

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027501.D
 Acq On : 17 Mar 2022 20:57
 Operator : JC/MD
 Sample : N1997-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106S

Quant Time: Mar 18 02:07:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

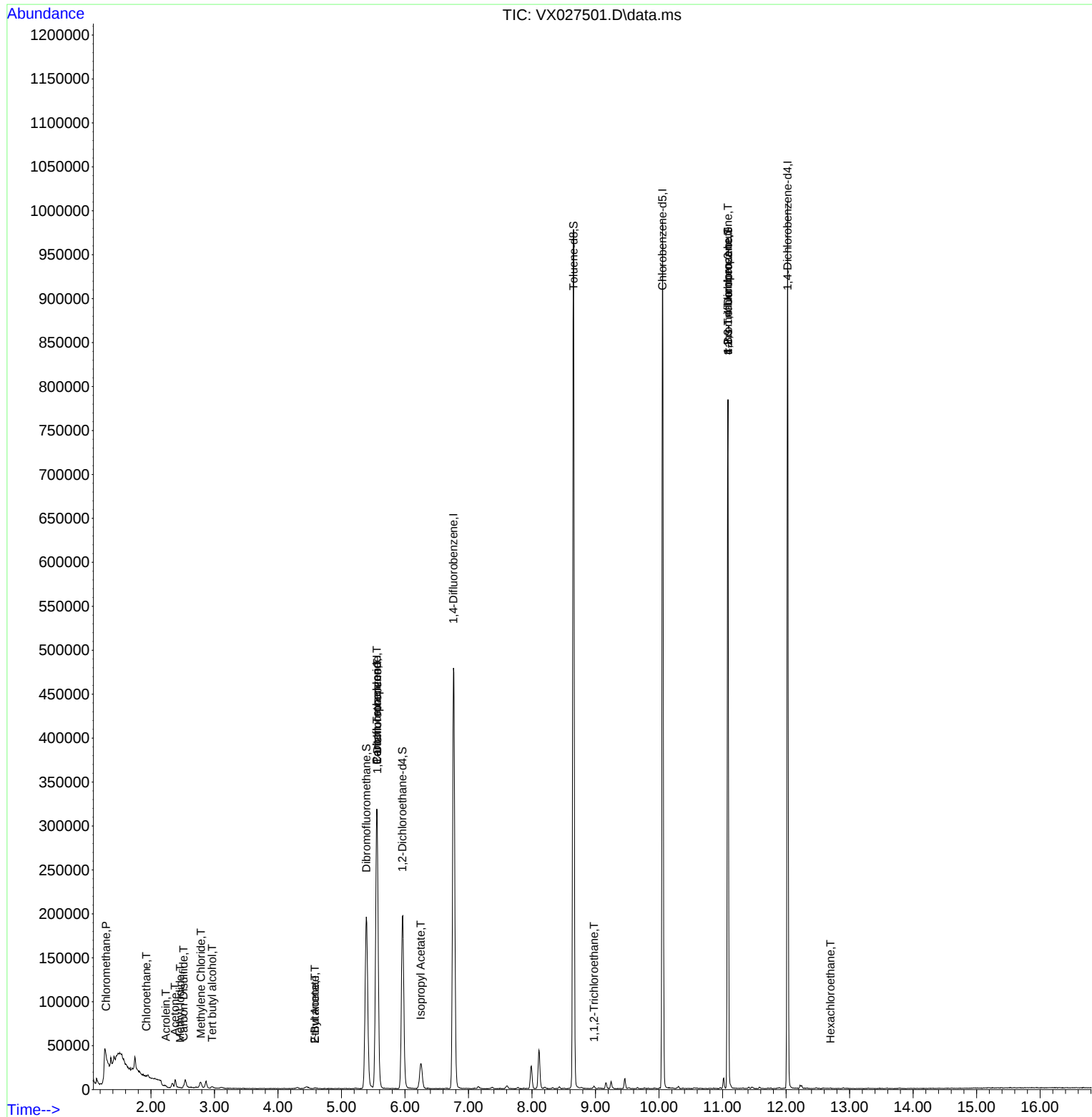
Internal Standards						
1) Pentafluorobenzene	5.556	168	309192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200377	52.607	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.220%
35) Dibromofluoromethane	5.391	113	171912	52.137	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.280%
50) Toluene-d8	8.653	98	595048	47.690	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.380%
62) 4-Bromofluorobenzene	11.085	95	210809	45.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	3081	1.169	ug/l #	70
5) Bromomethane	1.617	94	733	Below Cal		98
6) Chloroethane	1.928	64	566	0.303	ug/l #	51
10) Methyl Iodide	2.459	142	944	0.238	ug/l #	90
11) Tert butyl alcohol	2.965	59	1851	2.550	ug/l	95
13) Acrolein	2.233	56	148	0.263	ug/l #	1
16) Acetone	2.380	43	9070	5.842	ug/l	96
17) Carbon Disulfide	2.514	76	4643	0.636	ug/l #	81
20) Methylene Chloride	2.788	84	784	0.235	ug/l #	60
25) 2-Butanone	4.580	43	1328	0.569	ug/l #	79
36) 1,1-Dichloropropene	5.562	75	22277	4.944	ug/l #	50
37) Ethyl Acetate	4.580	43	1328	0.296	ug/l #	65
38) Carbon Tetrachloride	5.556	117	31448	6.100	ug/l #	16
43) Isopropyl Acetate	6.245	43	6898	0.955	ug/l #	56
55) 1,1,2-Trichloroethane	8.976	97	808	0.229	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	105189	24.374	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	105189	74.023	ug/l #	15
90) Hexachloroethane	12.701	117	451	0.217	ug/l #	10

