

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026500.D
 Acq On : 21 Jun 2022 19:50
 Operator : SY/MD
 Sample : N3374-02MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:45:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	233014	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	218127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	117727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	59901	2.960	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.587	69	54949	3.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.127	63	122005	3.510	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.918	46	105480	53.412	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	4.365	84	139224	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.047	65	52378	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.063	84	266470	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.079	67	80552	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.320	98	255132	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.629	79	19256	3.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.092	63	97504	58.485	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55121	5.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	95175	5.248	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.150	85	80626	4.628	ug/L	98
3) Chloromethane	1.259	50	76775	3.969	ug/L	95
5) Vinyl chloride	1.330	62	81059	4.030	ug/L	# 1
6) Bromomethane	1.542	94	43501	3.870	ug/L	97
8) Chloroethane	1.603	64	64778	5.188	ug/L	85
9) Trichlorofluoromethane	1.770	101	122821	4.424	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.137	101	75400	4.683	ug/L	99
12) 1,1-Dichloroethene	2.137	96	66229	4.499	ug/L	91
13) Acetone	2.204	43	230376	150.529	ug/L	86
14) Carbon disulfide	2.314	76	205036	5.649	ug/L	99
15) Methyl Acetate	2.458	43	21751	5.923	ug/L	95
16) Methylene chloride	2.526	84	71012	3.781	ug/L	96
17) Methyl tert-butyl Ether	2.790	73	134754	5.324	ug/L	96
18) trans-1,2-Dichloroethene	2.780	96	69794	4.889	ug/L	97
19) 1,1-Dichloroethane	3.208	63	139869	5.137	ug/L	98
21) 2-Butanone	3.995	43	124752	62.996	ug/L	88
22) cis-1,2-Dichloroethene	3.931	96	79250	5.486	ug/L	99
23) Bromochloromethane	4.265	128	31318	5.109	ug/L	92
25) Chloroform	4.391	83	147196	4.983	ug/L	98

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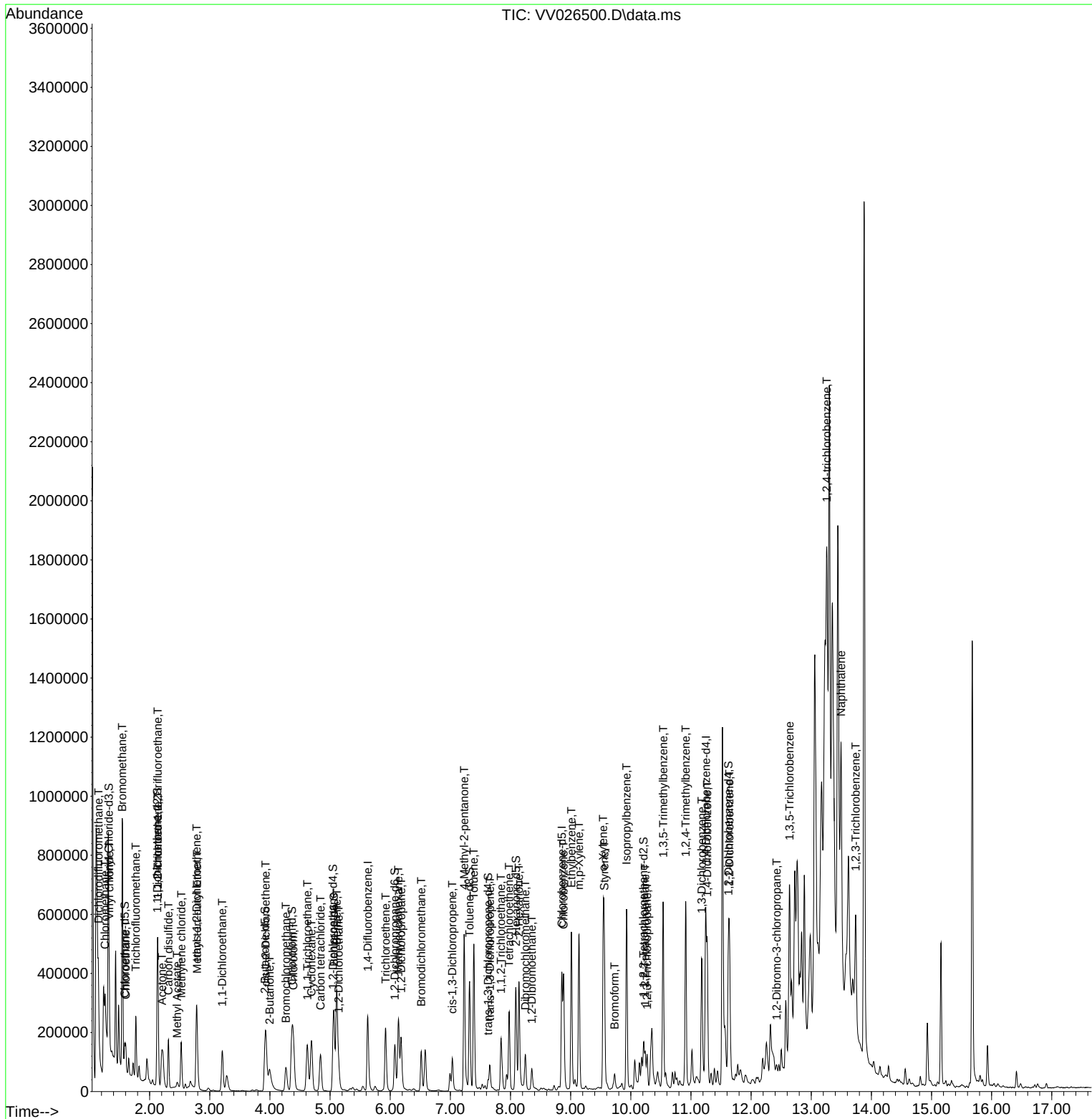
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 ClientSampleId :

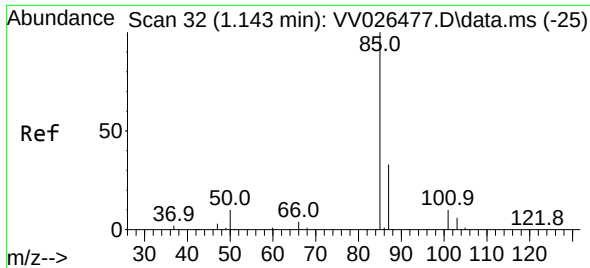
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	66309	4.932	ug/L	98
29) 1,1,1-Trichloroethane	4.622	97	129193	5.360	ug/L	99
30) Cyclohexane	4.693	56	89209	4.949	ug/L	98
31) Carbon tetrachloride	4.841	117	97457	4.774	ug/L	99
33) Benzene	5.111	78	363352	6.498	ug/L	100
34) Trichloroethene	5.924	95	77324	5.065	ug/L	97
35) Methylcyclohexane	6.137	83	101523	4.807	ug/L	98
37) 1,2-Dichloropropane	6.182	63	75249	5.145	ug/L #	96
38) Bromodichloromethane	6.516	83	91935	5.182	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	72243	4.328	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	319732	59.450	ug/L	94
42) Toluene	7.391	91	368209	6.260	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	50959	3.822	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	49082	5.112	ug/L	90
47) Tetrachloroethene	7.979	164	60014	5.307	ug/L	99
48) 2-Hexanone	8.140	43	208686	54.159	ug/L #	95
49) Dibromochloromethane	8.246	129	52483	4.936	ug/L	97
50) 1,2-Dibromoethane	8.355	107	43377	5.302	ug/L	90
51) Chlorobenzene	8.883	112	216774	5.644	ug/L	99
52) Ethylbenzene	9.011	91	369320	6.263	ug/L	98
53) m,p-Xylene	9.140	106	153400	6.674	ug/L	94
54) o-Xylene	9.542	106	137050	6.155	ug/L	100
55) Styrene	9.561	104	216292	5.785	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	58001	5.956	ug/L	98
59) Bromoform	9.731	173	19897	3.849	ug/L	95
60) Isopropylbenzene	9.931	105	398274	6.346	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	39328	5.148	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	320654	6.439	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	335268	6.801	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	174933	5.672	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	176955	5.646	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	157733	5.775	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7233	5.345	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.641	180	141155	6.330	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	118752	7.221	ug/L	99
71) Naphthalene	13.500	128	327003	14.321	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	97728	7.098	ug/L	98

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

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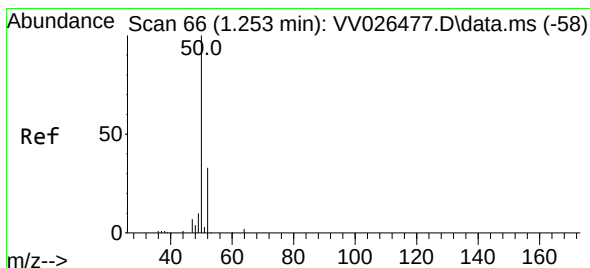
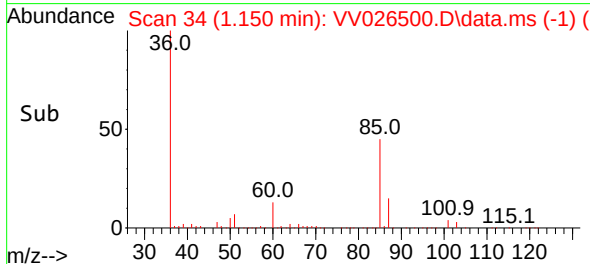
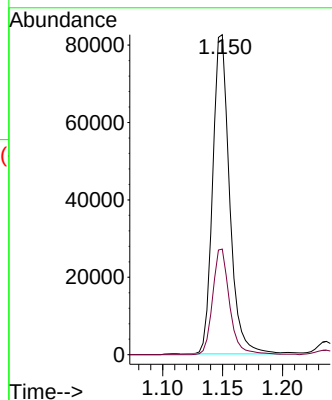
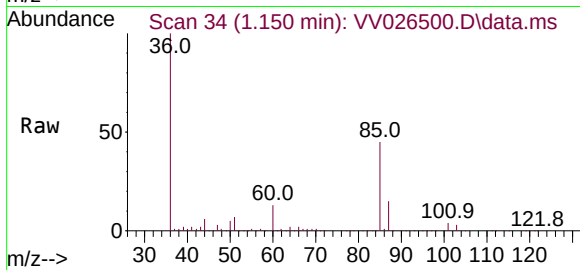




#2
 Dichlorodifluoromethane
 Concen: 4.628 ug/L
 RT: 1.150 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VV026500.D
 Acq: 21 Jun 2022 19:50

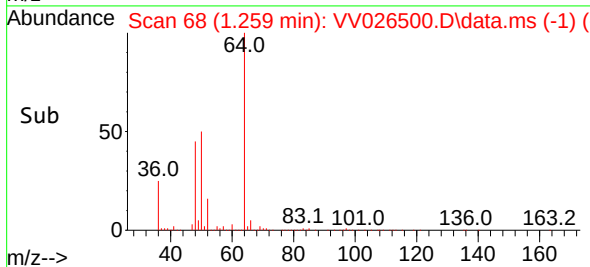
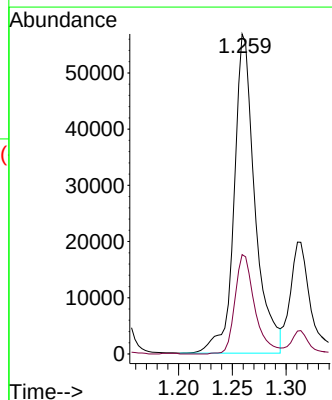
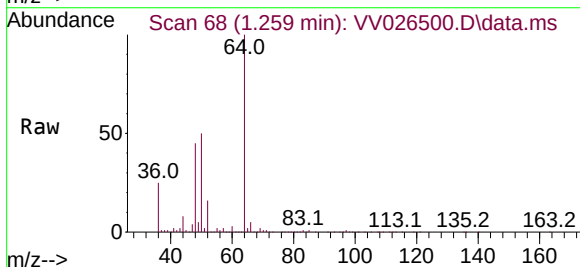
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 ClientSampleId :

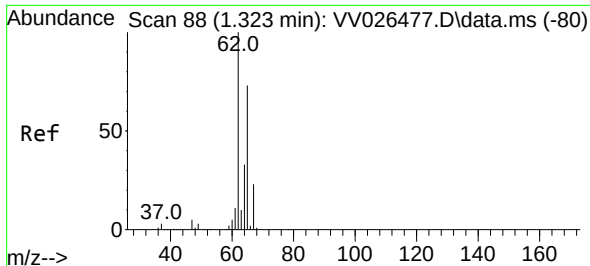
Tgt Ion: 85 Resp: 80626
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.0 39.0



#3
 Chloromethane
 Concen: 3.969 ug/L
 RT: 1.259 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: VV026500.D
 Acq: 21 Jun 2022 19:50

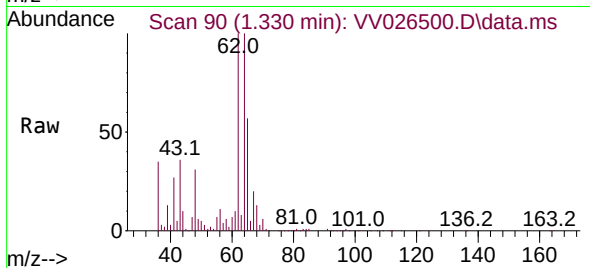
Tgt Ion: 50 Resp: 76775
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.7 44.1



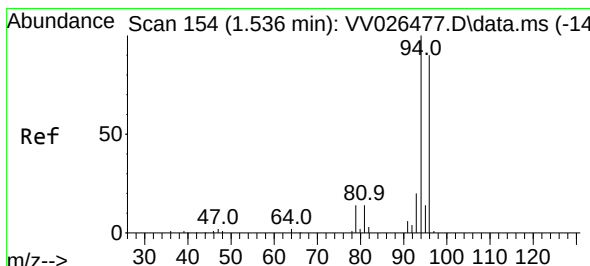
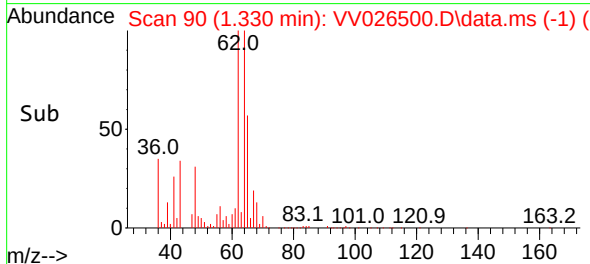
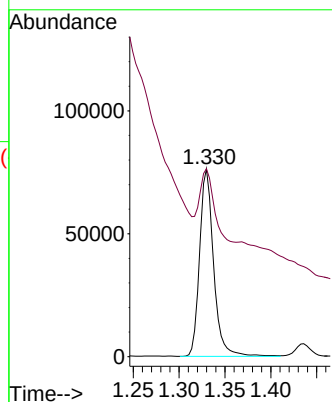


#5
 Vinyl chloride
 Concen: 4.030 ug/L
 RT: 1.330 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VV026500.D
 Acq: 21 Jun 2022 19:50

Instrument :
 MSVOA_V
 ClientSampleId :

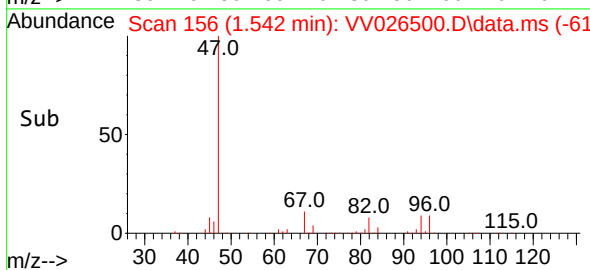
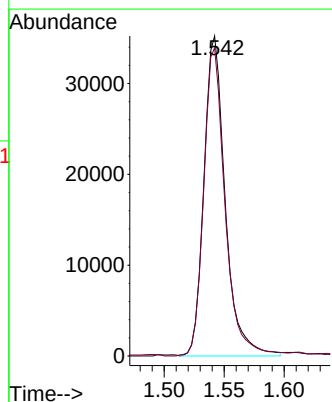
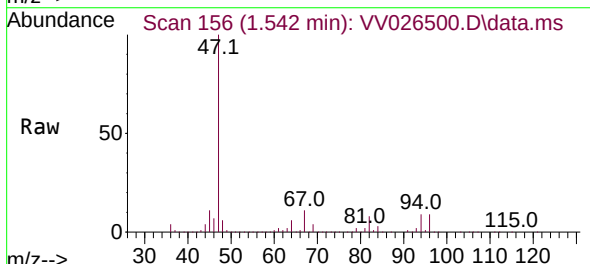


