

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024512.D
 Acq On : 02 Feb 2022 10:03
 Operator : SY/MD
 Sample : VSTD00501
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 05:21:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:20:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	312069	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	278798	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	127307	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	11270	5.090	ug/L	0.00
7) Chloroethane-d5	1.568	69	9521	5.537	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	21959	5.228	ug/L	0.00
21) 2-Butanone-d5	3.915	46	3437	2.661	ug/L	0.03
24) Chloroform-d	4.349	84	19865	4.908	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	12731	4.744	ug/L	0.00
32) Benzene-d6	5.050	84	40650	5.540	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	12678	5.983	ug/L	0.00
41) Toluene-d8	7.317	98	37406	5.363	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	6416	5.388	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	8746	9.479	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	13777	4.741	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	12504	4.996	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	10484	4.288	ug/L	98
3) Chloromethane	1.240	50	10833	5.054	ug/L	98
5) Vinyl chloride	1.310	62	11170	4.943	ug/L	99
6) Bromomethane	1.523	94	7240	5.554	ug/L	93
8) Chloroethane	1.584	64	7481	5.308	ug/L	99
9) Trichlorofluoromethane	1.751	101	16165	4.122	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	8981	4.630	ug/L	97
12) 1,1-Dichloroethene	2.117	96	8632	4.618	ug/L	91
13) Acetone	2.178	43	13879	10.746	ug/L	97
14) Carbon disulfide	2.294	76	23194	4.291	ug/L	97
15) Methyl Acetate	2.439	43	8570	4.633	ug/L	96
16) Methylene chloride	2.506	84	9472	4.614	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	8401	4.357	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	28802	4.732	ug/L	99
19) 1,1-Dichloroethane	3.188	63	16330	4.958	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	9526	4.583	ug/L	96
23) Bromochloromethane	4.252	128	4598	3.985	ug/L	97
25) Chloroform	4.375	83	17249	4.587	ug/L	98
27) 1,2-Dichloroethane	5.137	62	13549	4.460	ug/L	97
29) Cyclohexane	4.674	56	15078	5.775	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	15075	4.441	ug/L	99
31) Carbon tetrachloride	4.828	117	12117	3.936	ug/L	96
33) Benzene	5.101	78	36175	5.051	ug/L	100
34) Trichloroethene	5.918	95	10558	5.268	ug/L	98
35) Methylcyclohexane	6.127	83	15119	5.127	ug/L	98
37) 1,2-Dichloropropane	6.175	63	9577	5.480	ug/L	# 93
38) Bromodichloromethane	6.509	83	13439	5.049	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	14008	4.786	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	24770	10.632	ug/L	98
42) Toluene	7.390	91	38312	4.800	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	14073	4.826	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	9281	4.944	ug/L	90

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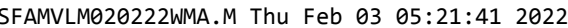
Instrument :
 MSVOA_V
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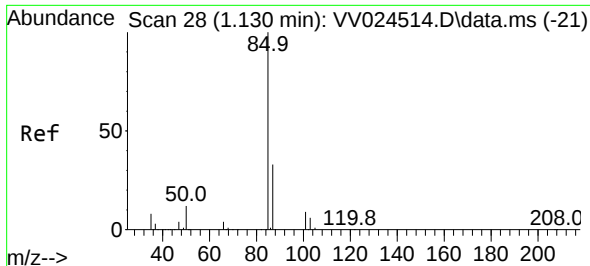
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.972	164	6055	3.615	ug/L	95
48) 2-Hexanone	8.146	43	20572	10.855	ug/L	96
49) Dibromochloromethane	8.246	129	9097	3.991	ug/L	97
50) 1,2-Dibromoethane	8.355	107	9122	4.539	ug/L	94
51) Chlorobenzene	8.882	112	24221	4.559	ug/L	99
52) Ethylbenzene	9.011	91	42183	4.908	ug/L	98
53) m,p-Xylene	9.140	106	15360	4.533	ug/L	88
54) o-Xylene	9.541	106	15561	4.780	ug/L	98
55) Styrene	9.561	104	24891	4.437	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	11839	4.312	ug/L	99
59) Bromoform	9.731	173	4850	3.443	ug/L	99
60) Isopropylbenzene	9.931	105	40861	5.538	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	11122	5.521	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	34697	5.485	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	34332	5.437	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	16692	4.602	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	17047	4.574	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	17049	4.586	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	2492	4.412	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	10654	3.938	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	9339	4.006	ug/L	99
71) Naphthalene	13.503	128	33974	4.787	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	9405	3.954	ug/L	99

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

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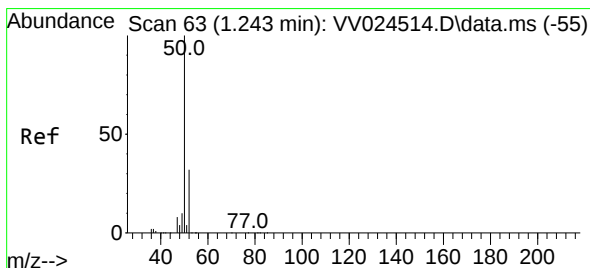
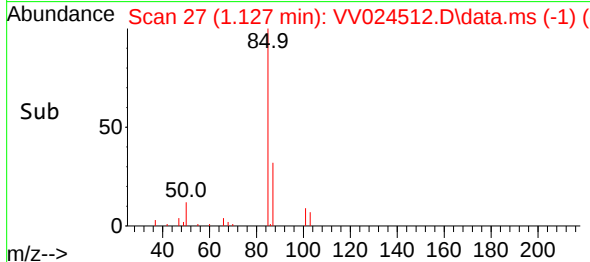
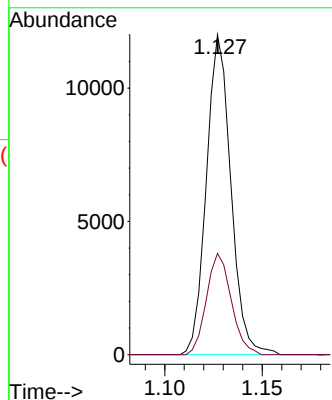
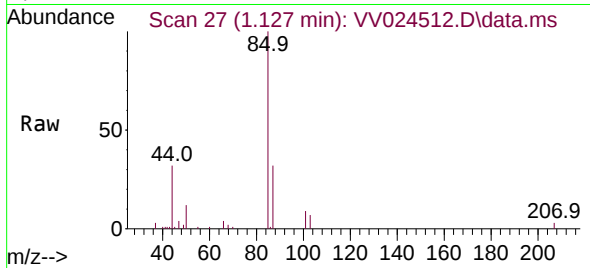




#2
 Dichlorodifluoromethane
 Concen: 4.288 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

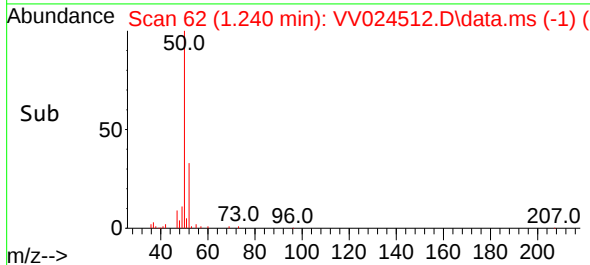
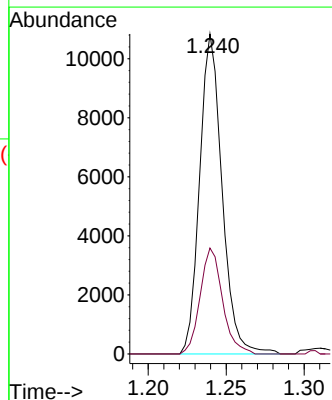
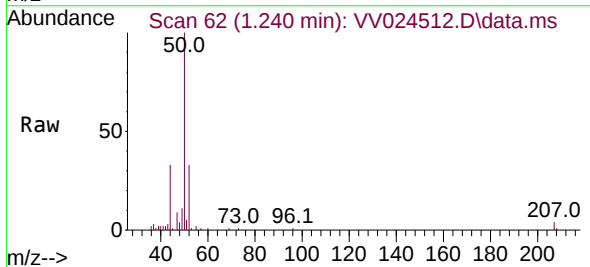
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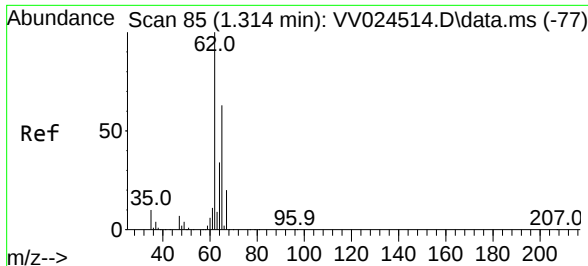
Tgt Ion: 85 Resp: 10484
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 5.054 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

Tgt Ion: 50 Resp: 10833
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.7

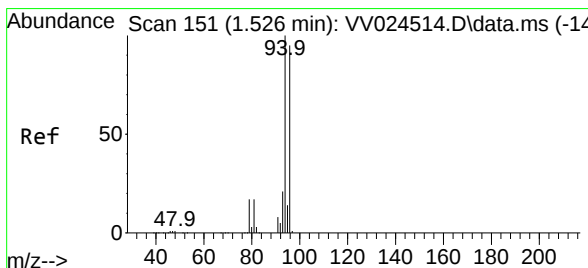
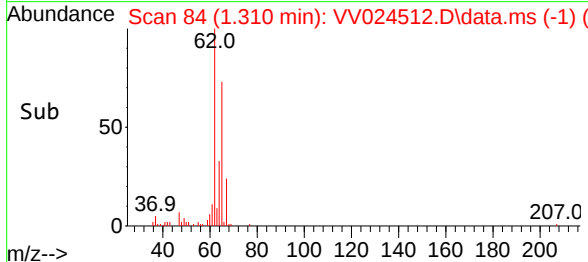
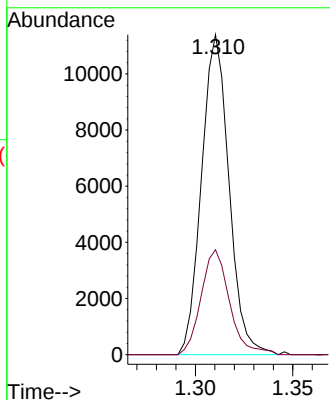
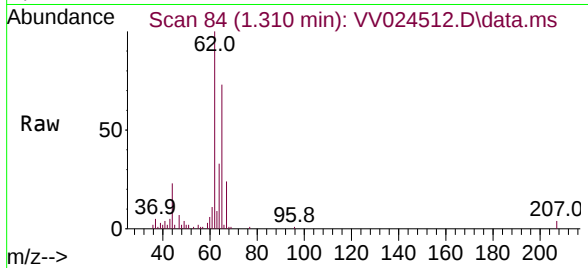




#5
 Vinyl chloride
 Concen: 4.943 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

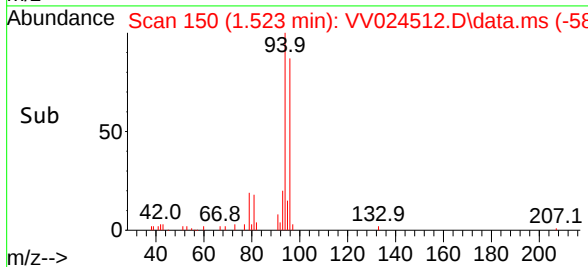
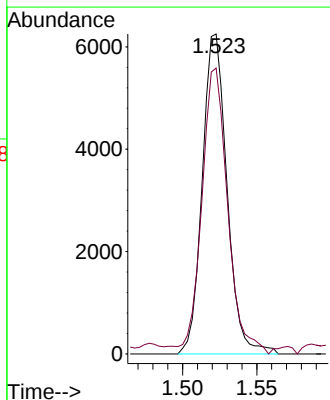
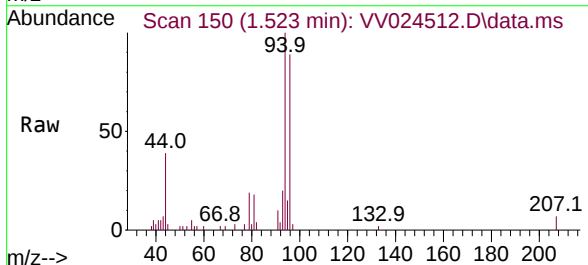
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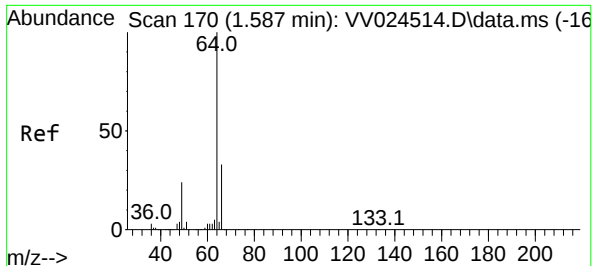
Tgt Ion: 62 Resp: 11170
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.6



#6
 Bromomethane
 Concen: 5.554 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

Tgt Ion: 94 Resp: 7240
 Ion Ratio Lower Upper
 94 100
 96 89.3 67.0 124.4

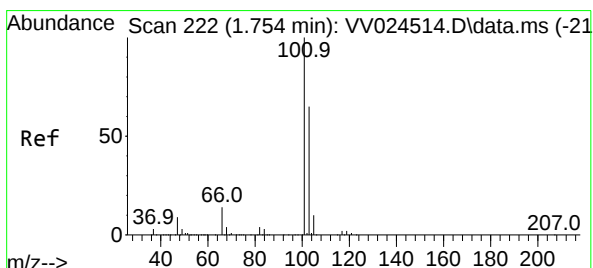
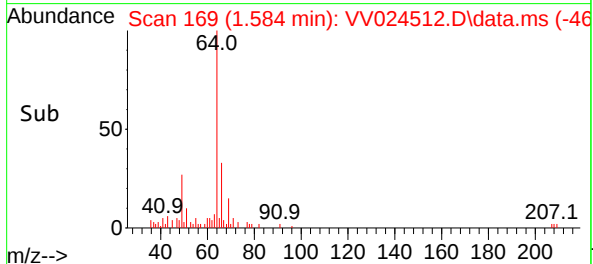
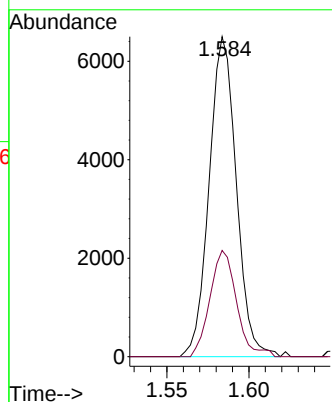
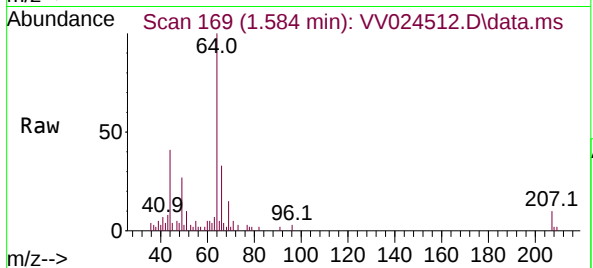




#8
Chloroethane
Concen: 5.308 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

