

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024616.D
 Acq On : 11 Feb 2022 20:03
 Operator : SY/MD
 Sample : N1479-07MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW3MSD

Quant Time: Feb 12 03:47:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 03:41:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	124589	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44929	4.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.571	69	45170	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.114	63	105878	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.892	46	96034	55.393	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.780%
24) Chloroform-d	4.355	84	91656	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.037	65	42130	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.056	84	180592	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.072	67	53813	4.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	164320	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.625	79	20784	4.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.088	63	82767	52.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34633	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53478	5.017	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	80478	4.916	ug/L	99
3) Chloromethane	1.243	50	79669	4.946	ug/L	97
5) Vinyl chloride	1.314	62	85273	4.915	ug/L	99
6) Bromomethane	1.526	94	54023	5.059	ug/L	100
8) Chloroethane	1.587	64	59875	5.635	ug/L	97
9) Trichlorofluoromethane	1.757	101	119738	5.107	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	64007	4.897	ug/L #	87
12) 1,1-Dichloroethene	2.124	96	64603	5.008	ug/L	91
13) Acetone	2.182	43	69567	50.847	ug/L	73
14) Carbon disulfide	2.298	76	191636	4.674	ug/L	99
15) Methyl Acetate	2.439	43	15585	3.983	ug/L	97
16) Methylene chloride	2.510	84	59627	4.666	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	130811	4.921	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	62695	4.947	ug/L	93
19) 1,1-Dichloroethane	3.195	63	114135	5.215	ug/L	98
21) 2-Butanone	3.976	43	116270	51.277	ug/L	90
22) cis-1,2-Dichloroethene	3.918	96	65743	5.146	ug/L	90
23) Bromochloromethane	4.256	128	25342	5.223	ug/L	84
25) Chloroform	4.381	83	115971	5.062	ug/L	99

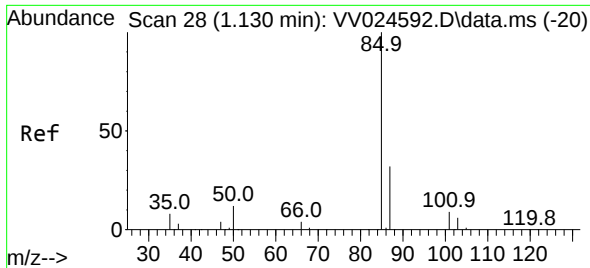
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 03:41:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	65519	5.216	ug/L	96
29) 1,1,1-Trichloroethane	4.613	97	104660	5.051	ug/L	97
30) Cyclohexane	4.683	56	105262	4.931	ug/L	96
31) Carbon tetrachloride	4.834	117	88127	5.022	ug/L	99
33) Benzene	5.105	78	256454	5.202	ug/L	100
34) Trichloroethene	5.918	95	68602	5.054	ug/L	88
35) Methylcyclohexane	6.133	83	110514	4.921	ug/L	98
37) 1,2-Dichloropropane	6.175	63	62355	5.218	ug/L #	97
38) Bromodichloromethane	6.513	83	79381	4.998	ug/L #	97
39) cis-1,3-Dichloropropene	7.030	75	90691	4.981	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	311455	50.509	ug/L	99
42) Toluene	7.387	91	279261	5.200	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	73544	4.890	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	39208	5.063	ug/L	96
47) Tetrachloroethene	7.976	164	45131	5.011	ug/L	91
48) 2-Hexanone	8.140	43	220146	52.155	ug/L	98
49) Dibromochloromethane	8.246	129	46873	5.013	ug/L	99
50) 1,2-Dibromoethane	8.352	107	36902	5.078	ug/L #	95
51) Chlorobenzene	8.879	112	168862	5.131	ug/L	93
52) Ethylbenzene	9.011	91	310208	5.191	ug/L	97
53) m,p-xylene	9.140	106	118012	5.214	ug/L	98
54) o-xylene	9.542	106	113610	5.206	ug/L	94
55) Styrene	9.561	104	174839	4.880	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41160	5.248	ug/L	97
59) Bromoform	9.731	173	20368	4.821	ug/L #	97
60) Isopropylbenzene	9.931	105	306393	5.109	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	33302	5.109	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	259318	5.049	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	259405	5.081	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	125171	5.127	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	122166	5.038	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	109749	5.064	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	6759	5.338	ug/L #	63
69) 1,3,5-Trichlorobenzene	12.644	180	86411	4.975	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70580	5.032	ug/L	97
71) Naphthalene	13.500	128	128997	5.078	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58600	4.968	ug/L	97

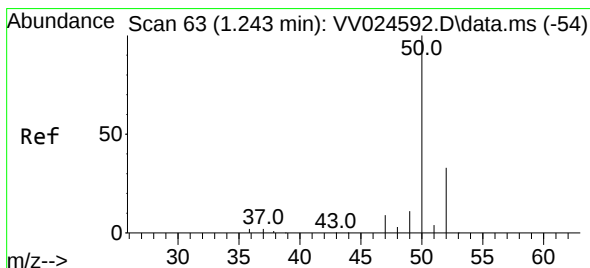
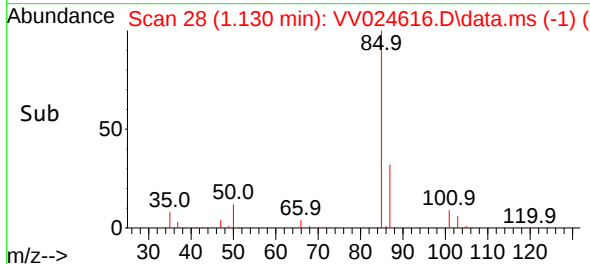
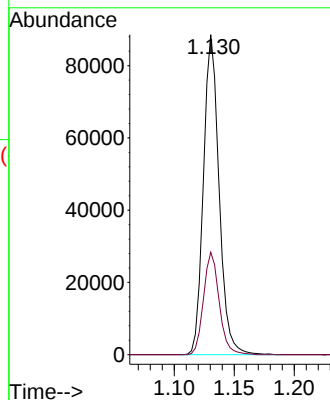
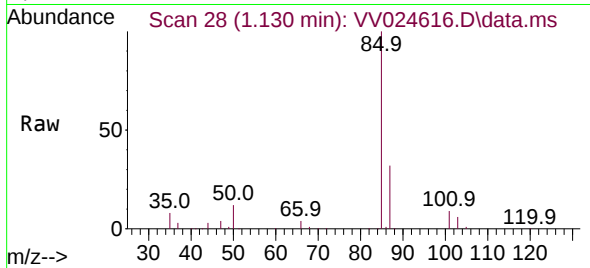
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.916 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

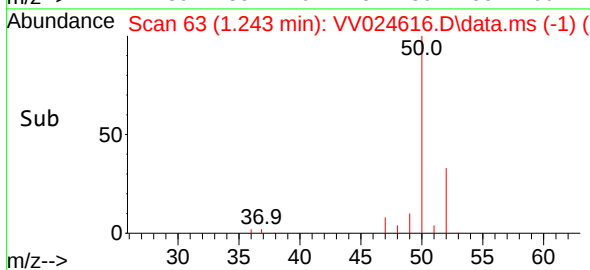
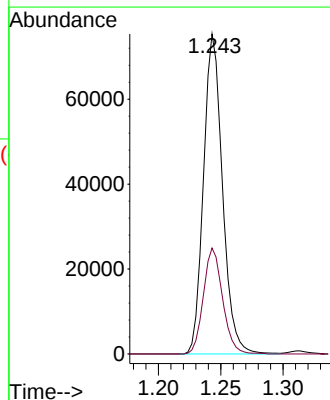
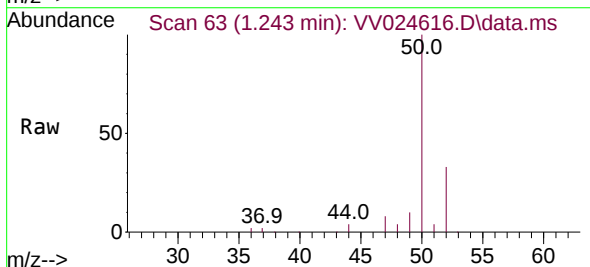
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW3MSD

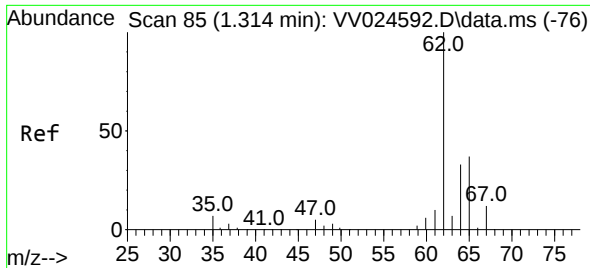
Tgt Ion: 85 Resp: 80478
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.946 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

Tgt Ion: 50 Resp: 79669
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 41.0

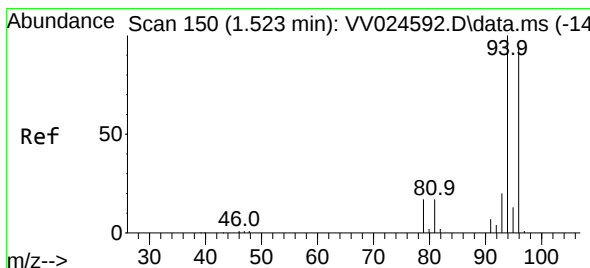
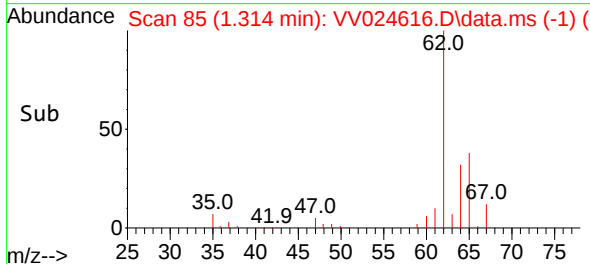
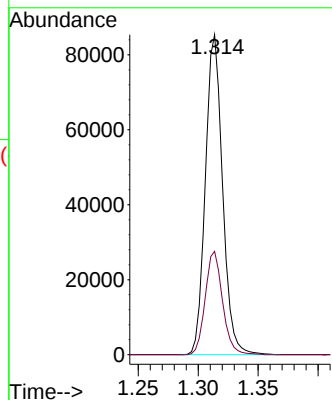
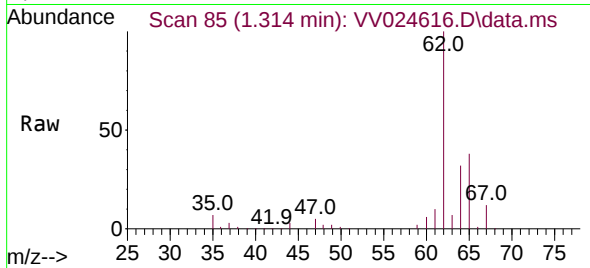




#5
 Vinyl chloride
 Concen: 4.915 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

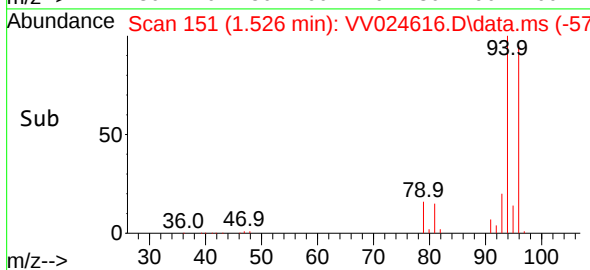
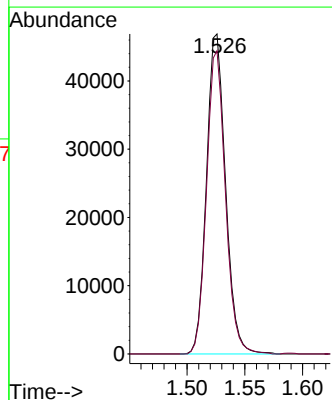
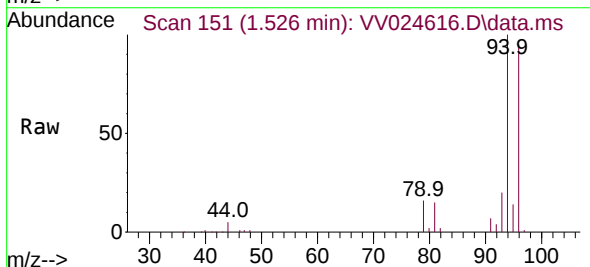
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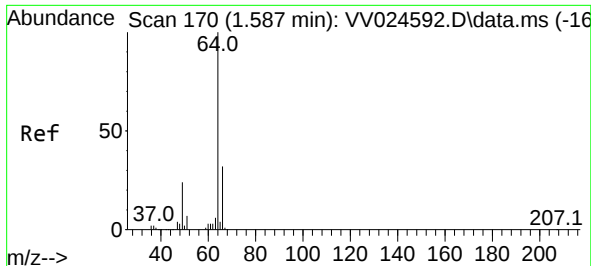
Tgt Ion: 62 Resp: 85273
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.4 41.6



#6
 Bromomethane
 Concen: 5.059 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

Tgt Ion: 94 Resp: 54023
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.2 123.0

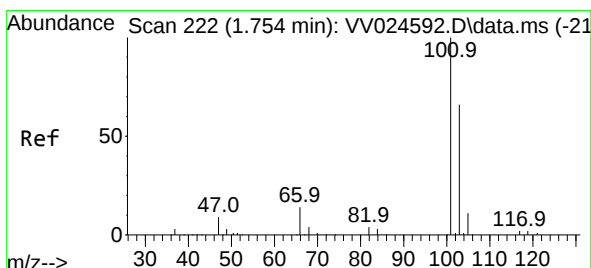
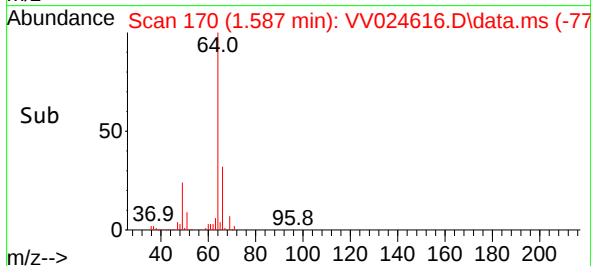
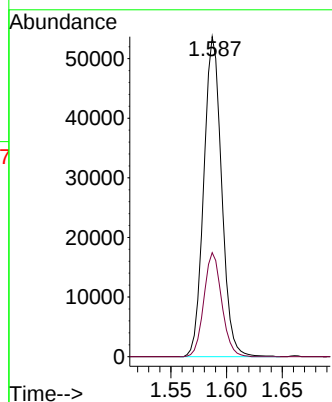
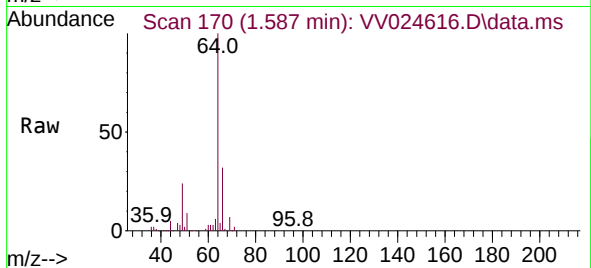




#8
Chloroethane
Concen: 5.635 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