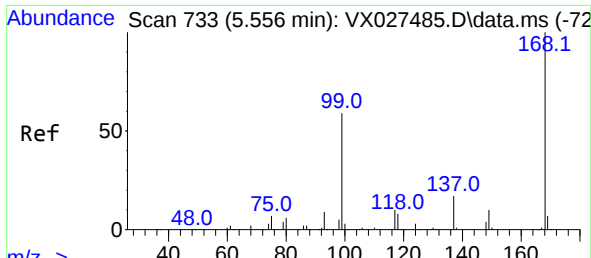
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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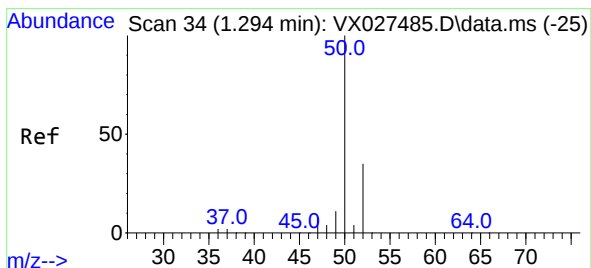
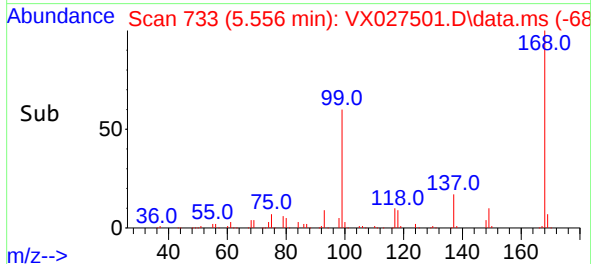
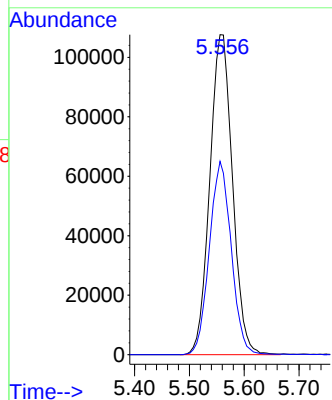
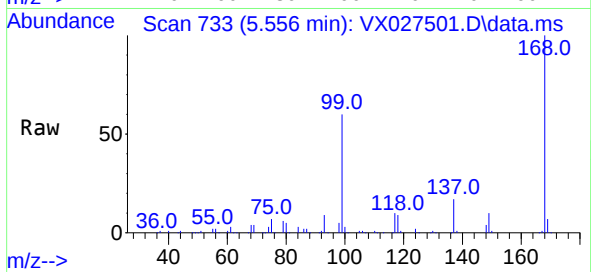




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

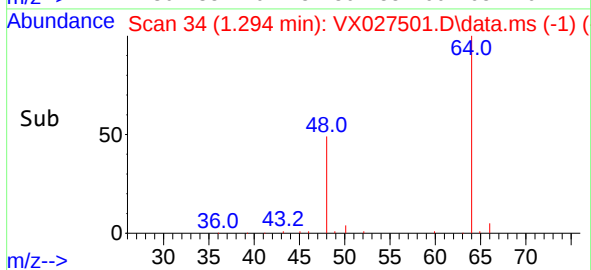
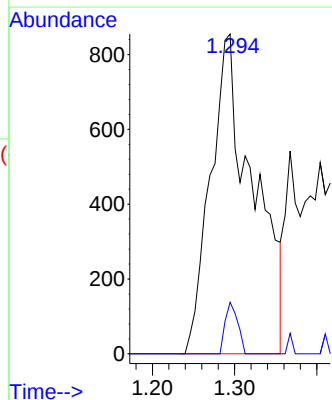
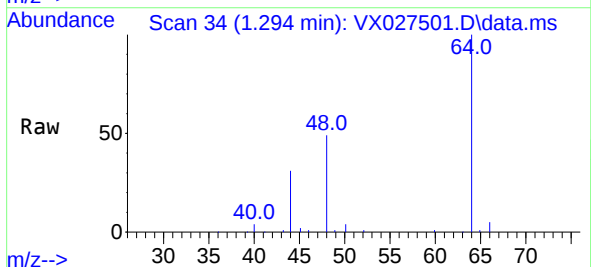
Instrument :
MSVOA_X
ClientSampleId :
MW-106S

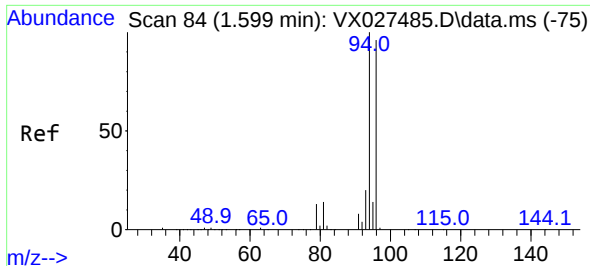
Tgt Ion:168 Resp: 309192
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#3
Chloromethane
Concen: 1.169 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 50 Resp: 3081
Ion Ratio Lower Upper
50 100
52 16.1 26.4 39.6#