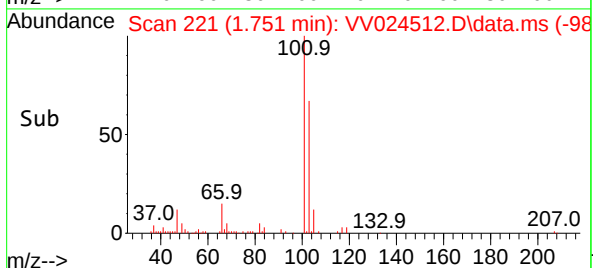
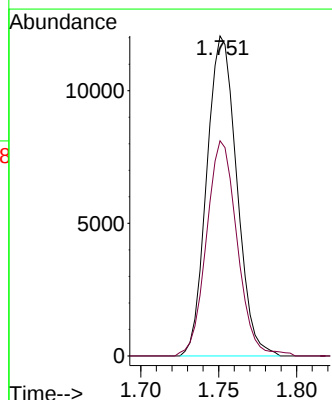
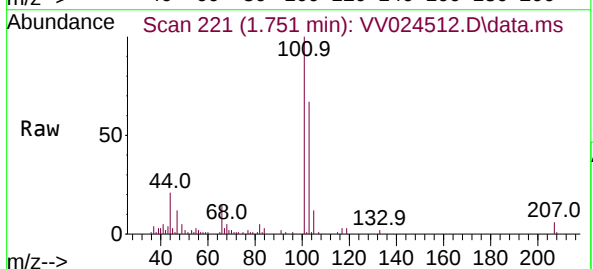
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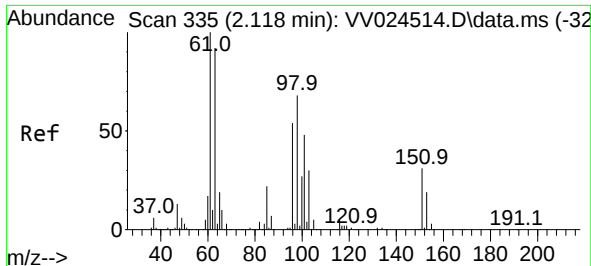
Tgt Ion: 64 Resp: 7481
Ion Ratio Lower Upper
64 100
66 33.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.122 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 101 Resp: 16165
Ion Ratio Lower Upper
101 100
103 68.7 51.7 77.5

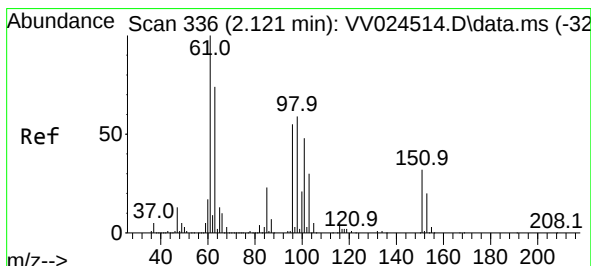
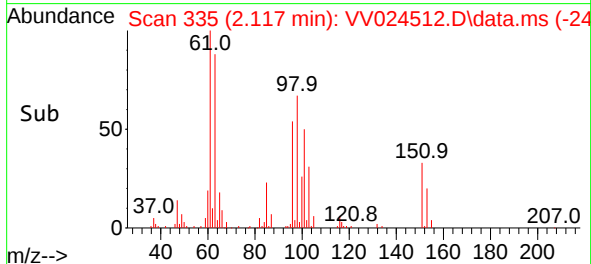
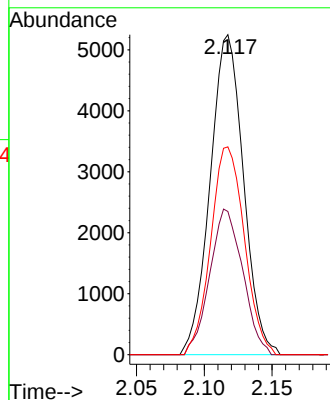
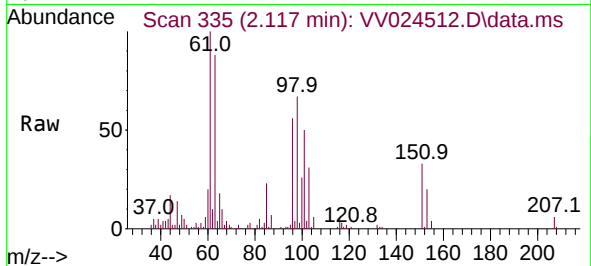




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.630 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

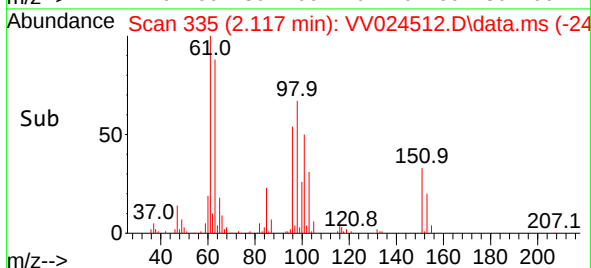
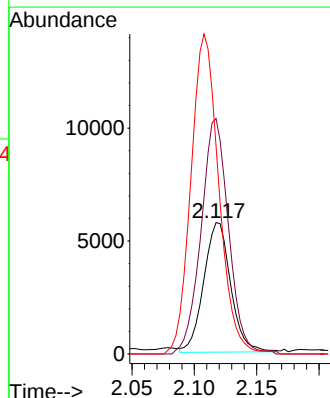
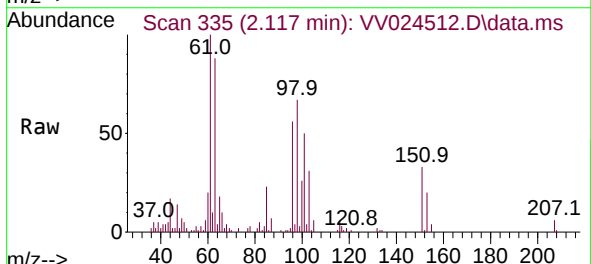
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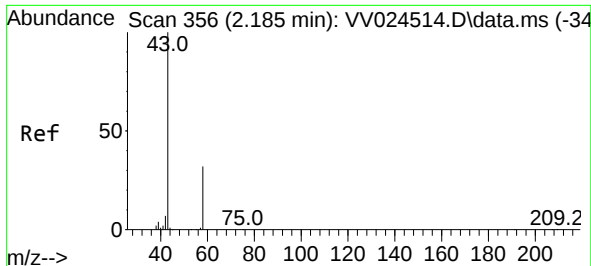
Tgt Ion:101 Resp: 8981
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.3 55.9
 151 65.6 50.8 76.2



#12
 1,1-Dichloroethene
 Concen: 4.618 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

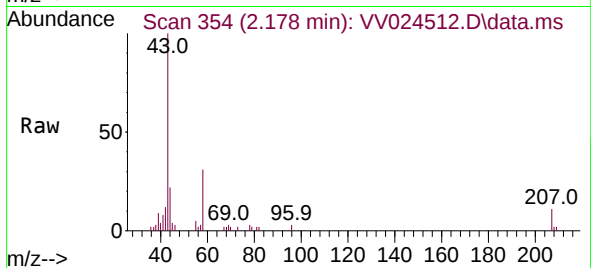
Tgt Ion: 96 Resp: 8632
 Ion Ratio Lower Upper
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 61 179.0 127.1 236.1
 63 158.3 94.5 175.5



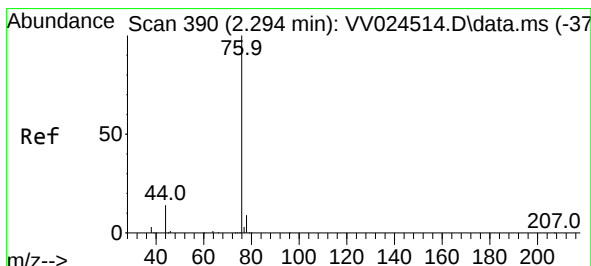
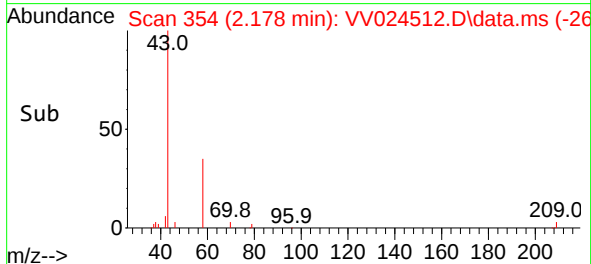
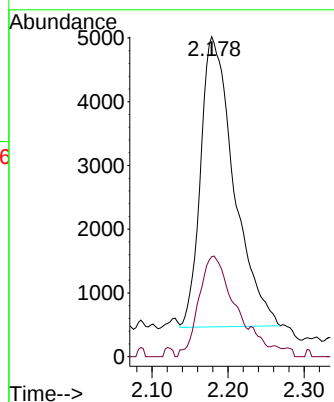


#13
Acetone
Concen: 10.746 ug/L
RT: 2.178 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Instrument :
MSVOA_V
ClientSampleId :

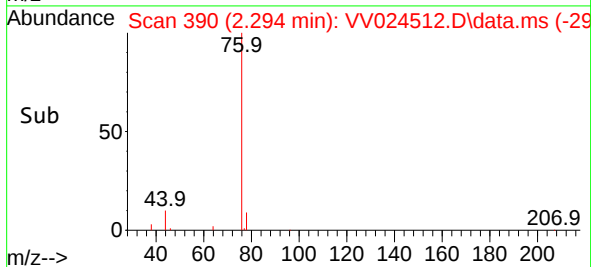
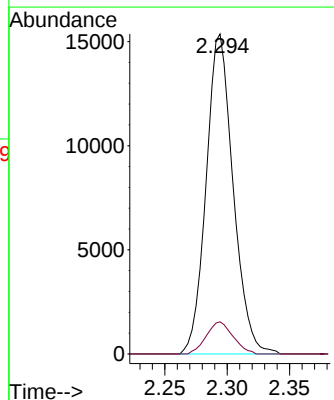
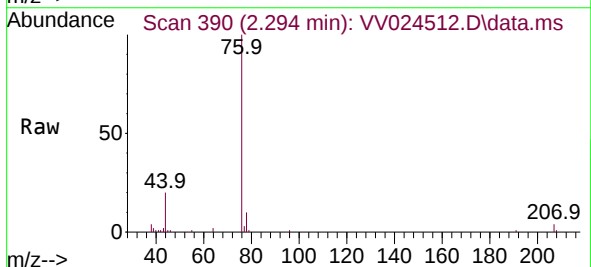


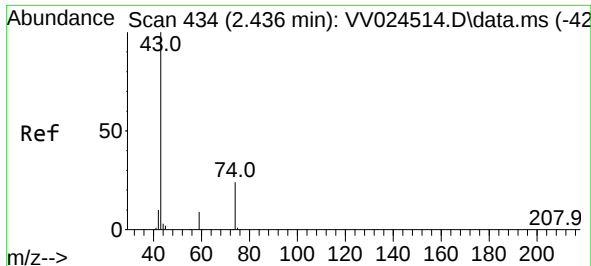
Tgt Ion: 43 Resp: 13879
Ion Ratio Lower Upper
43 100
58 30.6 0.0 65.0



#14
Carbon disulfide
Concen: 4.291 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 76 Resp: 23194
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7

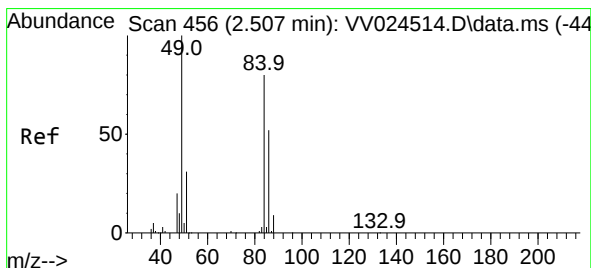
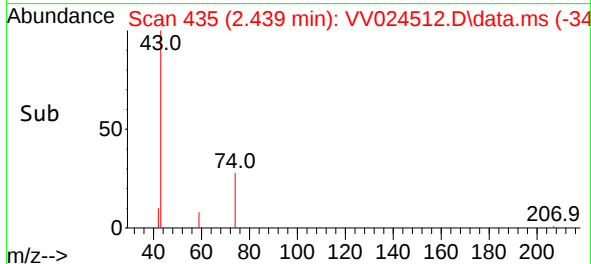
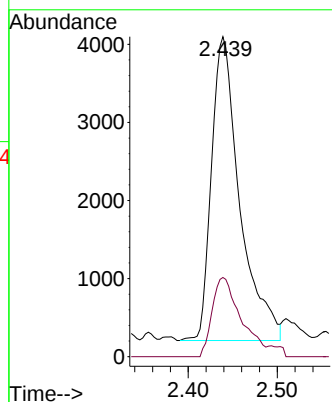
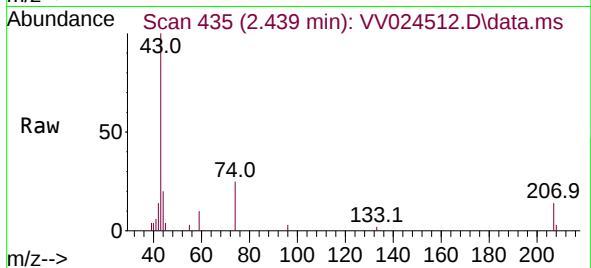




#15
Methyl Acetate
Concen: 4.633 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

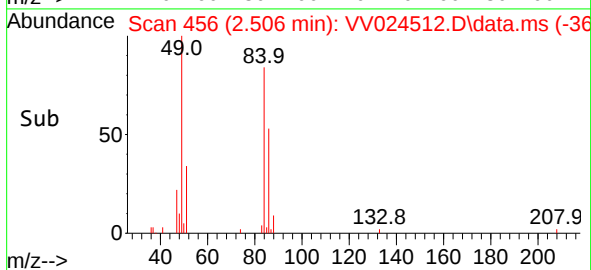
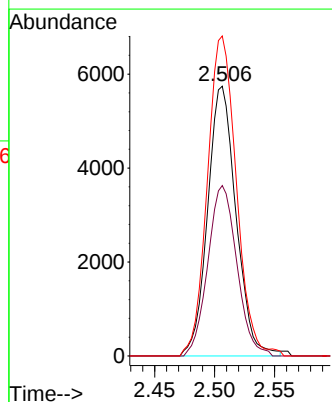
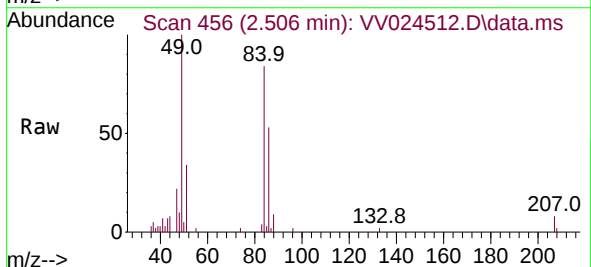
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MSVOA_V
ClientSampleId :

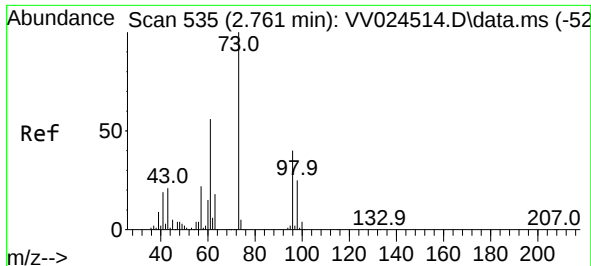
Tgt Ion: 43 Resp: 8570
Ion Ratio Lower Upper
43 100
74 26.4 19.7 29.5



#16
Methylene chloride
Concen: 4.614 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 84 Resp: 9472
Ion Ratio Lower Upper
84 100
86 63.2 45.5 84.5
49 118.6 87.0 161.6