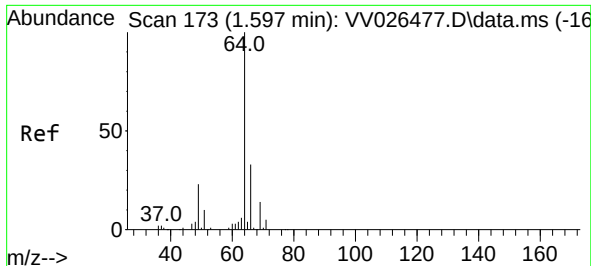
Tgt Ion: 62 Resp: 81059
 Ion Ratio Lower Upper
 62 100
 64 100.1 23.2 43.2#



#6
 Bromomethane
 Concen: 3.870 ug/L
 RT: 1.542 min Scan# 156
 Delta R.T. 0.006 min
 Lab File: VV026500.D
 Acq: 21 Jun 2022 19:50

Tgt Ion: 94 Resp: 43501
 Ion Ratio Lower Upper
 94 100
 96 96.3 65.7 121.9

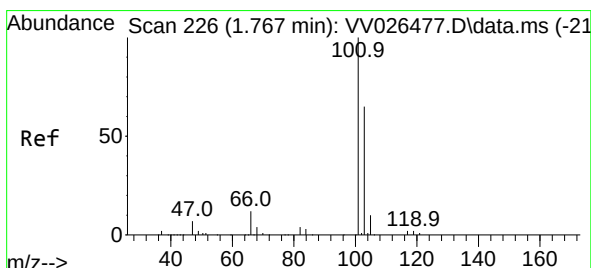
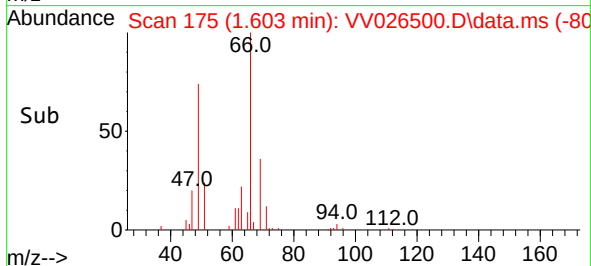
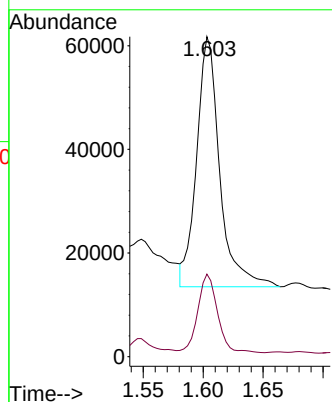
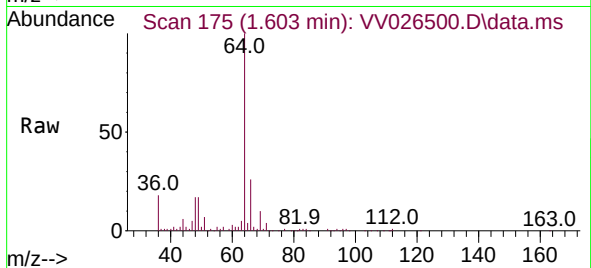




#8
Chloroethane
Concen: 5.188 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

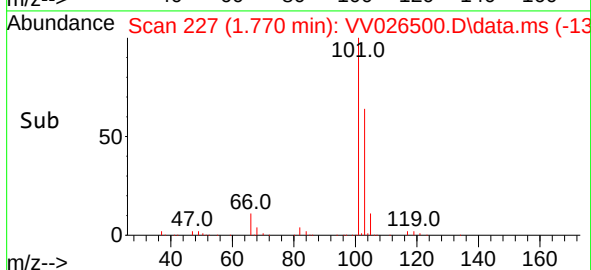
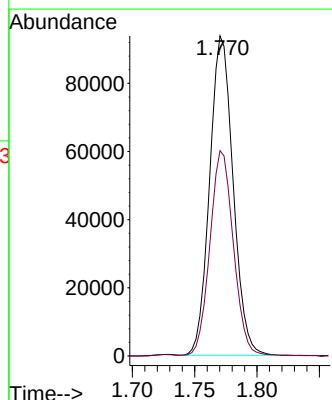
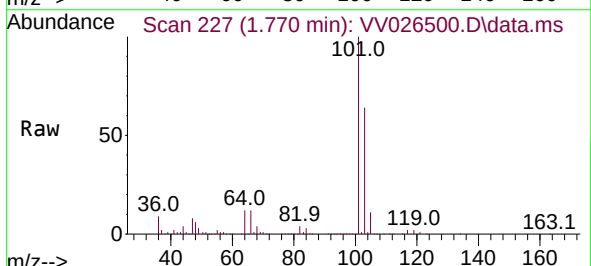
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MSVOA_V
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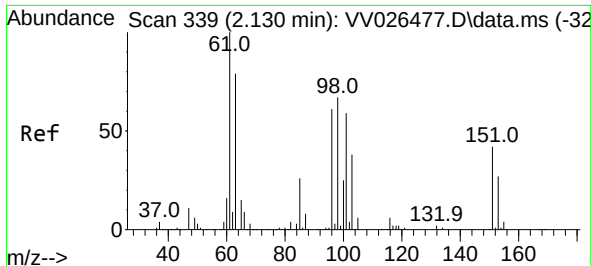
Tgt Ion: 64 Resp: 64778
Ion Ratio Lower Upper
64 100
66 25.8 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.424 ug/L
RT: 1.770 min Scan# 227
Delta R.T. 0.003 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion:101 Resp: 122821
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5

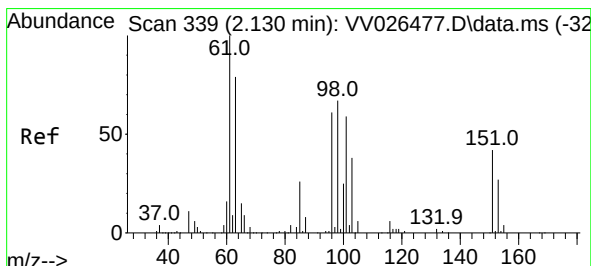
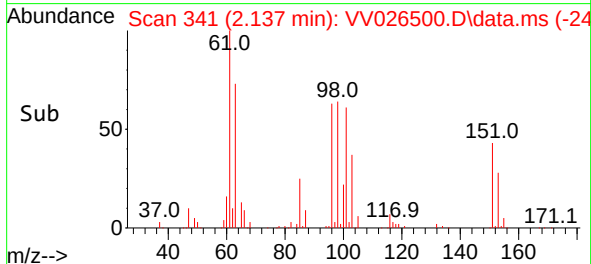
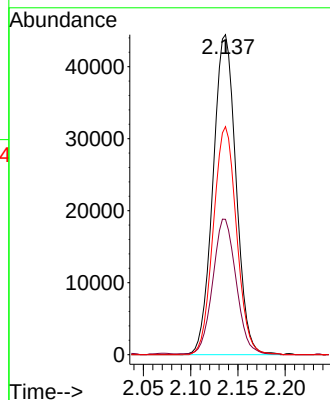
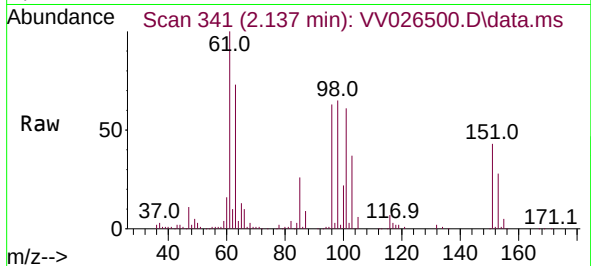




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.683 ug/L
 RT: 2.137 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VV026500.D
 Acq: 21 Jun 2022 19:50

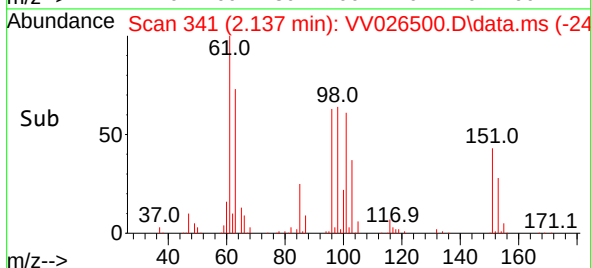
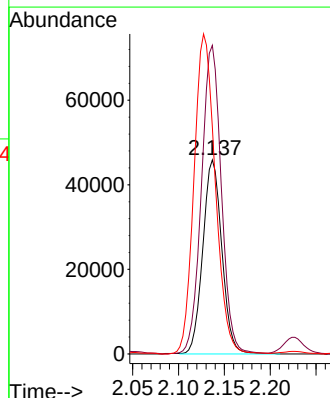
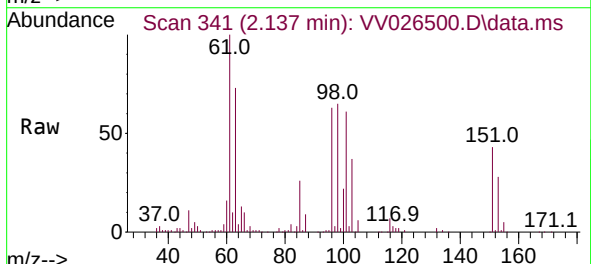
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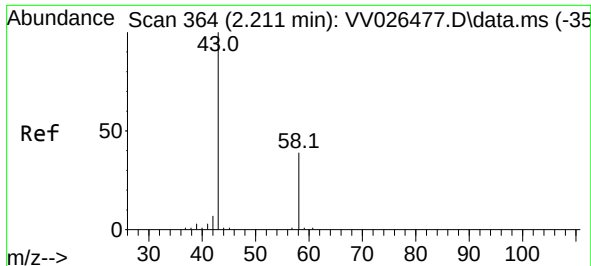
Tgt Ion:101 Resp: 75400
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.3 52.9
 151 71.8 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.499 ug/L
 RT: 2.137 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VV026500.D
 Acq: 21 Jun 2022 19:50

Tgt Ion: 96 Resp: 66229
 Ion Ratio Lower Upper
 96 100
 61 159.0 117.1 217.5
 63 116.8 92.8 172.4





#13

Acetone

Concen: 150.529 ug/L

RT: 2.204 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

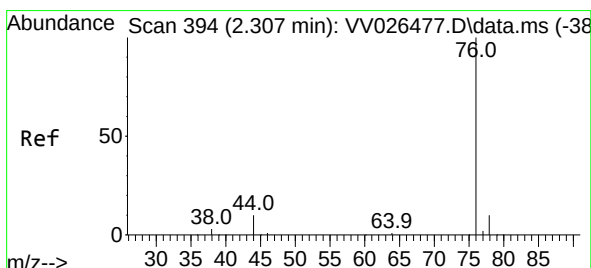
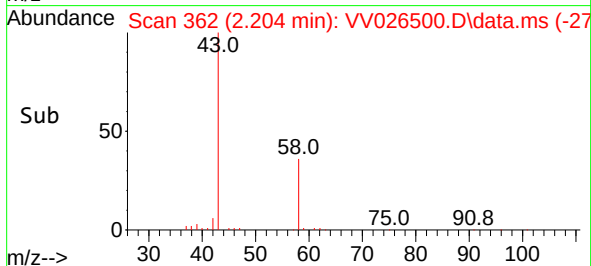
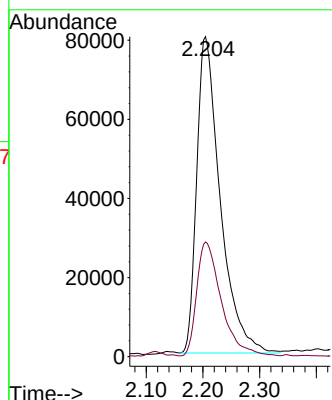
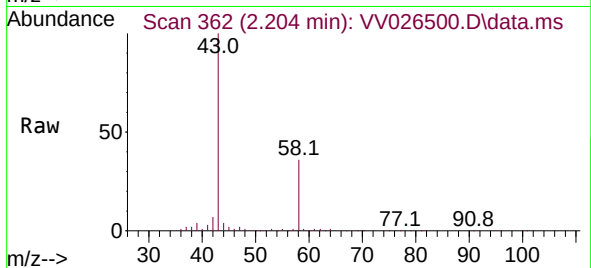
ClientSampleId :

Tgt Ion: 43 Resp: 230376

Ion Ratio Lower Upper

43 100

58 37.5 0.0 60.0



#14

Carbon disulfide

Concen: 5.649 ug/L

RT: 2.314 min Scan# 396

Delta R.T. 0.006 min

Lab File: VV026500.D

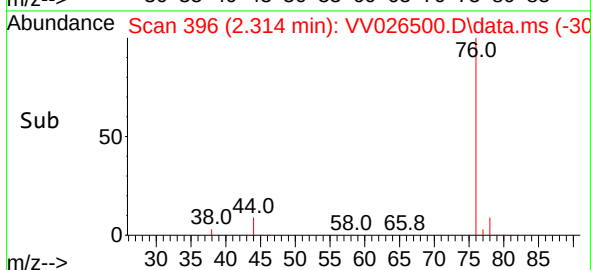
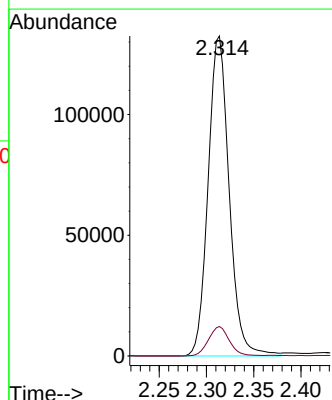
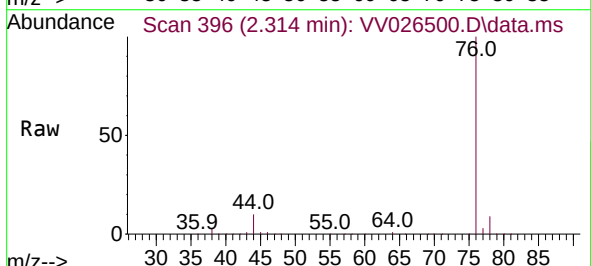
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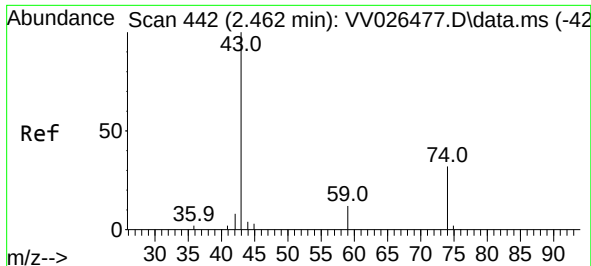
Tgt Ion: 76 Resp: 205036

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

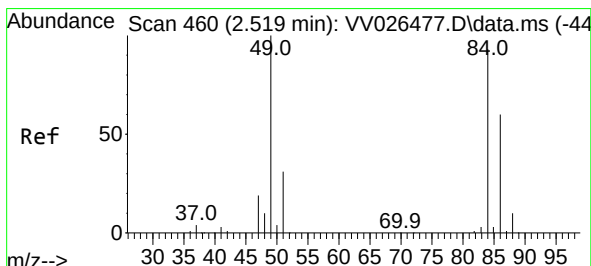
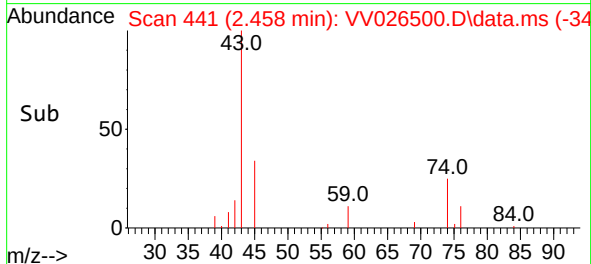
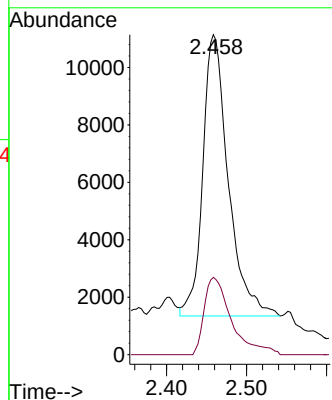
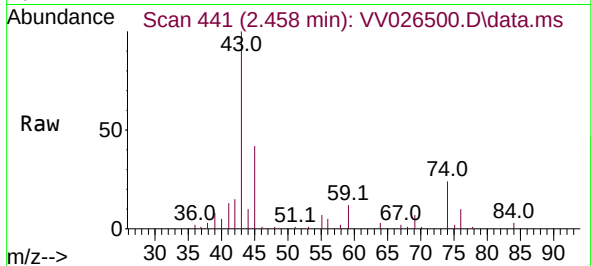