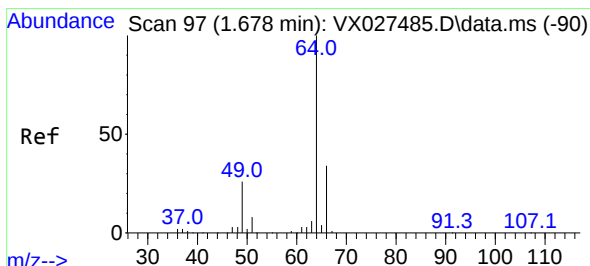
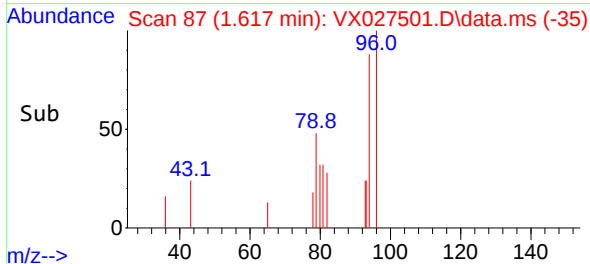
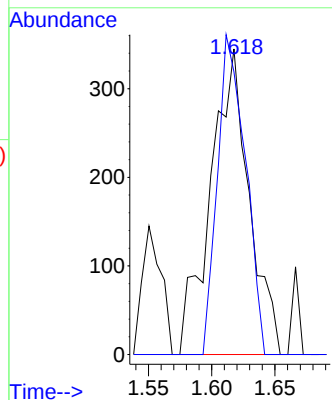
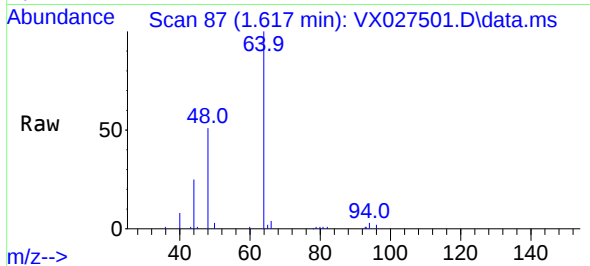




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

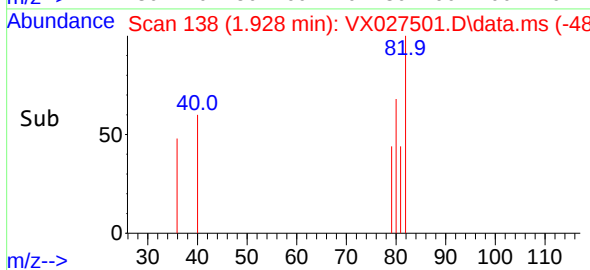
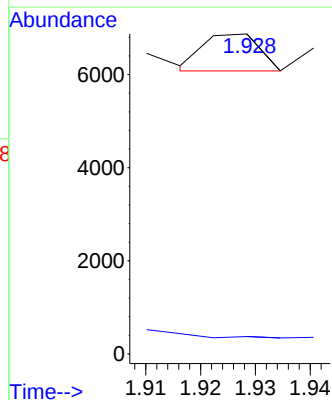
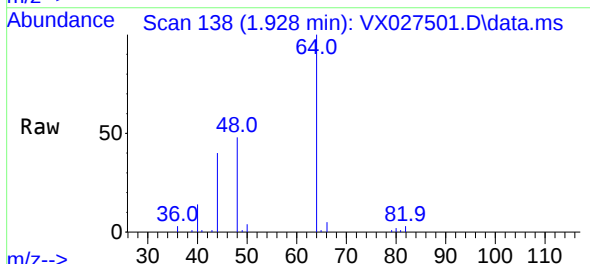
Instrument :
MSVOA_X
ClientSampleId :
MW-106S

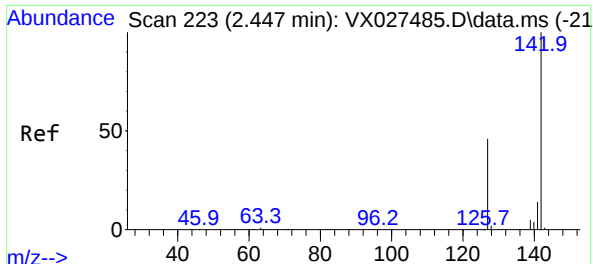
Tgt Ion: 94 Resp: 733
Ion Ratio Lower Upper
94 100
96 92.5 75.3 112.9



#6
Chloroethane
Concen: 0.303 ug/l
RT: 1.928 min Scan# 138
Delta R.T. 0.250 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 64 Resp: 566
Ion Ratio Lower Upper
64 100
66 4.2 25.3 37.9#