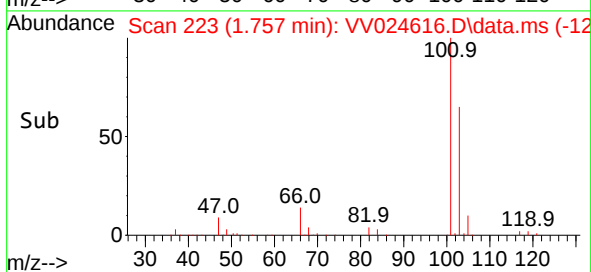
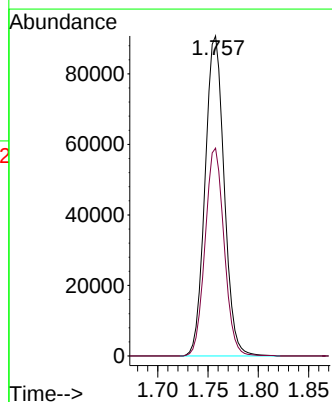
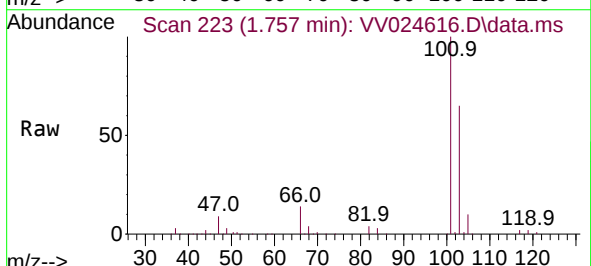
Instrument :
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ClientSampleId :
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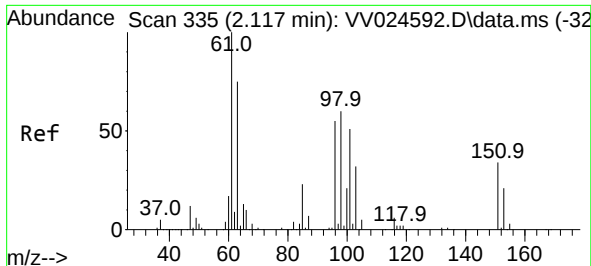
Tgt Ion: 64 Resp: 59875
Ion Ratio Lower Upper
64 100
66 32.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.107 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion:101 Resp: 119738
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

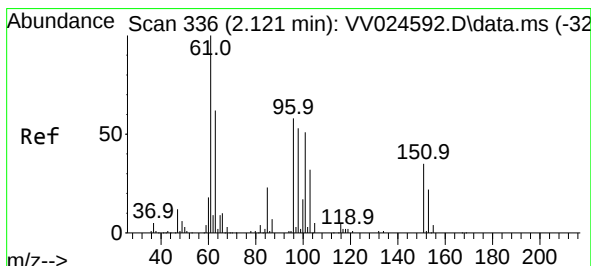
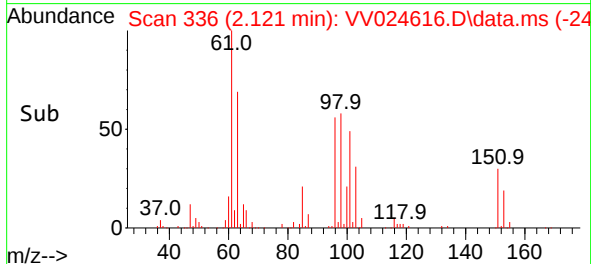
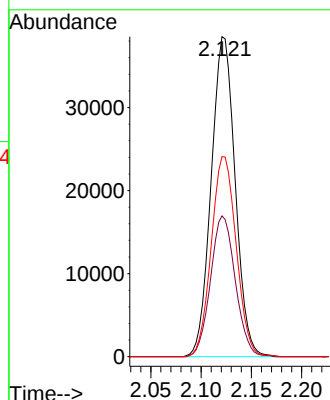
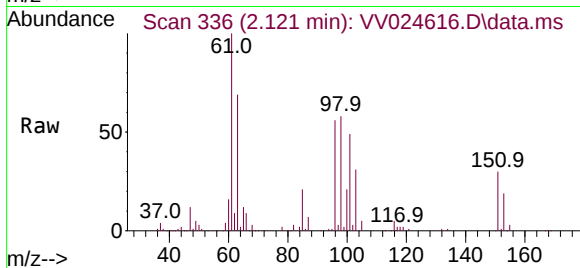




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.897 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

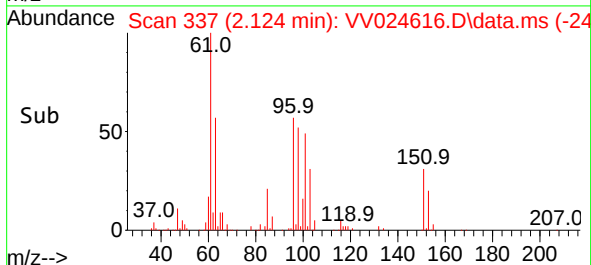
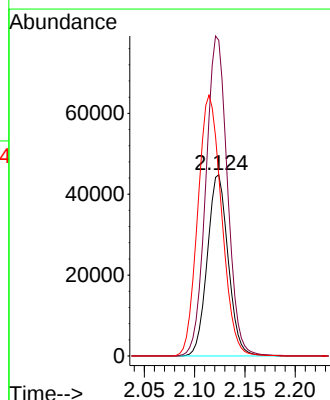
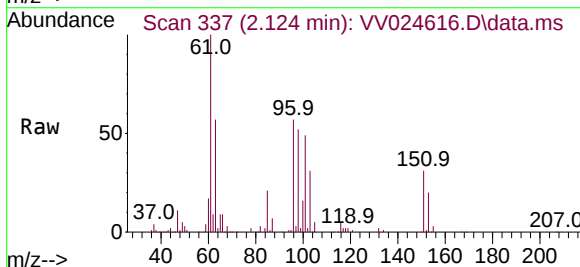
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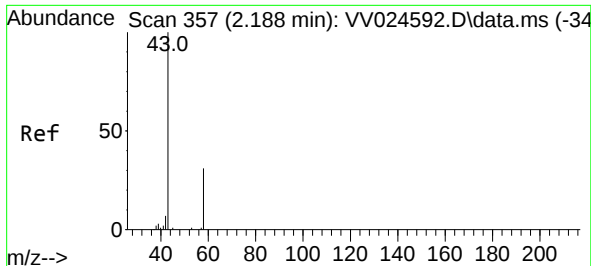
Tgt Ion:101 Resp: 64007
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.0 54.0
 151 65.0 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 5.008 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

Tgt Ion: 96 Resp: 64603
 Ion Ratio Lower Upper
 96 100
 61 174.1 116.1 215.5
 63 99.7 79.4 147.4





#13

Acetone

Concen: 50.847 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

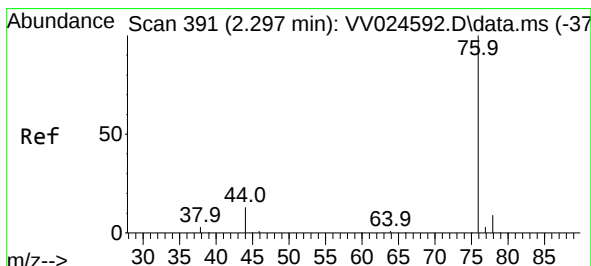
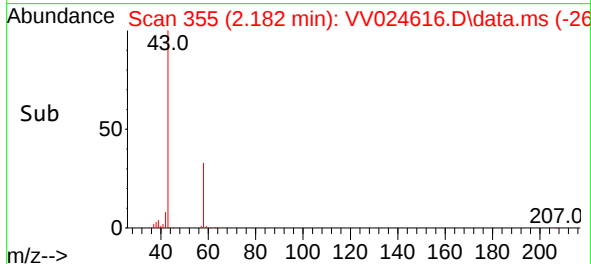
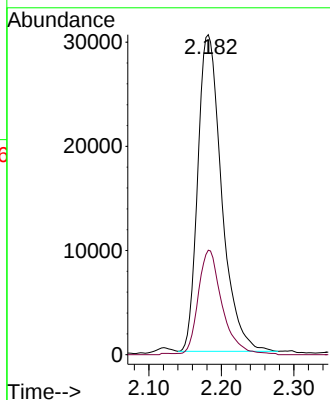
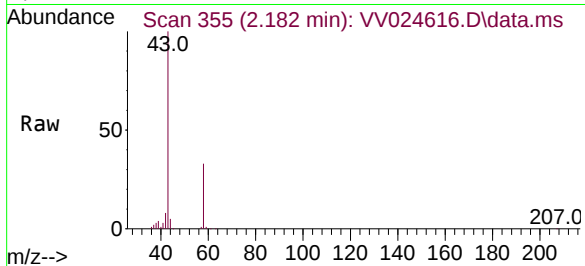
GBCW3MSD

Tgt Ion: 43 Resp: 69567

Ion Ratio Lower Upper

43 100

58 33.1 0.0 41.4



#14

Carbon disulfide

Concen: 4.674 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV024616.D

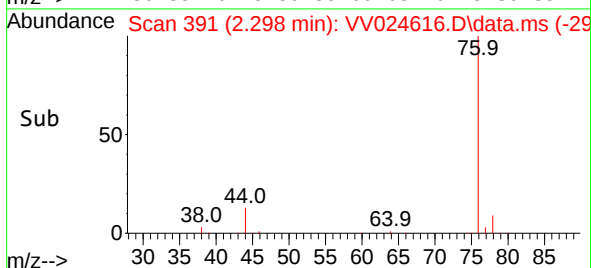
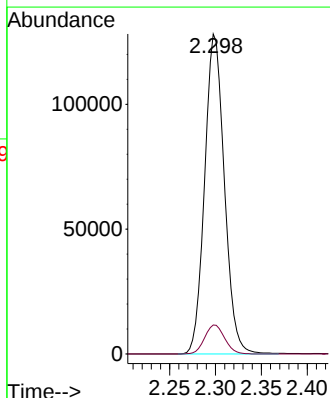
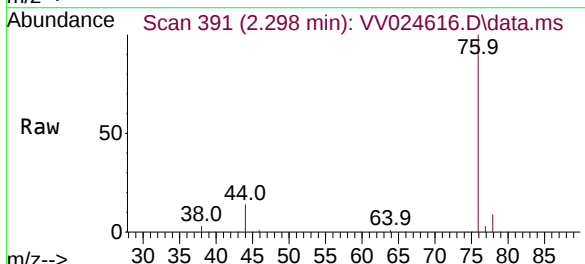
Acq: 11 Feb 2022 20:03

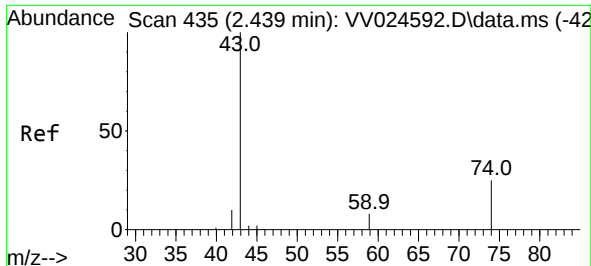
Tgt Ion: 76 Resp: 191636

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

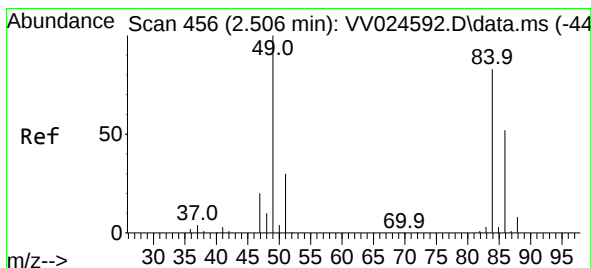
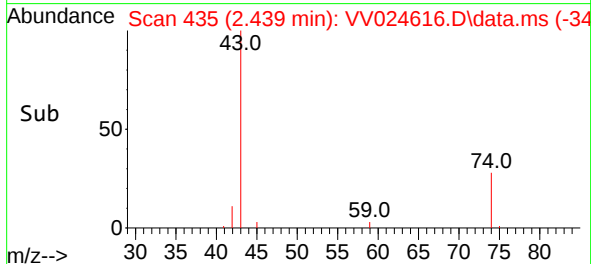
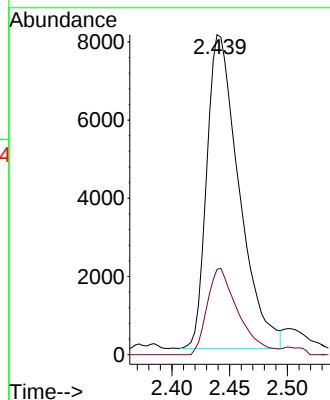
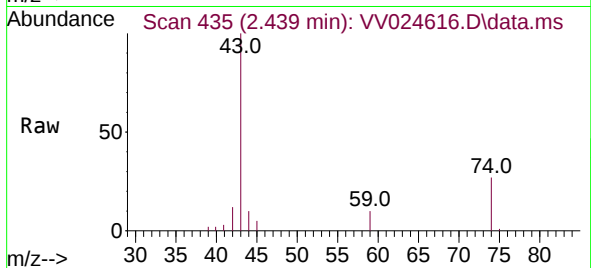




#15
Methyl Acetate
Concen: 3.983 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

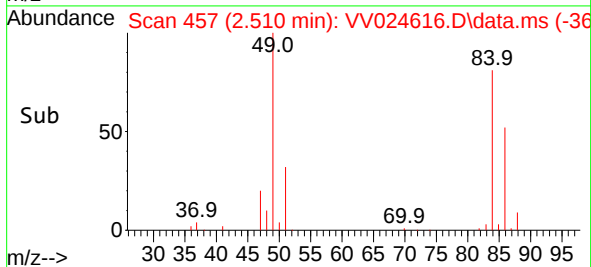
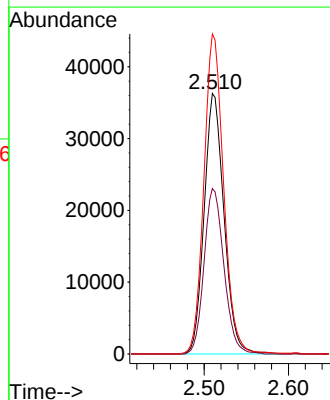
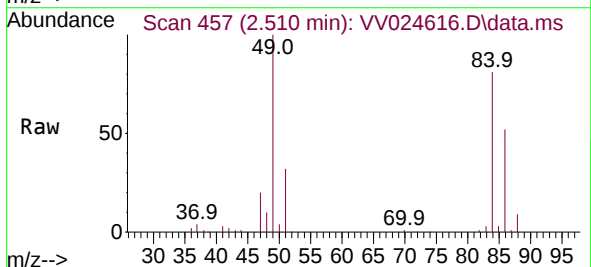
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

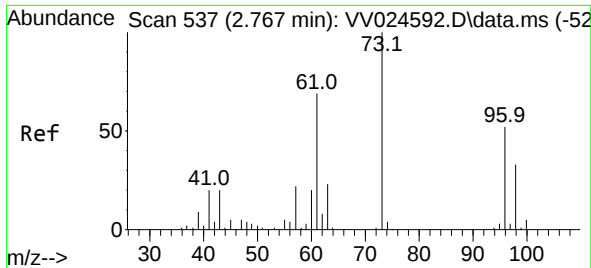
Tgt Ion: 43 Resp: 15585
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.2



#16
Methylene chloride
Concen: 4.666 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion: 84 Resp: 59627
Ion Ratio Lower Upper
84 100
86 63.5 42.6 79.0
49 122.9 79.7 147.9

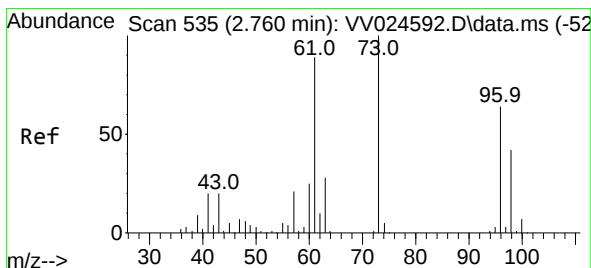
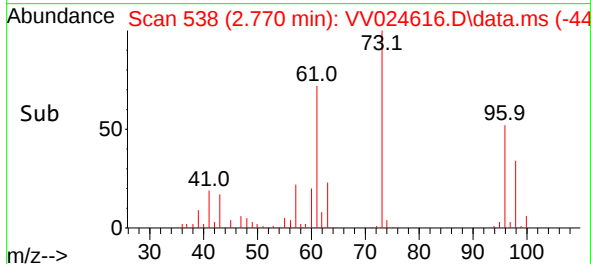
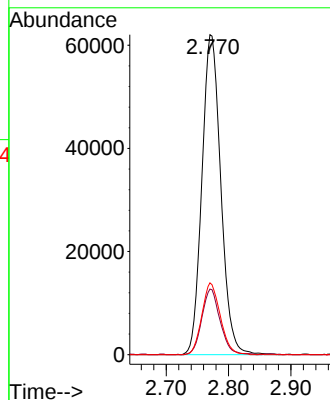
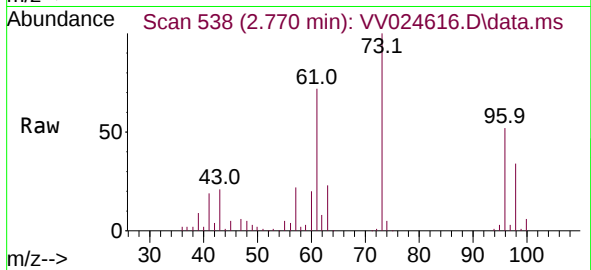