#15
Methyl Acetate
Concen: 5.923 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

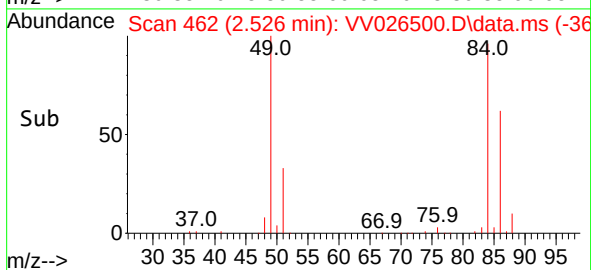
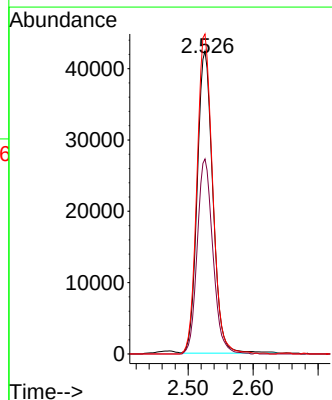
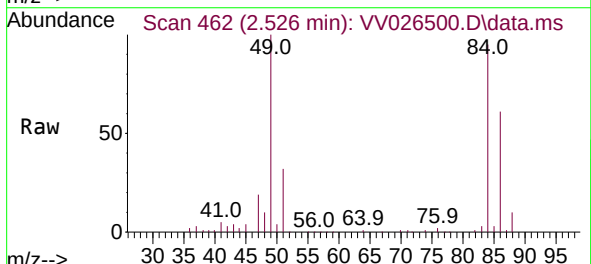
Instrument :
MSVOA_V
ClientSampleId :

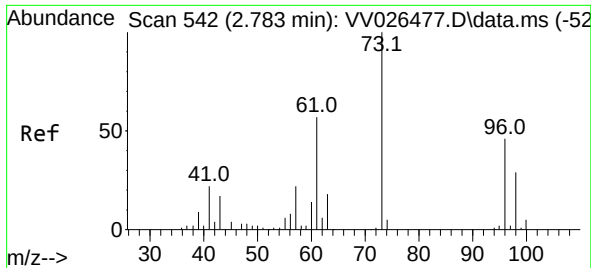
Tgt Ion: 43 Resp: 21751
Ion Ratio Lower Upper
43 100
74 29.4 21.4 32.0



#16
Methylene chloride
Concen: 3.781 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.006 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion: 84 Resp: 71012
Ion Ratio Lower Upper
84 100
86 64.4 44.0 81.8
49 105.7 77.3 143.7

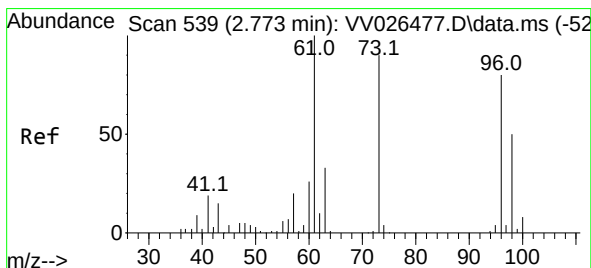
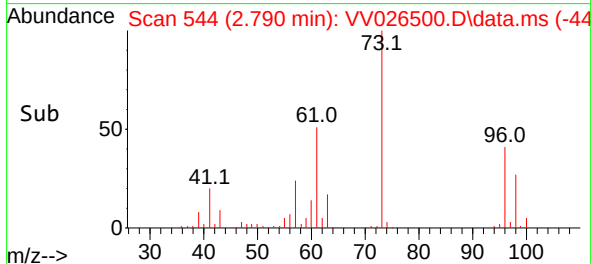
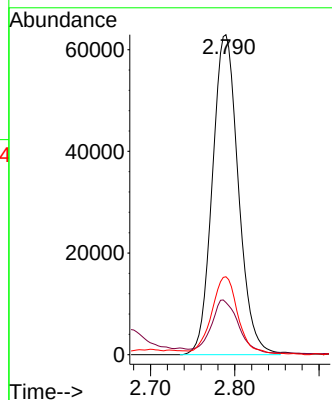
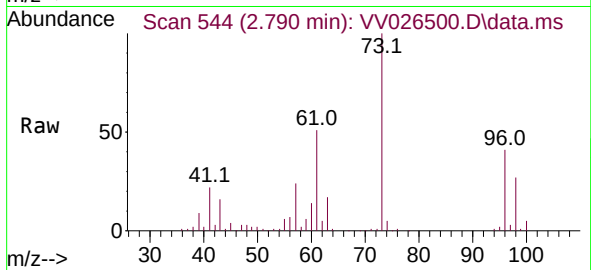




#17
Methyl tert-butyl Ether
Concen: 5.324 ug/L
RT: 2.790 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

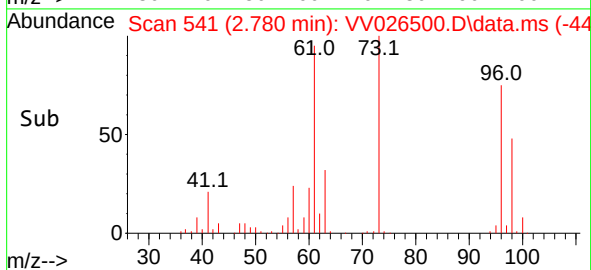
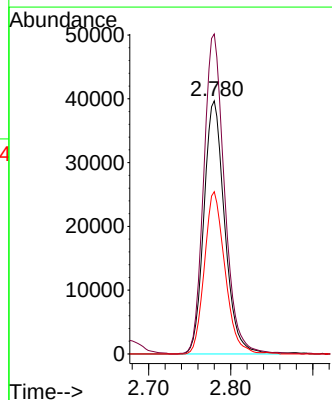
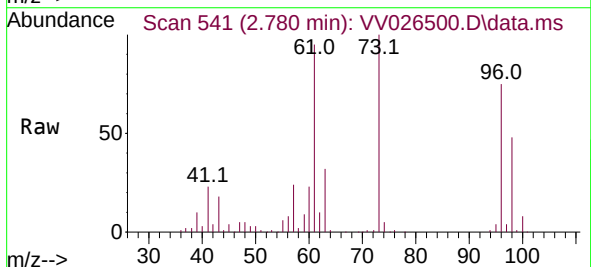
Instrument :
MSVOA_V
ClientSampleId :

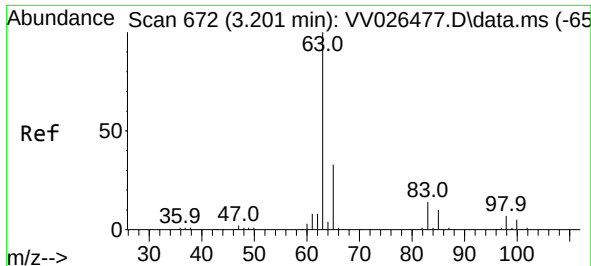
Tgt Ion: 73 Resp: 134754
Ion Ratio Lower Upper
73 100
43 17.3 13.0 19.6
57 24.3 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.889 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion: 96 Resp: 69794
Ion Ratio Lower Upper
96 100
61 126.4 91.3 169.6
98 64.1 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.137 ug/L

RT: 3.208 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

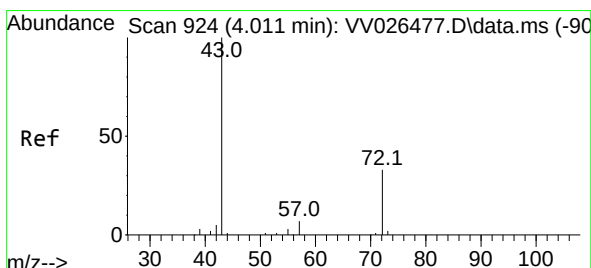
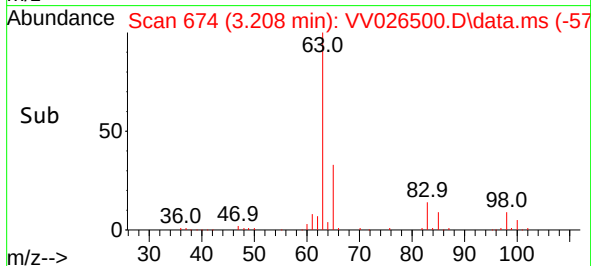
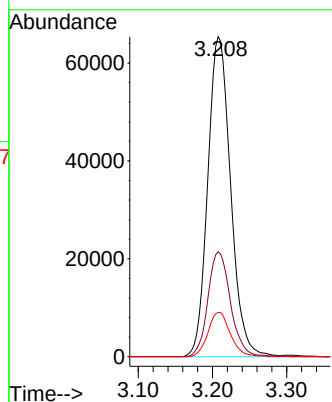
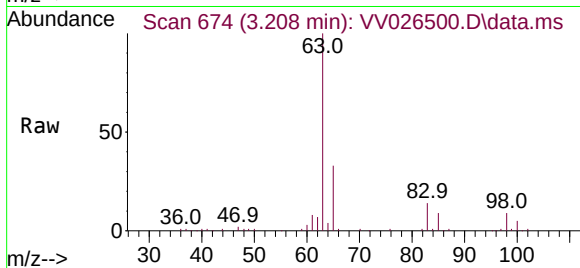
Tgt Ion: 63 Resp: 139869

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 13.9 8.9 16.5



#21

2-Butanone

Concen: 62.996 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.016 min

Lab File: VV026500.D

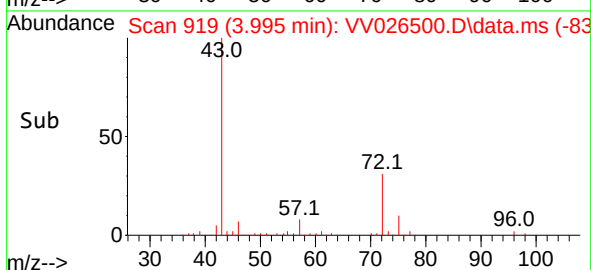
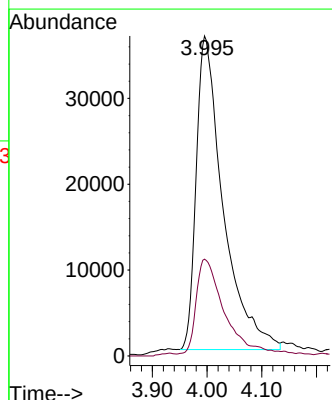
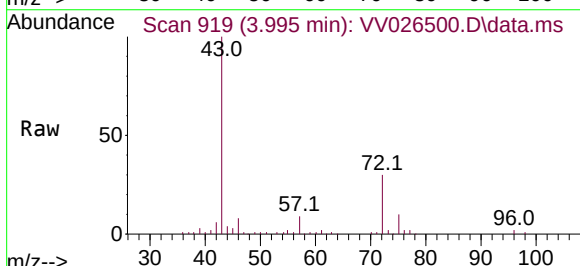
Acq: 21 Jun 2022 19:50

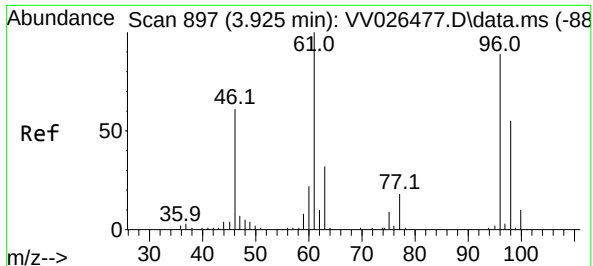
Tgt Ion: 43 Resp: 124752

Ion Ratio Lower Upper

43 100

72 31.6 12.7 38.0





#22

cis-1,2-Dichloroethene

Concen: 5.486 ug/L

RT: 3.931 min Scan# 897

Delta R.T. 0.006 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

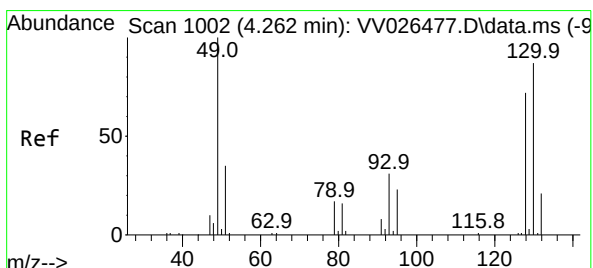
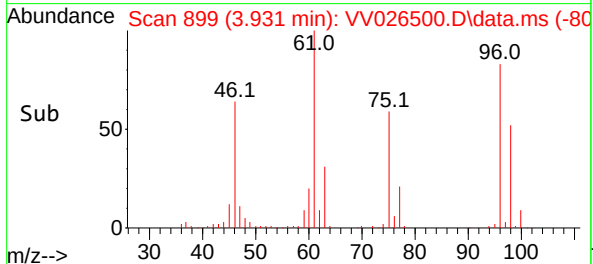
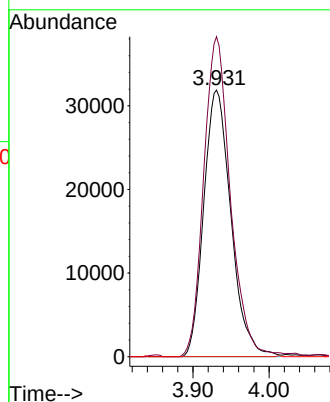
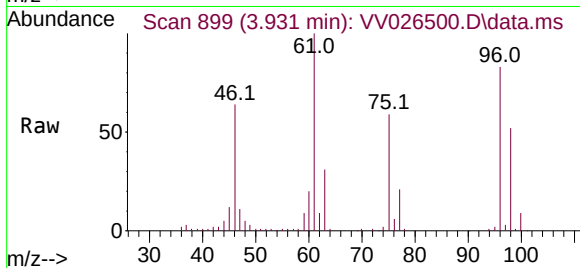
Tgt Ion: 96 Resp: 79250

Ion Ratio Lower Upper

96 100

61 120.0 83.6 155.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.109 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Tgt Ion: 128 Resp: 31318

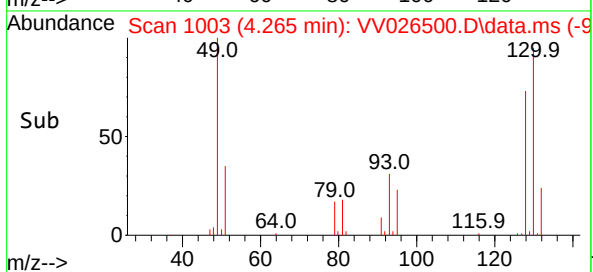
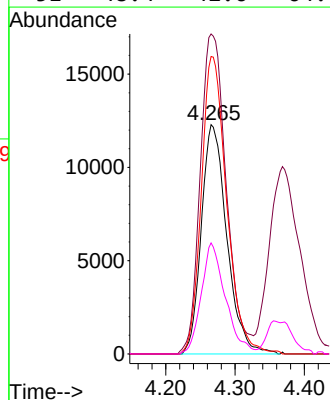
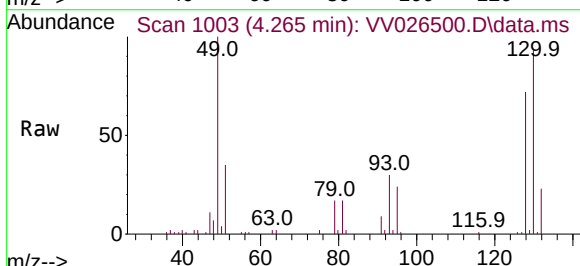
Ion Ratio Lower Upper