#17

trans-1,2-Dichloroethene

Concen: 4.357 ug/L

RT: 2.760 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

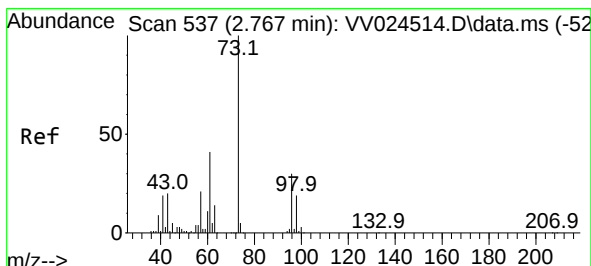
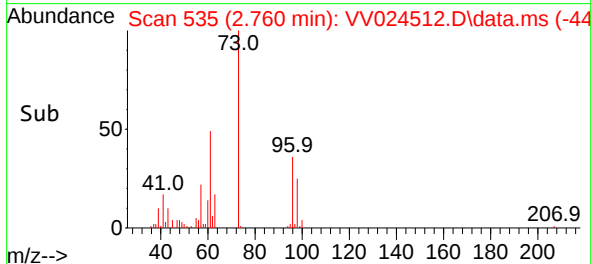
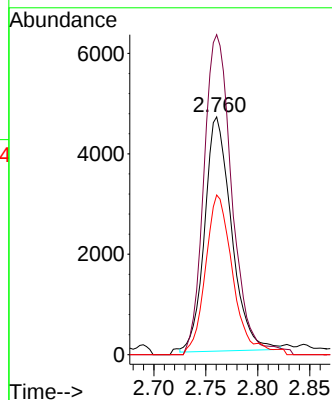
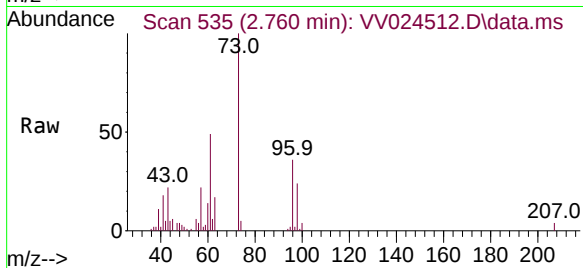
Tgt Ion: 96 Resp: 8401

Ion Ratio Lower Upper

96 100

61 134.6 98.2 182.4

98 67.2 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 4.732 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.003 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

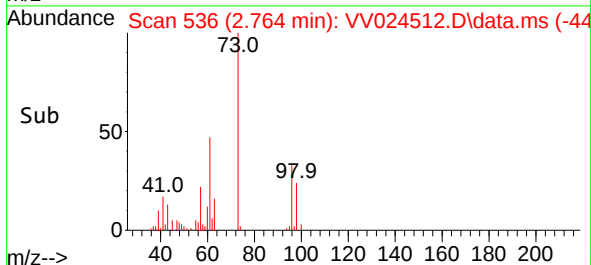
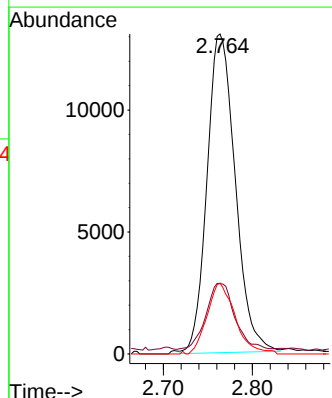
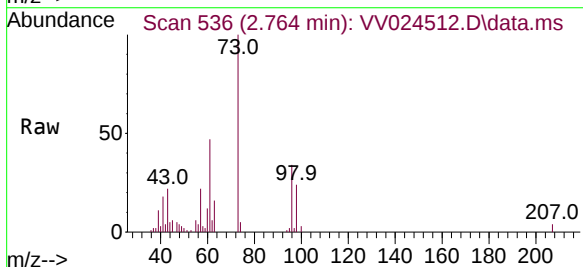
Tgt Ion: 73 Resp: 28802

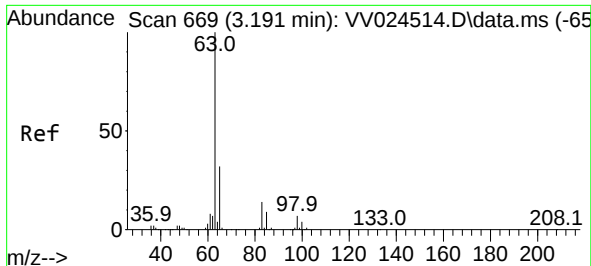
Ion Ratio Lower Upper

73 100

43 20.4 16.0 24.0

57 21.9 17.2 25.8

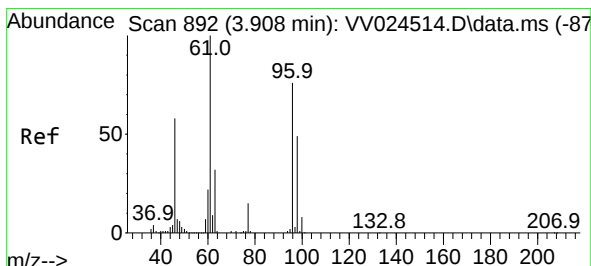
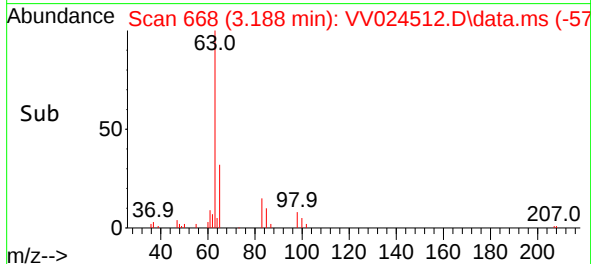
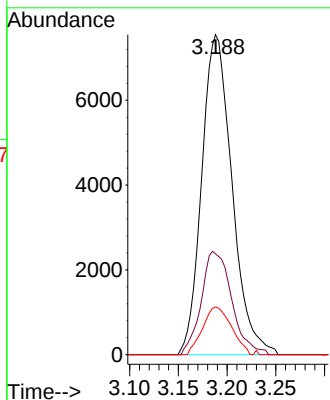
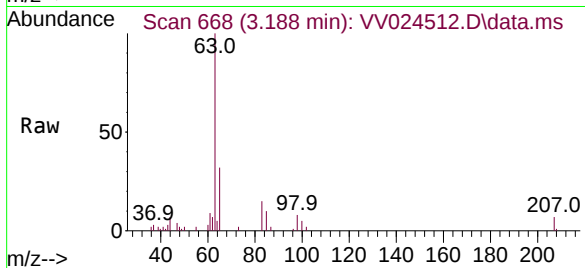




#19
1,1-Dichloroethane
Concen: 4.958 ug/L
RT: 3.188 min Scan# 619
Delta R.T. -0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

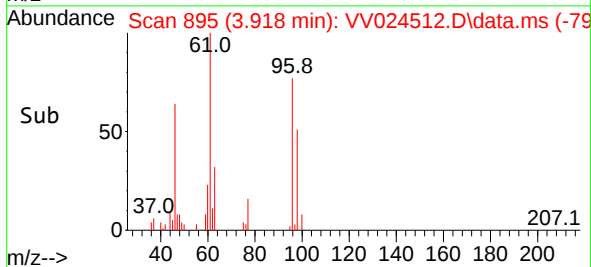
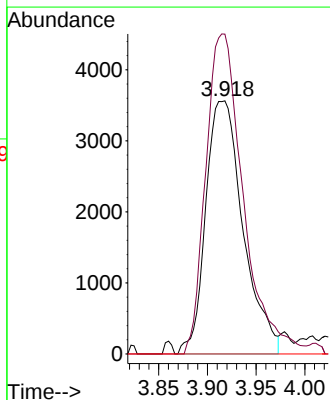
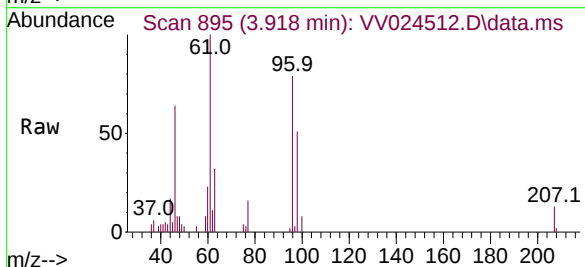
Instrument :
MSVOA_V
ClientSampleId :

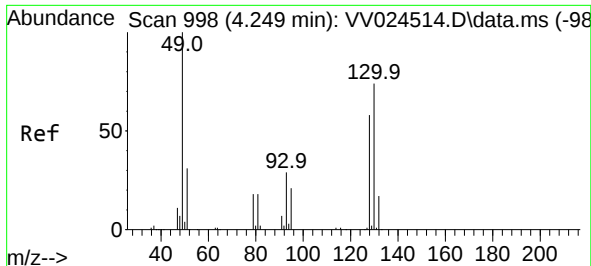
Tgt Ion: 63 Resp: 16330
Ion Ratio Lower Upper
63 100
65 31.5 22.2 41.2
83 14.9 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 4.583 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.009 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

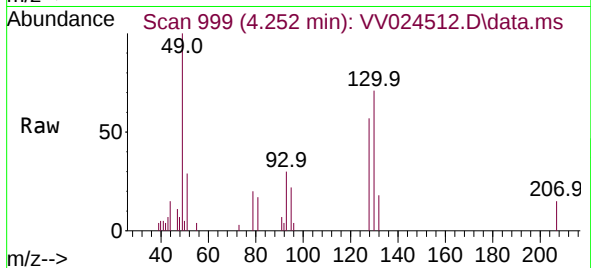
Tgt Ion: 96 Resp: 9526
Ion Ratio Lower Upper
96 100
61 126.3 91.5 169.9
68 0.0 0.0 0.0



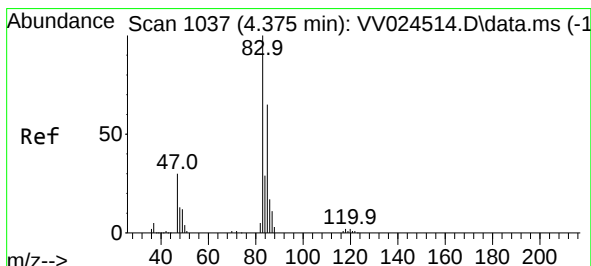
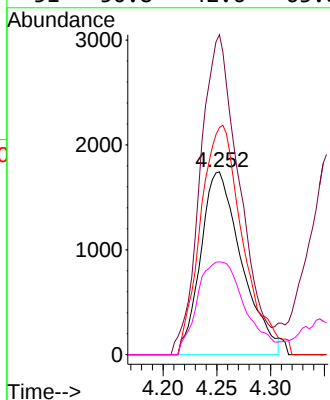
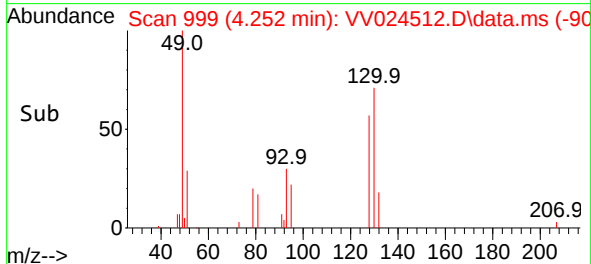


#23
Bromochloromethane
Concen: 3.985 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Instrument :
MSVOA_V
ClientSampleId :

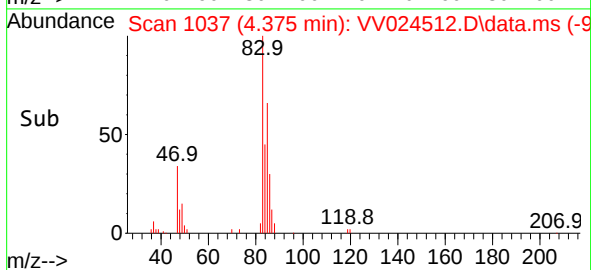
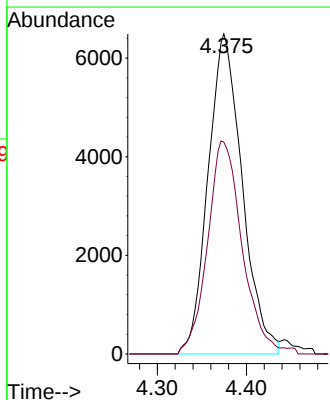
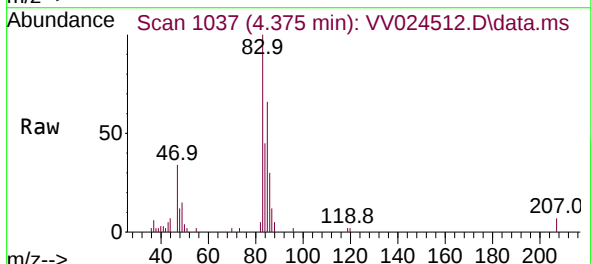


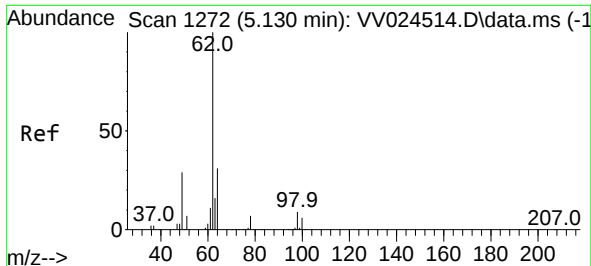
Tgt Ion:128 Resp: 4598
Ion Ratio Lower Upper
128 100
49 175.1 120.1 223.1
130 124.3 88.8 164.8
51 50.8 42.6 63.8



#25
Chloroform
Concen: 4.587 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 83 Resp: 17249
Ion Ratio Lower Upper
83 100
85 66.2 45.4 84.4





#27

1,2-Dichloroethane

Concen: 4.460 ug/L

RT: 5.137 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

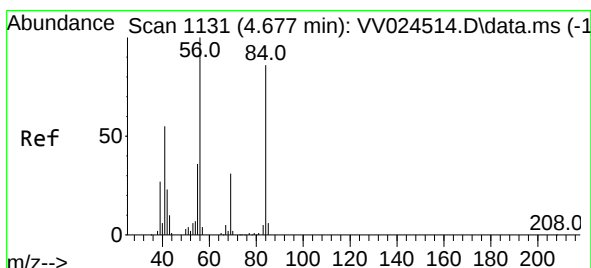
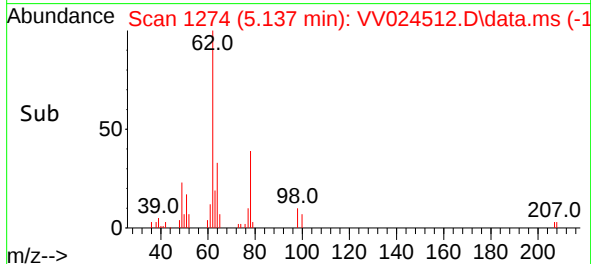
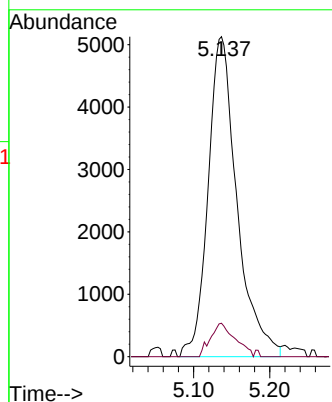
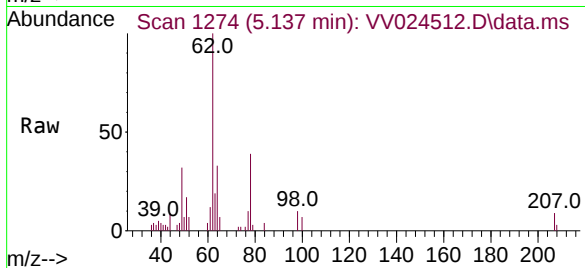
ClientSampleId :

Tgt Ion: 62 Resp: 13549

Ion Ratio Lower Upper

62 100

98 10.5 7.5 11.3



#29

Cyclohexane

Concen: 5.775 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

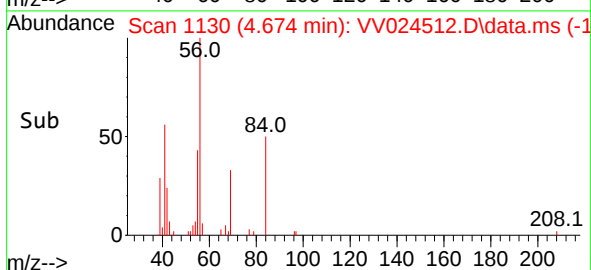
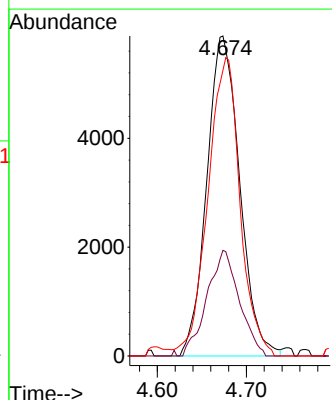
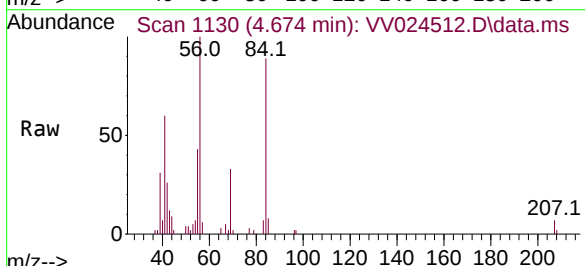
Tgt Ion: 56 Resp: 15078