#17
Methyl tert-butyl Ether
Concen: 4.921 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

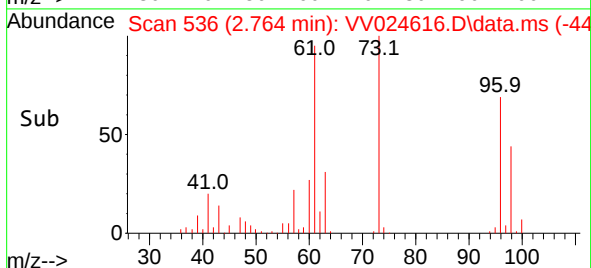
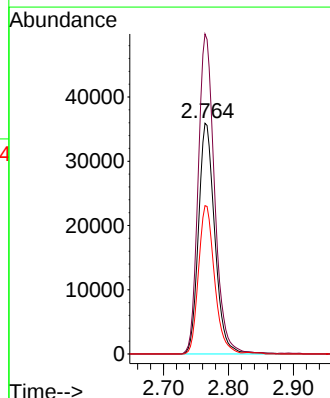
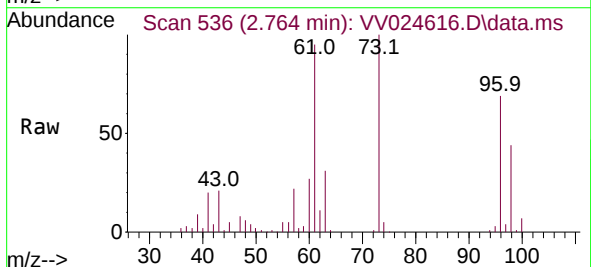
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

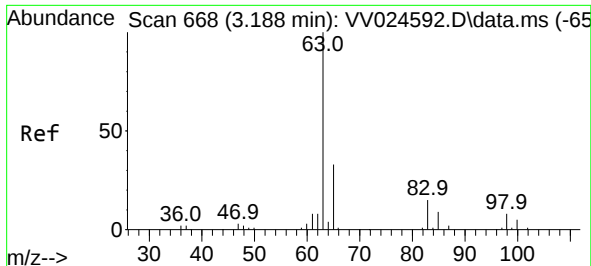
Tgt Ion: 73 Resp: 130811
Ion Ratio Lower Upper
73 100
43 19.8 15.5 23.3
57 21.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.947 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion: 96 Resp: 62695
Ion Ratio Lower Upper
96 100
61 138.7 88.2 163.8
98 64.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.215 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

GBCW3MSD

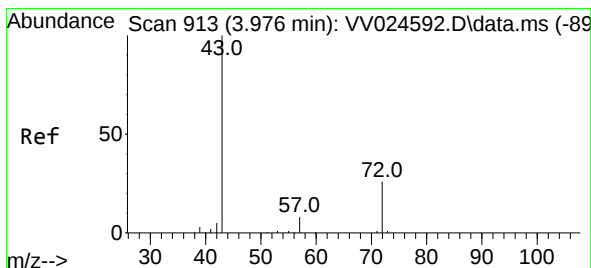
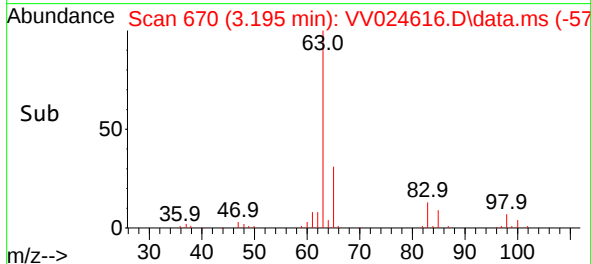
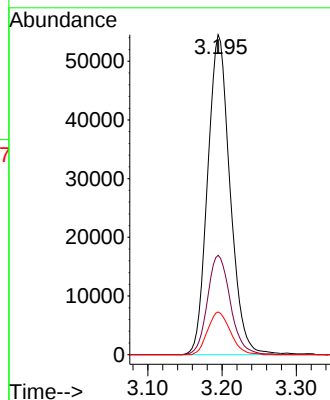
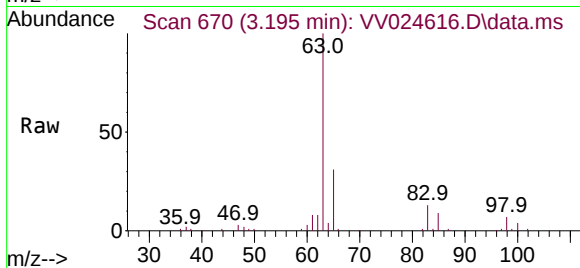
Tgt Ion: 63 Resp: 114135

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.3

83 13.3 10.7 19.9



#21

2-Butanone

Concen: 51.277 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.000 min

Lab File: VV024616.D

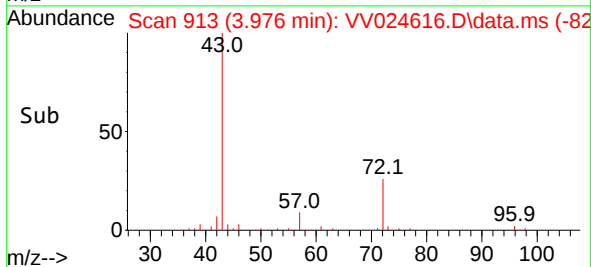
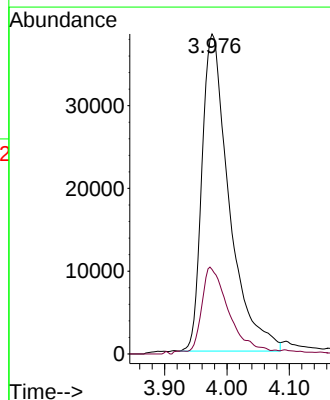
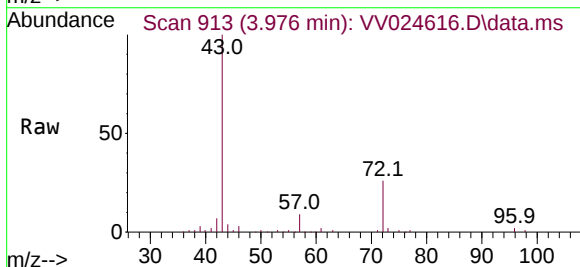
Acq: 11 Feb 2022 20:03

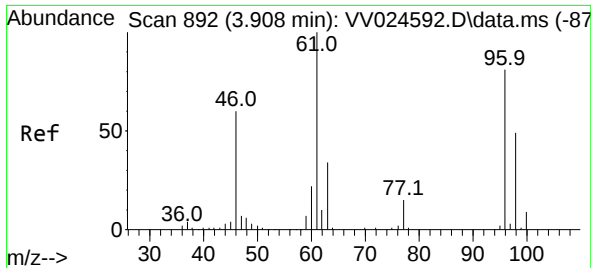
Tgt Ion: 43 Resp: 116270

Ion Ratio Lower Upper

43 100

72 26.9 11.1 33.1

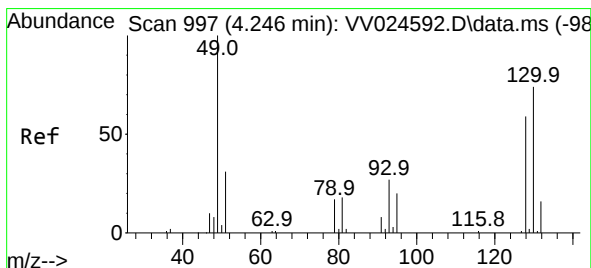
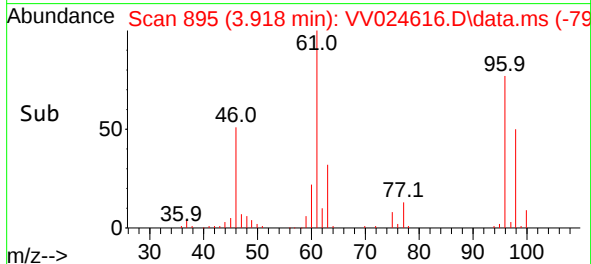
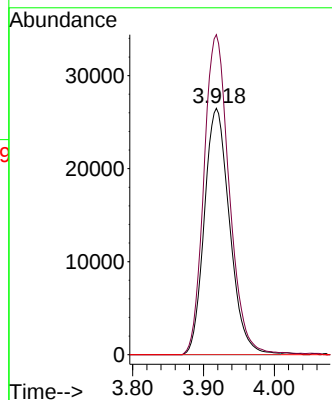
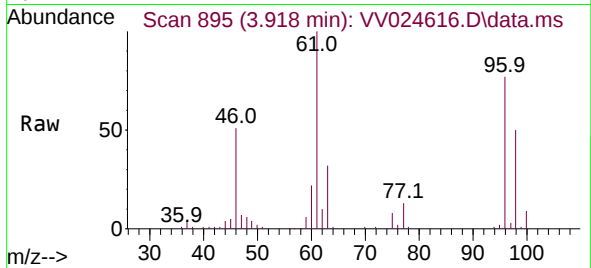




#22
 cis-1,2-Dichloroethene
 Concen: 5.146 ug/L
 RT: 3.918 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

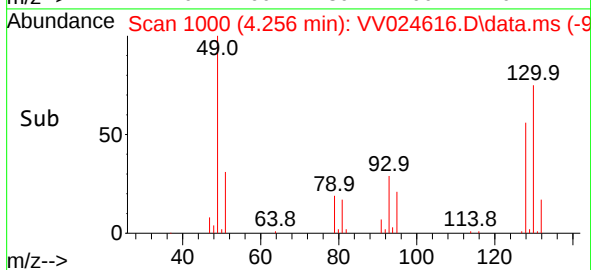
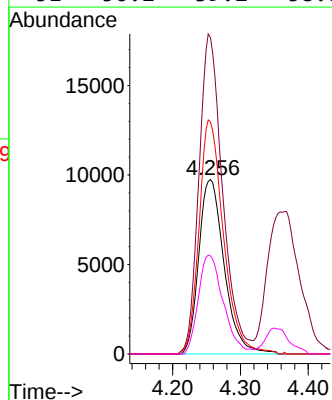
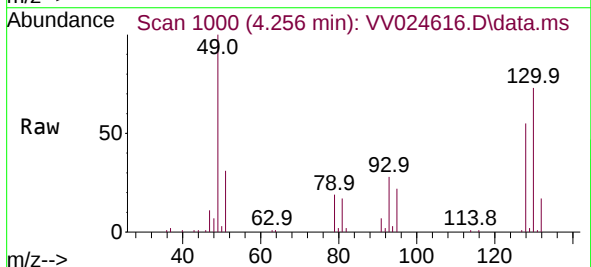
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW3MSD

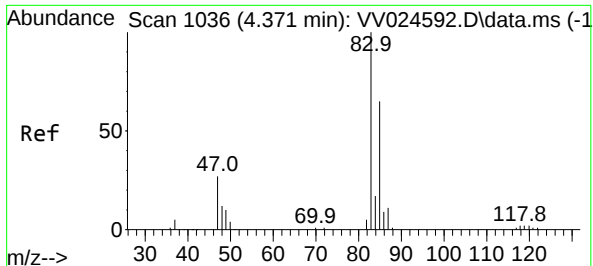
Tgt Ion: 96 Resp: 65743
 Ion Ratio Lower Upper
 96 100
 61 129.9 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.223 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.010 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

Tgt Ion: 128 Resp: 25342
 Ion Ratio Lower Upper
 128 100
 49 181.4 100.2 186.2
 130 133.0 92.5 171.7
 51 56.2 39.2 58.8





#25

Chloroform

Concen: 5.062 ug/L

RT: 4.381 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

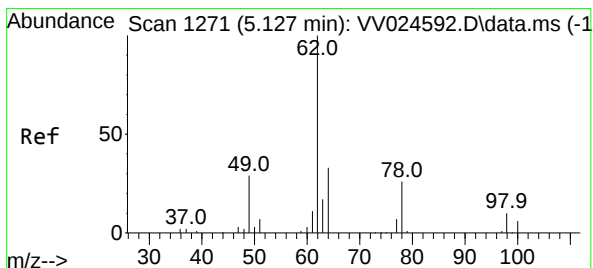
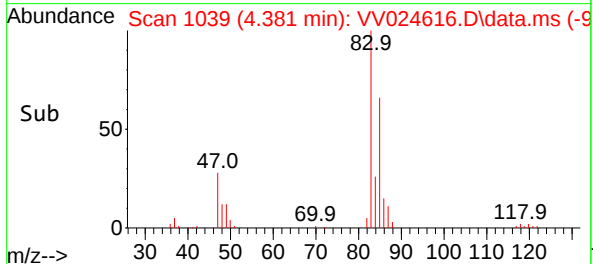
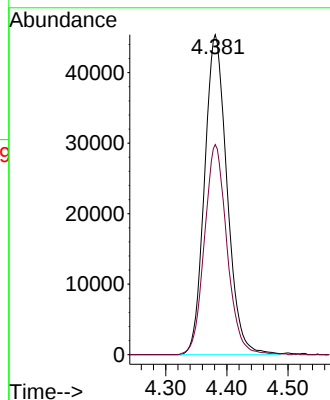
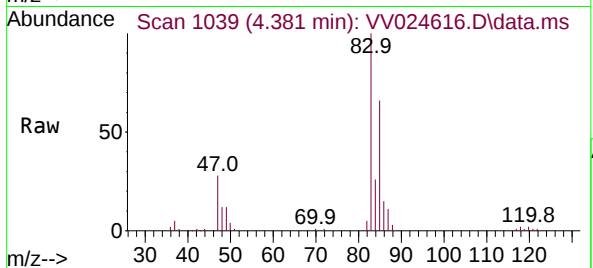
GBCW3MSD

Tgt Ion: 83 Resp: 115971

Ion Ratio Lower Upper

83 100

85 65.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.216 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.010 min

Lab File: VV024616.D

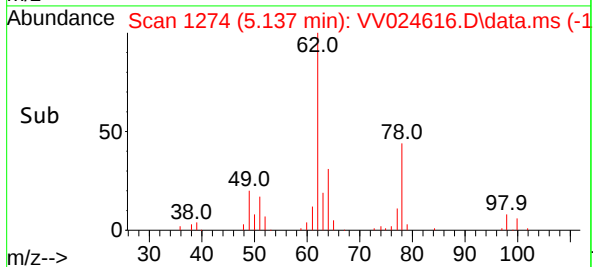
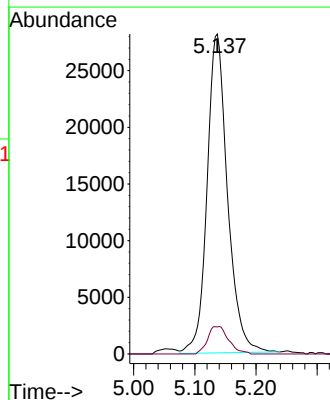
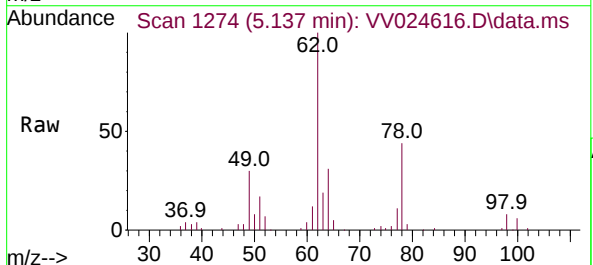
Acq: 11 Feb 2022 20:03