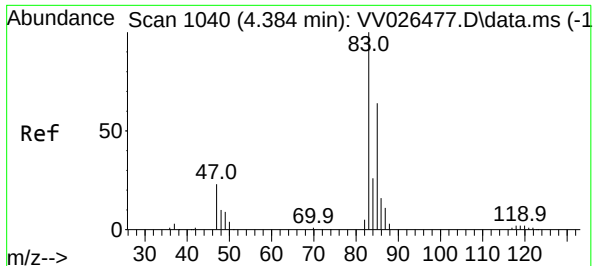
128 100

49 139.6 111.6 207.2

130 129.8 91.1 169.1

51 48.4 42.6 64.0





#25

Chloroform

Concen: 4.983 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

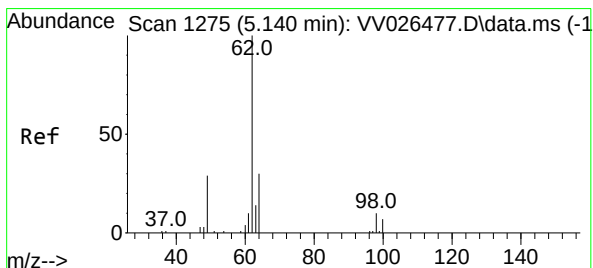
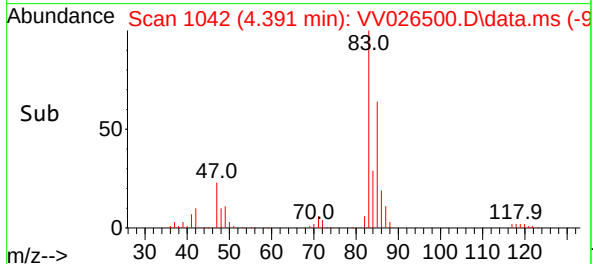
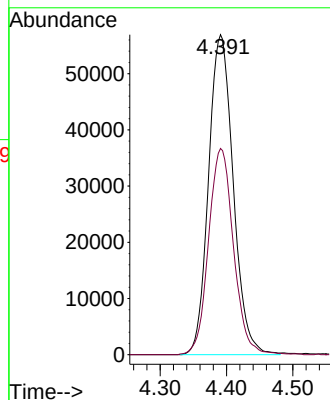
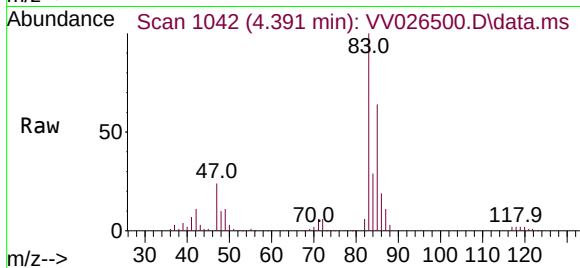
ClientSampleId :

Tgt Ion: 83 Resp: 147196

Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.932 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.003 min

Lab File: VV026500.D

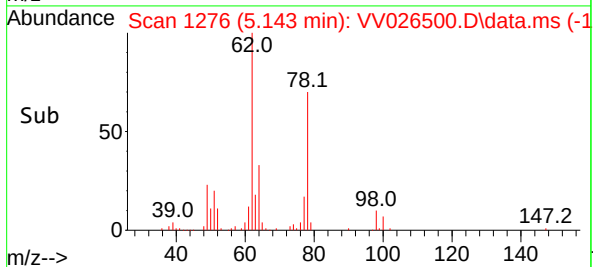
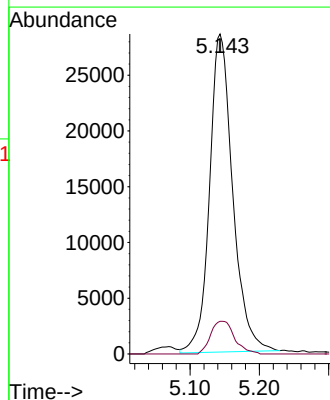
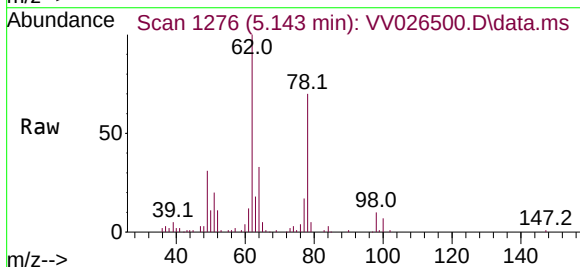
Acq: 21 Jun 2022 19:50

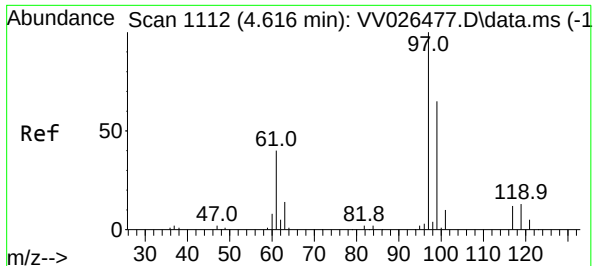
Tgt Ion: 62 Resp: 66309

Ion Ratio Lower Upper

62 100

98 10.2 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.360 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

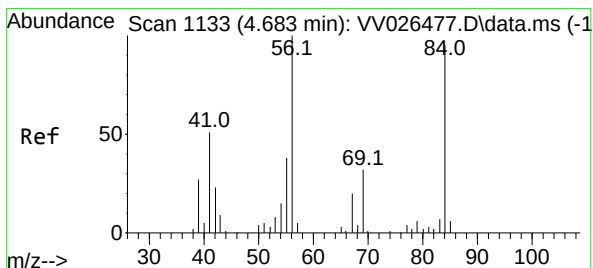
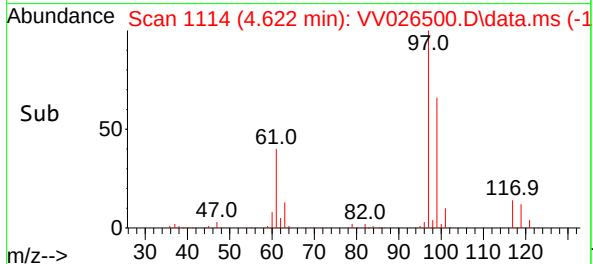
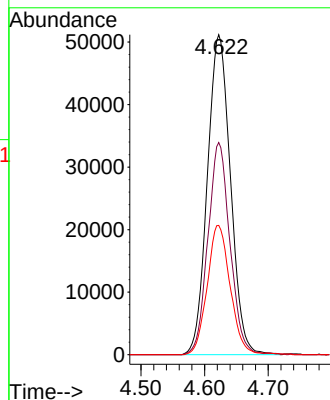
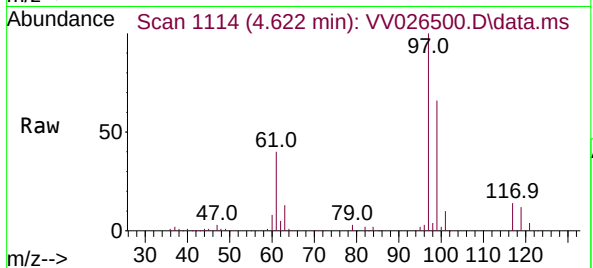
Tgt Ion: 97 Resp: 129193

Ion Ratio Lower Upper

97 100

99 63.2 50.3 75.5

61 40.3 33.4 50.0



#30

Cyclohexane

Concen: 4.949 ug/L

RT: 4.693 min Scan# 1136

Delta R.T. 0.010 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

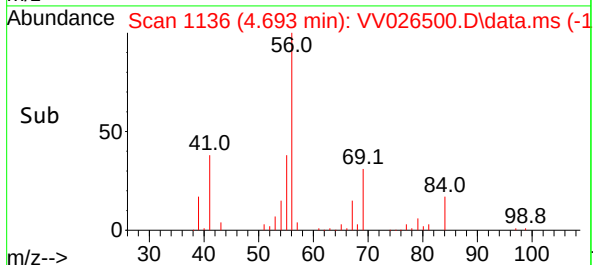
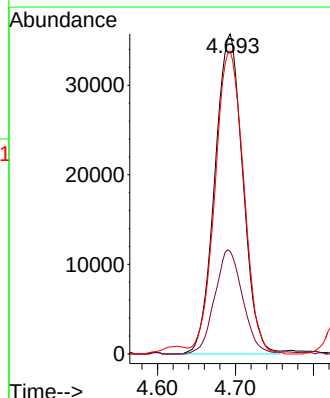
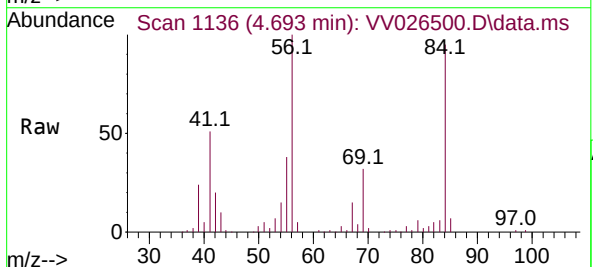
Tgt Ion: 56 Resp: 89209

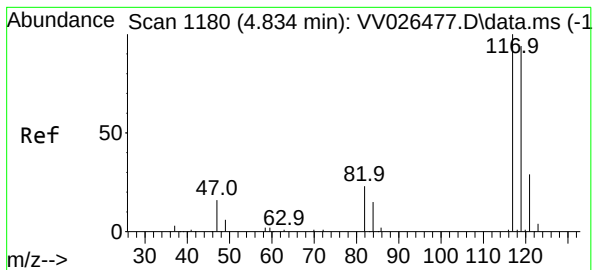
Ion Ratio Lower Upper

56 100

69 32.4 24.9 37.3

84 97.1 76.4 114.6

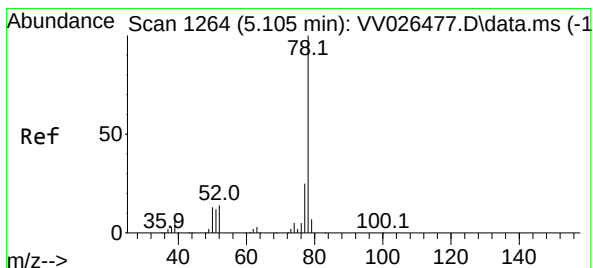
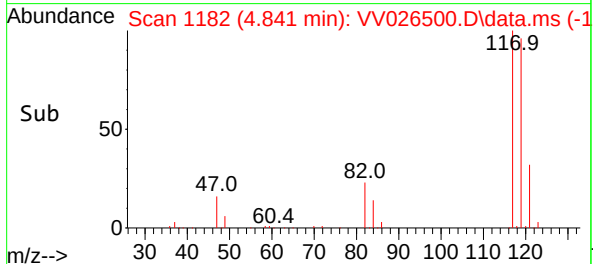
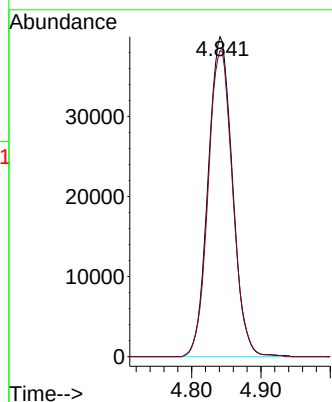
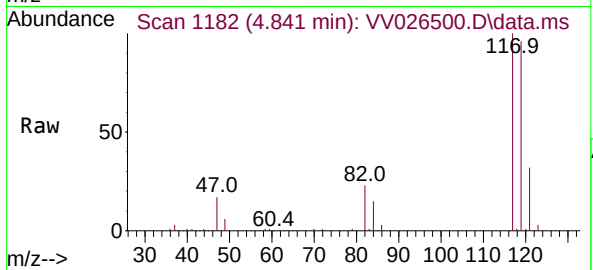




#31
Carbon tetrachloride
Concen: 4.774 ug/L
RT: 4.841 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

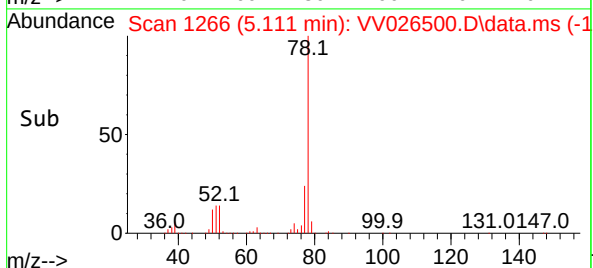
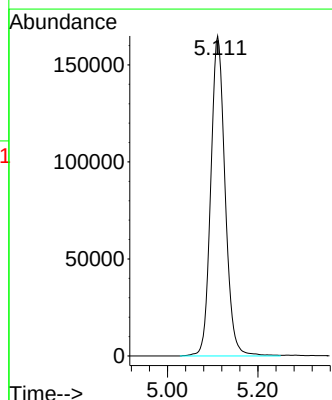
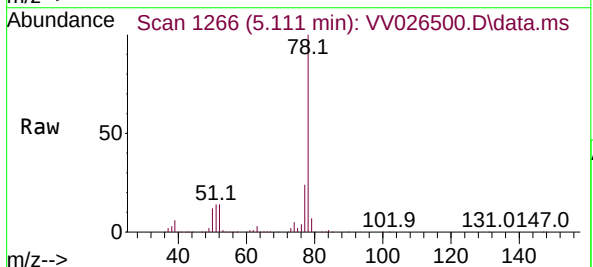
Instrument :
MSVOA_V
ClientSampleId :

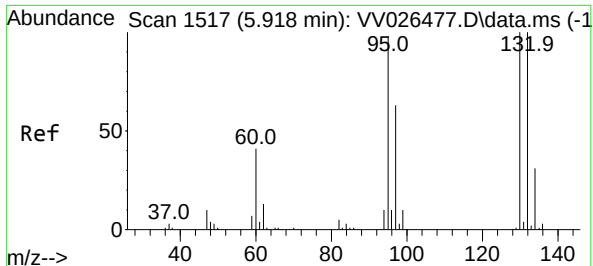
Tgt Ion:117 Resp: 97457
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.4



#33
Benzene
Concen: 6.498 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion: 78 Resp: 363352

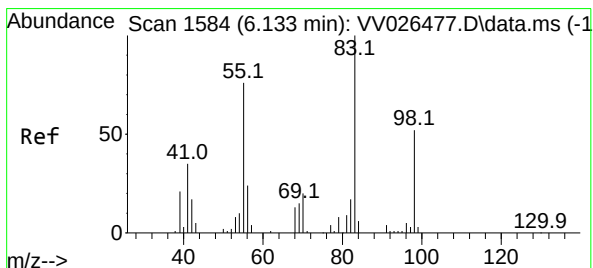
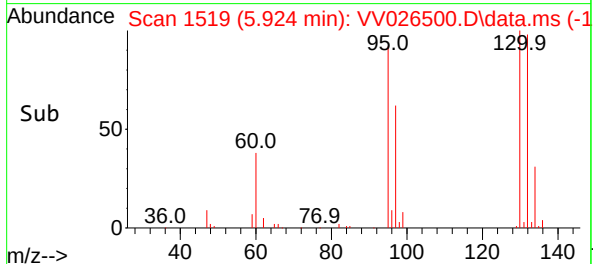
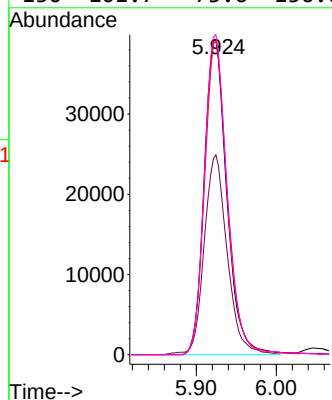
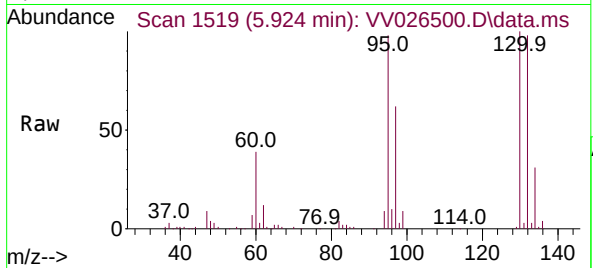




#34
Trichloroethene
Concen: 5.065 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

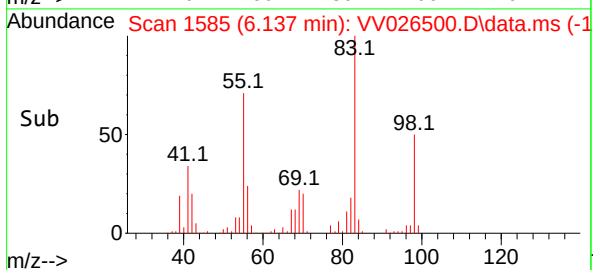
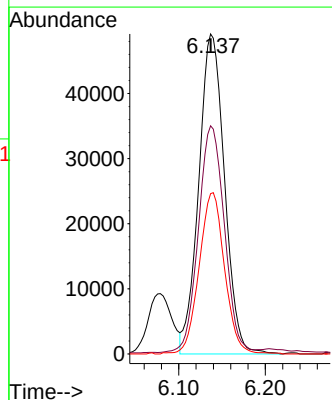
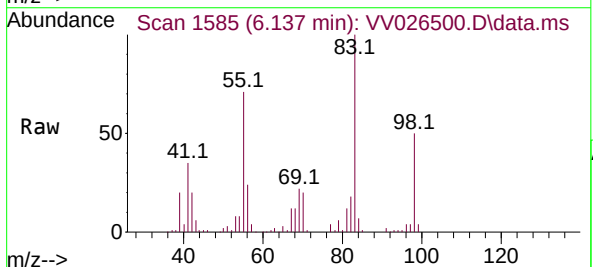
Instrument :
MSVOA_V
ClientSampleId :

