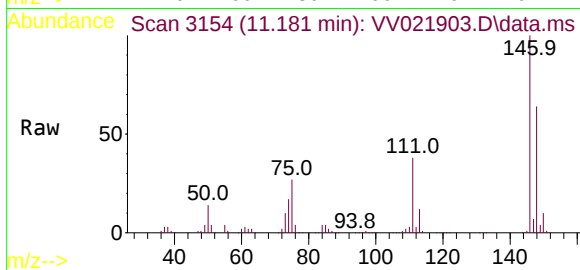




#64
1,3-Dichlorobenzene
Concen: 44.879 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

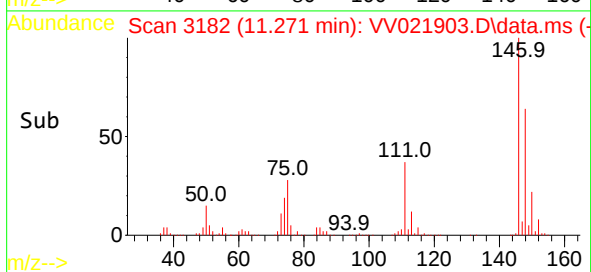
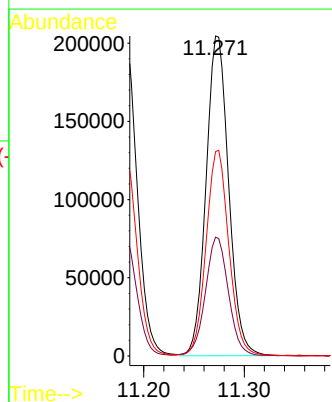
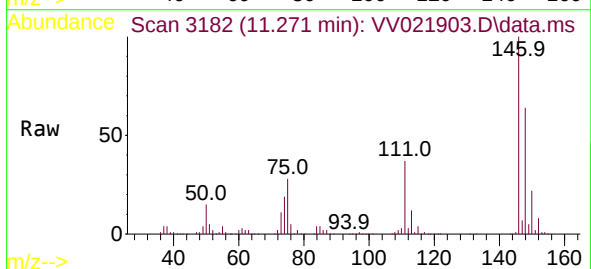
Instrument :
MSVOA_V
ClientSampled :

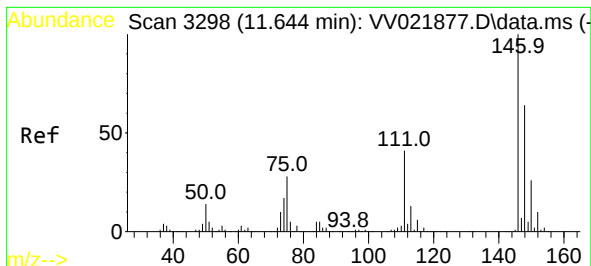
Tgt Ion:146 Resp: 323511
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.1
148 63.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 44.412 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion:146 Resp: 319561
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.6
148 63.9 45.1 83.9

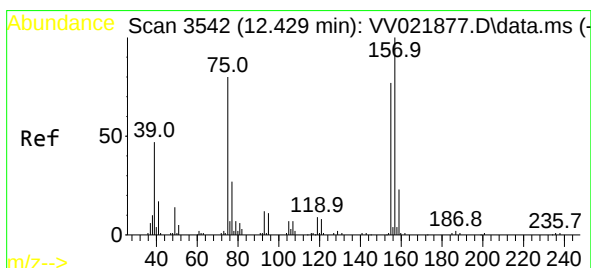
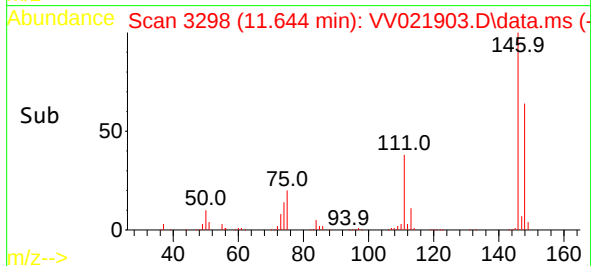
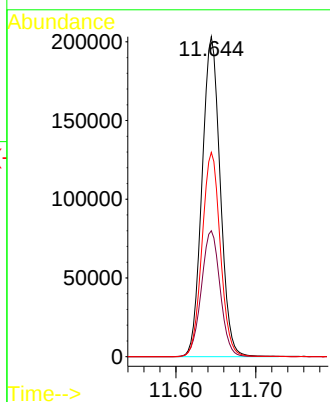
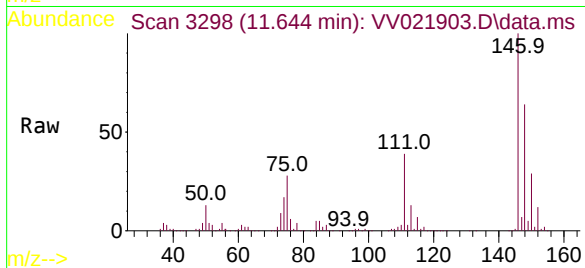