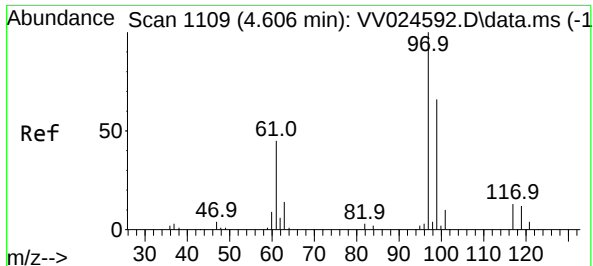
Tgt Ion: 62 Resp: 65519

Ion Ratio Lower Upper

62 100

98 8.5 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.051 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

GBCW3MSD

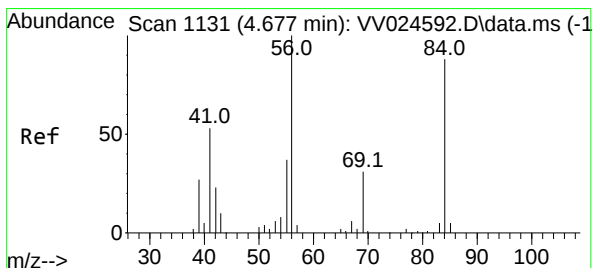
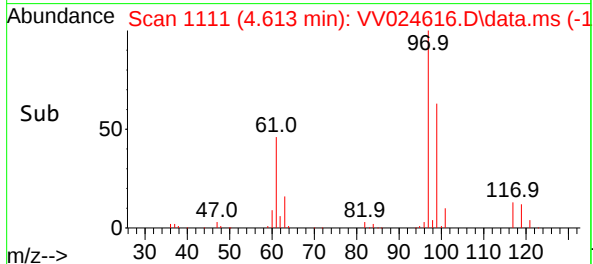
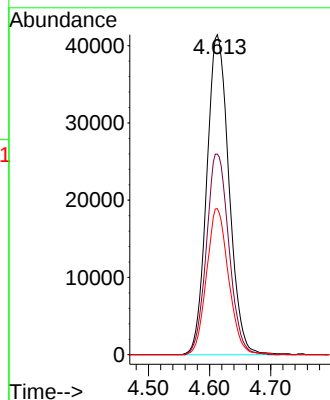
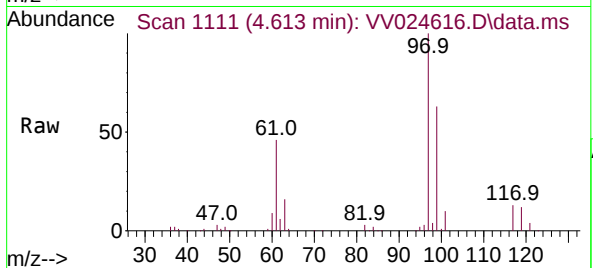
Tgt Ion: 97 Resp: 104660

Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 45.1 33.2 49.8



#30

Cyclohexane

Concen: 4.931 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

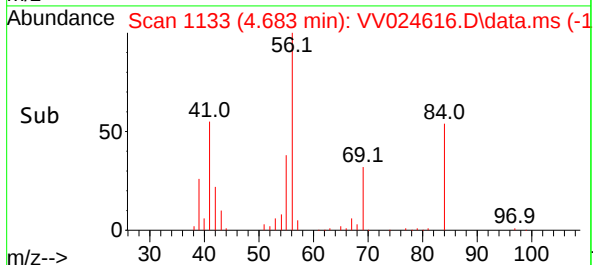
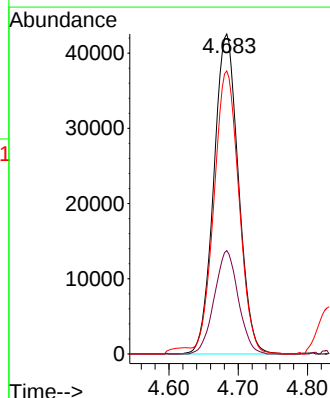
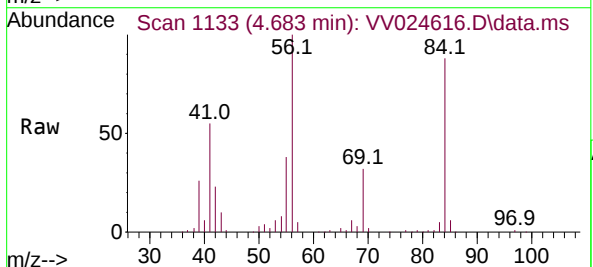
Tgt Ion: 56 Resp: 105262

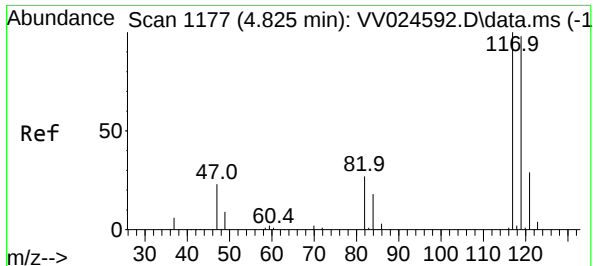
Ion Ratio Lower Upper

56 100

69 31.4 24.8 37.2

84 89.6 75.9 113.9

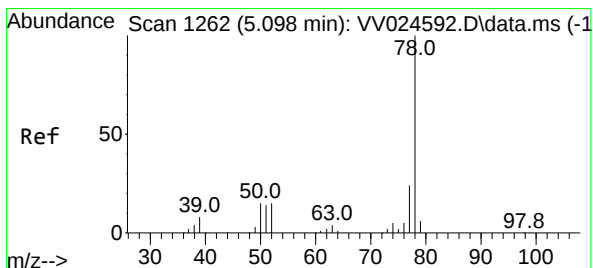
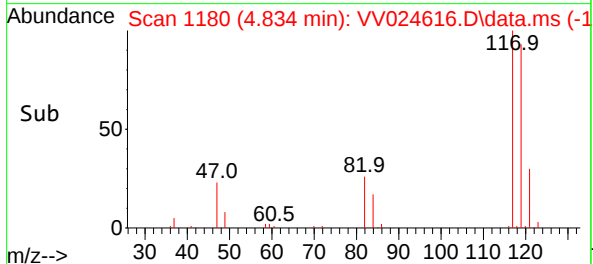
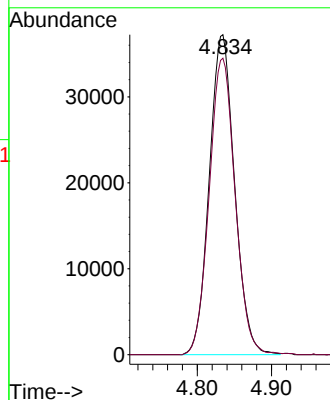
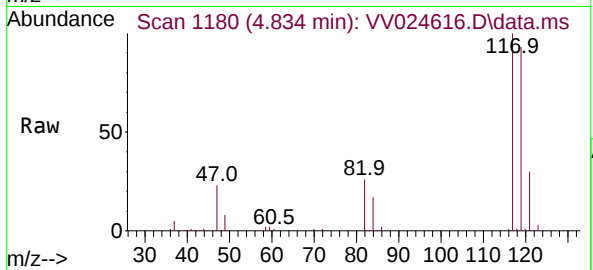




#31
Carbon tetrachloride
Concen: 5.022 ug/L
RT: 4.834 min Scan# 1177
Delta R.T. 0.010 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

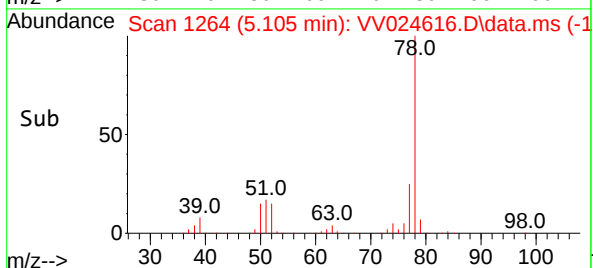
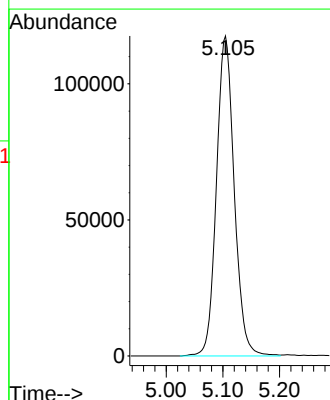
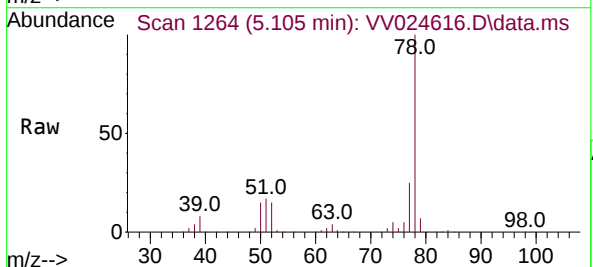
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

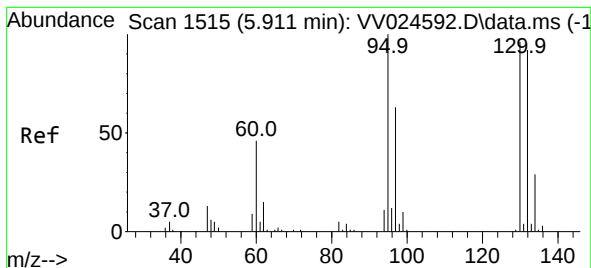
Tgt Ion:117 Resp: 88127
Ion Ratio Lower Upper
117 100
119 94.6 76.6 114.8



#33
Benzene
Concen: 5.202 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.007 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion: 78 Resp: 256454





#34

Trichloroethene

Concen: 5.054 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

GBCW3MSD

Tgt Ion: 95 Resp: 68602

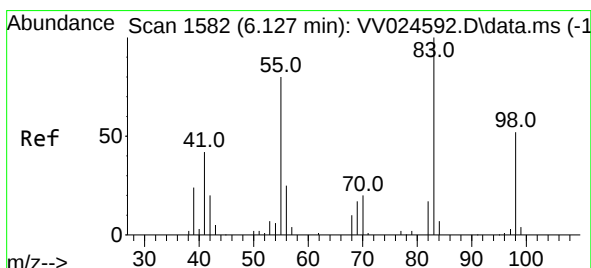
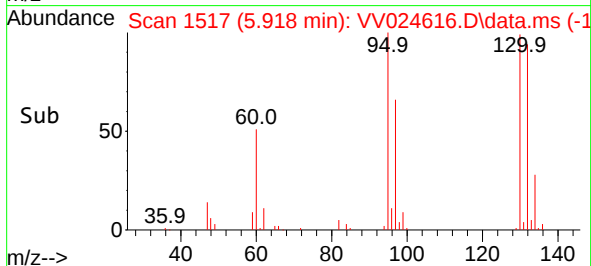
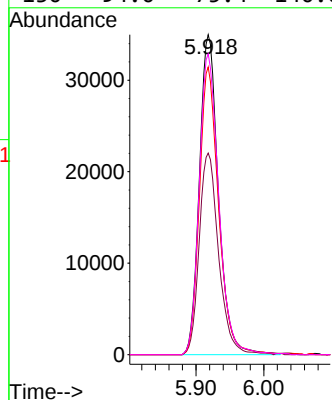
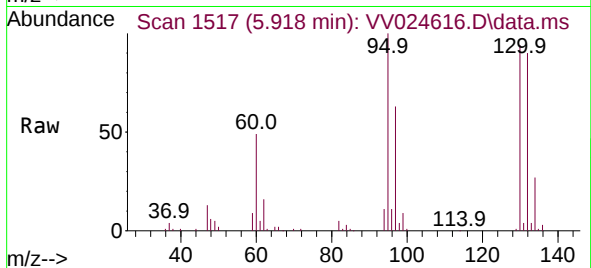
Ion Ratio Lower Upper

95 100

97 63.0 45.2 84.0

132 89.9 76.1 141.3

130 94.0 75.4 140.0



#35

Methylcyclohexane

Concen: 4.921 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

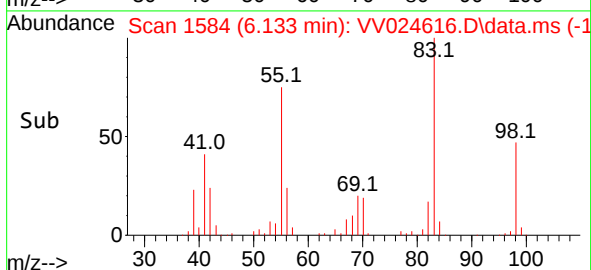
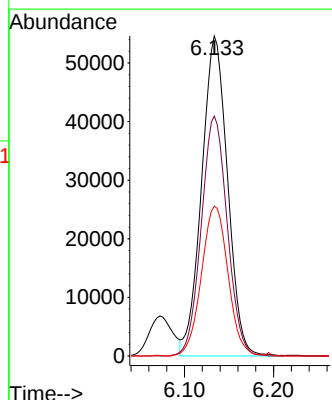
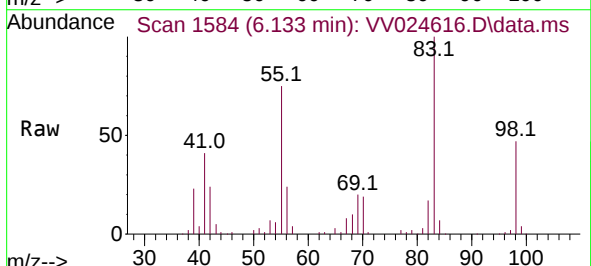
Tgt Ion: 83 Resp: 110514

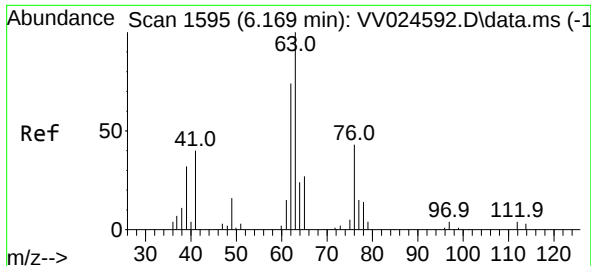
Ion Ratio Lower Upper

83 100

55 75.0 60.2 90.2

98 48.0 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.218 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

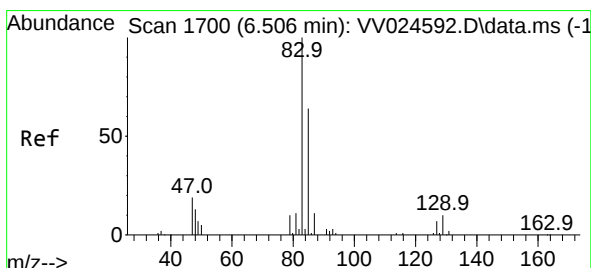
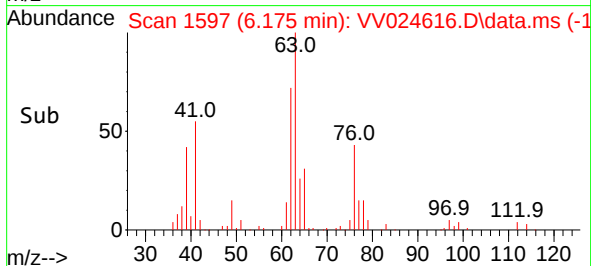
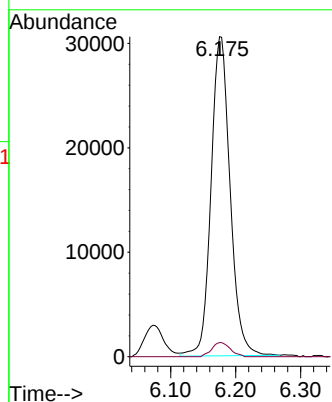
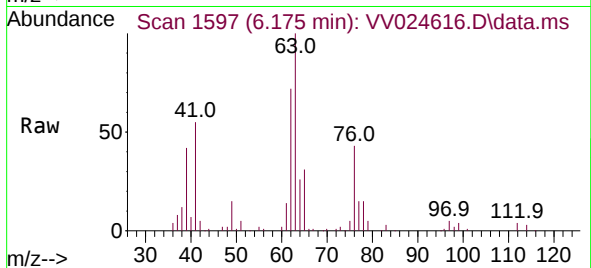
GBCW3MSD