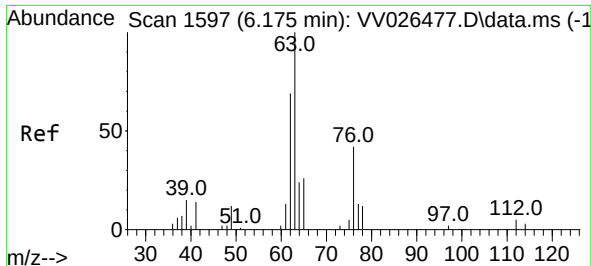
Tgt Ion: 95 Resp: 77324
Ion Ratio Lower Upper
95 100
97 63.5 46.5 86.3
132 99.8 68.8 127.8
130 101.7 73.6 136.6



#35
Methylcyclohexane
Concen: 4.807 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion: 83 Resp: 101523
Ion Ratio Lower Upper
83 100
55 71.3 59.3 88.9
98 49.9 39.9 59.9





#37

1,2-Dichloropropane

Concen: 5.145 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

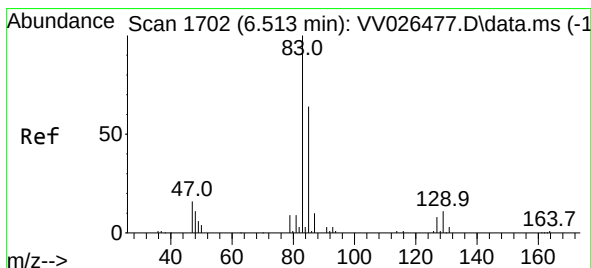
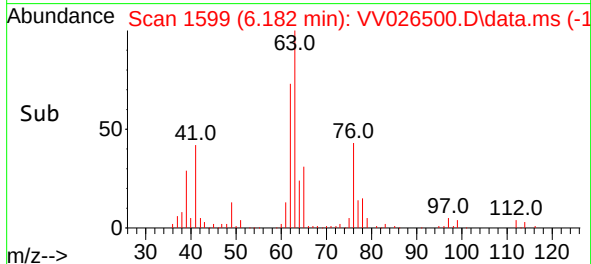
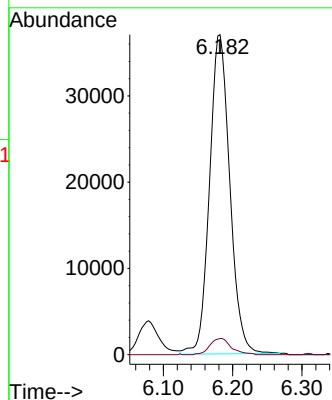
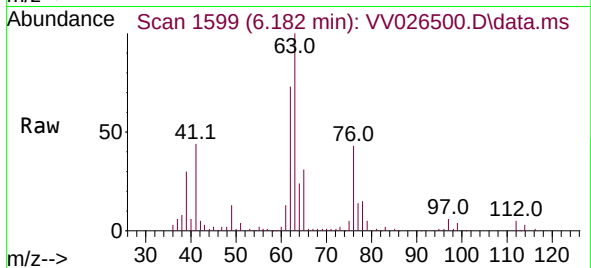
ClientSampleId :

Tgt Ion: 63 Resp: 75249

Ion Ratio Lower Upper

63 100

112 5.3 3.3 4.9#



#38

Bromodichloromethane

Concen: 5.182 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

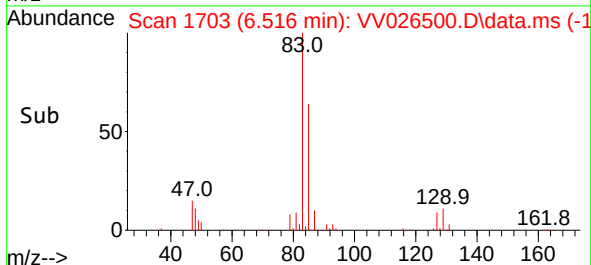
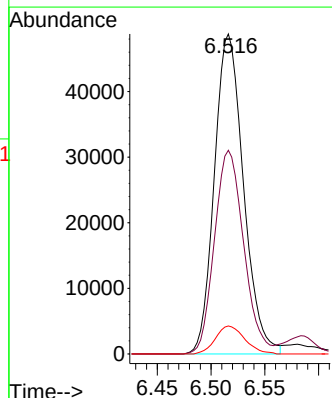
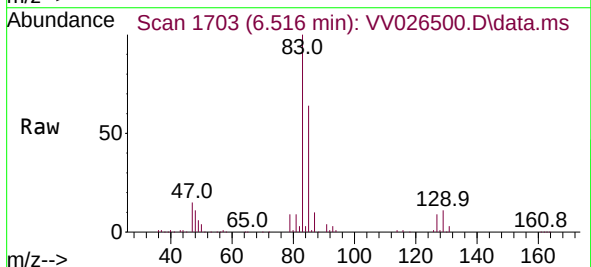
Tgt Ion: 83 Resp: 91935

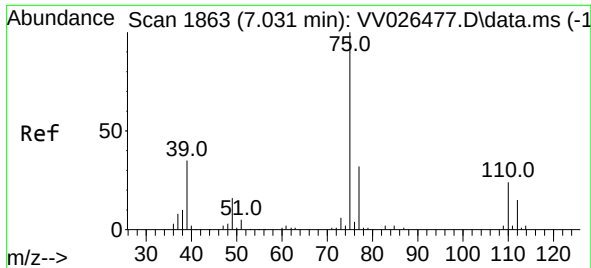
Ion Ratio Lower Upper

83 100

85 63.6 45.6 84.6

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.328 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.003 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

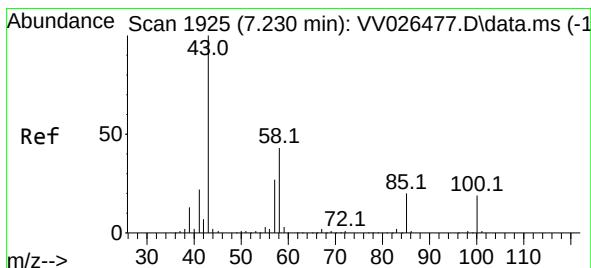
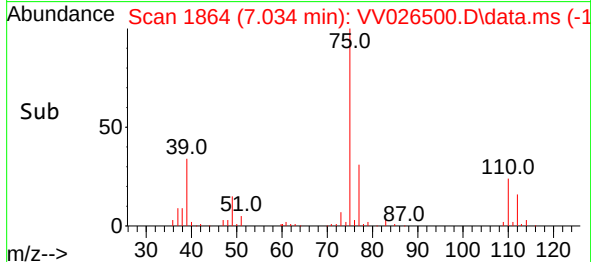
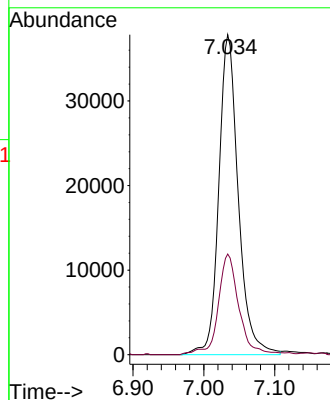
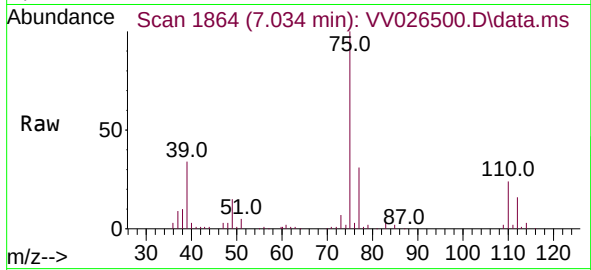
ClientSampleId :

Tgt Ion: 75 Resp: 72243

Ion Ratio Lower Upper

75 100

77 31.5 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 59.450 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

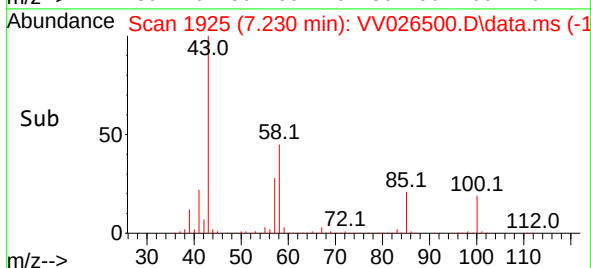
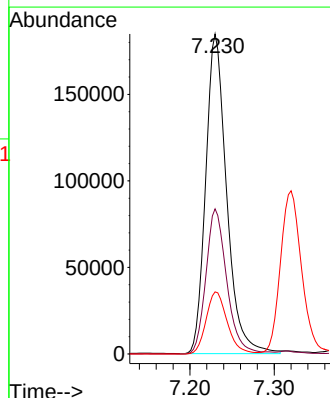
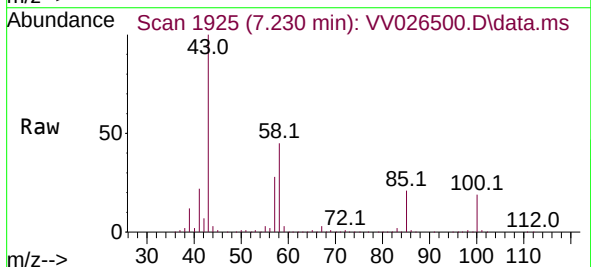
Tgt Ion: 43 Resp: 319732

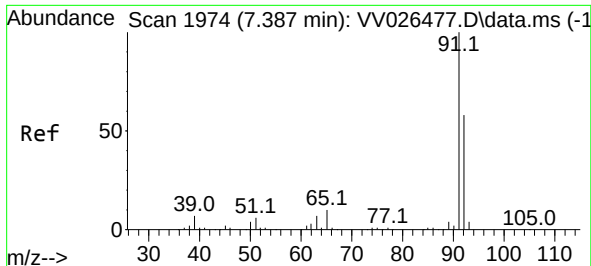
Ion Ratio Lower Upper

43 100

58 45.3 33.3 49.9

100 19.6 13.4 20.2





#42

Toluene

Concen: 6.260 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

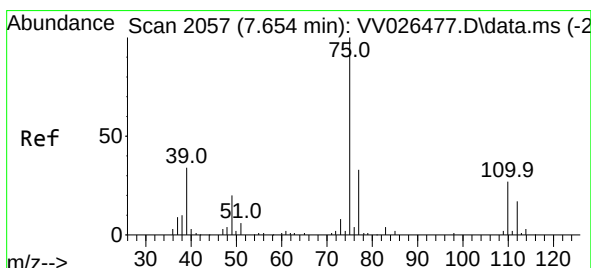
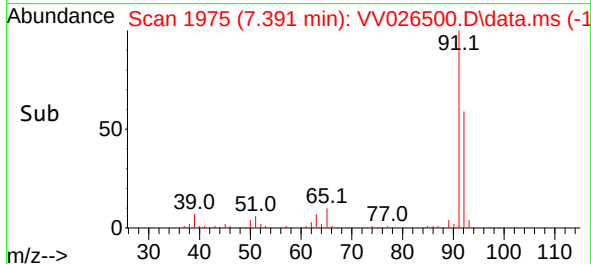
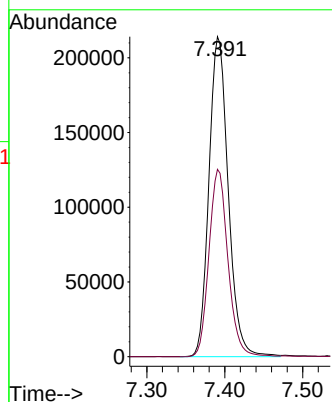
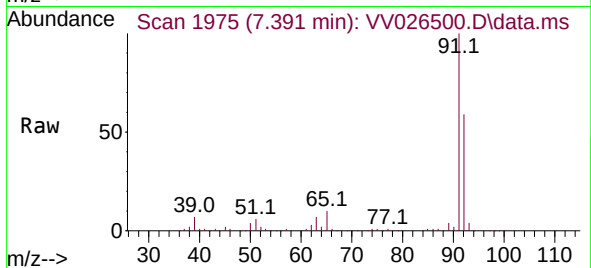
ClientSampleId :

Tgt Ion: 91 Resp: 368209

Ion Ratio Lower Upper

91 100

92 58.6 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 3.822 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.003 min

Lab File: VV026500.D

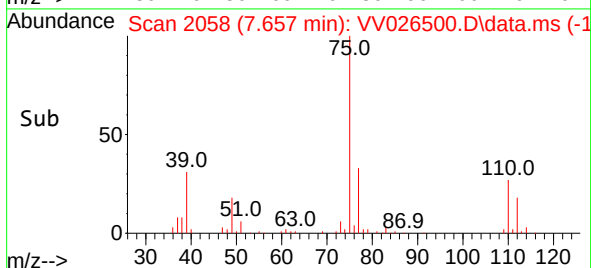
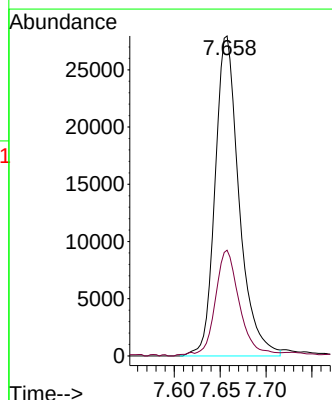
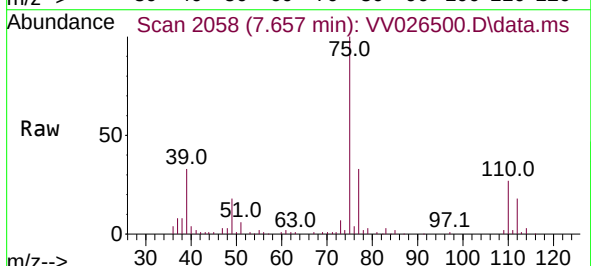
Acq: 21 Jun 2022 19:50

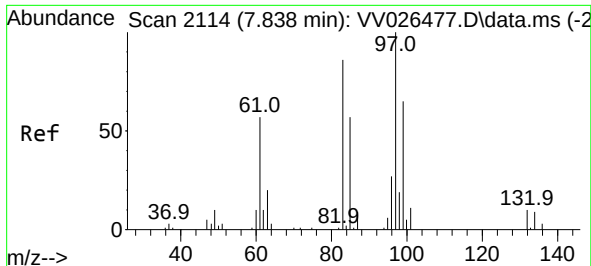
Tgt Ion: 75 Resp: 50959

Ion Ratio Lower Upper

75 100

77 33.1 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.112 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.006 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 49082

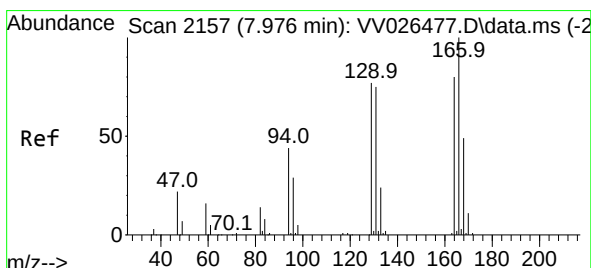
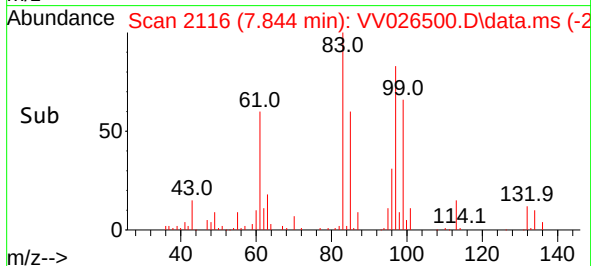
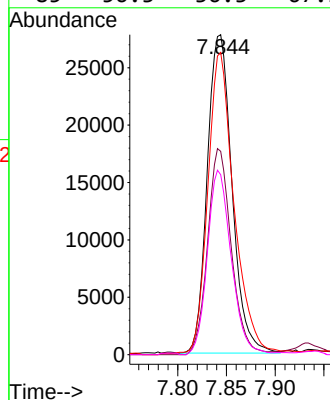
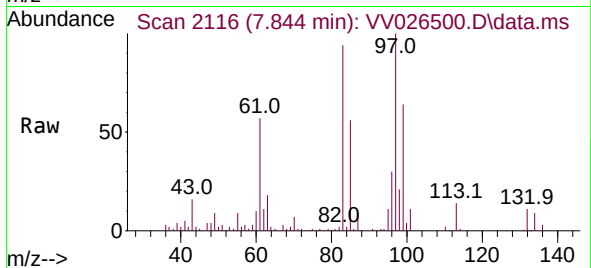
Ion Ratio Lower Upper