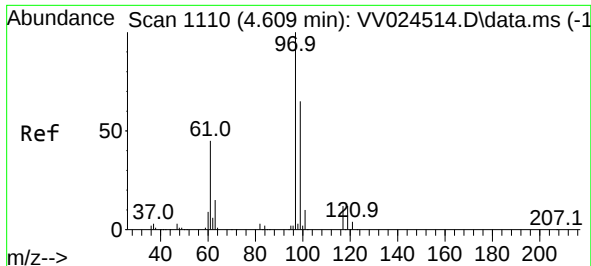
Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 91.1 70.2 105.4





#30

1,1,1-Trichloroethane

Concen: 4.441 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

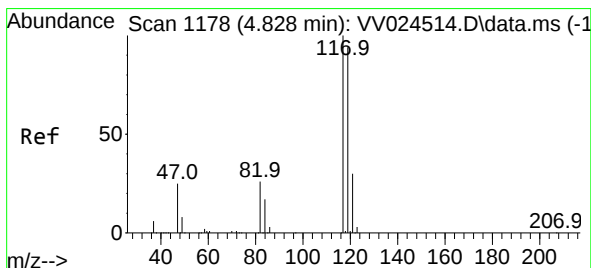
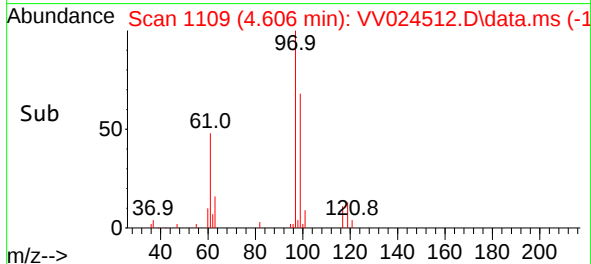
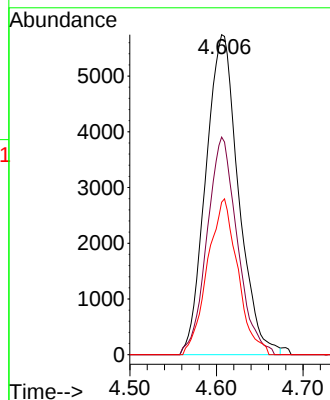
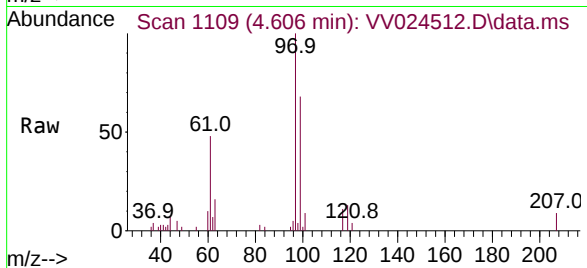
Tgt Ion: 97 Resp: 15075

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 45.1 35.9 53.9



#31

Carbon tetrachloride

Concen: 3.936 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VV024512.D

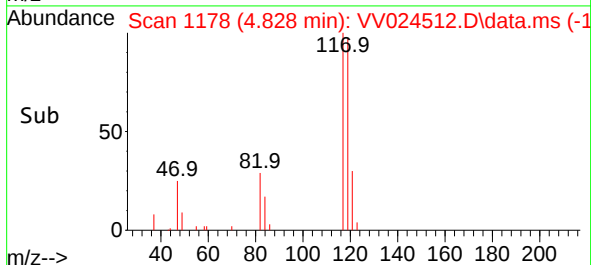
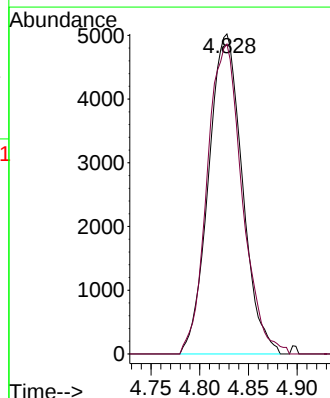
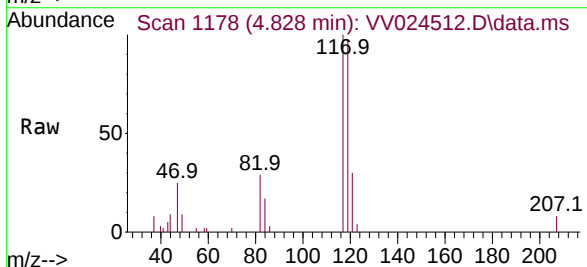
Acq: 02 Feb 2022 10:03

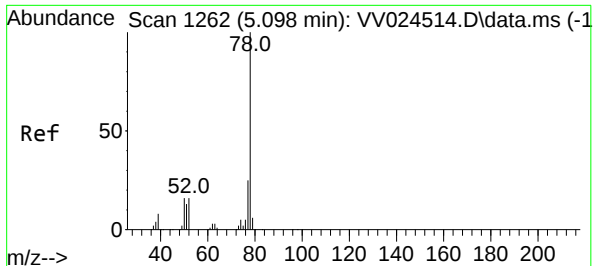
Tgt Ion: 117 Resp: 12117

Ion Ratio Lower Upper

117 100

119 100.0 76.7 115.1

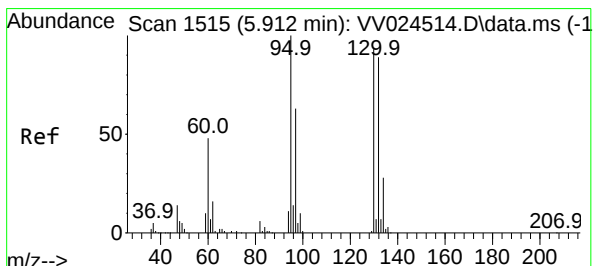
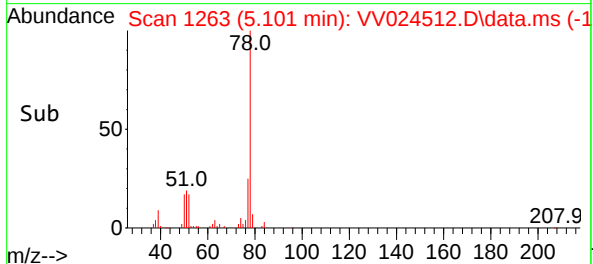
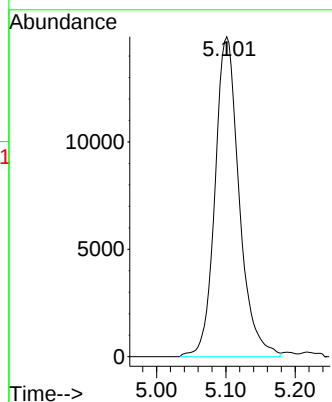
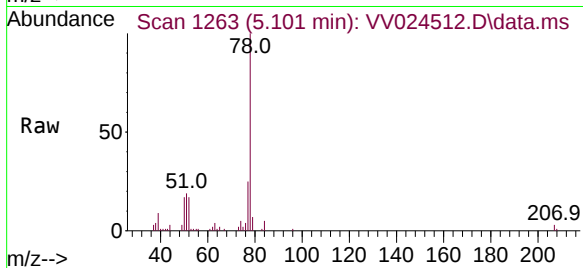




#33
Benzene
Concen: 5.051 ug/L
RT: 5.101 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Instrument :
MSVOA_V
ClientSampleId :

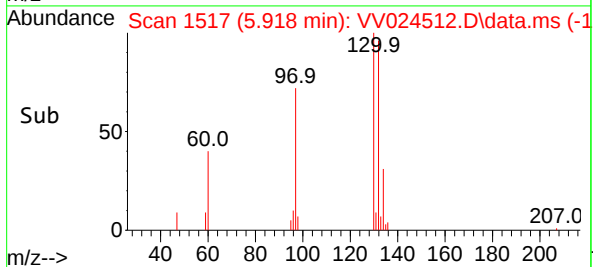
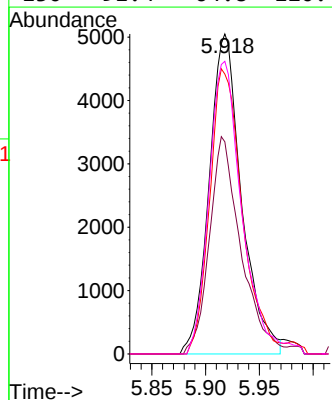
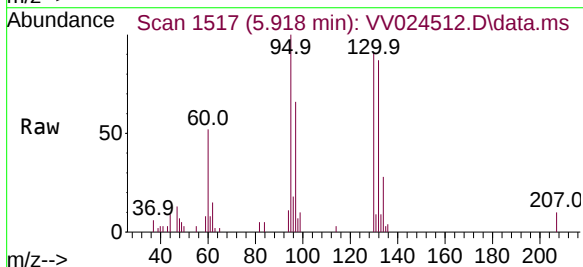
Tgt Ion: 78 Resp: 36175

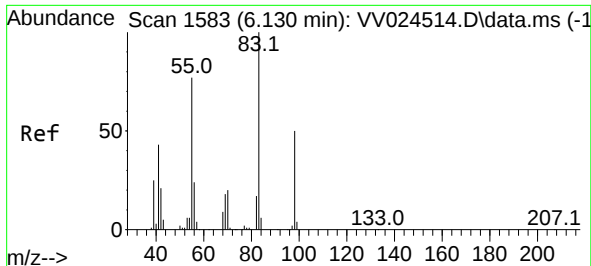


#34
Trichloroethene
Concen: 5.268 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 95 Resp: 10558

Ion	Ratio	Lower	Upper
95	100		
97	66.3	44.1	81.9
132	87.5	62.4	116.0
130	91.4	64.8	120.4

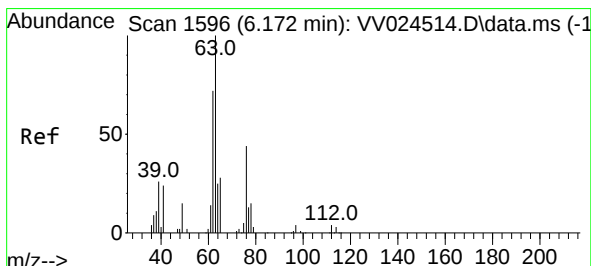
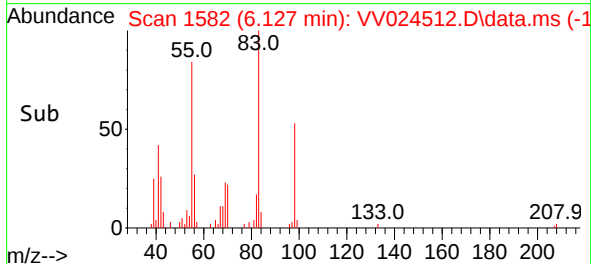
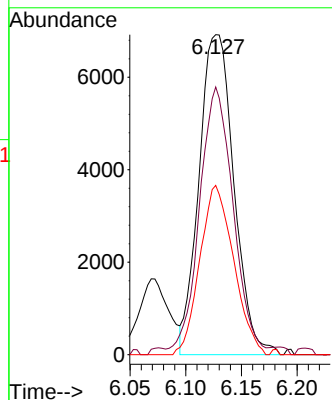
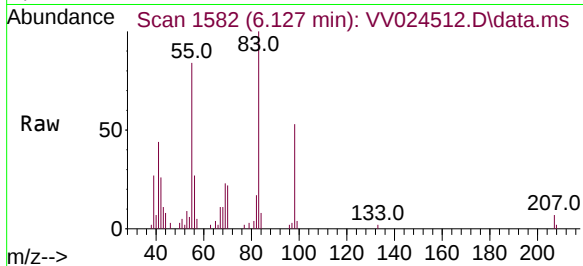




#35
Methylcyclohexane
Concen: 5.127 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

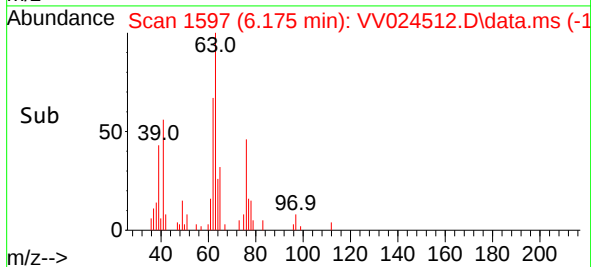
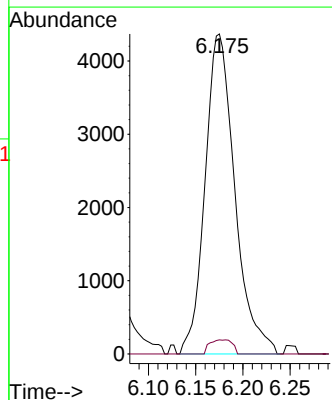
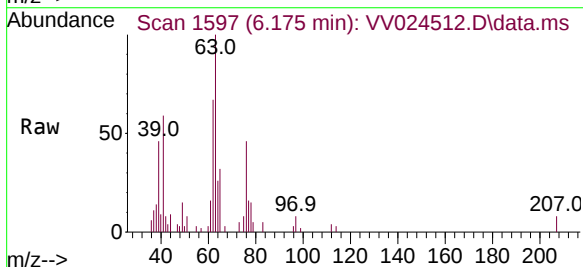
Instrument :
MSVOA_V
ClientSampleId :

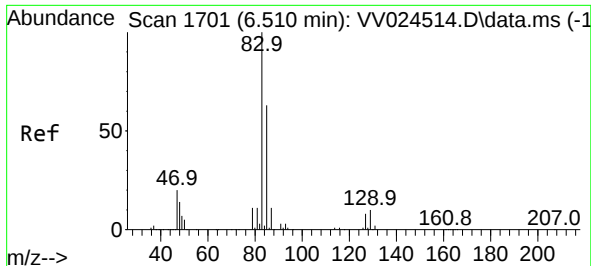
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	60.9	91.3
98	51.1	39.2	58.8



#37
1,2-Dichloropropane
Concen: 5.480 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion	Ratio	Lower	Upper
63	100		
112	2.0	3.4	5.2

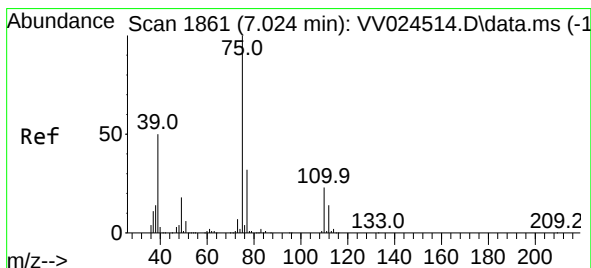
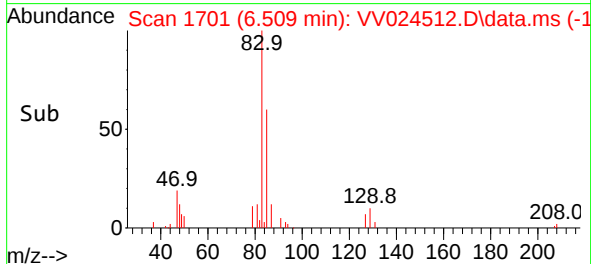
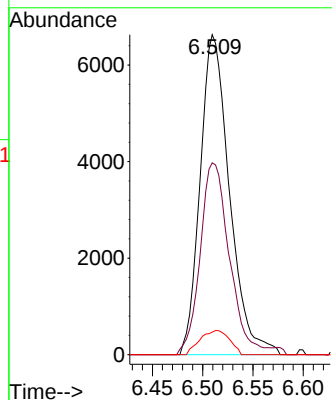
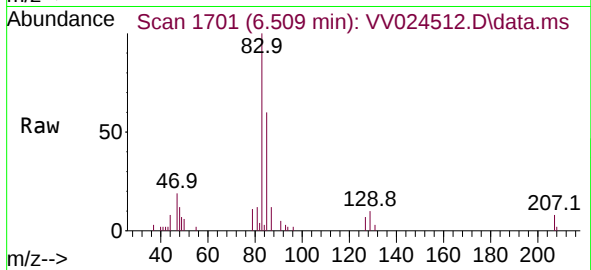