Tgt Ion: 63 Resp: 62355

Ion Ratio Lower Upper

63 100

112 4.3 4.3 6.5#



#38

Bromodichloromethane

Concen: 4.998 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

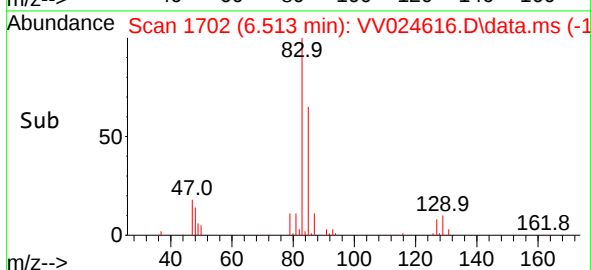
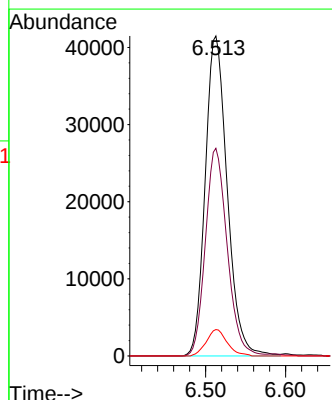
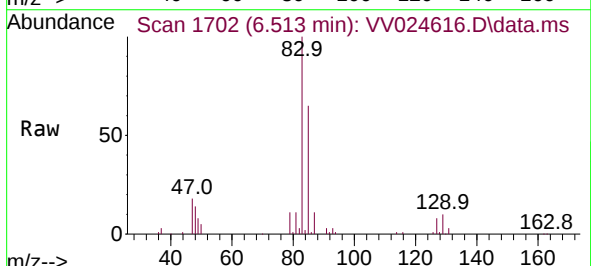
Tgt Ion: 83 Resp: 79381

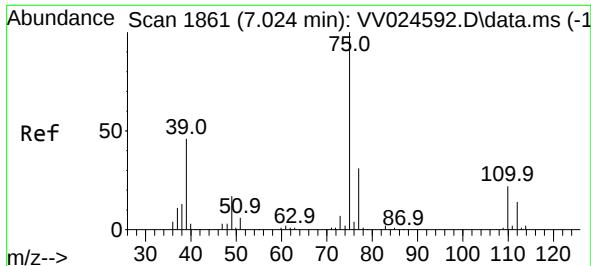
Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.8

127 8.3 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 4.981 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

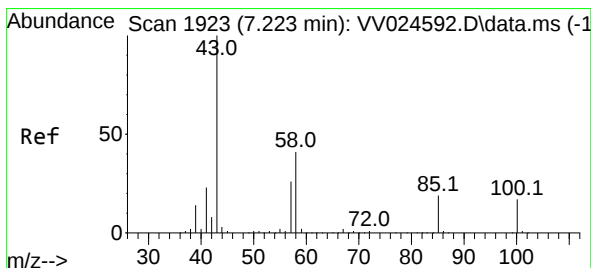
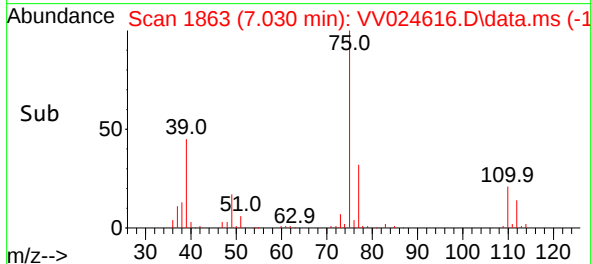
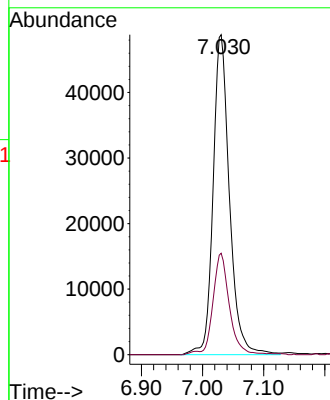
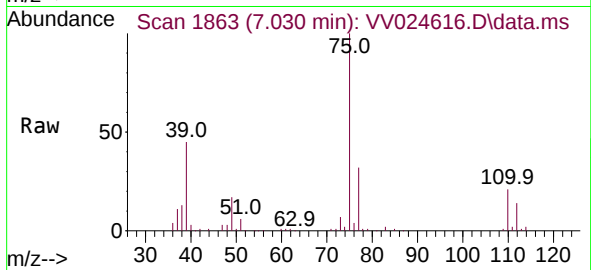
GBCW3MSD

Tgt Ion: 75 Resp: 90691

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 50.509 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

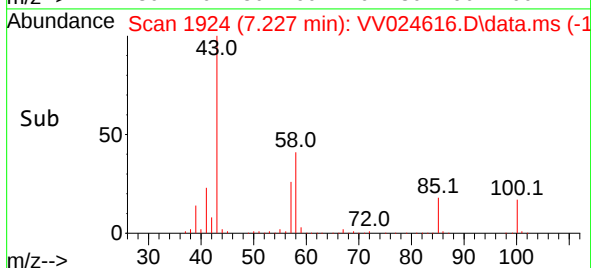
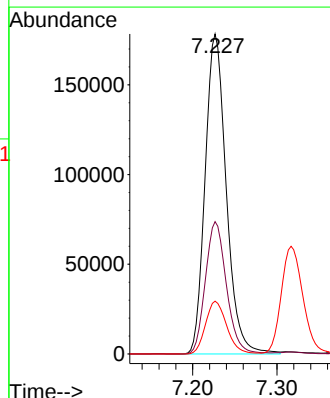
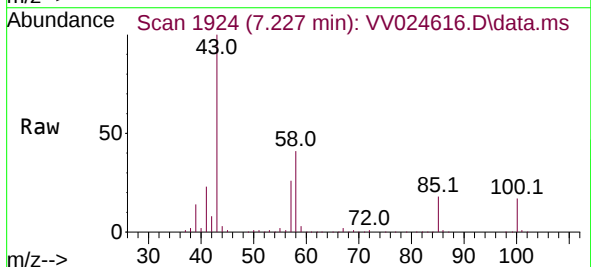
Tgt Ion: 43 Resp: 311455

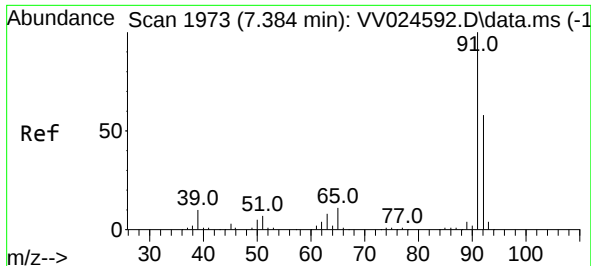
Ion Ratio Lower Upper

43 100

58 41.3 32.3 48.5

100 16.6 13.0 19.6





#42

Toluene

Concen: 5.200 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

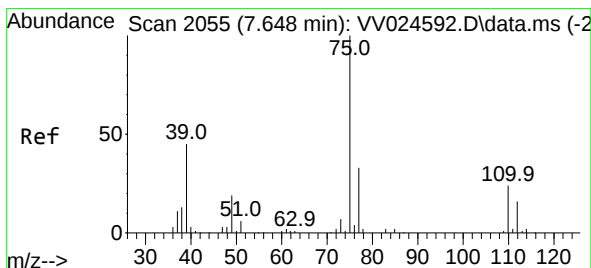
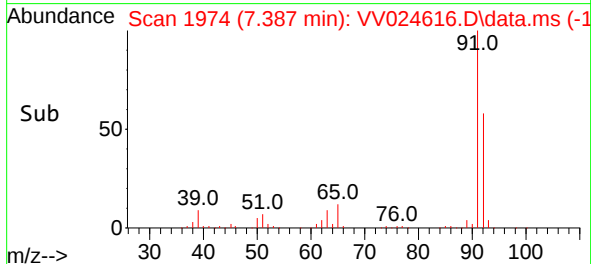
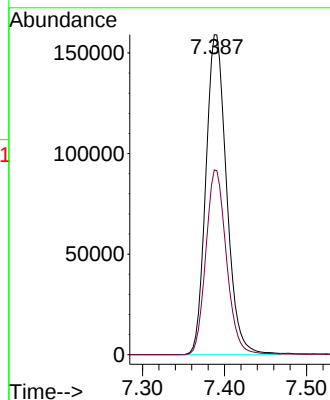
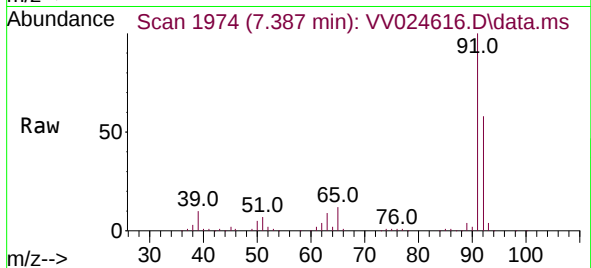
GBCW3MSD

Tgt Ion: 91 Resp: 279261

Ion Ratio Lower Upper

91 100

92 57.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.890 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VV024616.D

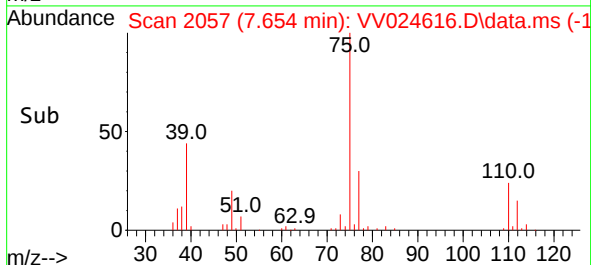
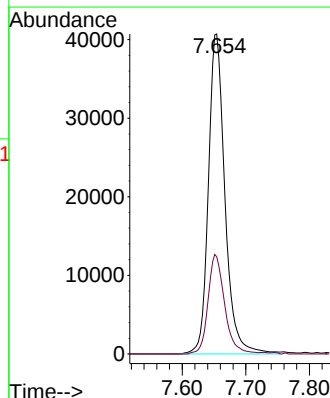
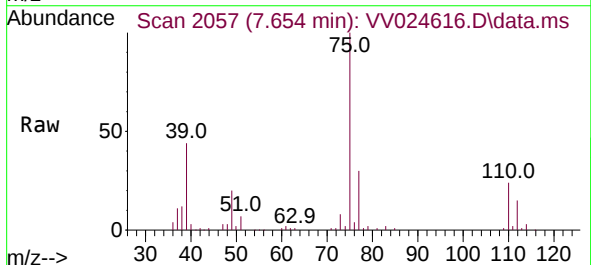
Acq: 11 Feb 2022 20:03

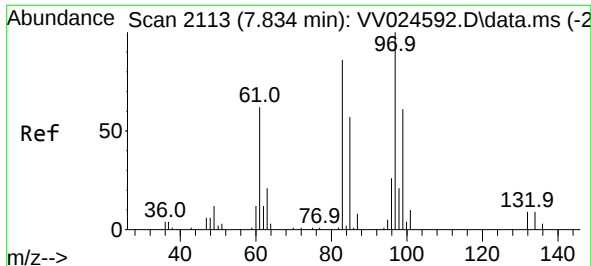
Tgt Ion: 75 Resp: 73544

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.063 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.007 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

GBCW3MSD

Tgt Ion: 97 Resp: 39208

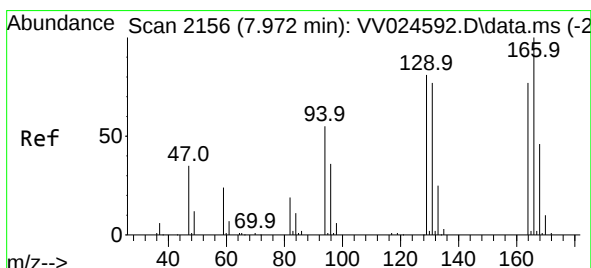
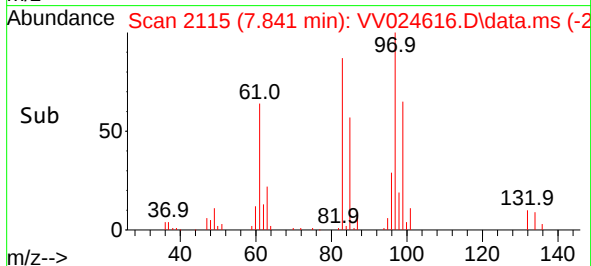
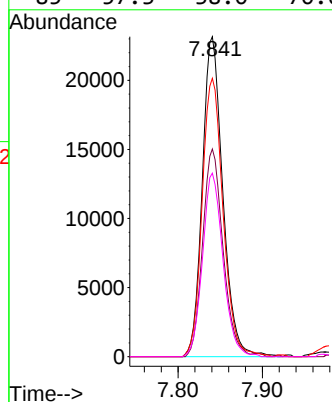
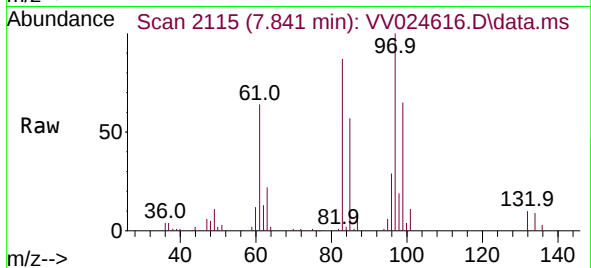
Ion Ratio Lower Upper

97 100

99 64.9 43.1 80.1

83 87.0 57.9 107.5

85 57.3 38.0 70.6



#47

Tetrachloroethene

Concen: 5.011 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Tgt Ion:164 Resp: 45131

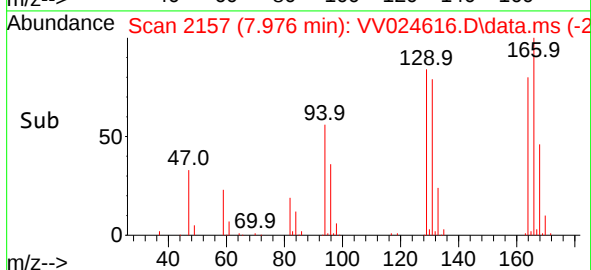
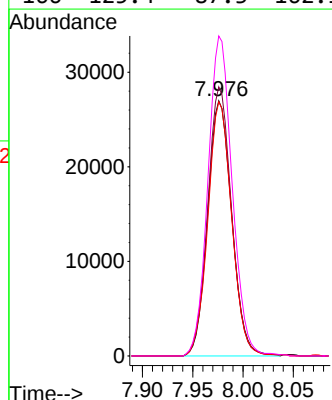
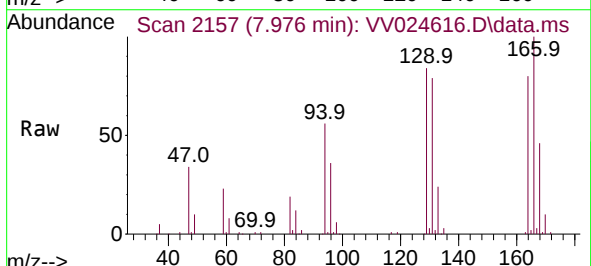
Ion Ratio Lower Upper