97 100

99 63.6 42.4 78.6

83 94.4 56.1 104.1

85 56.3 36.3 67.5



#47

Tetrachloroethene

Concen: 5.307 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Tgt Ion: 164 Resp: 60014

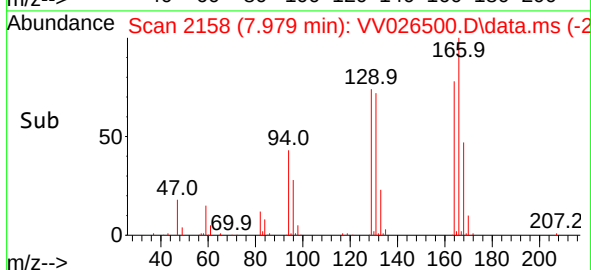
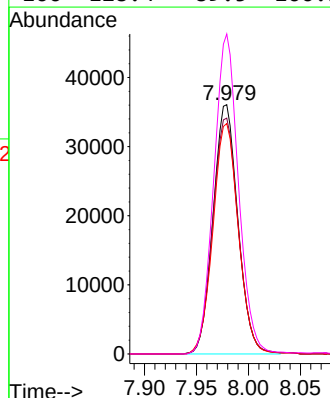
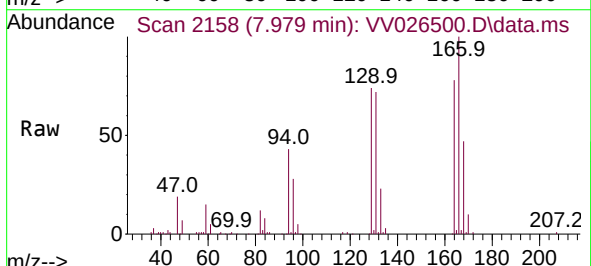
Ion Ratio Lower Upper

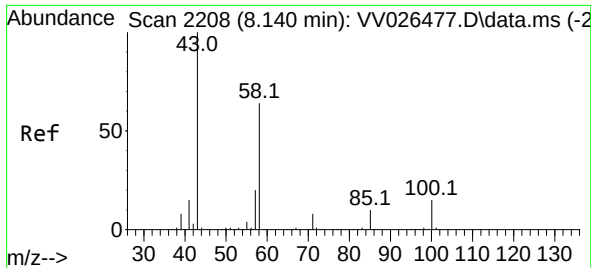
164 100

129 94.7 67.5 125.3

131 92.4 63.8 118.4

166 128.4 89.5 166.3

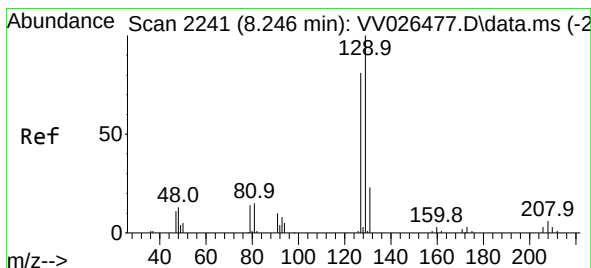
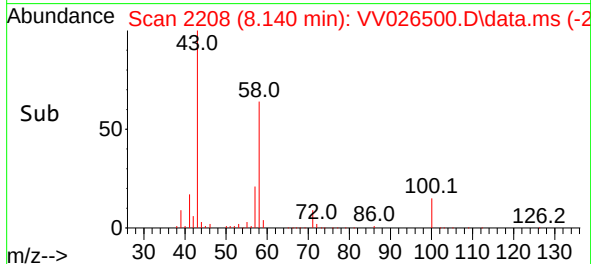
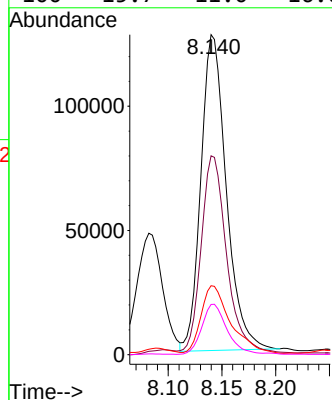
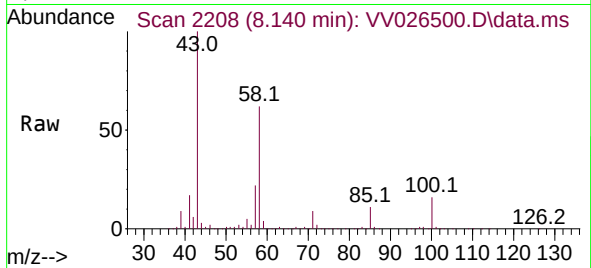




#48
2-Hexanone
Concen: 54.159 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

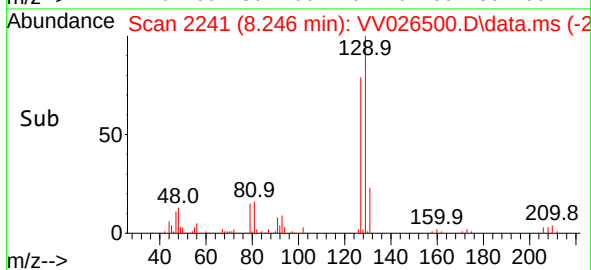
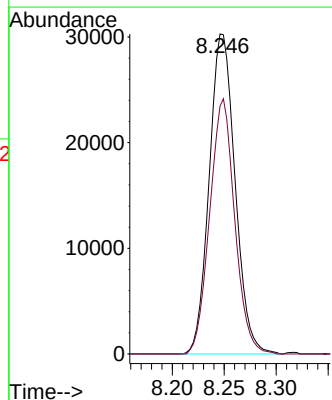
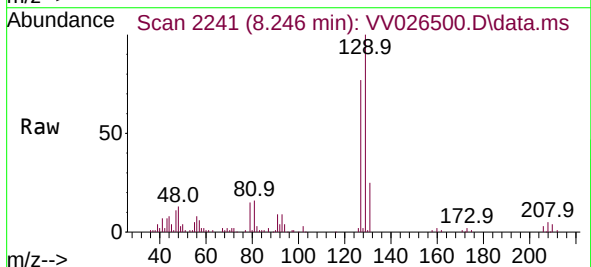
Instrument :
MSVOA_V
ClientSampleId :

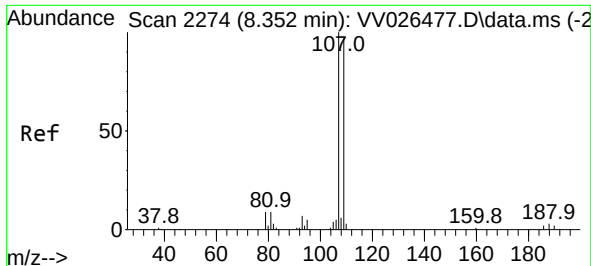
Tgt Ion: 43 Resp: 208686
Ion Ratio Lower Upper
43 100
58 63.4 48.7 73.1
57 25.6 16.0 24.0#
100 15.7 11.0 16.6



#49
Dibromochloromethane
Concen: 4.936 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion: 129 Resp: 52483
Ion Ratio Lower Upper
129 100
127 77.5 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.302 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026500.D

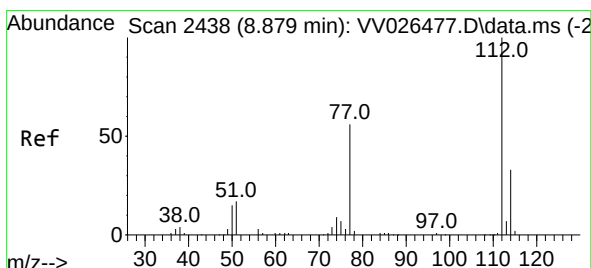
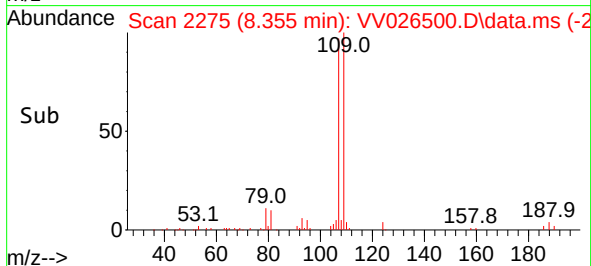
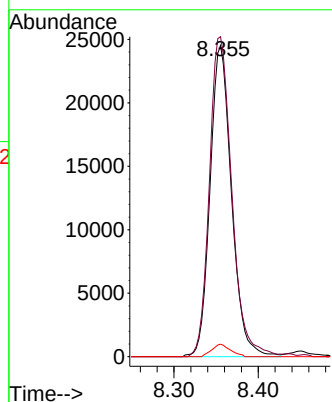
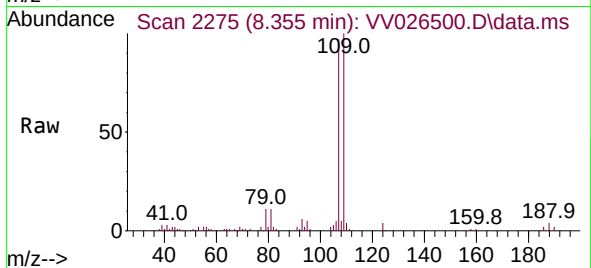
Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	43377
Ion	Ratio	Lower Upper
107	100	
109	102.8	65.2 121.2
188	4.0	2.9 4.3



#51

Chlorobenzene

Concen: 5.644 ug/L

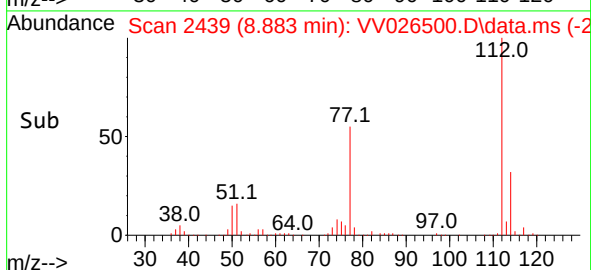
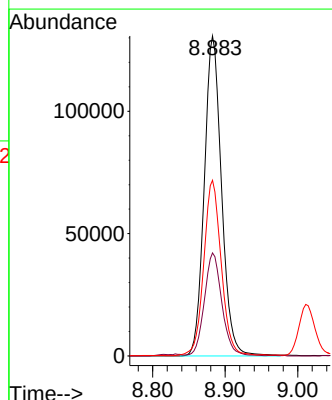
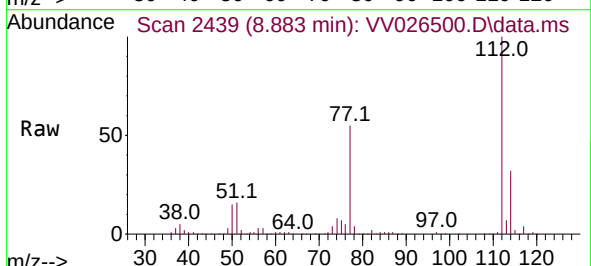
RT: 8.883 min Scan# 2439

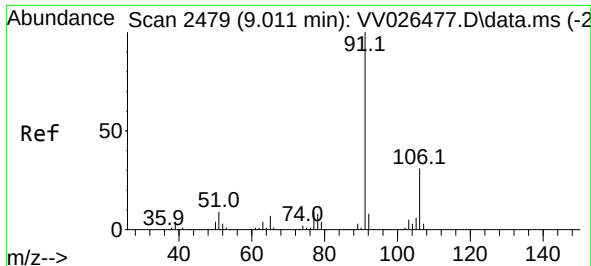
Delta R.T. 0.003 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Tgt Ion:112	Resp:	216774
Ion	Ratio	Lower Upper
112	100	
114	32.2	22.7 42.3
77	54.9	44.5 66.7

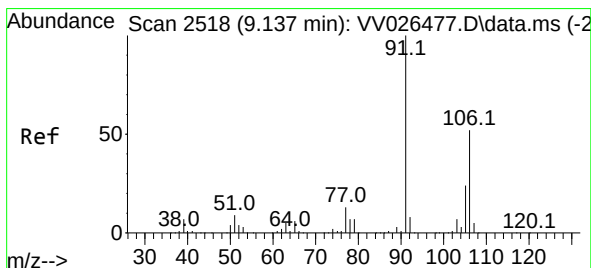
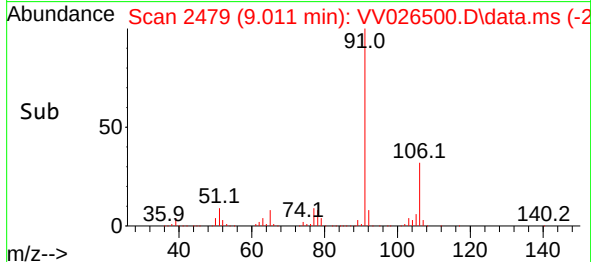
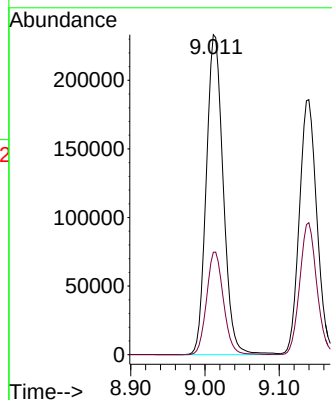
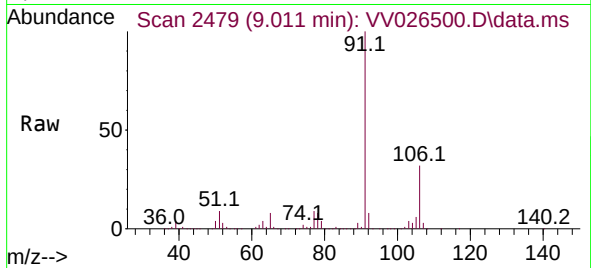




#52
Ethylbenzene
Concen: 6.263 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

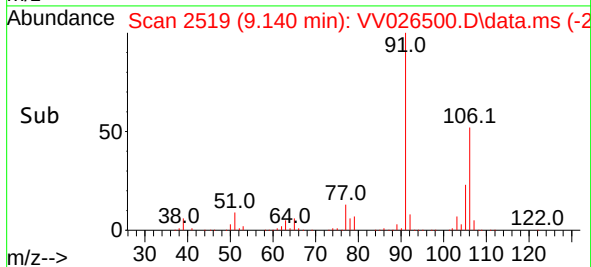
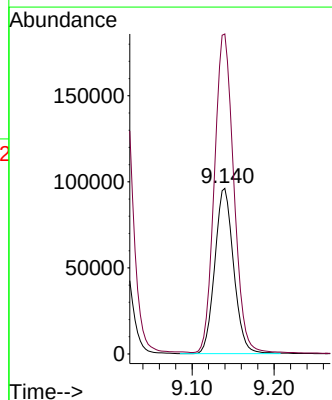
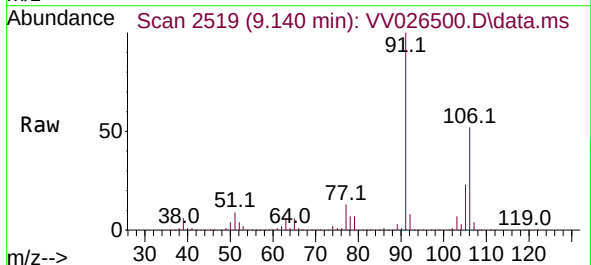
Instrument :
MSVOA_V
ClientSampleId :

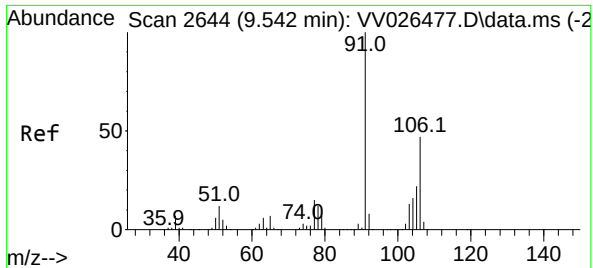
Tgt Ion: 91 Resp: 369320
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.0



#53
m,p-Xylene
Concen: 6.674 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion: 106 Resp: 153400
Ion Ratio Lower Upper
106 100
91 193.2 141.3 262.3