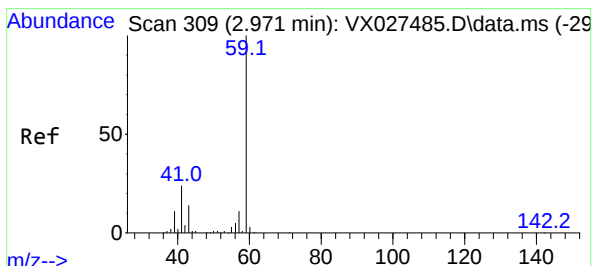
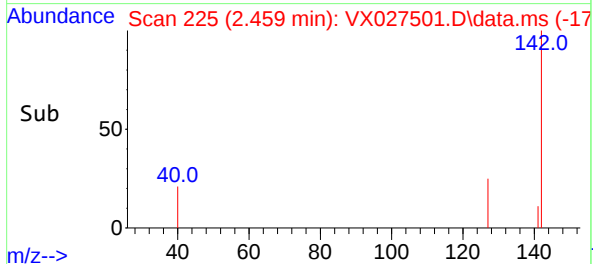
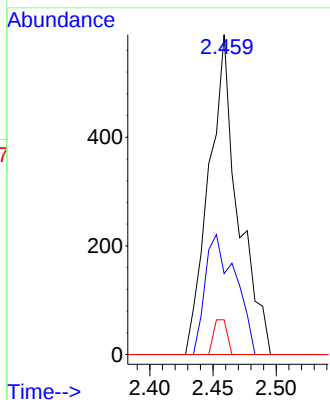
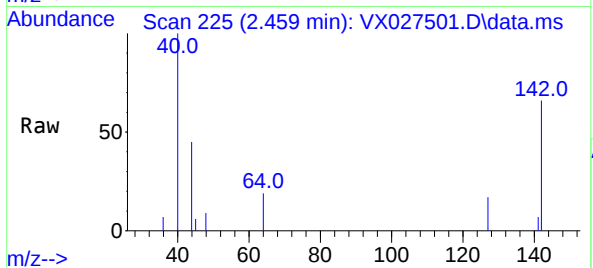




#10
Methyl Iodide
Concen: 0.238 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

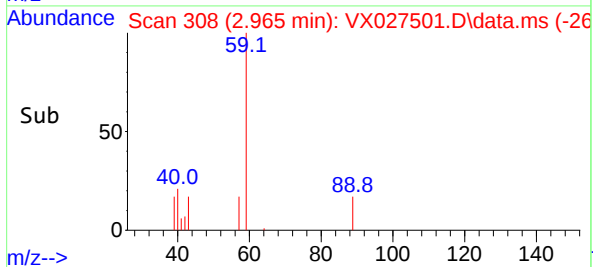
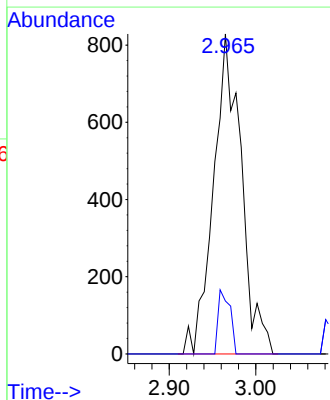
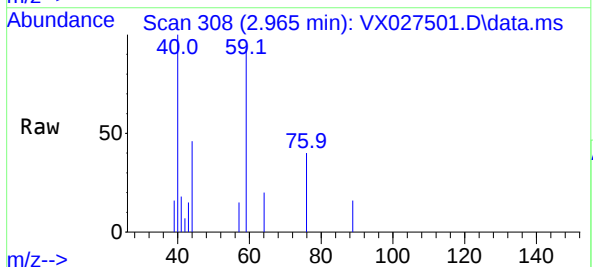
Instrument :
MSVOA_X
ClientSampleId :
MW-106S

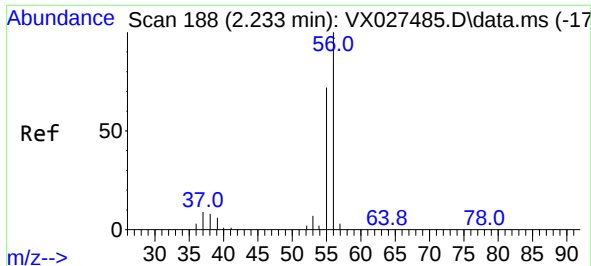
Tgt Ion:142 Resp: 944
Ion Ratio Lower Upper
142 100
127 38.9 33.9 50.9
141 5.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.550 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 59 Resp: 1851
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5

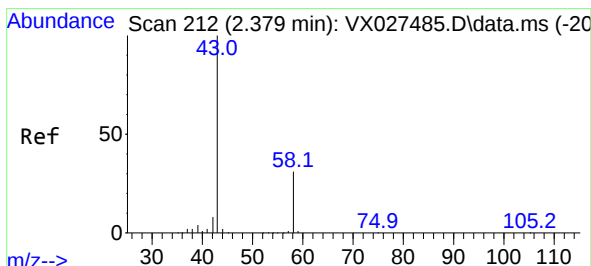
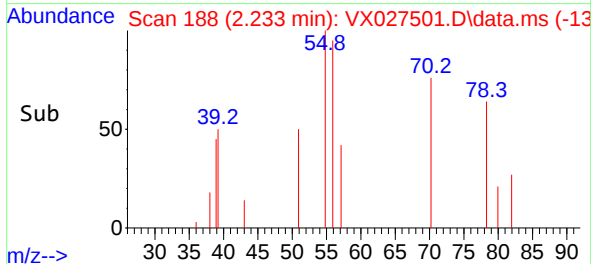
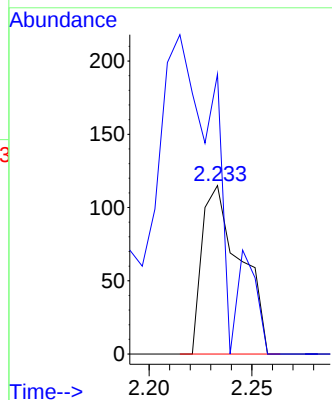
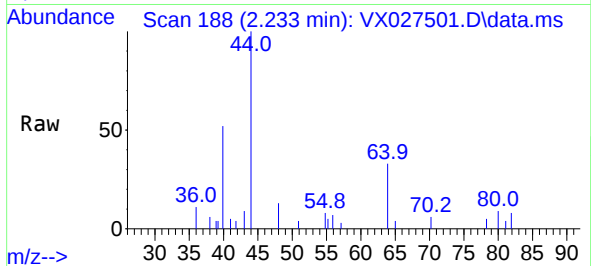