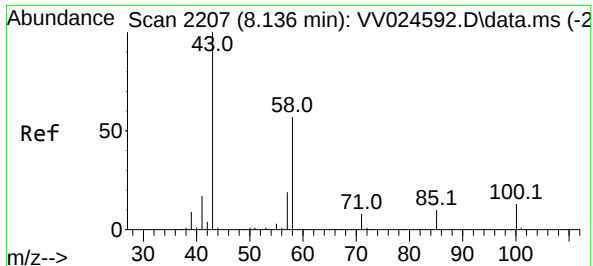
164 100

129 105.5 62.6 116.2

131 99.6 61.0 113.4

166 125.4 87.3 162.1

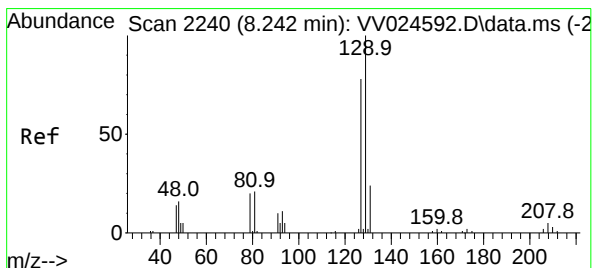
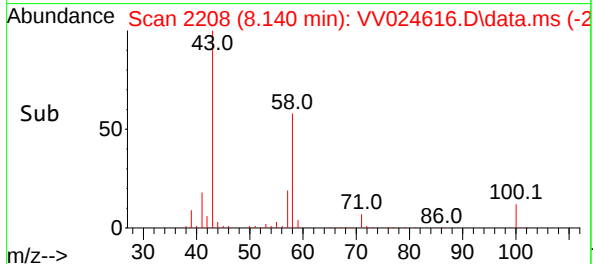
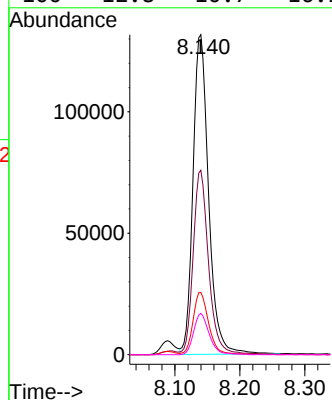
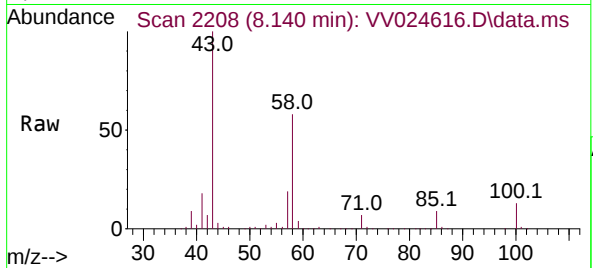




#48
2-Hexanone
Concen: 52.155 ug/L
RT: 8.140 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

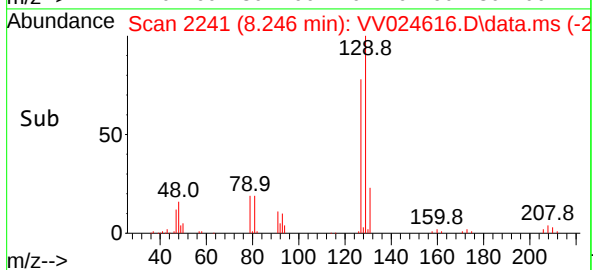
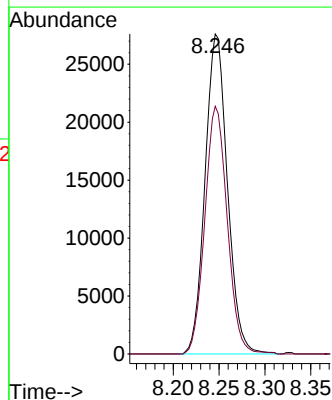
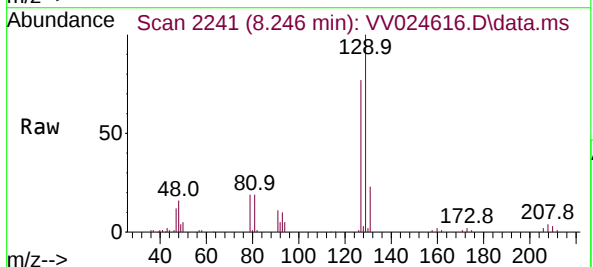
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

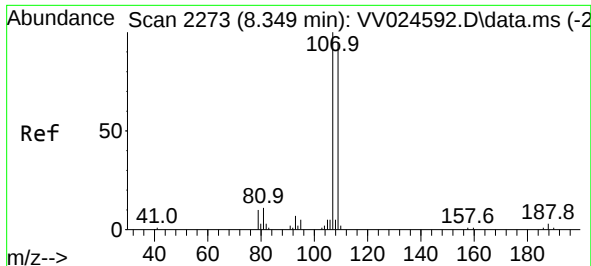
Tgt Ion: 43 Resp: 220146
Ion Ratio Lower Upper
43 100
58 56.9 44.5 66.7
57 19.3 15.1 22.7
100 12.8 10.7 16.1



#49
Dibromochloromethane
Concen: 5.013 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion: 129 Resp: 46873
Ion Ratio Lower Upper
129 100
127 77.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.078 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

GBCW3MSD

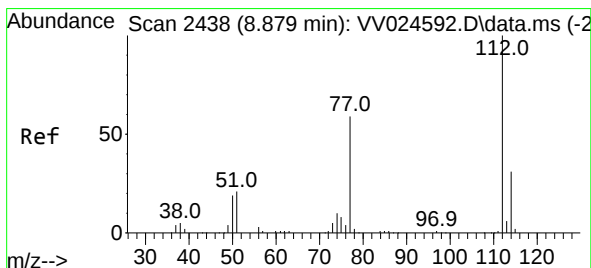
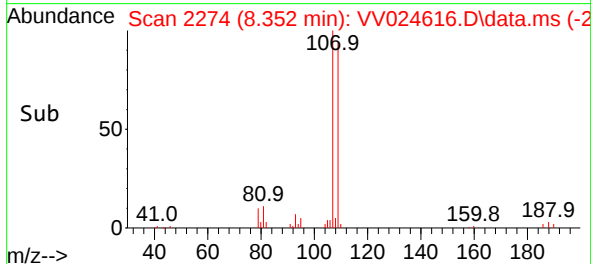
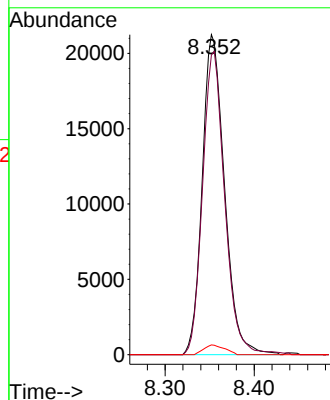
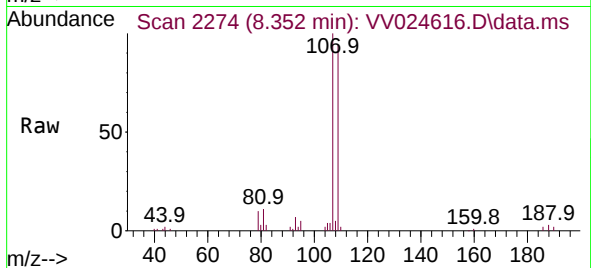
Tgt Ion:107 Resp: 36902

Ion Ratio Lower Upper

107 100

109 93.6 62.5 116.1

188 3.0 3.4 5.2#



#51

Chlorobenzene

Concen: 5.131 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

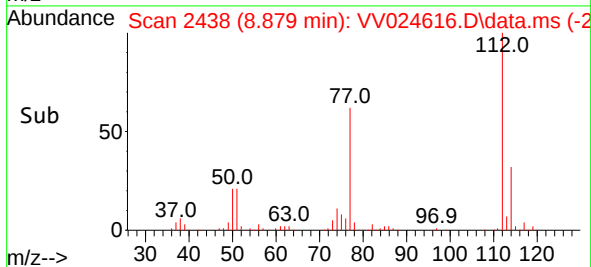
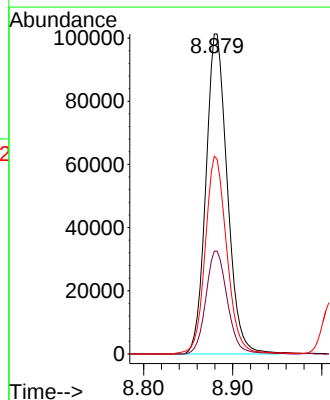
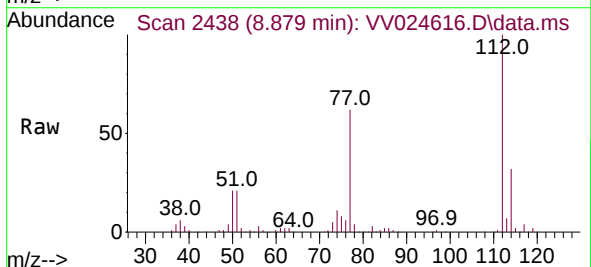
Tgt Ion:112 Resp: 168862

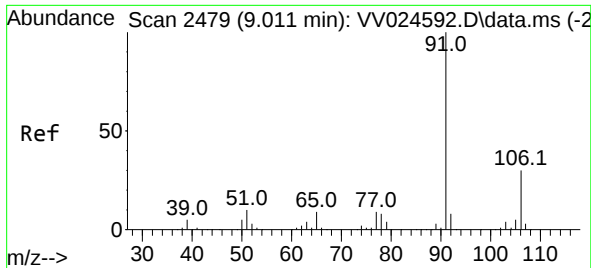
Ion Ratio Lower Upper

112 100

114 32.1 23.3 43.3

77 61.8 43.3 64.9

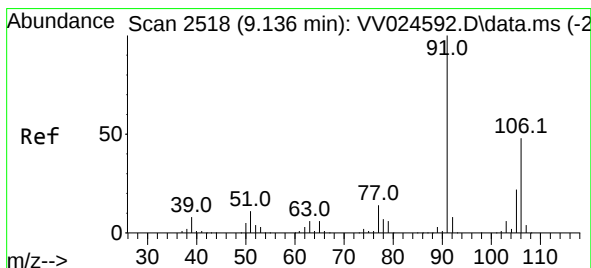
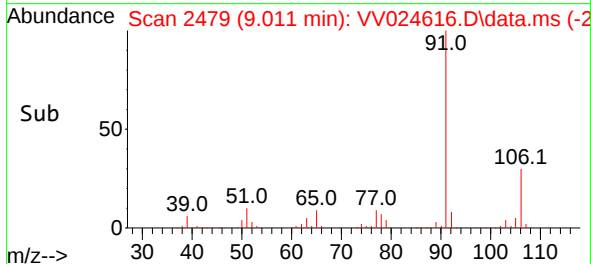
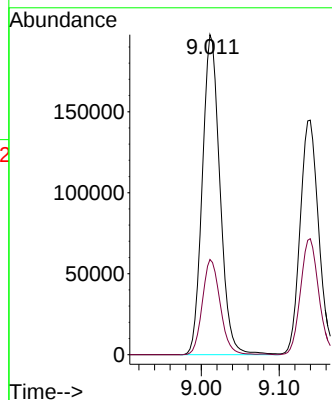
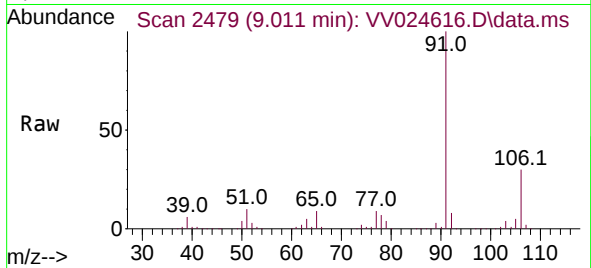




#52
Ethylbenzene
Concen: 5.191 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

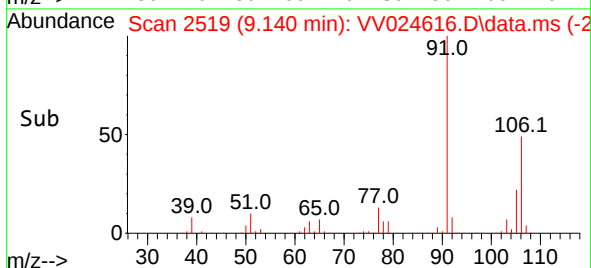
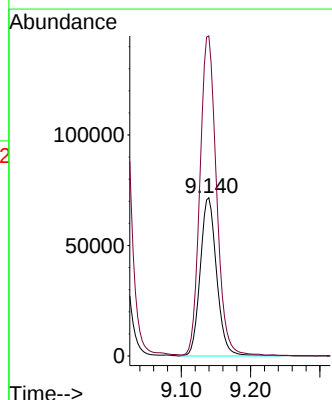
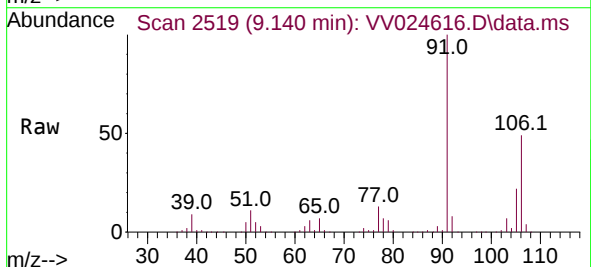
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

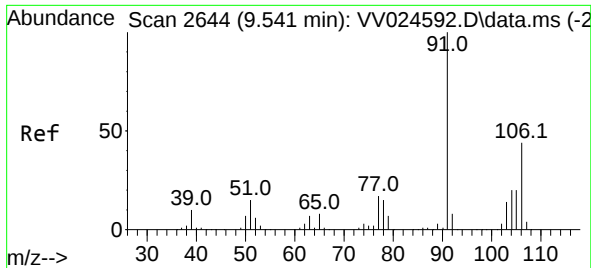
Tgt Ion: 91 Resp: 310208
Ion Ratio Lower Upper
91 100
106 29.7 22.0 41.0



#53
m,p-xylene
Concen: 5.214 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion: 106 Resp: 118012
Ion Ratio Lower Upper
106 100
91 202.3 139.5 259.1

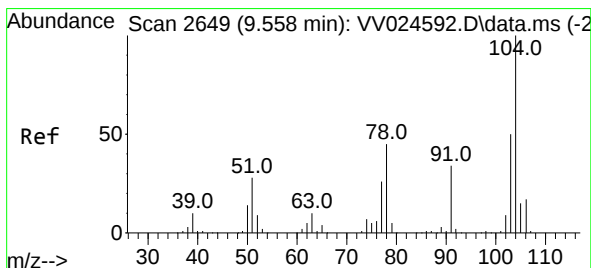
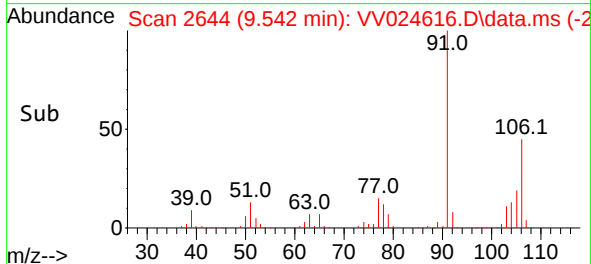
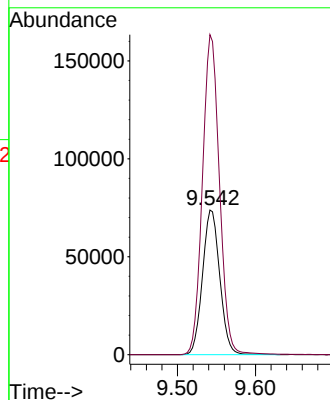
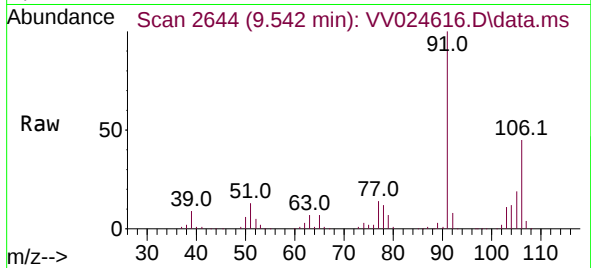