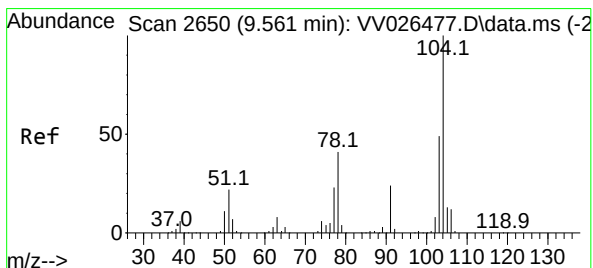
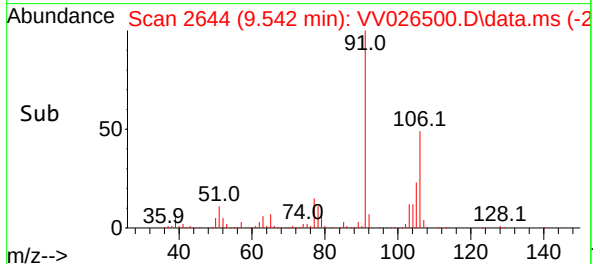
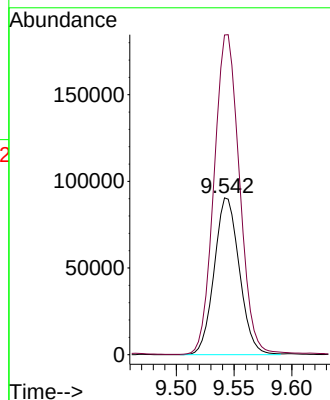
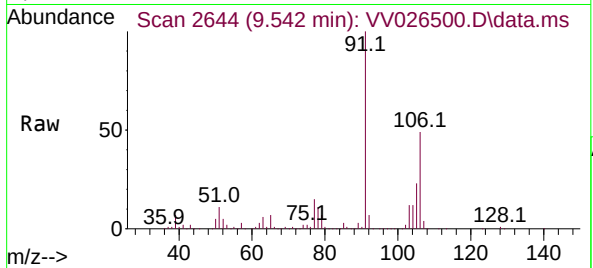




#54
o-Xylene
Concen: 6.155 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

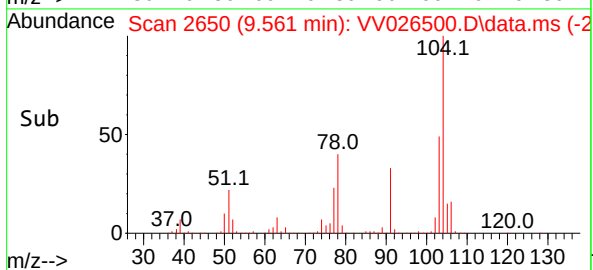
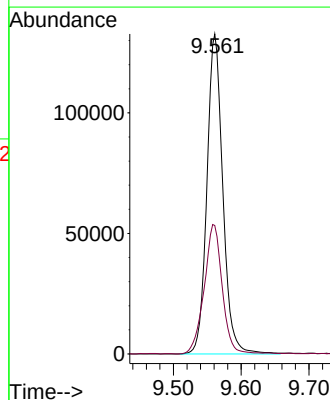
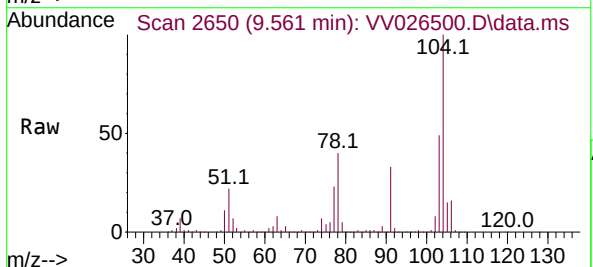
Instrument :
MSVOA_V
ClientSampleId :

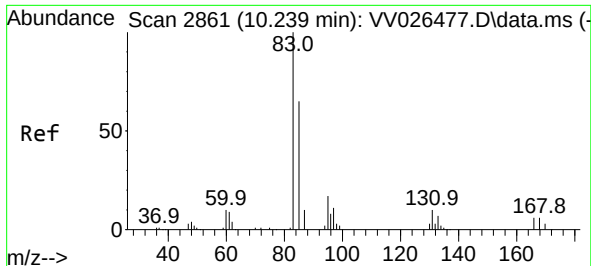
Tgt Ion:106 Resp: 137050
Ion Ratio Lower Upper
106 100
91 204.0 143.3 266.1



#55
Styrene
Concen: 5.785 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion:104 Resp: 216292
Ion Ratio Lower Upper
104 100
78 40.2 29.5 54.7

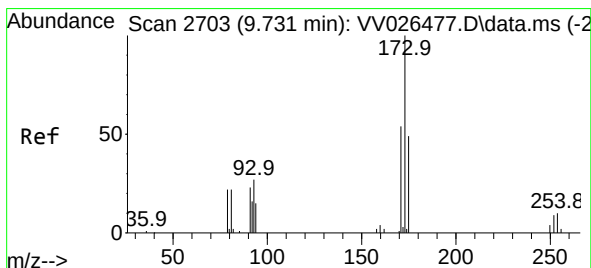
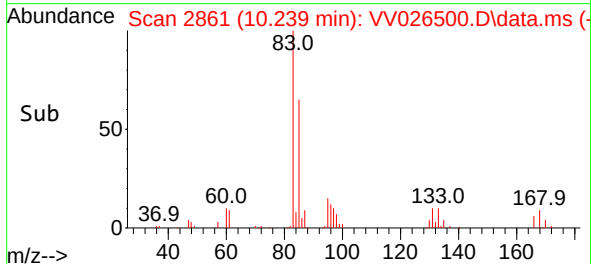
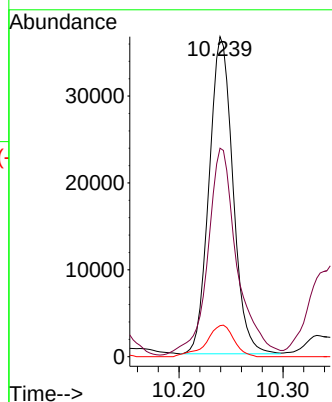
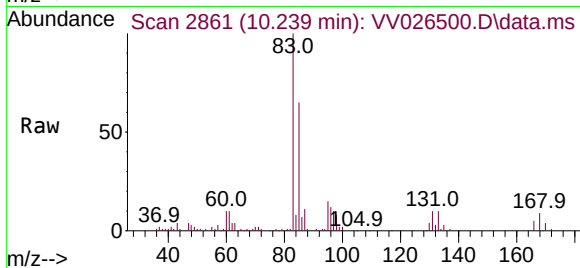




#57
1,1,2,2-Tetrachloroethane
Concen: 5.956 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

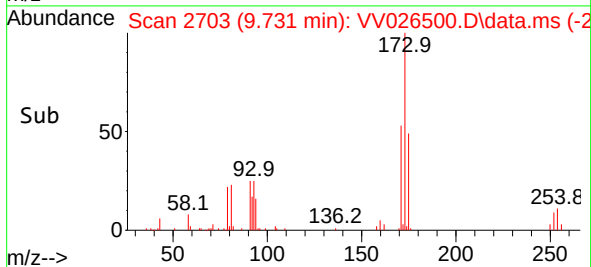
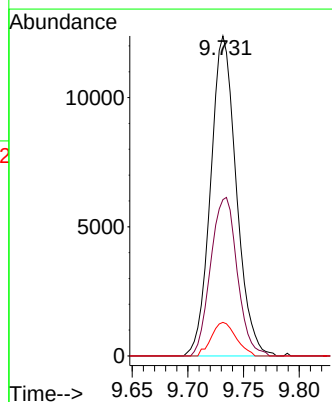
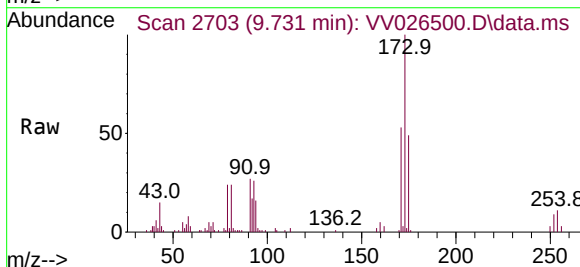
Instrument :
MSVOA_V
ClientSampleId :

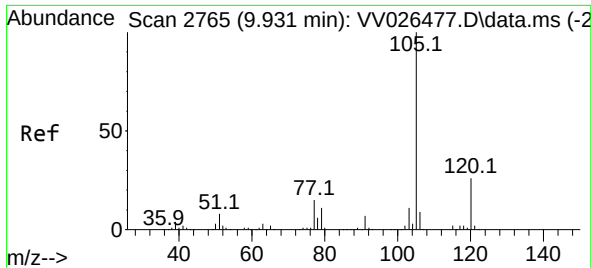
Tgt Ion: 83 Resp: 58001
Ion Ratio Lower Upper
83 100
85 65.1 47.1 87.5
131 9.7 7.7 11.5



#59
Bromoform
Concen: 3.849 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

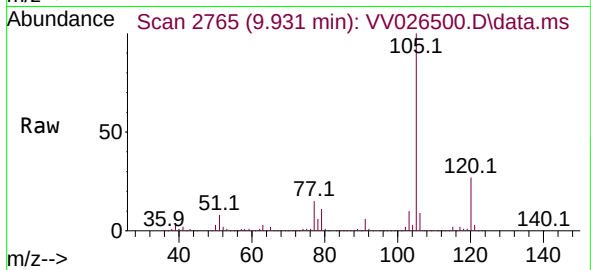
Tgt Ion: 173 Resp: 19897
Ion Ratio Lower Upper
173 100
175 51.1 38.3 57.5
254 10.1 6.9 10.3



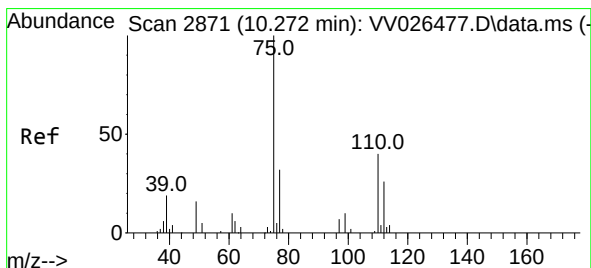
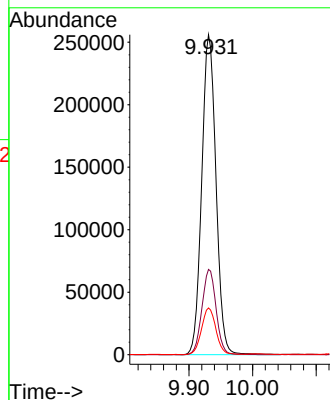
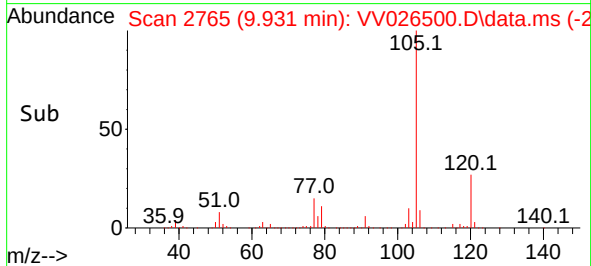


#60
Isopropylbenzene
Concen: 6.346 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

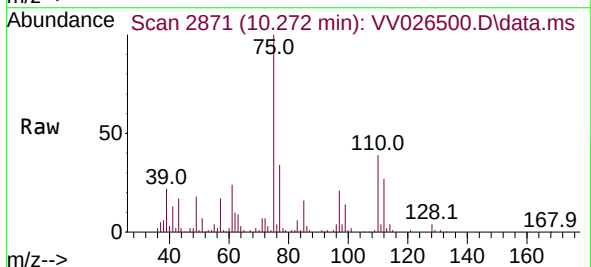
Instrument :
MSVOA_V
ClientSampleId :



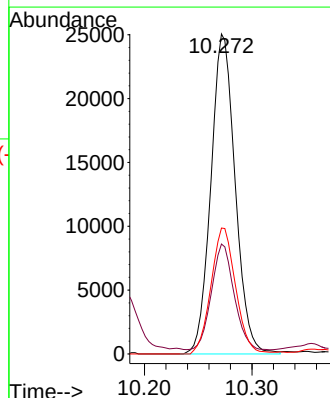
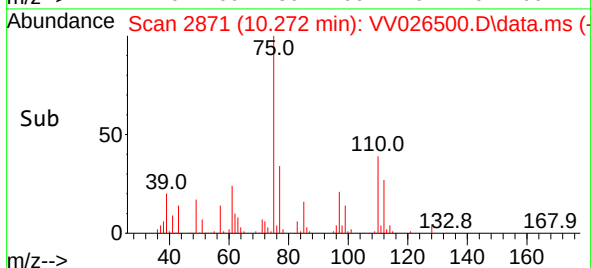
Tgt Ion:105 Resp: 398274
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 14.9 12.2 18.4

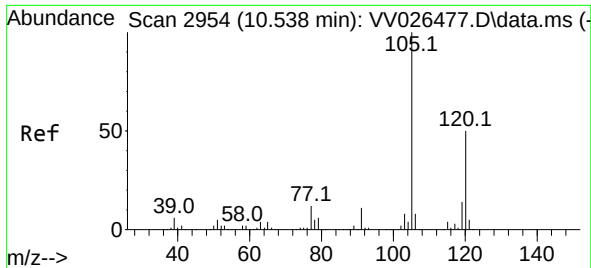


#61
1,2,3-Trichloropropane
Concen: 5.148 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50



Tgt Ion: 75 Resp: 39328
Ion Ratio Lower Upper
75 100
77 30.8 26.9 40.3
110 39.9 30.7 46.1

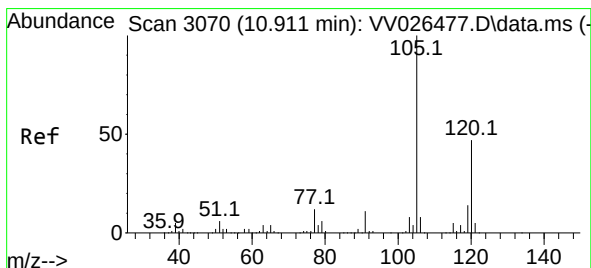
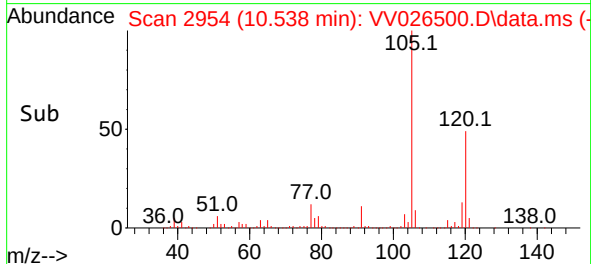
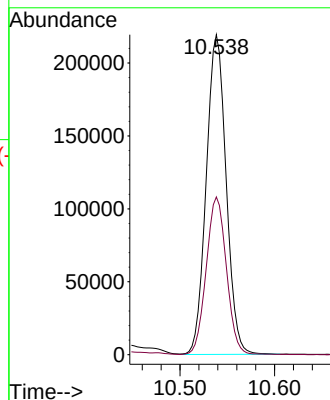
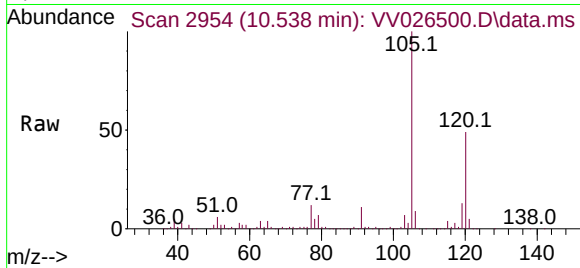




#62
 1,3,5-Trimethylbenzene
 Concen: 6.439 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026500.D
 Acq: 21 Jun 2022 19:50

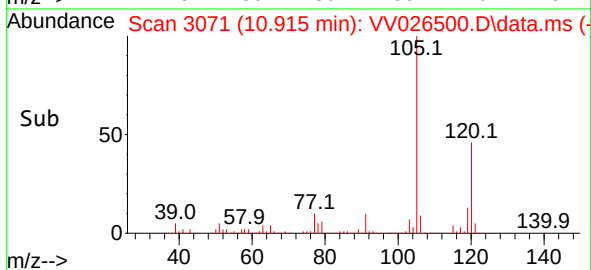
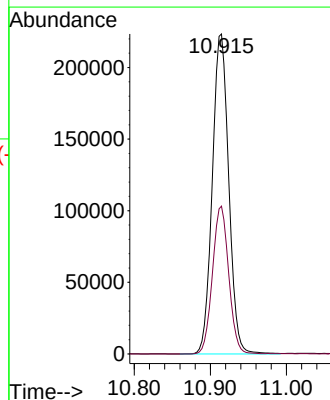
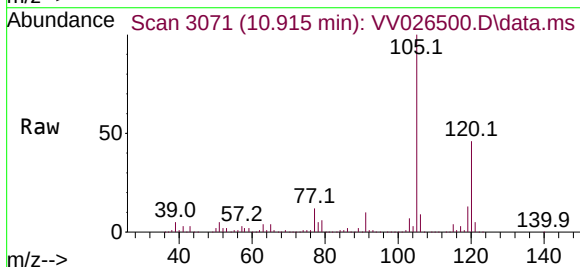
Instrument :
 MSVOA_V
 ClientSampleId :