#38
Bromodichloromethane
Concen: 5.049 ug/L
RT: 6.509 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

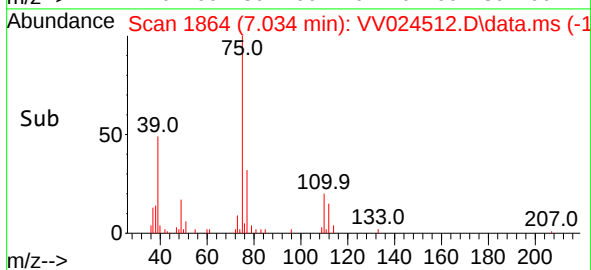
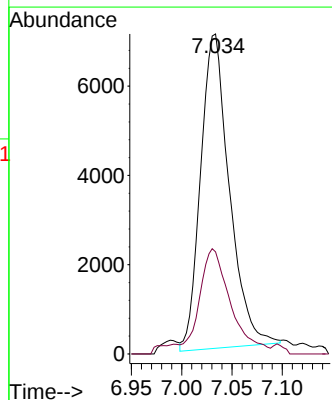
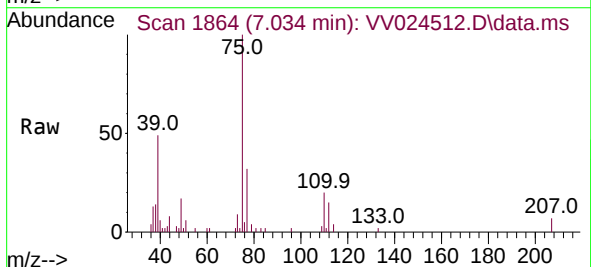
Instrument :
MSVOA_V
ClientSampleId :

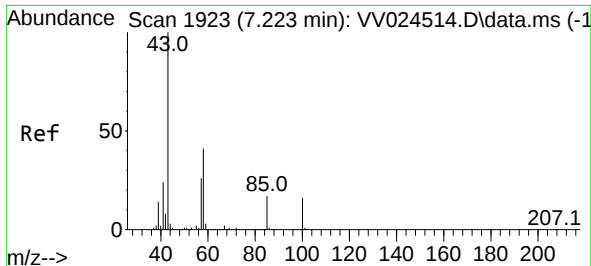
Tgt Ion: 83 Resp: 13439
Ion Ratio Lower Upper
83 100
85 59.9 44.2 82.2
127 7.0 6.4 9.6



#39
cis-1,3-Dichloropropene
Concen: 4.786 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.009 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 75 Resp: 14008
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.3





#40

4-Methyl-2-pentanone

Concen: 10.632 ug/L

RT: 7.226 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

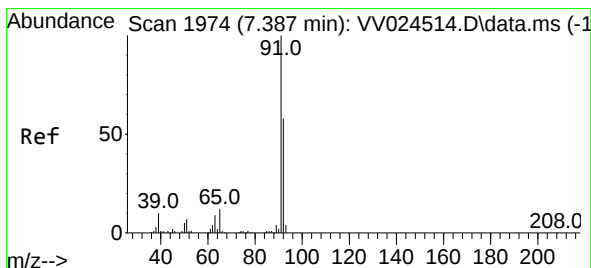
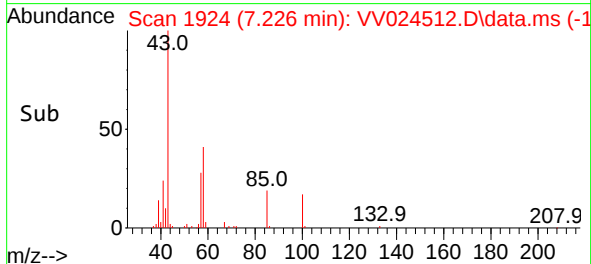
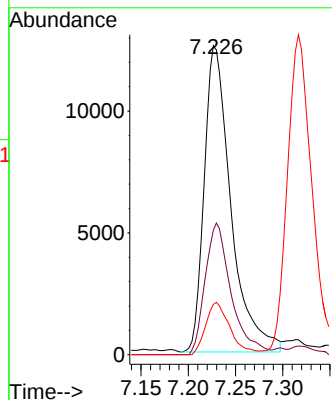
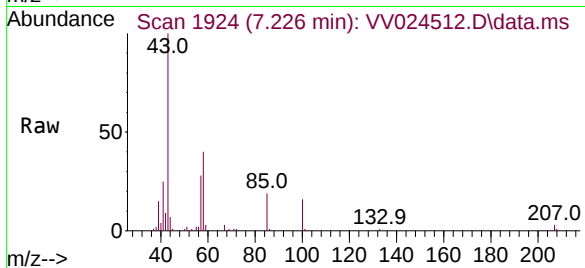
Tgt Ion: 43 Resp: 24770

Ion Ratio Lower Upper

43 100

58 41.7 32.5 48.7

100 15.5 12.7 19.1



#42

Toluene

Concen: 4.800 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV024512.D

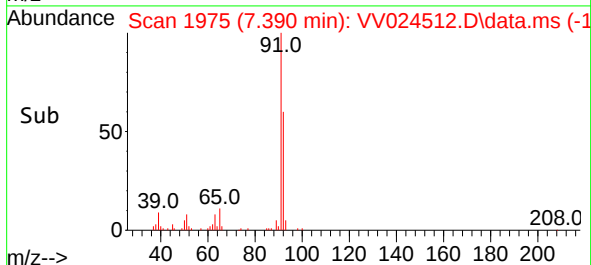
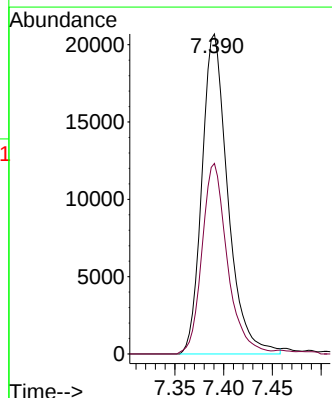
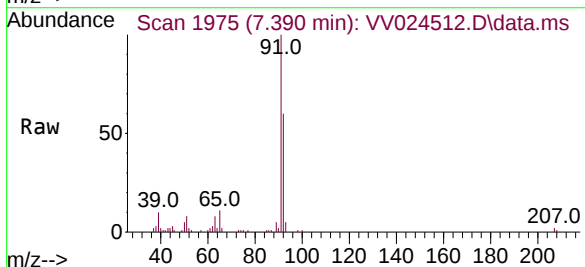
Acq: 02 Feb 2022 10:03

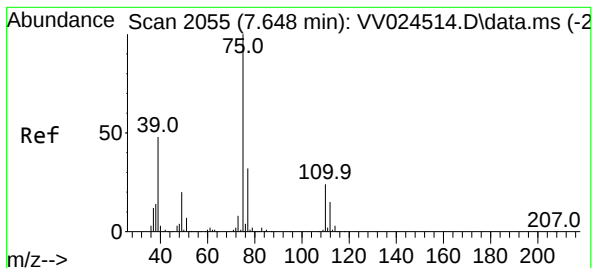
Tgt Ion: 91 Resp: 38312

Ion Ratio Lower Upper

91 100

92 59.6 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 4.826 ug/L

RT: 7.657 min Scan# 2055

Delta R.T. 0.009 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

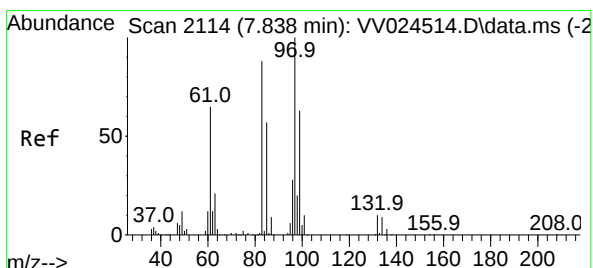
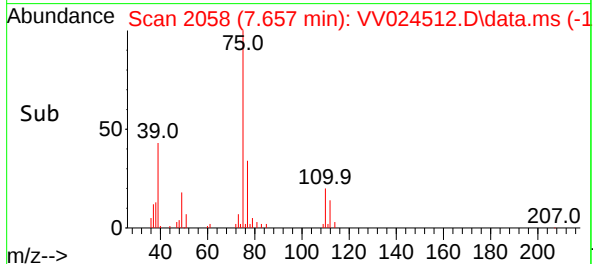
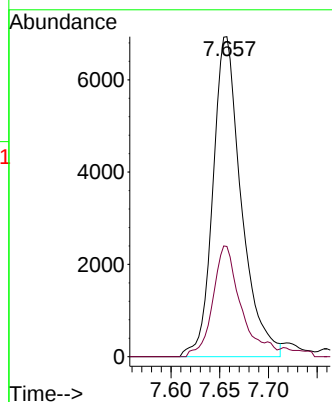
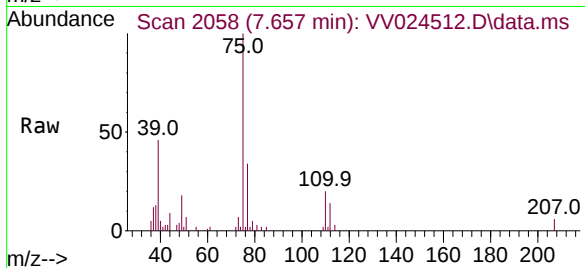
ClientSampleId :

Tgt Ion: 75 Resp: 14073

Ion Ratio Lower Upper

75 100

77 34.4 22.7 42.1



#45

1,1,2-Trichloroethane

Concen: 4.944 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Tgt Ion: 97 Resp: 9281

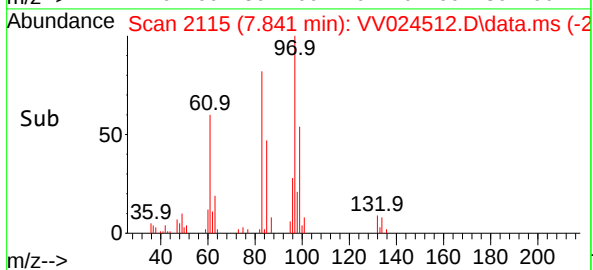
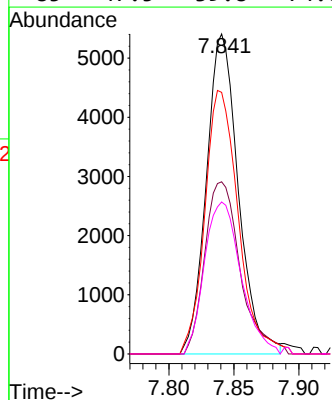
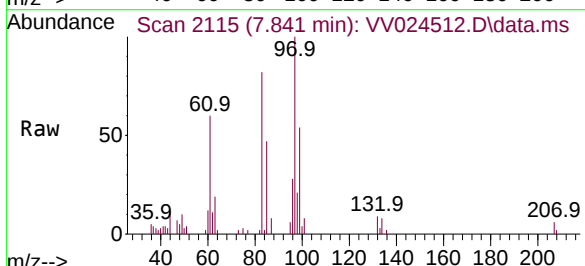
Ion Ratio Lower Upper

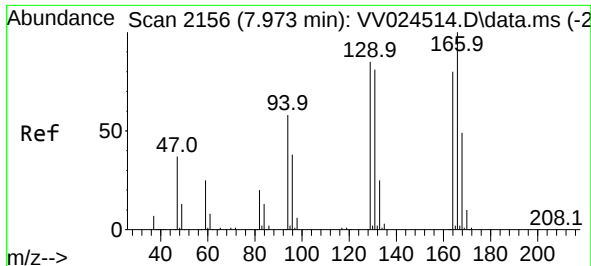
97 100

99 53.8 43.8 81.4

83 81.7 61.7 114.7

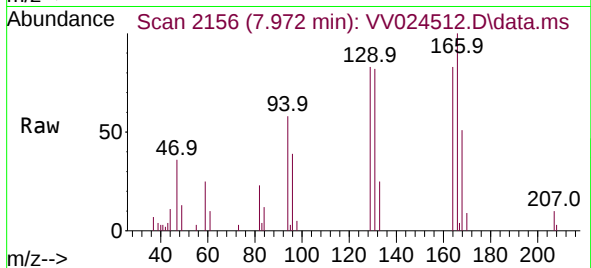
85 47.5 39.8 74.0





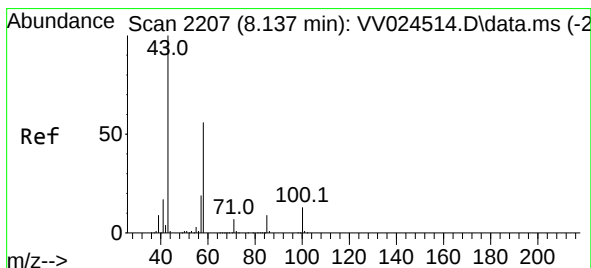
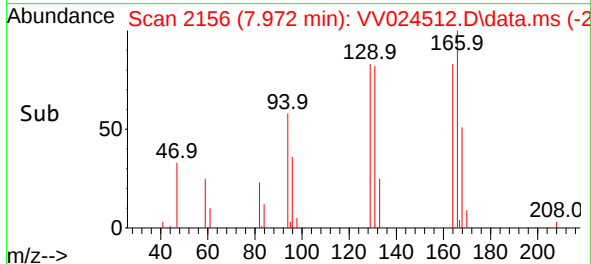
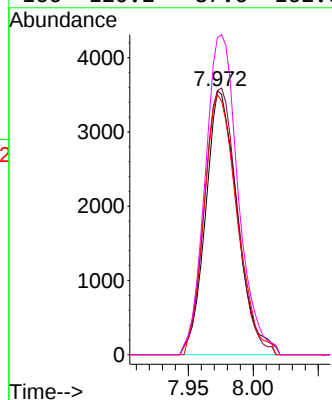
#46
Tetrachloroethene
Concen: 3.615 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 6055

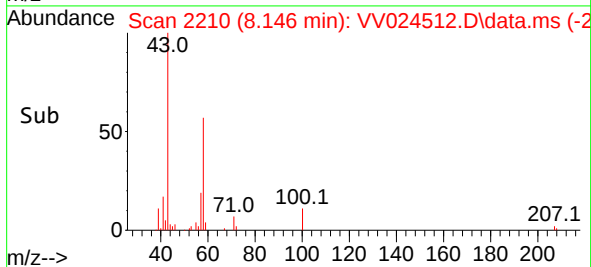
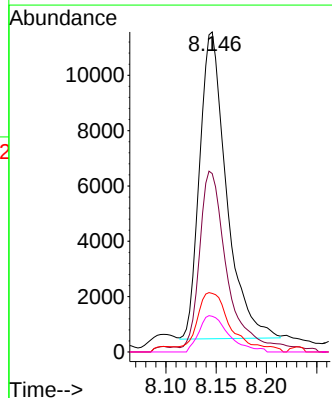
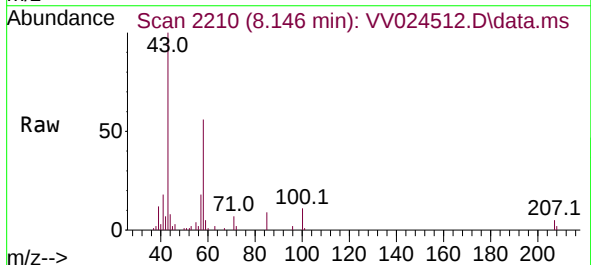
Ion	Ratio	Lower	Upper
164	100		
129	100.1	74.8	138.8
131	98.4	70.8	131.6
166	120.2	87.6	162.6