#67
1,2-Dichlorobenzene
Concen: 44.272 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

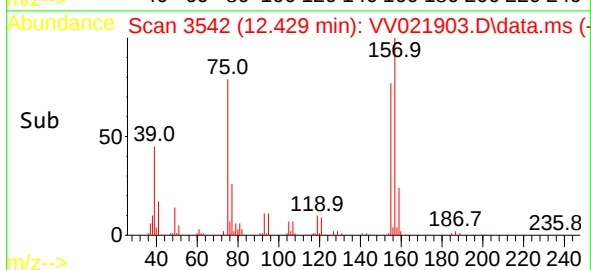
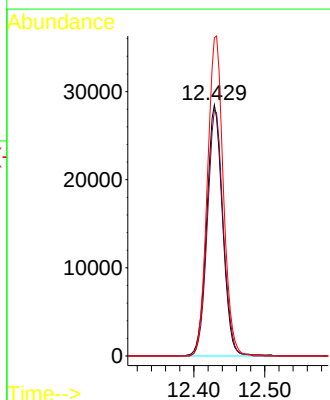
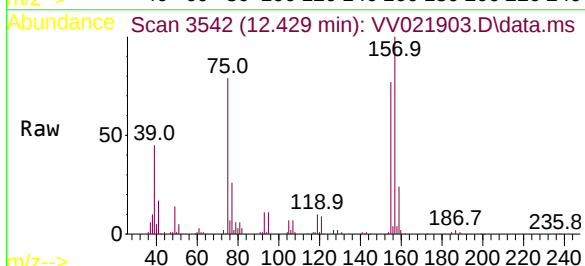
Instrument :
MSVOA_V
ClientSampled :

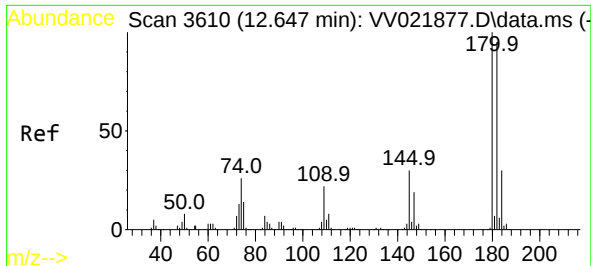
Tgt Ion:146 Resp: 321938
Ion Ratio Lower Upper
146 100
111 39.3 31.8 47.8
148 63.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 44.526 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion: 75 Resp: 44418
Ion Ratio Lower Upper
75 100
155 98.0 77.8 116.8
157 126.8 99.4 149.0

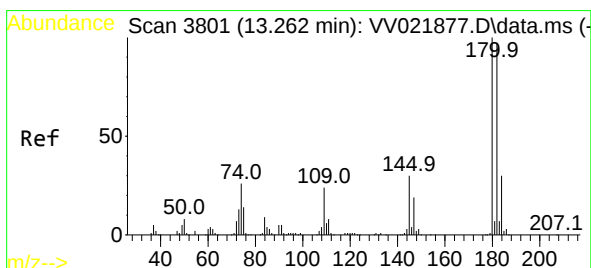
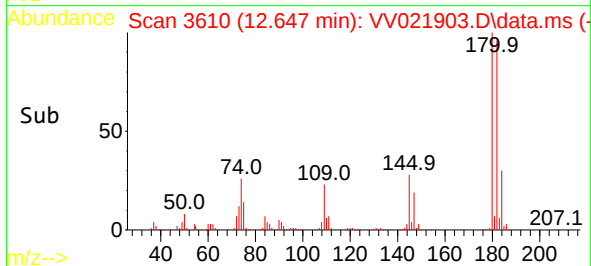
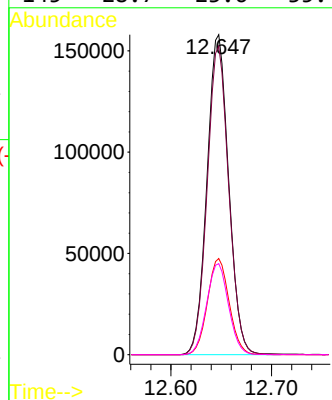
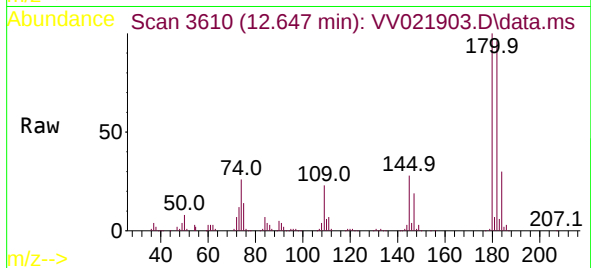