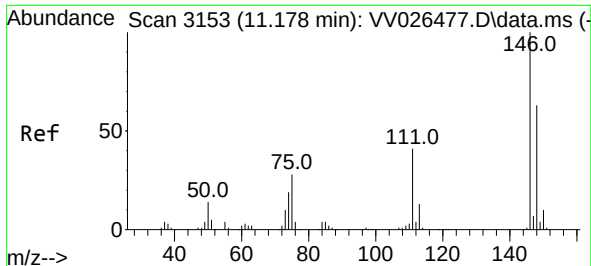
Tgt Ion:105 Resp: 320654
 Ion Ratio Lower Upper
 105 100
 120 50.2 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 6.801 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026500.D
 Acq: 21 Jun 2022 19:50

Tgt Ion:105 Resp: 335268
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.9 55.3

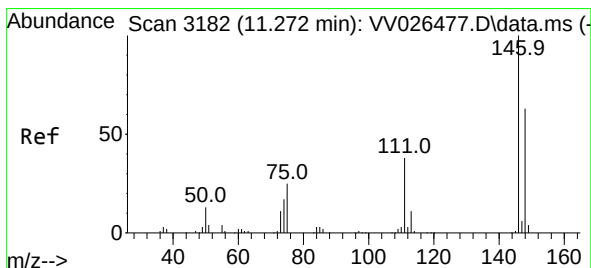
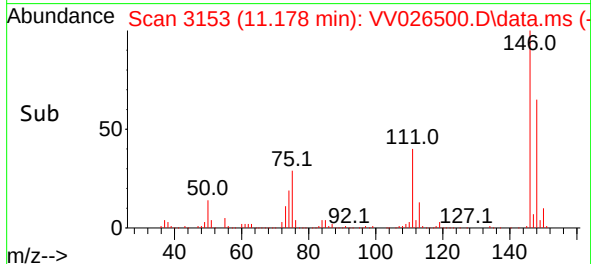
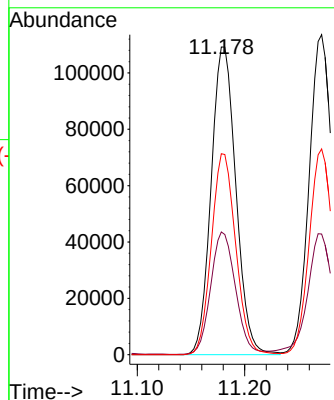
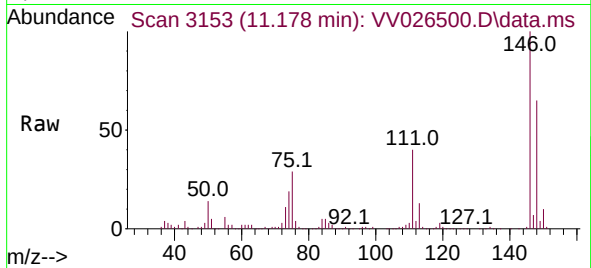




#64
1,3-Dichlorobenzene
Concen: 5.672 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

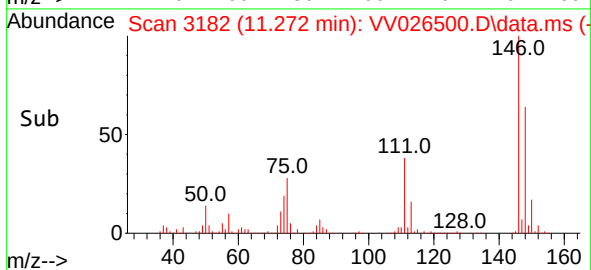
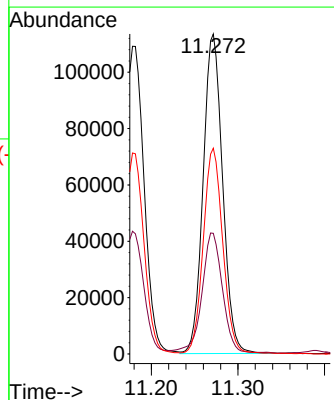
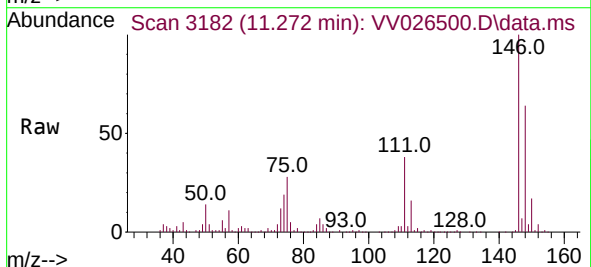
Instrument :
MSVOA_V
ClientSampleId :

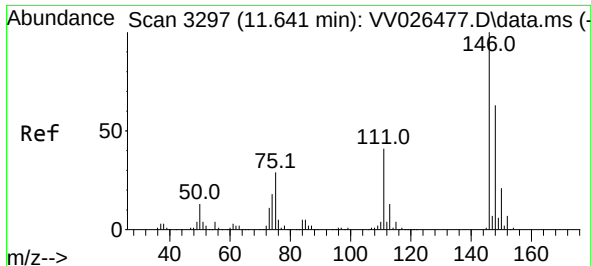
Tgt Ion:146 Resp: 174933
Ion Ratio Lower Upper
146 100
111 39.9 27.8 51.6
148 65.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.646 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026500.D
Acq: 21 Jun 2022 19:50

Tgt Ion:146 Resp: 176955
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 64.3 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.775 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

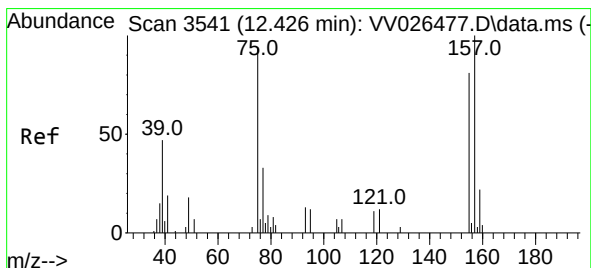
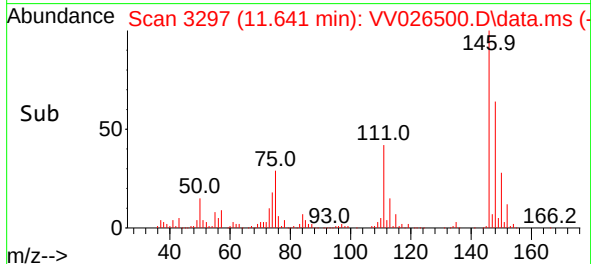
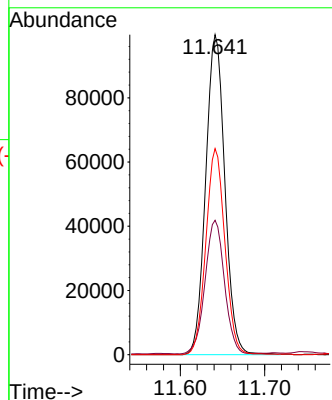
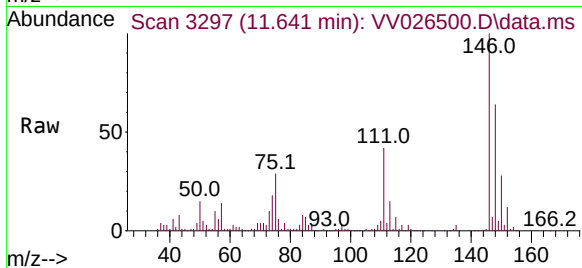
Tgt Ion:146 Resp: 157733

Ion Ratio Lower Upper

146 100

111 42.0 33.8 50.8

148 64.4 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.345 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

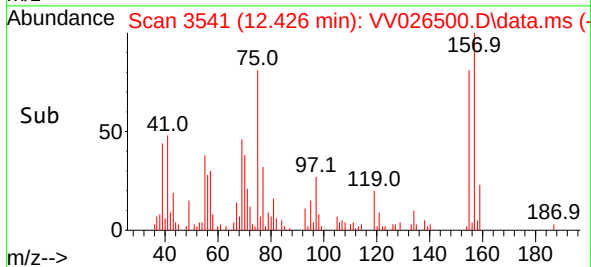
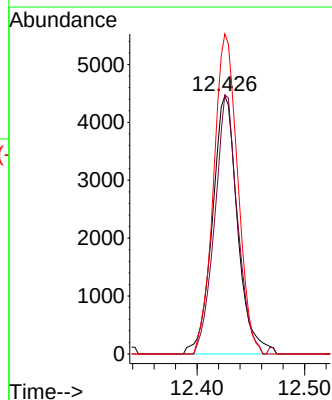
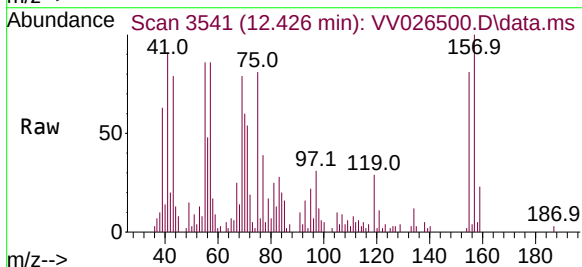
Tgt Ion: 75 Resp: 7233

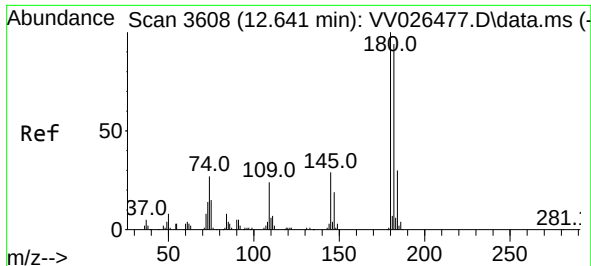
Ion Ratio Lower Upper

75 100

155 100.4 63.7 95.5#

157 124.0 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 6.330 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 141155

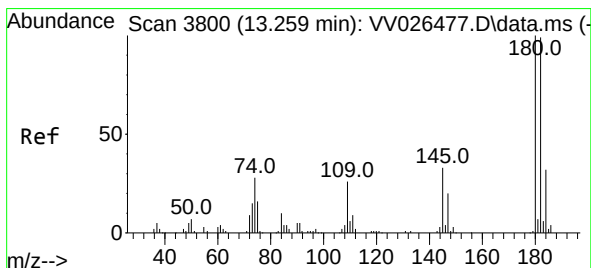
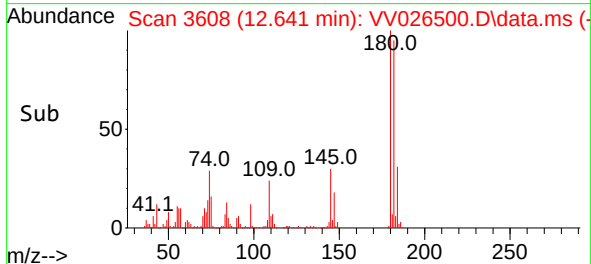
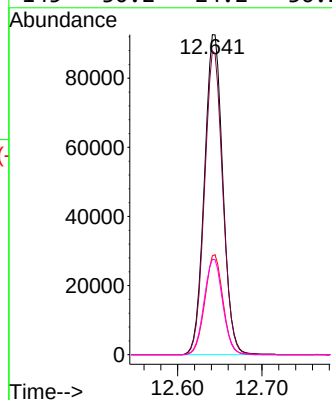
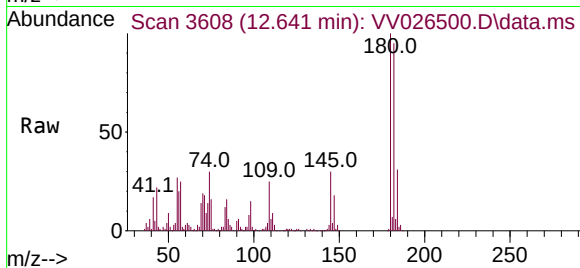
Ion Ratio Lower Upper

180 100

182 93.9 75.5 113.3

184 30.6 23.7 35.5

145 30.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 7.221 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

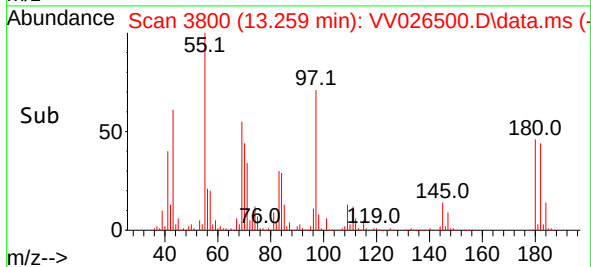
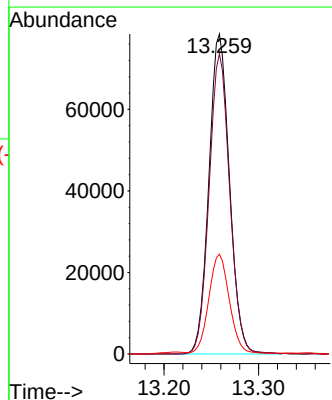
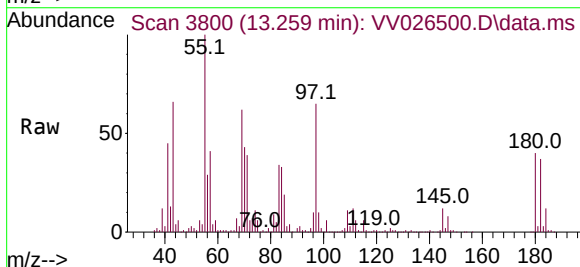
Tgt Ion:180 Resp: 118752

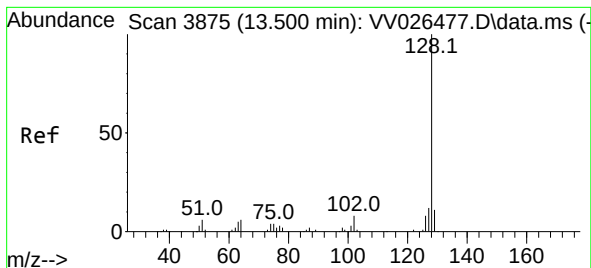
Ion Ratio Lower Upper

180 100

182 93.9 76.2 114.2

145 30.9 23.9 35.9





#71

Naphthalene

Concen: 14.321 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Instrument :

MSVOA_V

ClientSampleId :

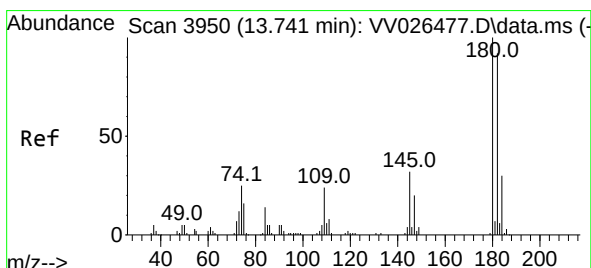
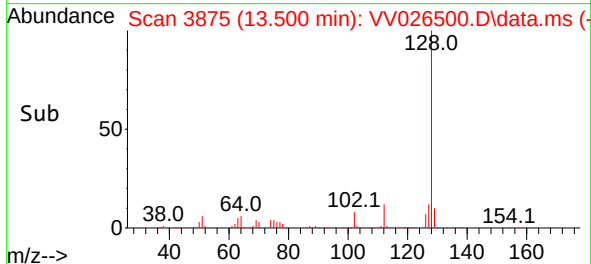
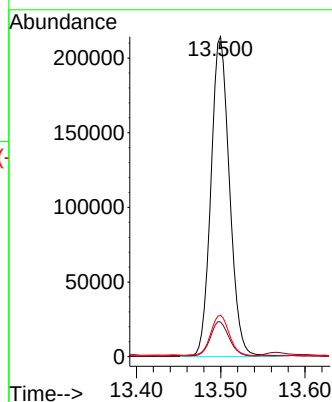
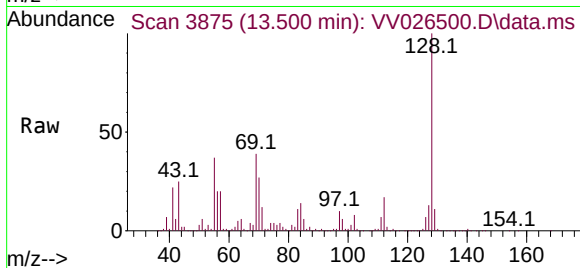
Tgt Ion:128 Resp: 327003

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 13.0 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 7.098 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026500.D

Acq: 21 Jun 2022 19:50

Tgt Ion:180 Resp: 97728

Ion Ratio Lower Upper

180 100

182 95.9 77.9 116.9

145 35.1 26.7 40.1