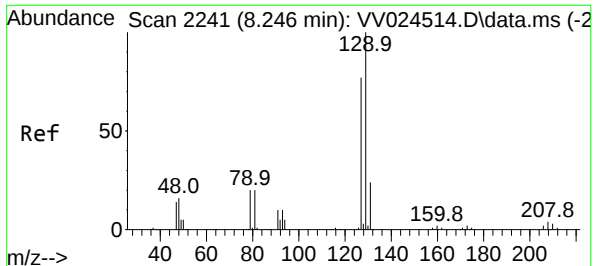


#48
2-Hexanone
Concen: 10.855 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.009 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 43 Resp: 20572

Ion	Ratio	Lower	Upper
43	100		
58	59.4	44.8	67.2
57	19.9	15.1	22.7
100	12.9	9.9	14.9





#49

Dibromochloromethane

Concen: 3.991 ug/L

RT: 8.246 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

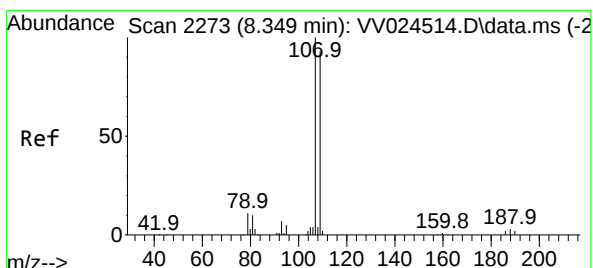
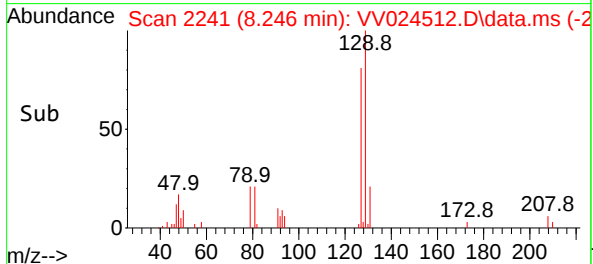
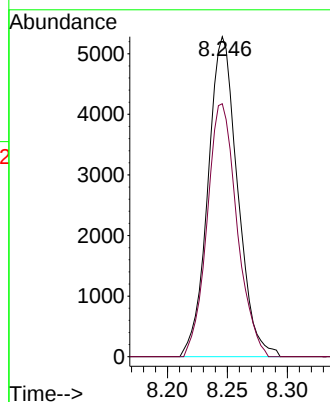
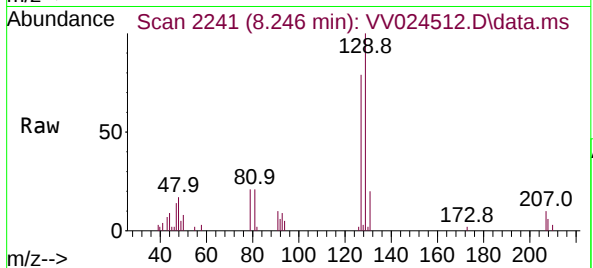
ClientSampleId :

Tgt Ion:129 Resp: 9097

Ion Ratio Lower Upper

129 100

127 79.1 53.6 99.6



#50

1,2-Dibromoethane

Concen: 4.539 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

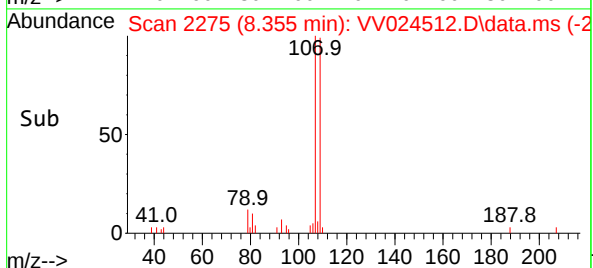
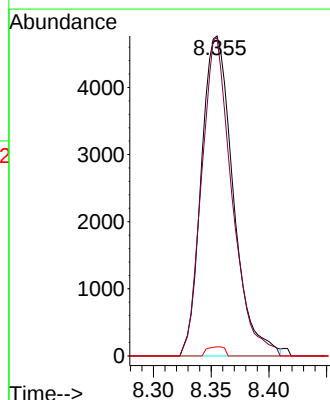
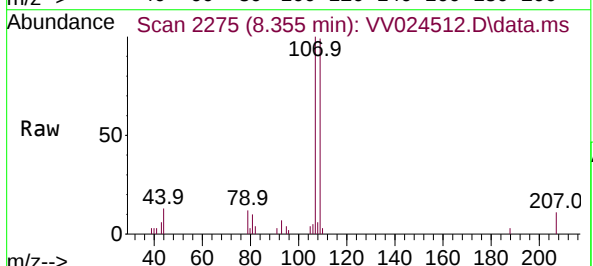
Tgt Ion:107 Resp: 9122

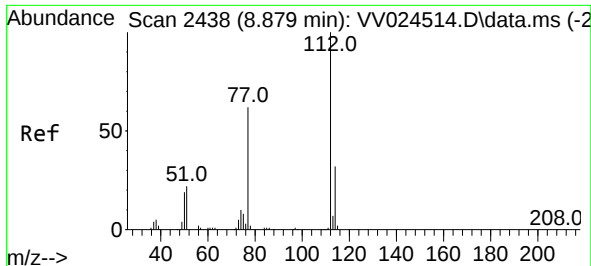
Ion Ratio Lower Upper

107 100

109 99.5 65.4 121.4

188 2.9 2.6 3.8

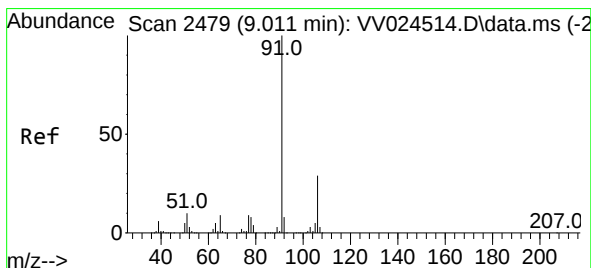
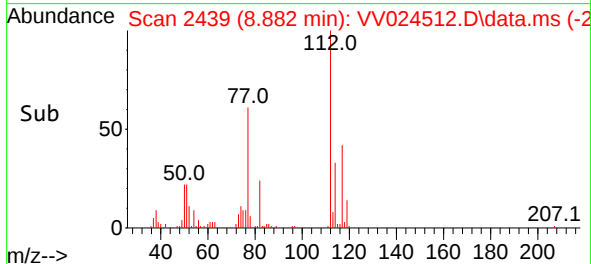
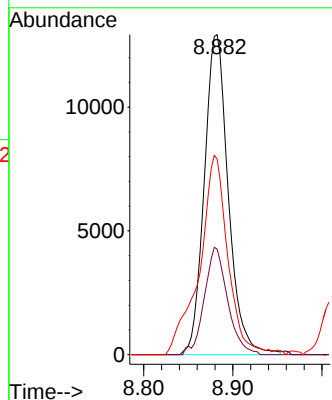
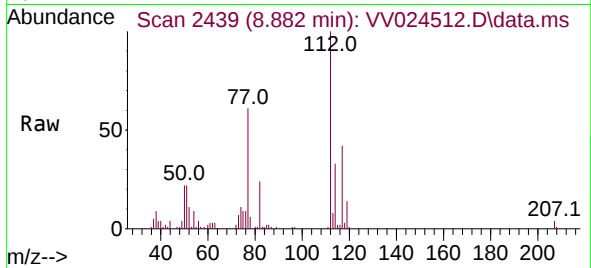




#51
Chlorobenzene
Concen: 4.559 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

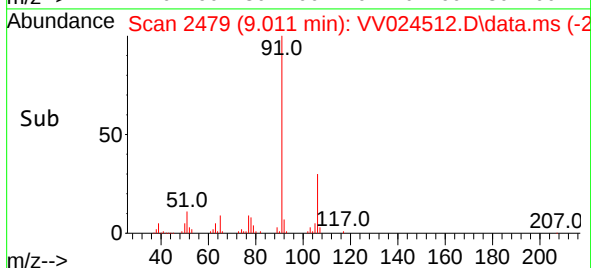
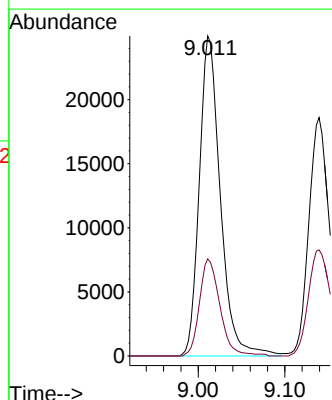
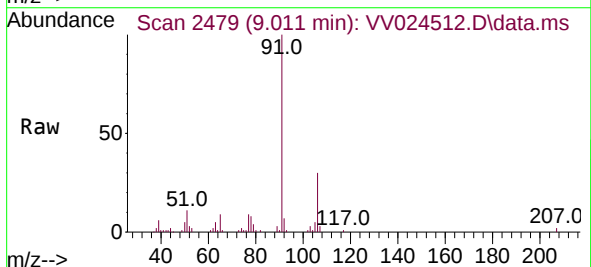
Instrument :
MSVOA_V
ClientSampleId :

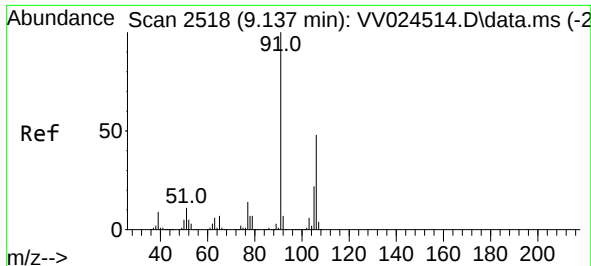
Tgt Ion:112 Resp: 24221
Ion Ratio Lower Upper
112 100
114 33.0 22.7 42.1
77 61.1 49.9 74.9



#52
Ethylbenzene
Concen: 4.908 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 91 Resp: 42183
Ion Ratio Lower Upper
91 100
106 30.3 20.6 38.2

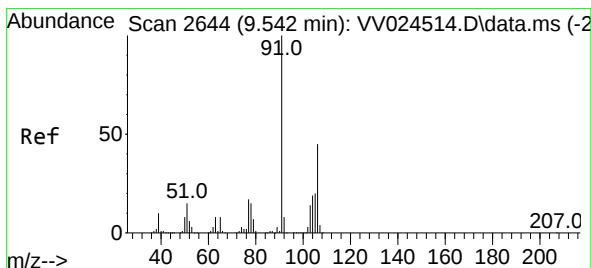
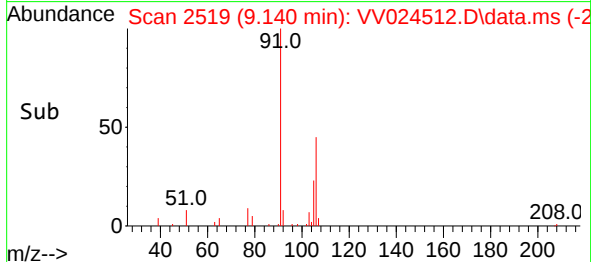
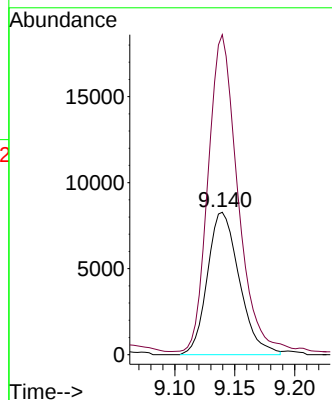
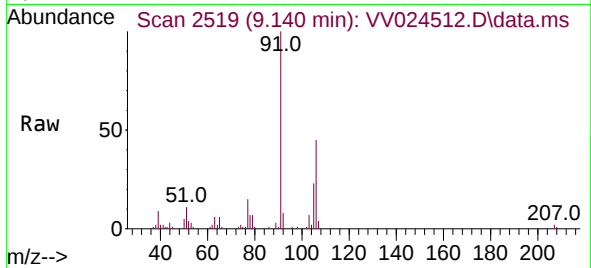




#53
m,p-Xylene
Concen: 4.533 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

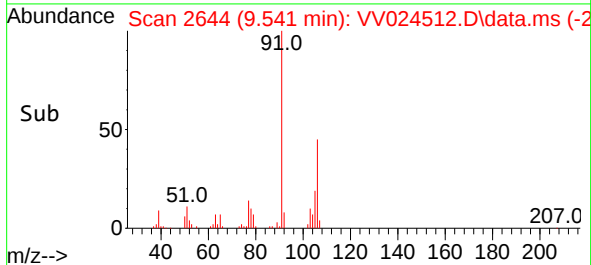
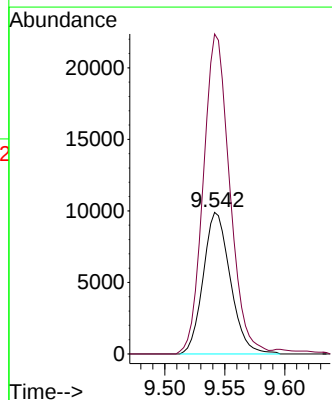
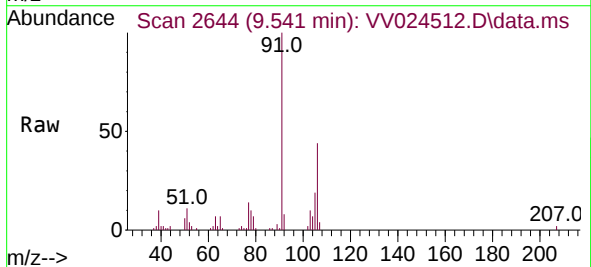
Instrument :
MSVOA_V
ClientSampleId :

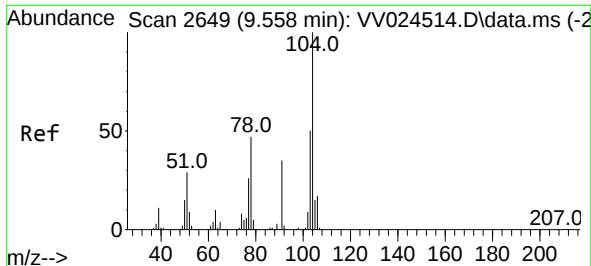
Tgt Ion:106 Resp: 15360
Ion Ratio Lower Upper
106 100
91 224.6 144.6 268.6



#54
o-Xylene
Concen: 4.780 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion:106 Resp: 15561
Ion Ratio Lower Upper
106 100
91 225.9 155.4 288.6

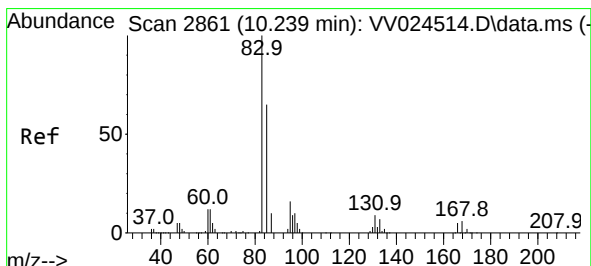
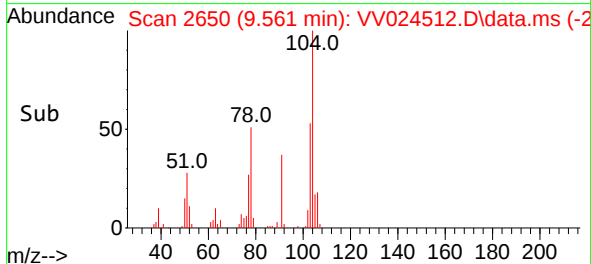
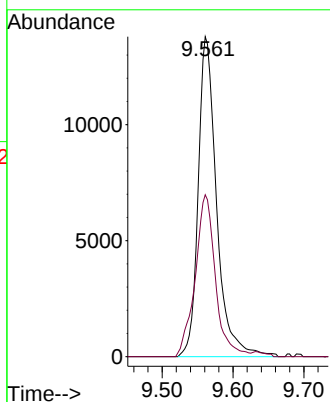
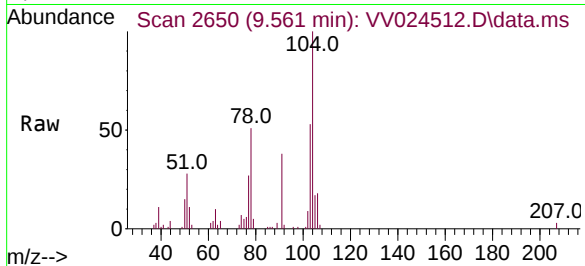