#13
Acrolein
Concen: 0.263 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

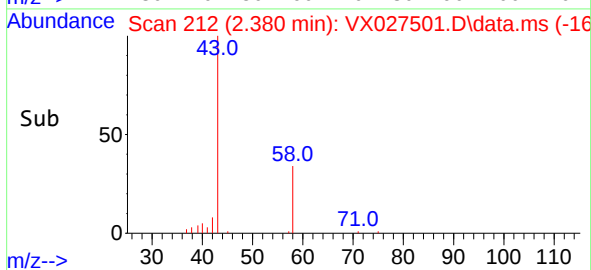
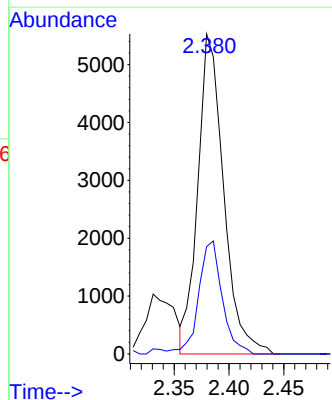
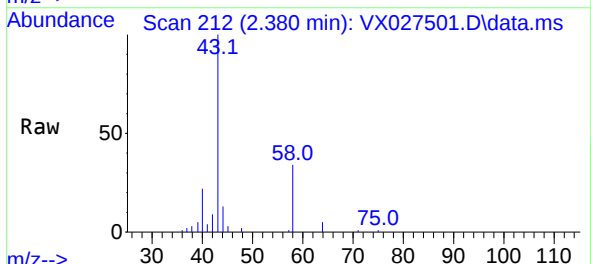
Instrument :
MSVOA_X
ClientSampleId :
MW-106S

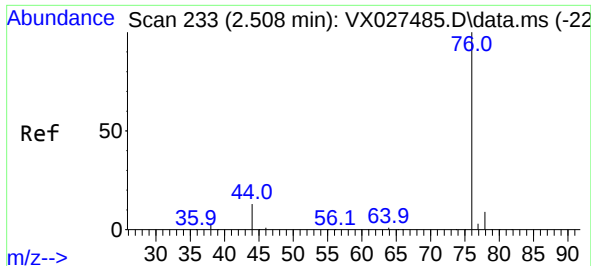
Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 284.5 55.0 82.6#



#16
Acetone
Concen: 5.842 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 43 Resp: 9070
Ion Ratio Lower Upper
43 100
58 33.5 28.8 43.2

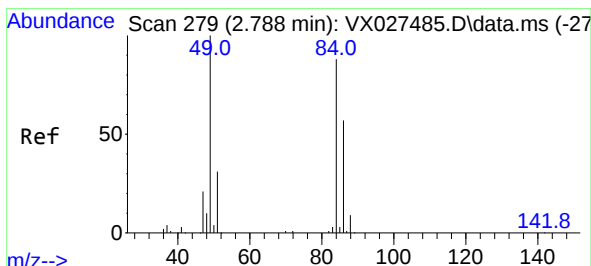
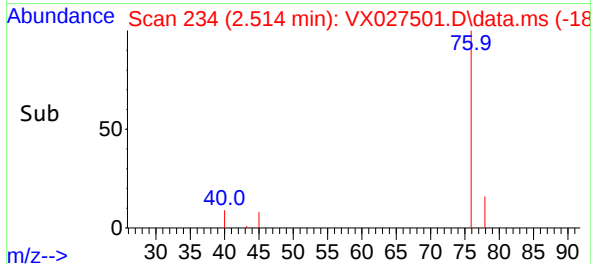
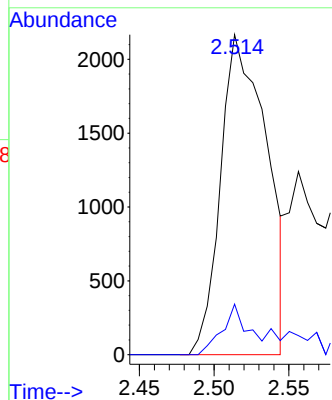
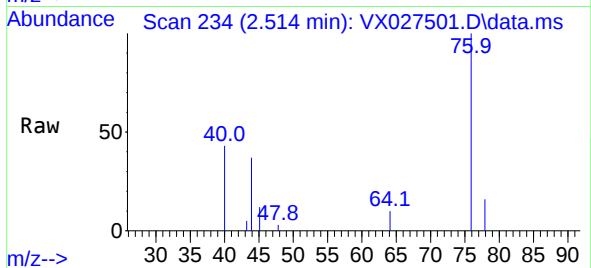




#17
Carbon Disulfide
Concen: 0.636 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