#69
1,3,5-Trichlorobenzene
Concen: 45.306 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

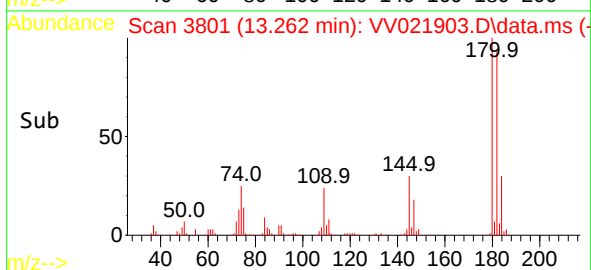
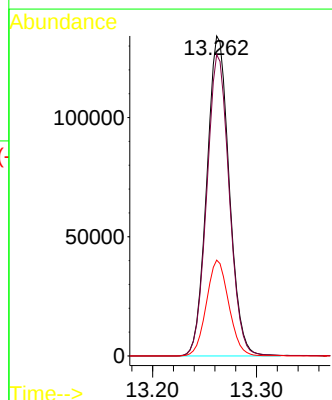
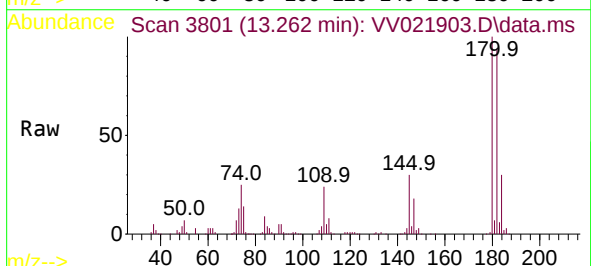
Instrument :
MSVOA_V
ClientSampleId :

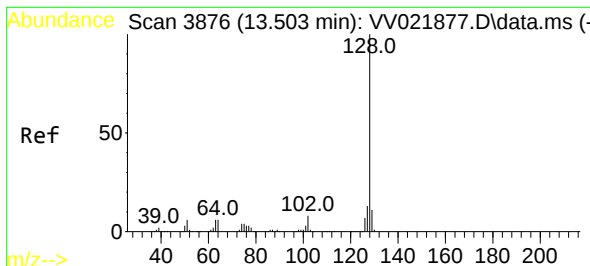
Tgt Ion:	180	Resp:	236734
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.8	115.2
184	30.1	24.1	36.1
145	28.7	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 45.926 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion:	180	Resp:	201262
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.8	113.6
145	29.8	23.9	35.9

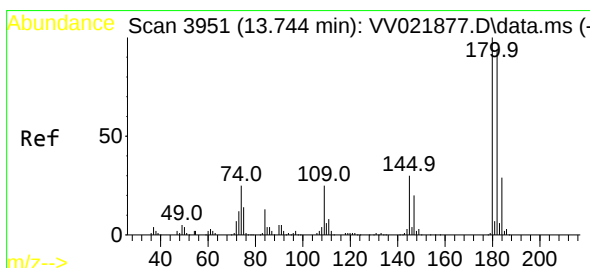
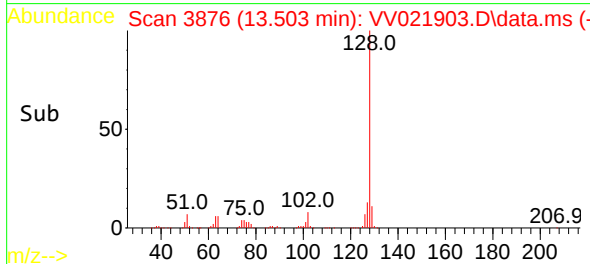
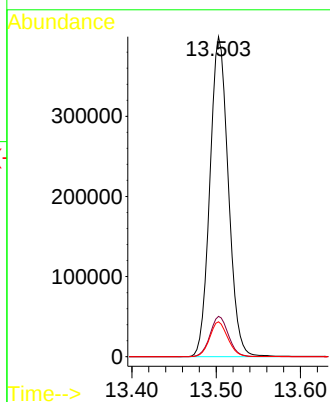
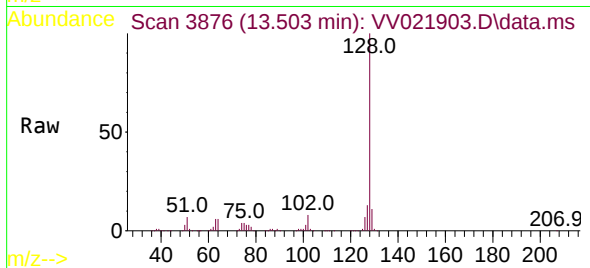




#71
Naphthalene
Concen: 47.595 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 605864
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 45.443 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021903.D
Acq: 20 Aug 2021 09:35

Tgt Ion:180 Resp: 200058
Ion Ratio Lower Upper
180 100
182 96.9 76.2 114.2
145 31.9 25.6 38.4