#54
o-xylene
Concen: 5.206 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

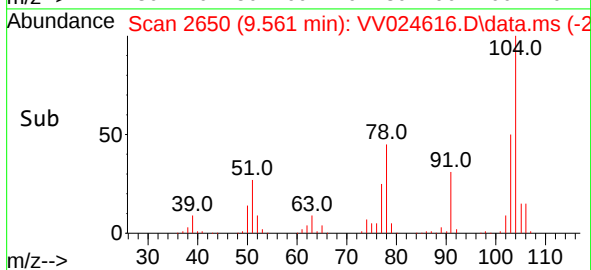
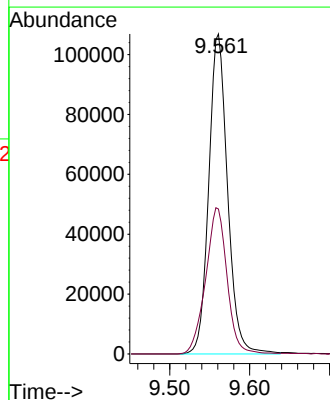
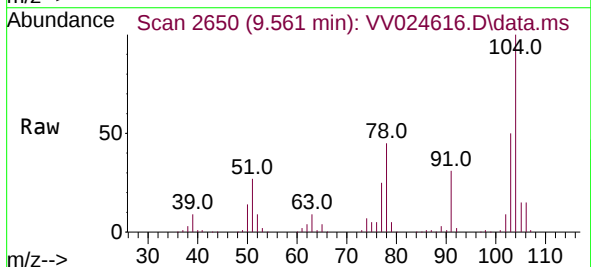
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

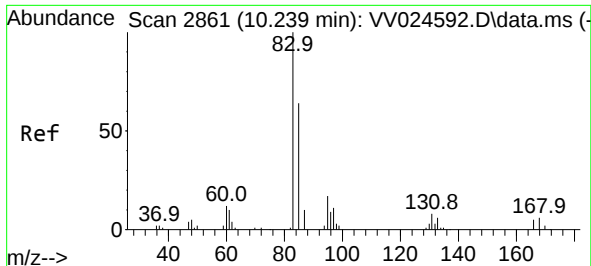
Tgt Ion:106 Resp: 113610
Ion Ratio Lower Upper
106 100
91 221.2 147.9 274.7



#55
Styrene
Concen: 4.880 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion:104 Resp: 174839
Ion Ratio Lower Upper
104 100
78 45.3 31.0 57.6

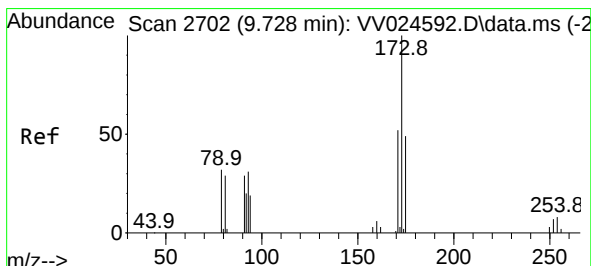
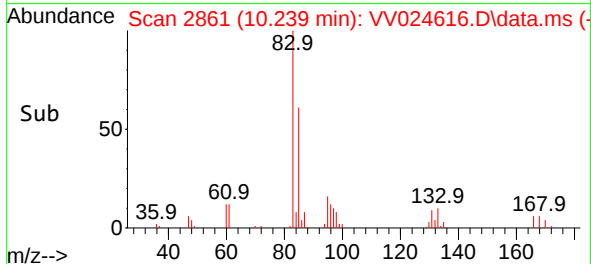
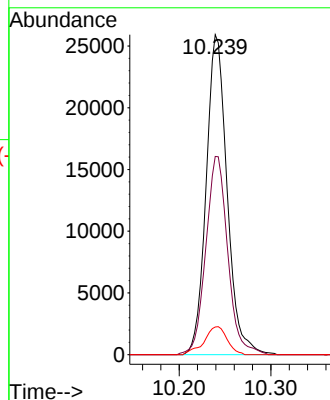
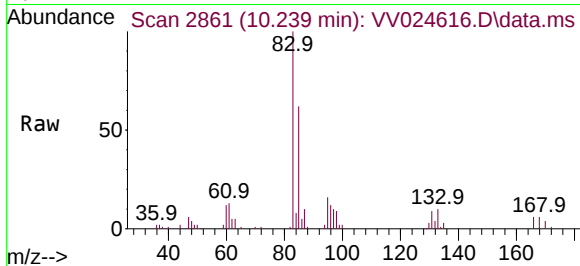




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.248 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

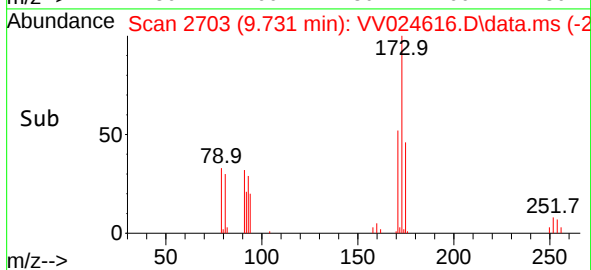
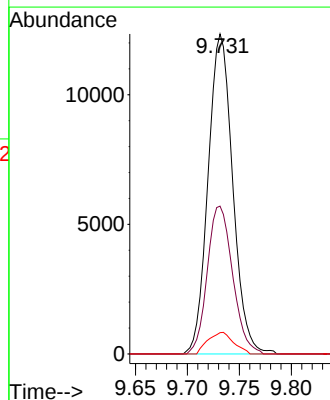
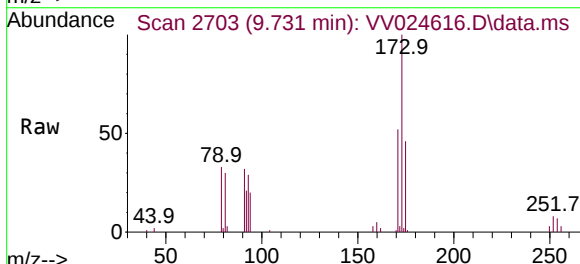
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW3MSD

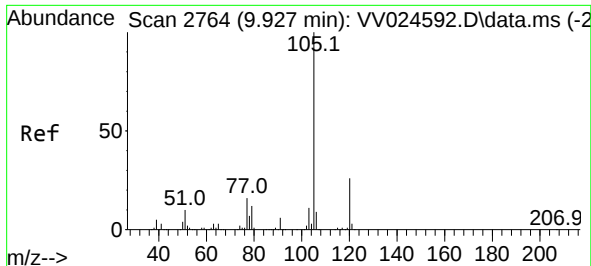
Tgt Ion: 83 Resp: 41160
 Ion Ratio Lower Upper
 83 100
 85 62.0 44.6 82.8
 131 8.7 8.3 12.5



#59
 Bromoform
 Concen: 4.821 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

Tgt Ion: 173 Resp: 20368
 Ion Ratio Lower Upper
 173 100
 175 47.4 39.4 59.2
 254 7.0 7.4 11.0#

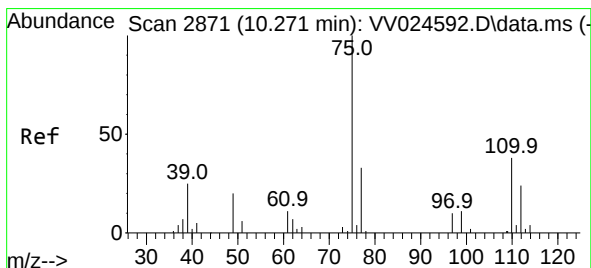
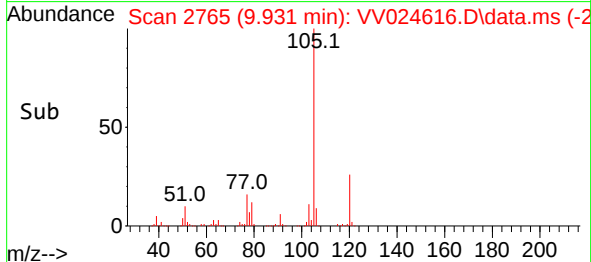
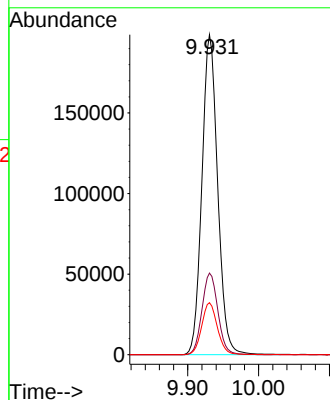
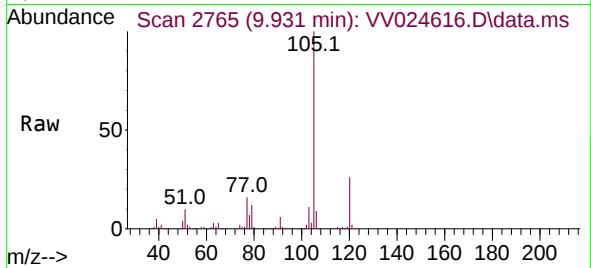




#60
Isopropylbenzene
Concen: 5.109 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

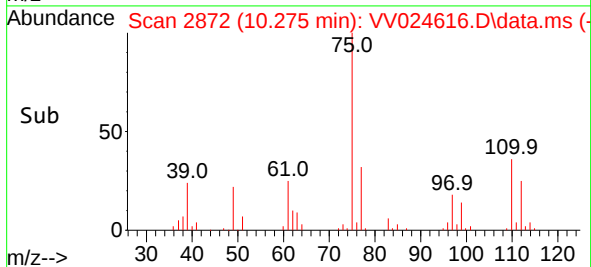
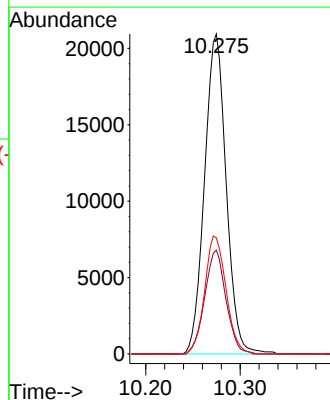
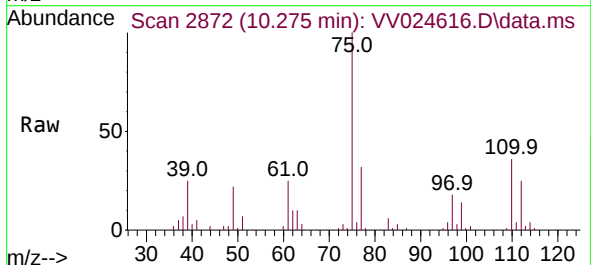
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

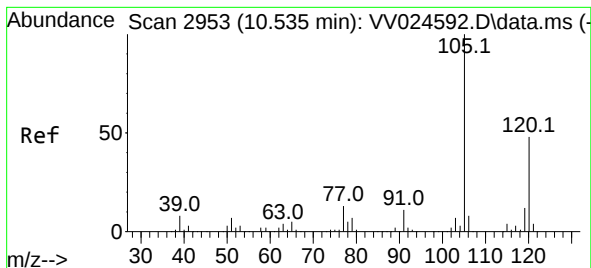
Tgt Ion:105 Resp: 306393
Ion Ratio Lower Upper
105 100
120 25.7 21.4 32.0
77 16.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.109 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion: 75 Resp: 33302
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
110 36.5 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.049 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024616.D

Acq: 11 Feb 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

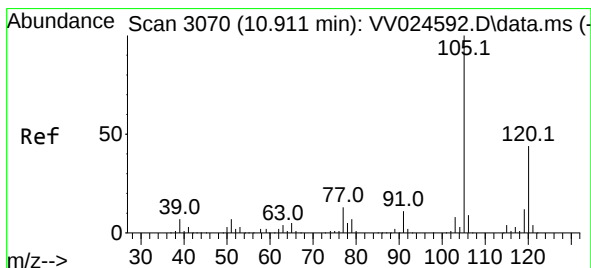
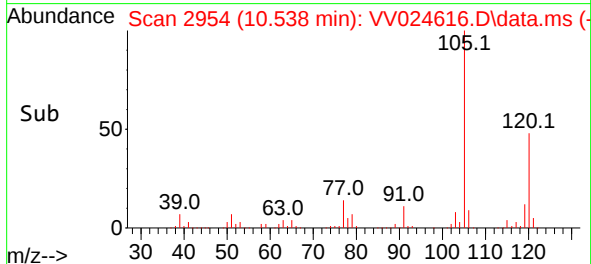
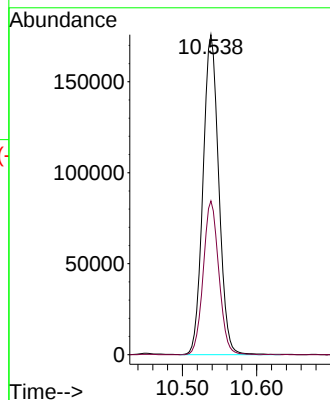
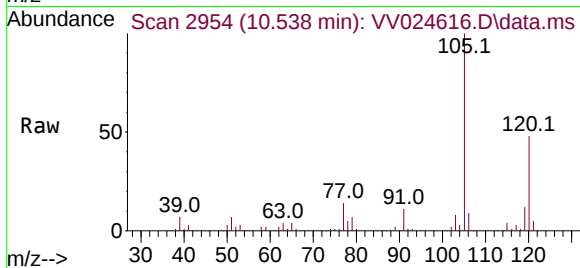
GBCW3MSD

Tgt Ion:105 Resp: 259318

Ion Ratio Lower Upper

105 100

120 47.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.081 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024616.D

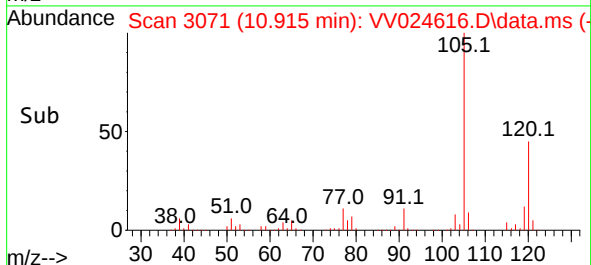
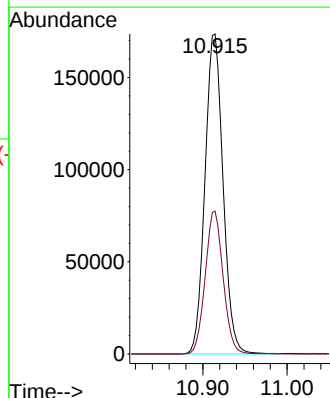
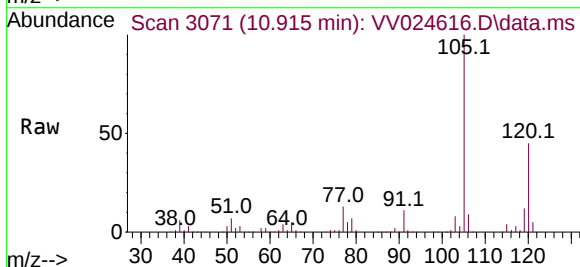
Acq: 11 Feb 2022 20:03