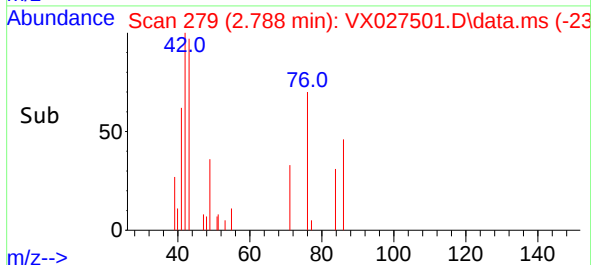
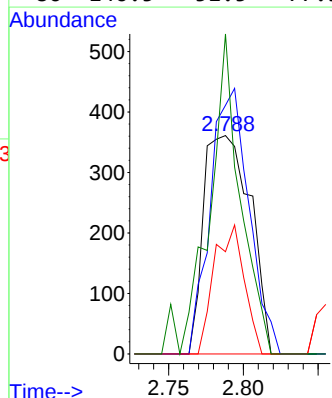
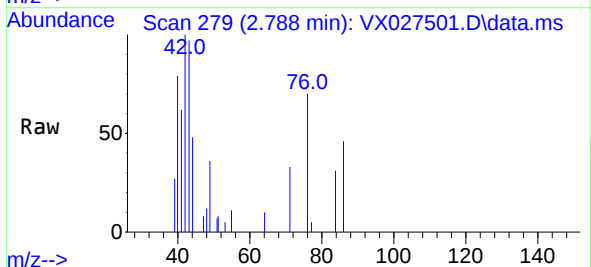
Instrument :
MSVOA_X
ClientSampleId :
MW-106S

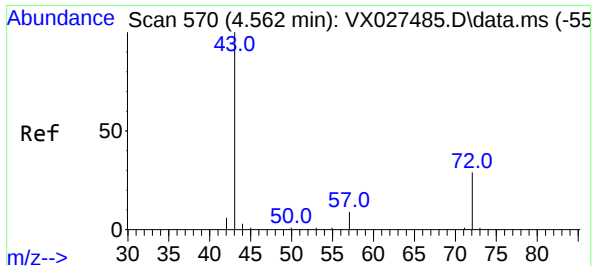
Tgt Ion: 76 Resp: 4643
Ion Ratio Lower Upper
76 100
78 15.8 7.2 10.8#



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 84 Resp: 784
Ion Ratio Lower Upper
84 100
49 113.9 85.5 128.3
51 46.8 26.6 39.8#
86 146.5 51.5 77.3#





#25

2-Butanone

Concen: 0.569 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX027501.D

Acq: 17 Mar 2022 20:57

Instrument :

MSVOA_X

ClientSampleId :

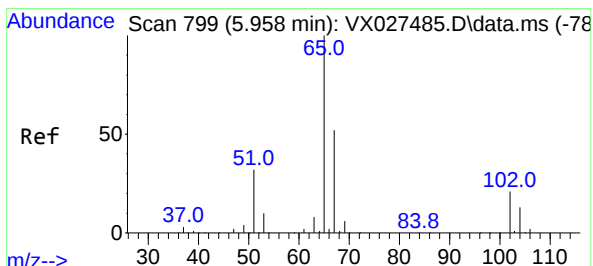
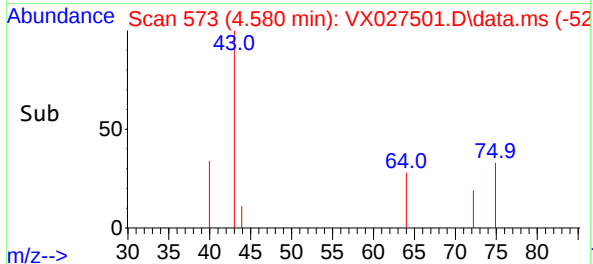
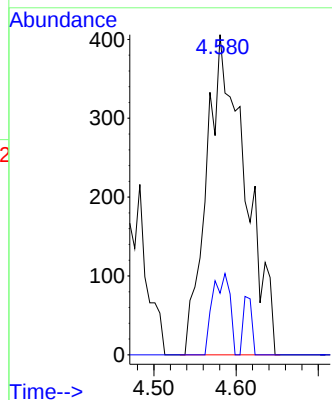
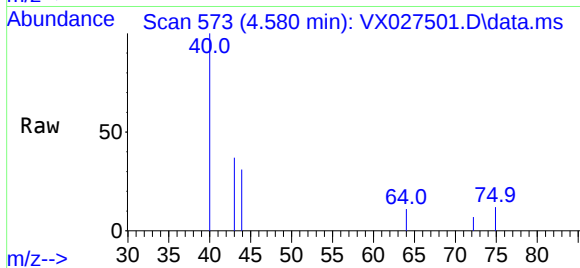
MW-106S

Tgt Ion: 43 Resp: 1328

Ion Ratio Lower Upper

43 100

72 19.2 24.4 36.6#



#33

1,2-Dichloroethane-d4

Concen: 52.607 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027501.D

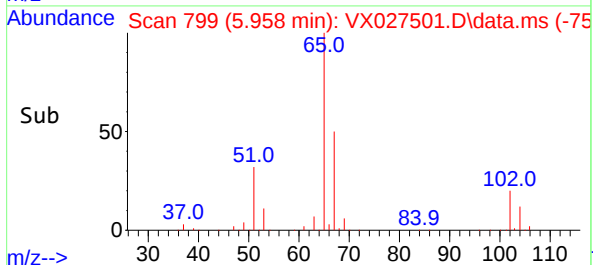
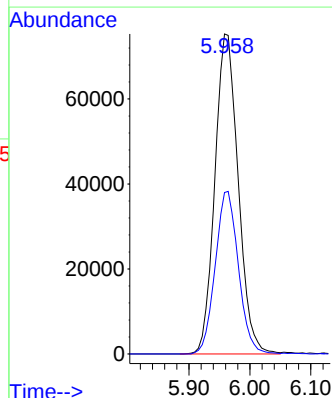
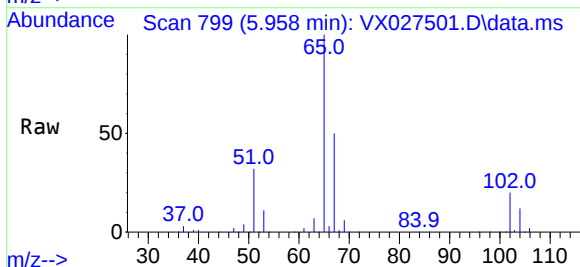
Acq: 17 Mar 2022 20:57