#55
Styrene
Concen: 4.437 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

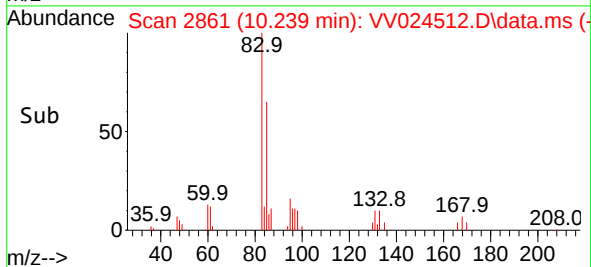
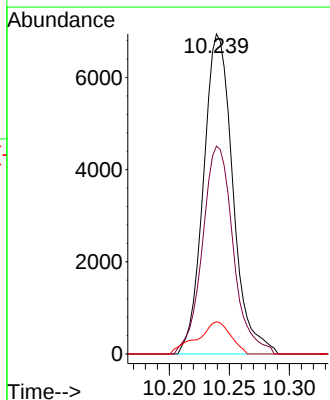
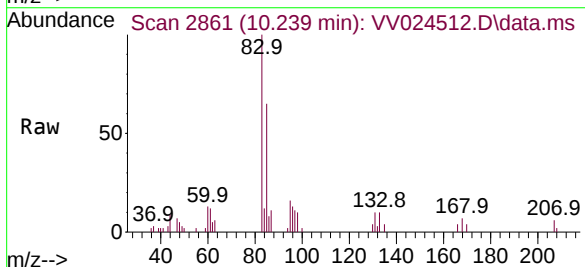
Instrument :
MSVOA_V
ClientSampleId :

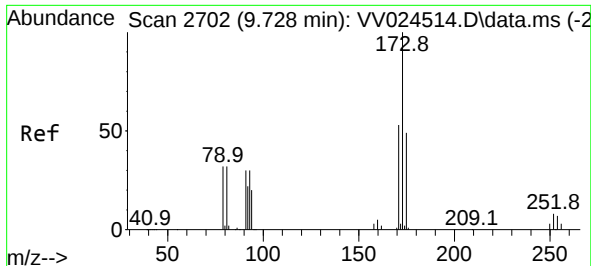
Tgt Ion:104 Resp: 24891
Ion Ratio Lower Upper
104 100
78 50.6 32.9 61.1



#57
1,1,2,2-Tetrachloroethane
Concen: 4.312 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion: 83 Resp: 11839
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.6
131 10.1 7.1 10.7





#59

Bromoform

Concen: 3.443 ug/L

RT: 9.731 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024512.D

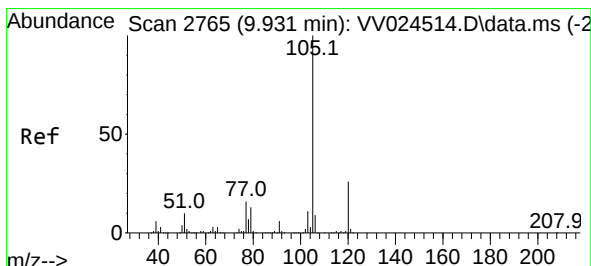
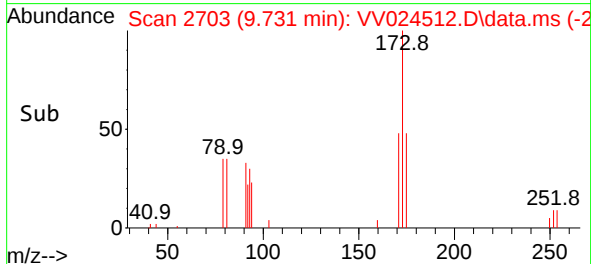
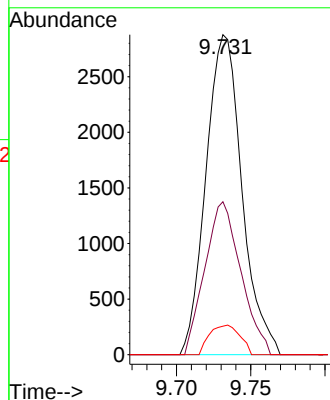
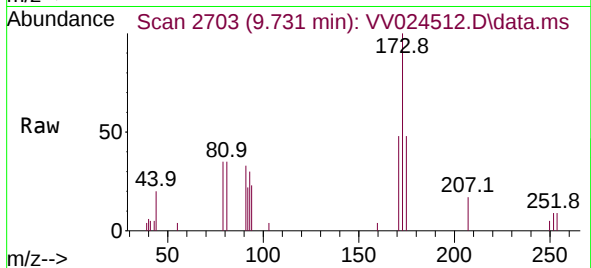
Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	4850
Ion Ratio	Lower	Upper
173	100	
175	47.8	38.6 57.8
254	7.8	5.8 8.8



#60

Isopropylbenzene

Concen: 5.538 ug/L

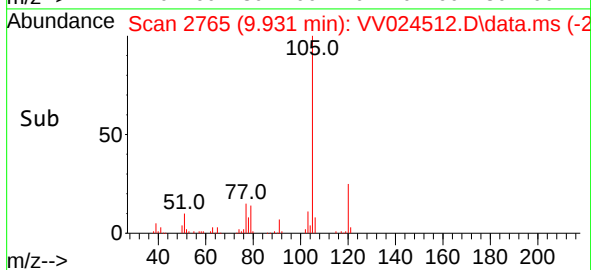
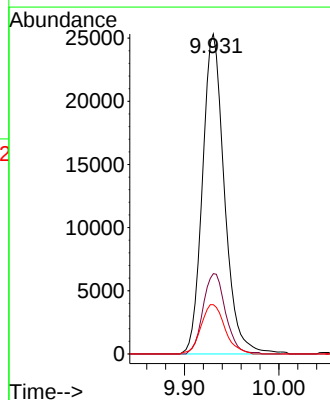
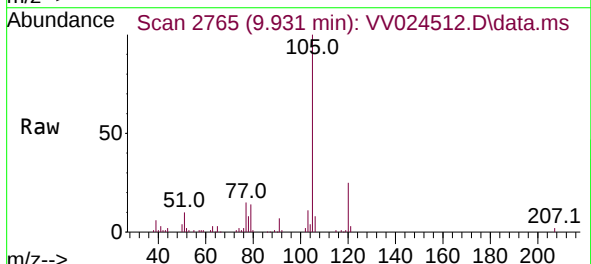
RT: 9.931 min Scan# 2765

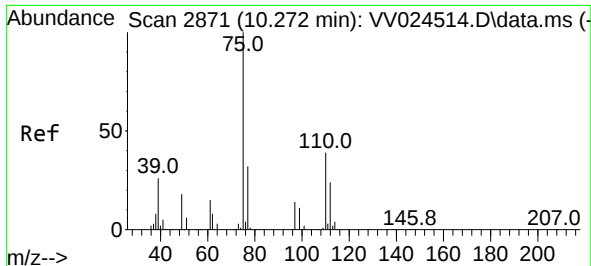
Delta R.T. -0.000 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Tgt Ion:105	Resp:	40861
Ion Ratio	Lower	Upper
105	100	
120	25.7	20.4 30.6
77	16.8	13.1 19.7

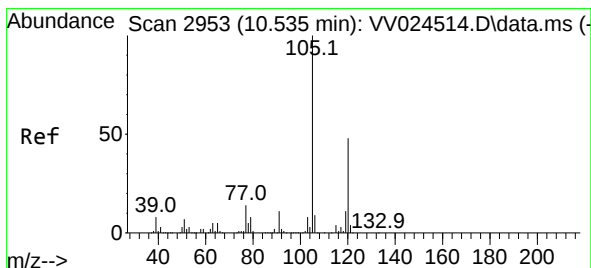
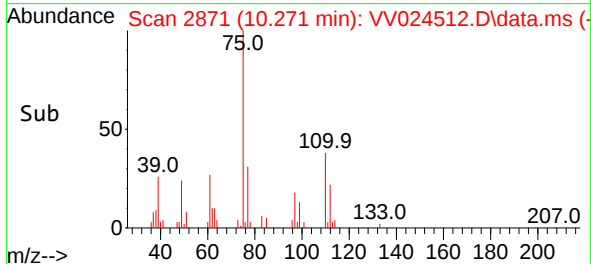
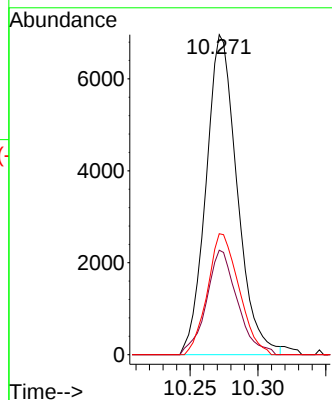
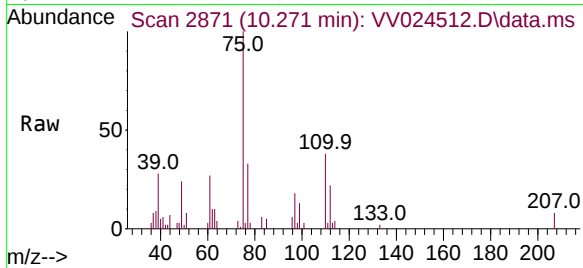




#61
 1,2,3-Trichloropropane
 Concen: 5.521 ug/L
 RT: 10.271 min Scan# 2871
 Delta R.T. -0.000 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

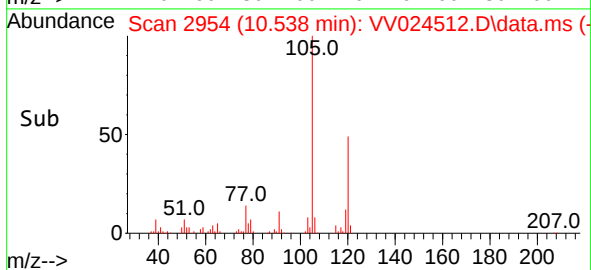
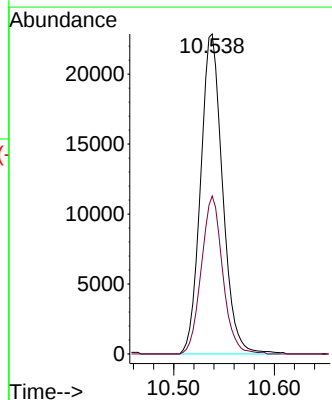
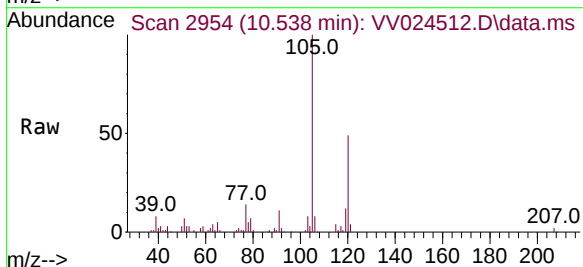
Instrument :
 MSVOA_V
 ClientSampleId :

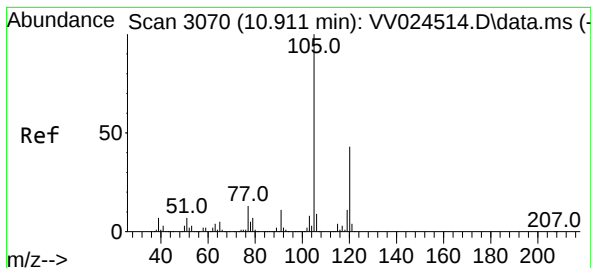
Tgt Ion: 75	Resp: 11122
Ion Ratio	Lower Upper
75	100
77	32.4 25.8 38.8
110	38.2 30.9 46.3



#62
 1,3,5-Trimethylbenzene
 Concen: 5.485 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

Tgt Ion: 105	Resp: 34697
Ion Ratio	Lower Upper
105	100
120	47.9 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 5.437 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

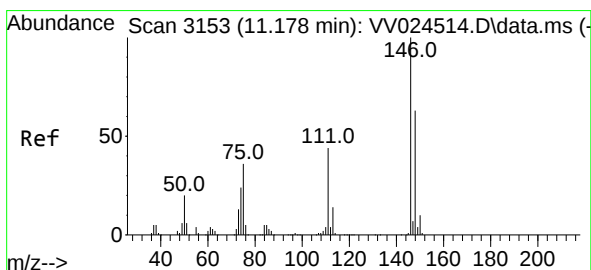
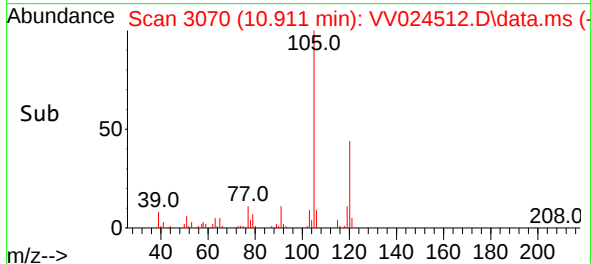
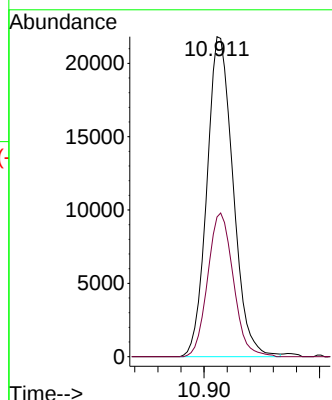
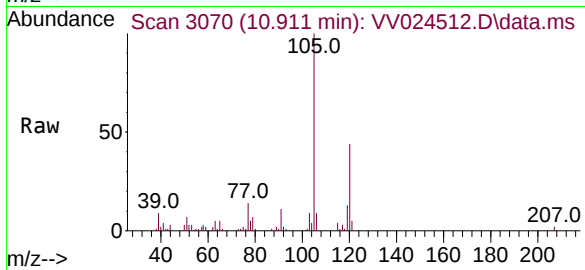
ClientSampleId :

Tgt Ion:105 Resp: 34332

Ion Ratio Lower Upper

105 100

120 43.9 34.9 52.3



#64

1,3-Dichlorobenzene

Concen: 4.602 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.003 min

Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

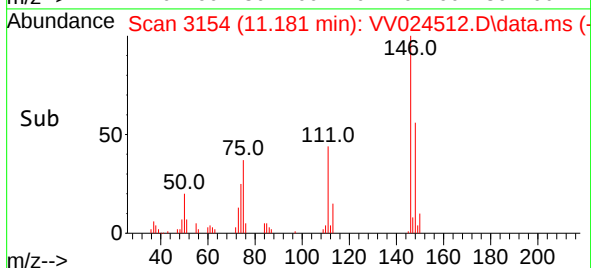
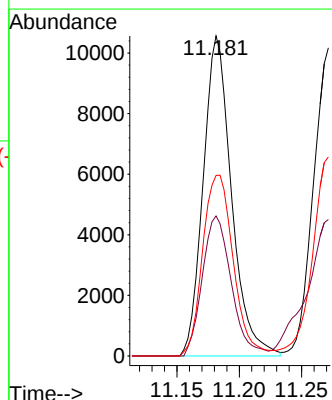
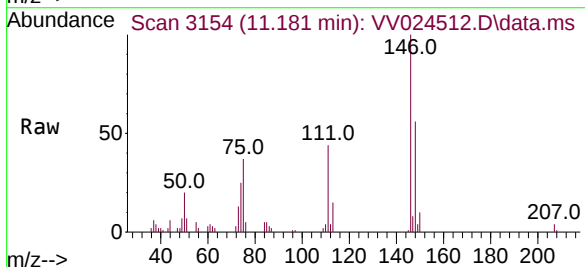
Tgt Ion:146 Resp: 16692