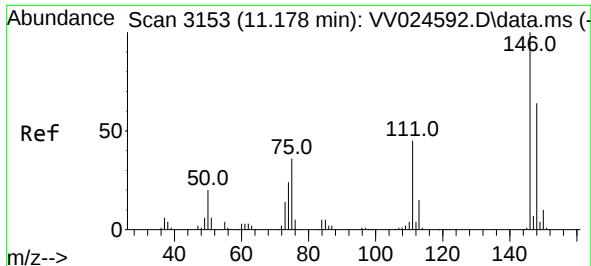
Tgt Ion:105 Resp: 259405

Ion Ratio Lower Upper

105 100

120 44.4 36.7 55.1

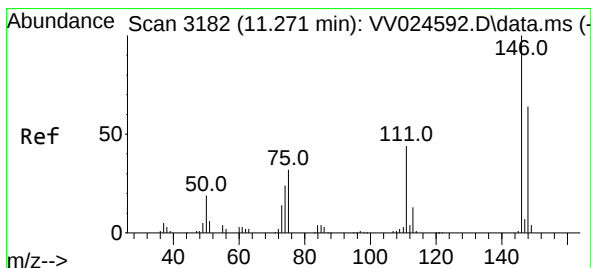
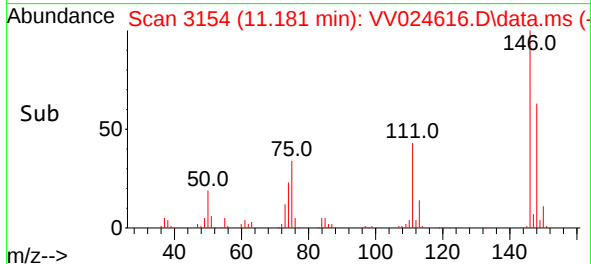
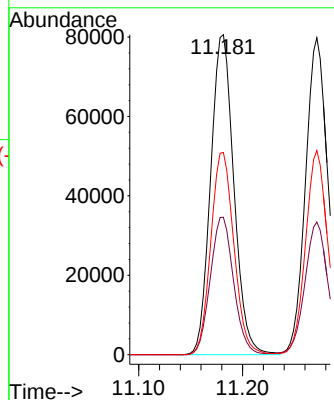
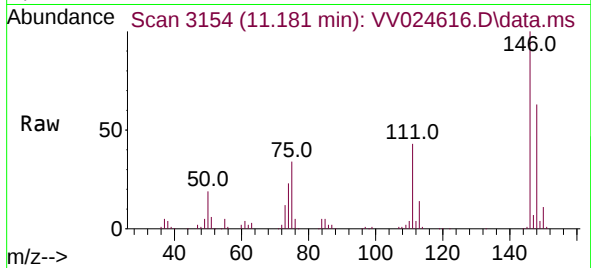




#64
1,3-Dichlorobenzene
Concen: 5.127 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

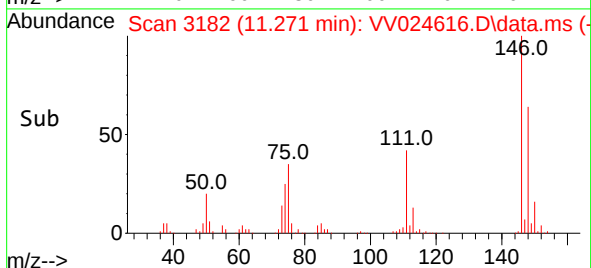
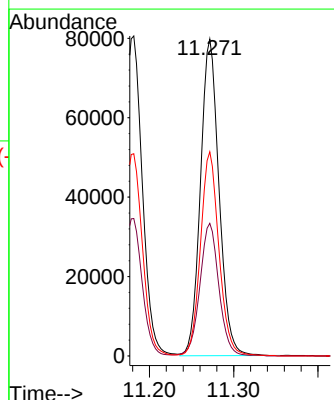
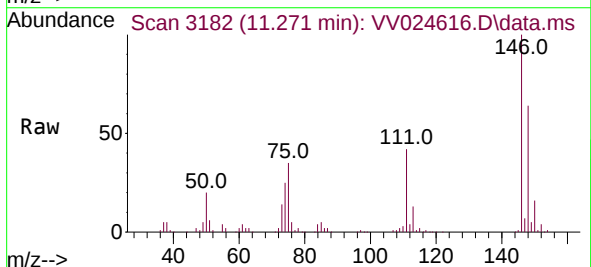
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

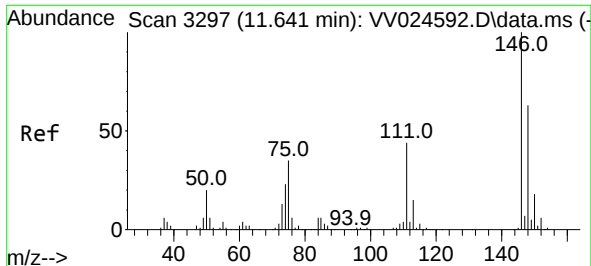
Tgt Ion:146 Resp: 125171
Ion Ratio Lower Upper
146 100
111 42.9 26.3 48.9
148 63.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.038 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion:146 Resp: 122166
Ion Ratio Lower Upper
146 100
111 41.8 25.6 47.6
148 64.4 44.8 83.2

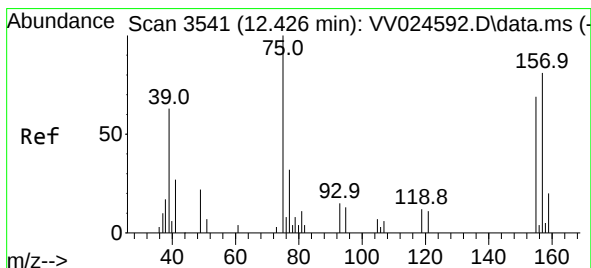
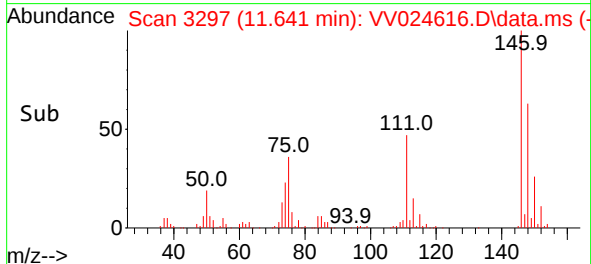
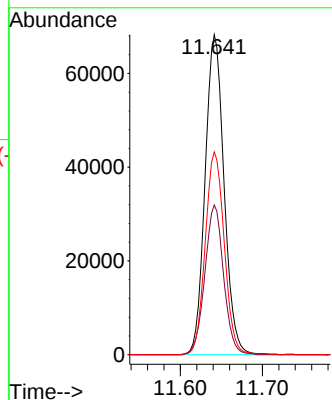
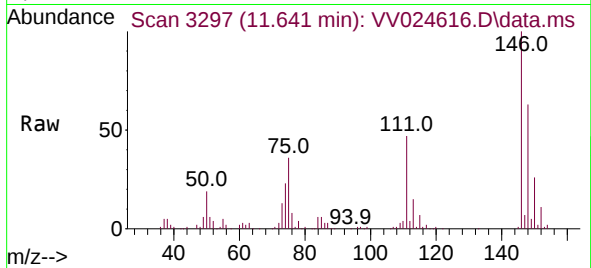




#67
1,2-Dichlorobenzene
Concen: 5.064 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

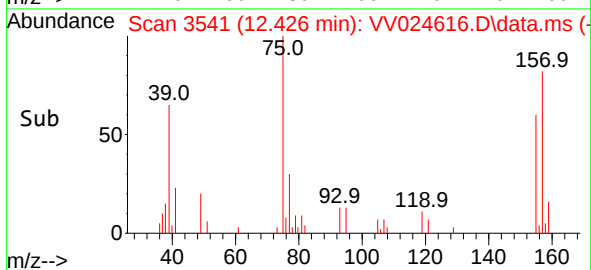
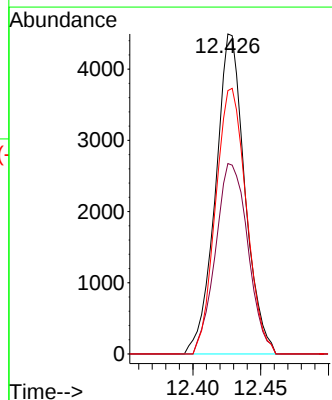
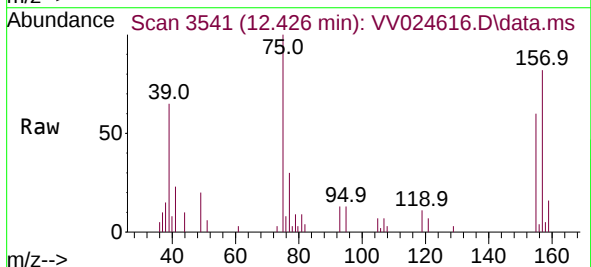
Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

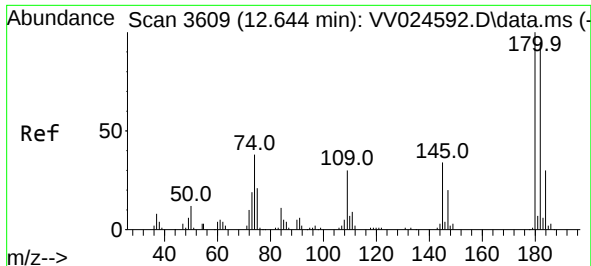
Tgt Ion:146 Resp: 109749
Ion Ratio Lower Upper
146 100
111 46.8 31.9 47.9
148 63.4 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.338 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion: 75 Resp: 6759
Ion Ratio Lower Upper
75 100
155 59.5 71.7 107.5#
157 82.3 103.3 154.9#

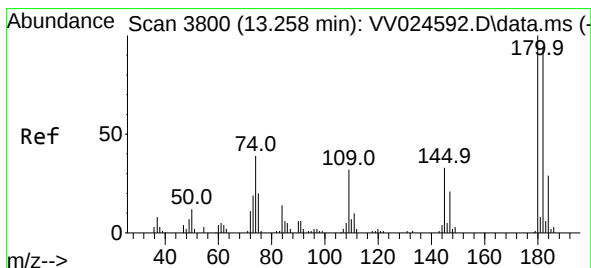
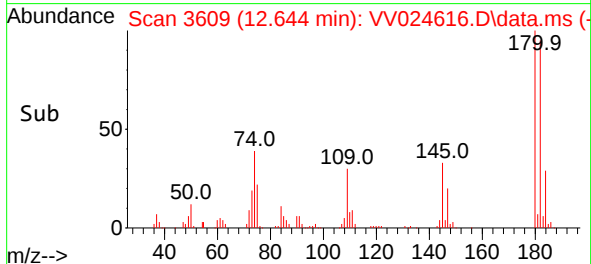
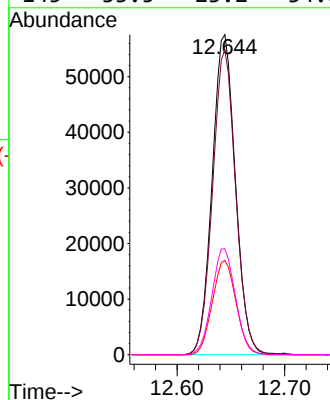
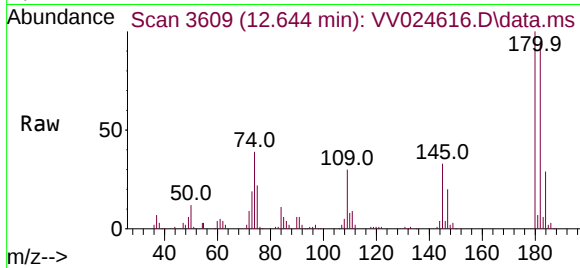




#69
 1,3,5-Trichlorobenzene
 Concen: 4.975 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

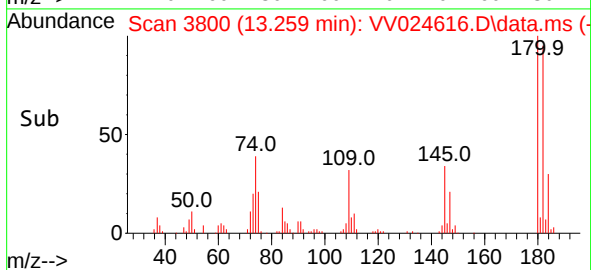
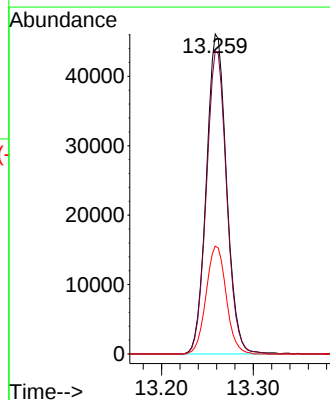
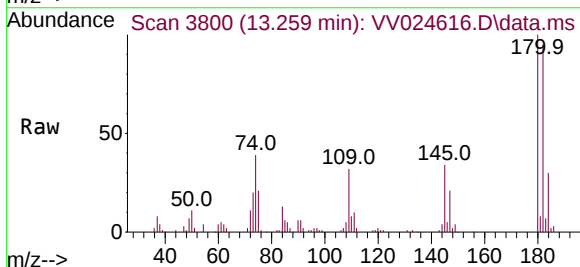
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW3MSD

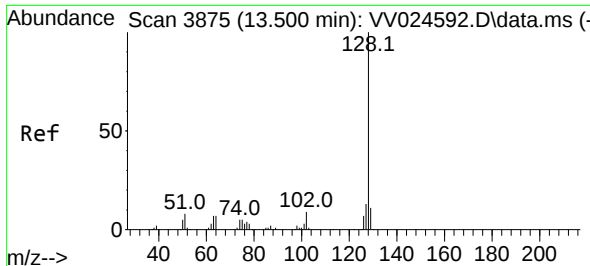
Tgt Ion:180 Resp: 86411
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.4 114.6
 184 30.0 24.2 36.4
 145 33.5 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.032 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024616.D
 Acq: 11 Feb 2022 20:03

Tgt Ion:180 Resp: 70580
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.4 111.6
 145 33.5 23.3 34.9

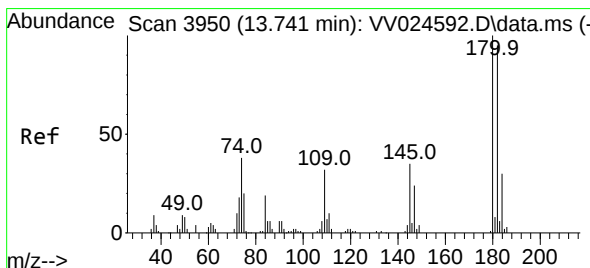
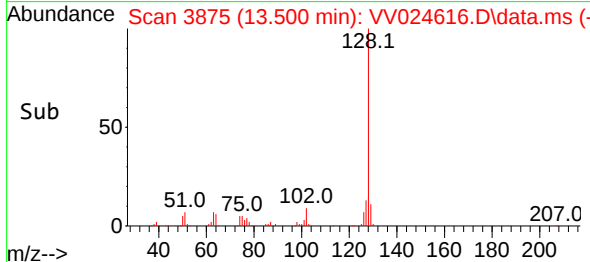
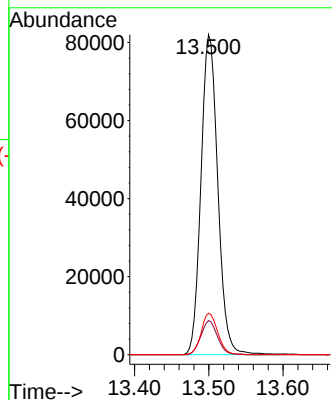
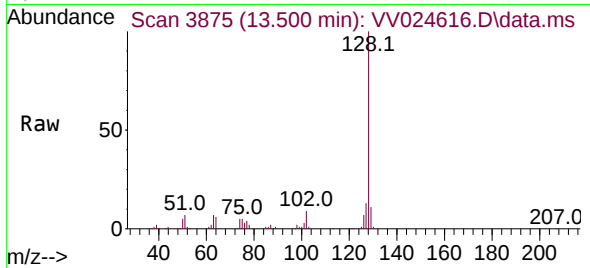




#71
Naphthalene
Concen: 5.078 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :
GBCW3MSD

Tgt Ion:128 Resp: 128997
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.968 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024616.D
Acq: 11 Feb 2022 20:03

Tgt Ion:180 Resp: 58600
Ion Ratio Lower Upper
180 100
182 96.3 76.8 115.2
145 38.0 25.8 38.6