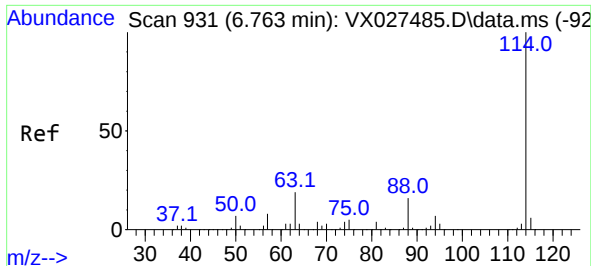
Tgt Ion: 65 Resp: 200377

Ion Ratio Lower Upper

65 100

67 50.4 0.0 107.4

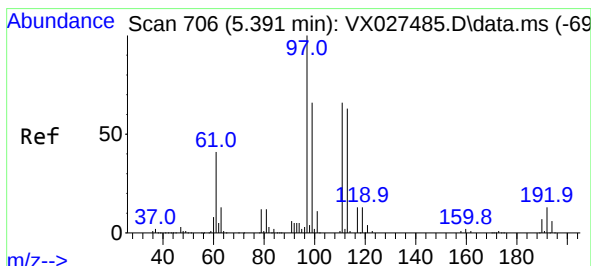
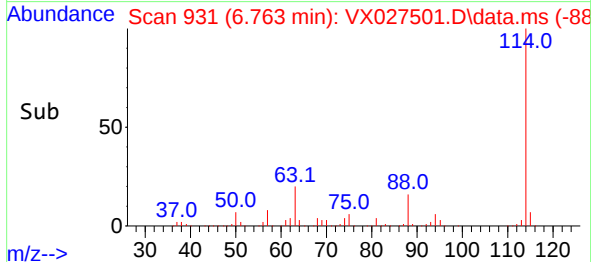
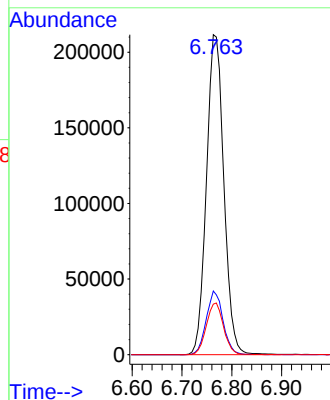
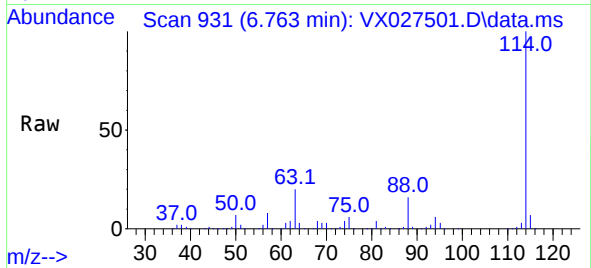




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

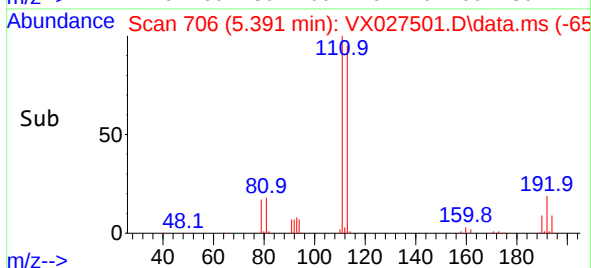
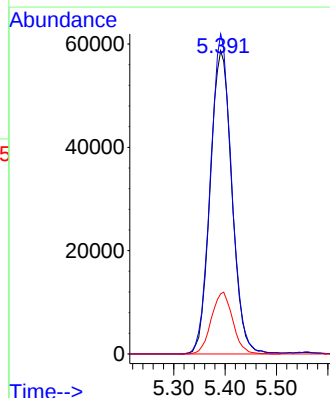
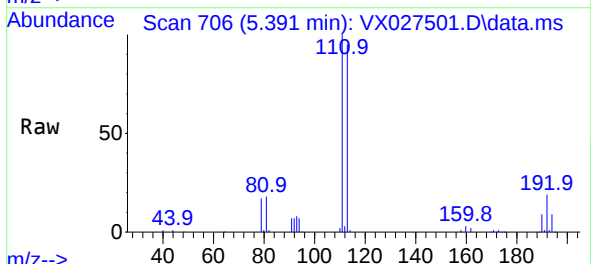
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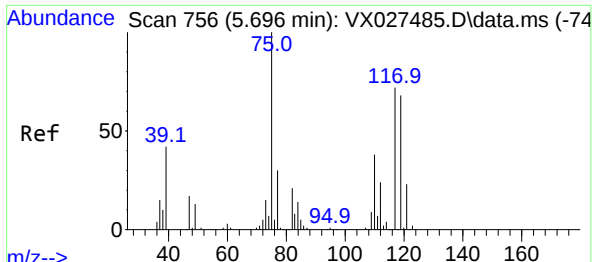
Tgt Ion:114 Resp: 512498
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.137 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion:113 Resp: 171912
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 20.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.944 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027501.D