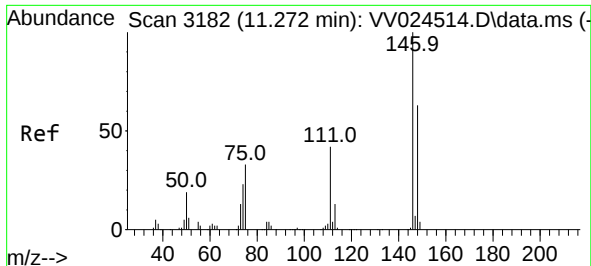
Ion Ratio Lower Upper

146 100

111 43.8 31.0 57.6

148 56.4 44.0 81.8

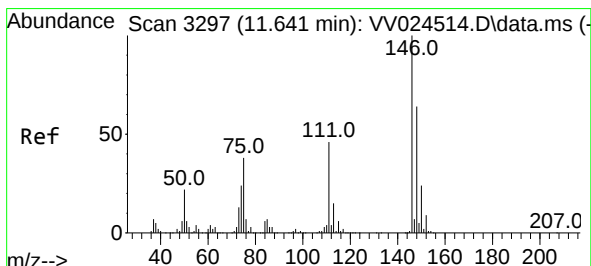
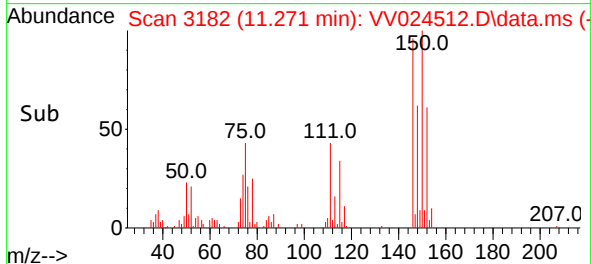
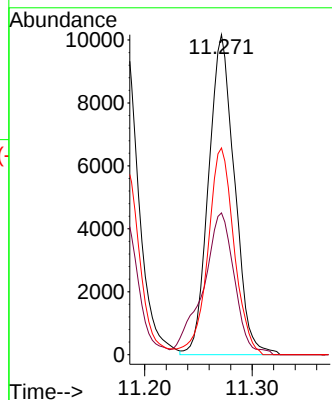
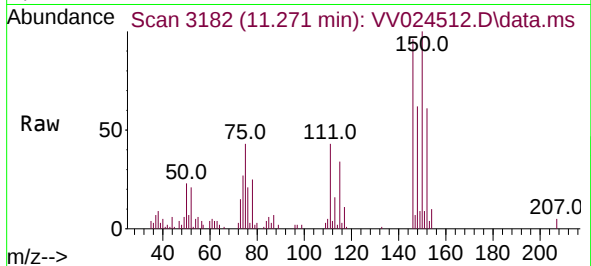




#65
1,4-Dichlorobenzene
Concen: 4.574 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

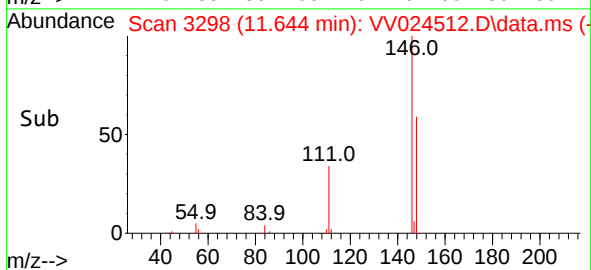
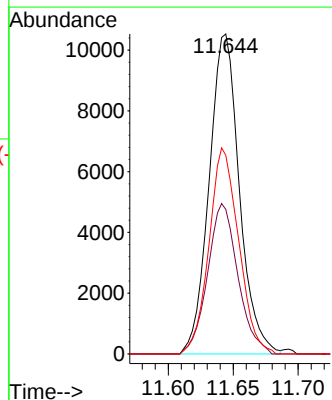
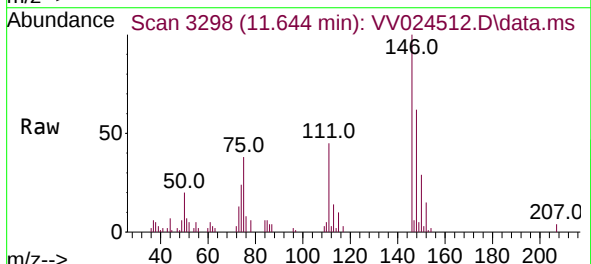
Instrument :
MSVOA_V
ClientSampleId :

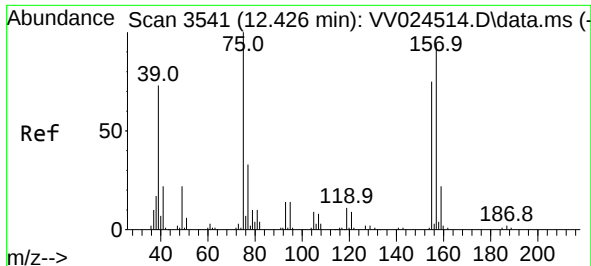
Tgt Ion:146 Resp: 17047
Ion Ratio Lower Upper
146 100
111 44.3 29.7 55.1
148 64.6 44.2 82.2



#67
1,2-Dichlorobenzene
Concen: 4.586 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

Tgt Ion:146 Resp: 17049
Ion Ratio Lower Upper
146 100
111 45.2 37.0 55.6
148 62.1 51.5 77.3

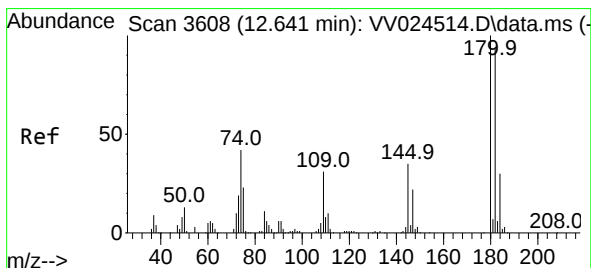
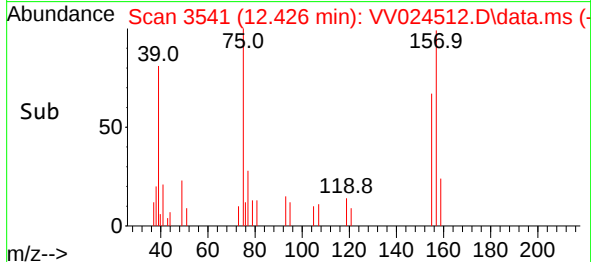
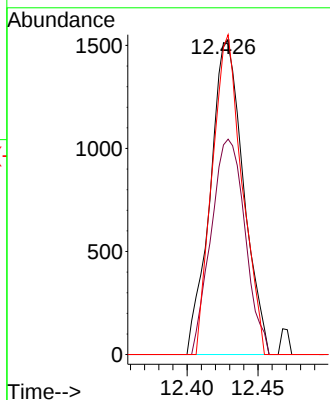
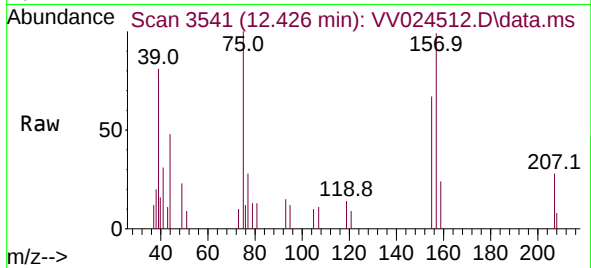




#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.412 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

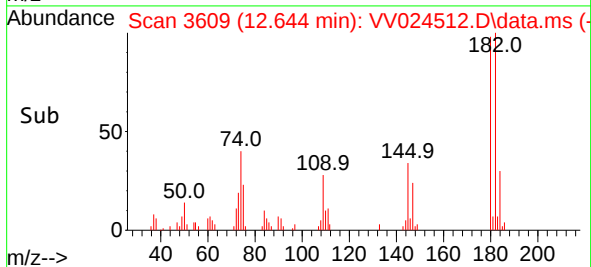
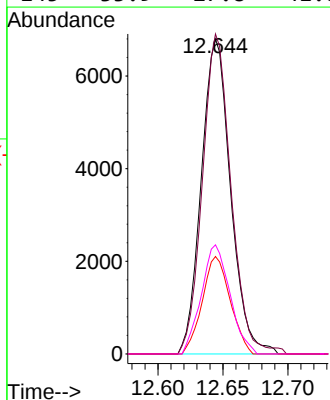
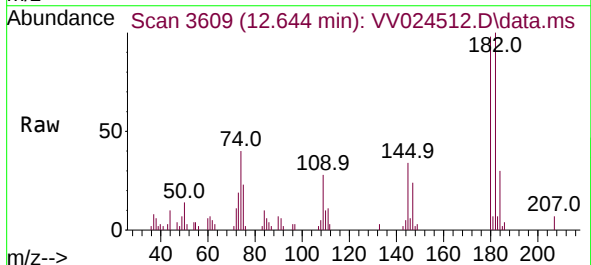
Instrument :
 MSVOA_V
 ClientSampleId :

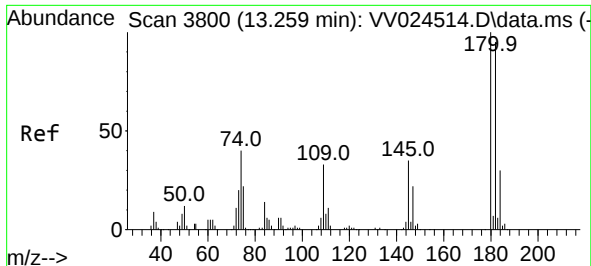
Tgt Ion: 75 Resp: 2492
 Ion Ratio Lower Upper
 75 100
 155 67.2 60.2 90.4
 157 98.5 75.6 113.4



#69
 1,3,5-Trichlorobenzene
 Concen: 3.938 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV024512.D
 Acq: 02 Feb 2022 10:03

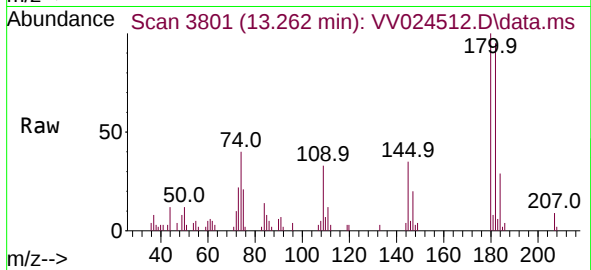
Tgt Ion: 180 Resp: 10654
 Ion Ratio Lower Upper
 180 100
 182 98.4 75.8 113.8
 184 29.5 23.8 35.8
 145 33.9 27.8 41.8



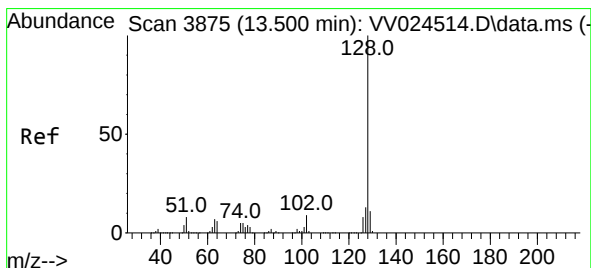
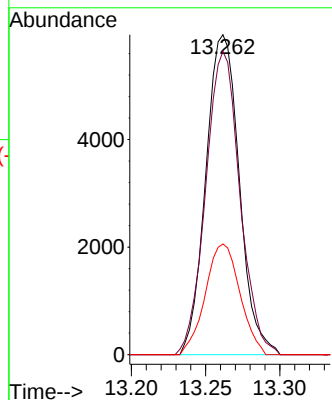
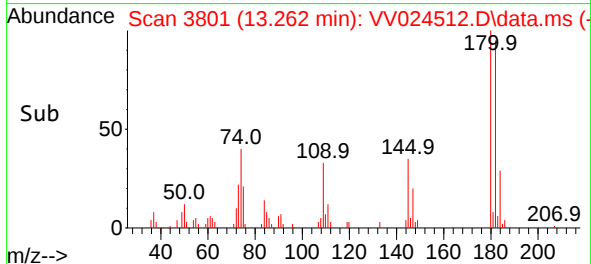


#70
1,2,4-trichlorobenzene
Concen: 4.006 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03

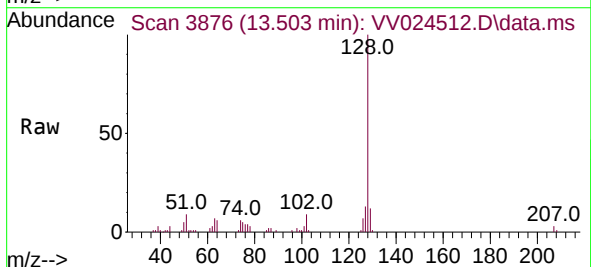
Instrument :
MSVOA_V
ClientSampleId :



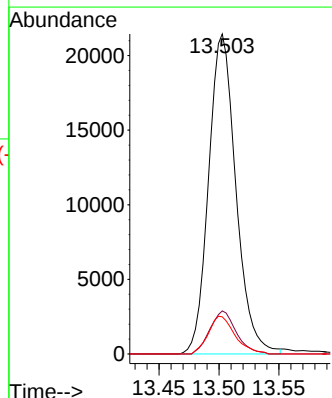
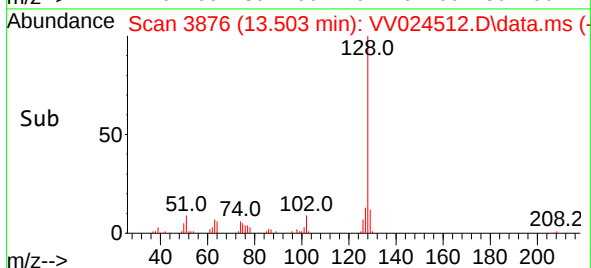
Tgt Ion:180 Resp: 9339
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 35.7 28.5 42.7

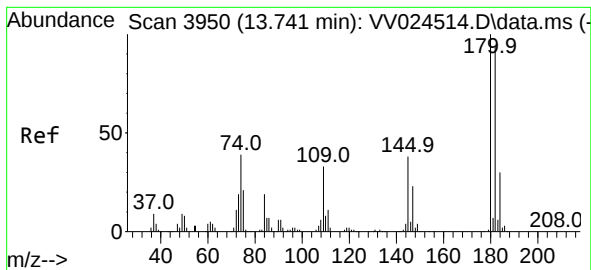


#71
Naphthalene
Concen: 4.787 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024512.D
Acq: 02 Feb 2022 10:03



Tgt Ion:128 Resp: 33974
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.5 8.6 12.8





#72

1,2,3-Trichlorobenzene

Concen: 3.954 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

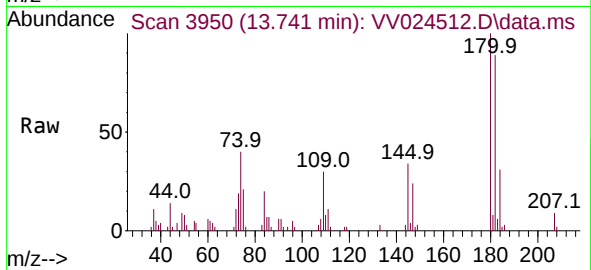
Lab File: VV024512.D

Acq: 02 Feb 2022 10:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 9405

Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

145 34.7 30.1 45.1