Acq: 17 Mar 2022 20:57

Instrument :

MSVOA_X

ClientSampleId :

MW-106S

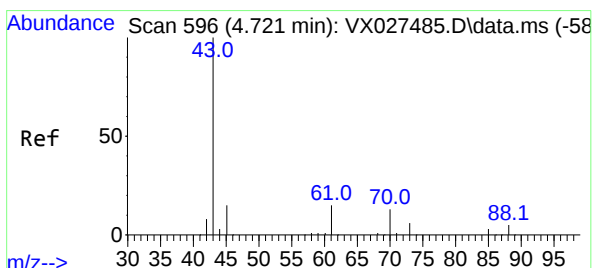
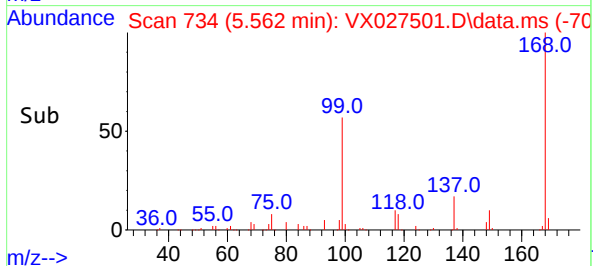
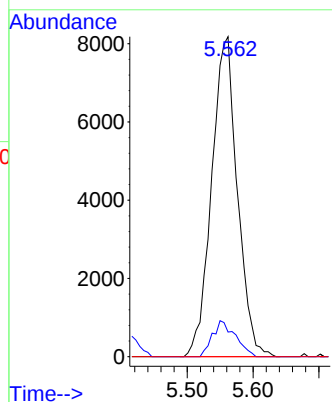
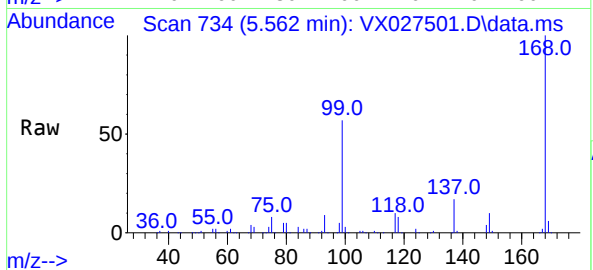
Tgt Ion: 75 Resp: 22277

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.296 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.140 min

Lab File: VX027501.D

Acq: 17 Mar 2022 20:57

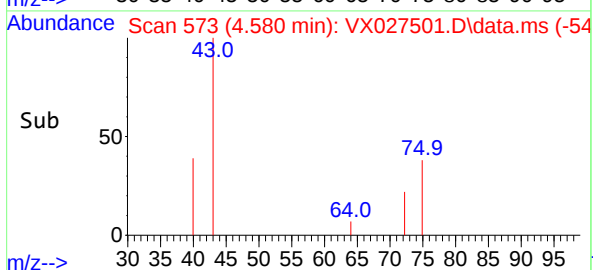
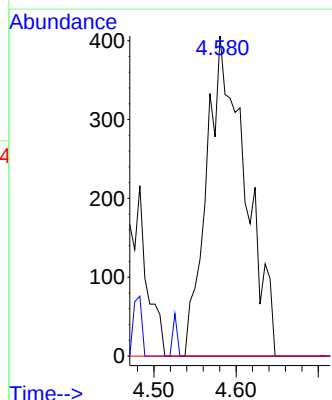
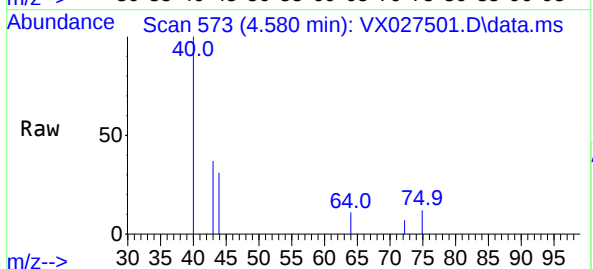
Tgt Ion: 43 Resp: 1328

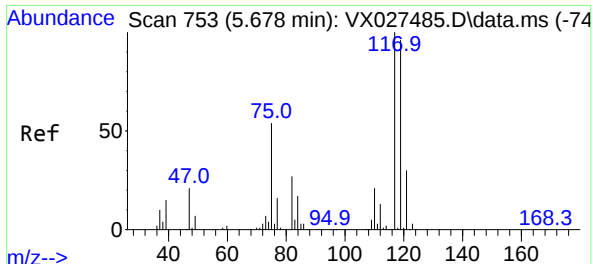
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

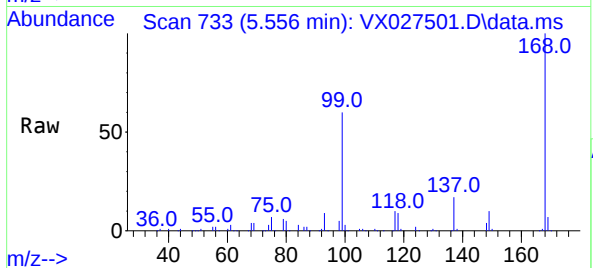
70 0.0 10.2 15.2#



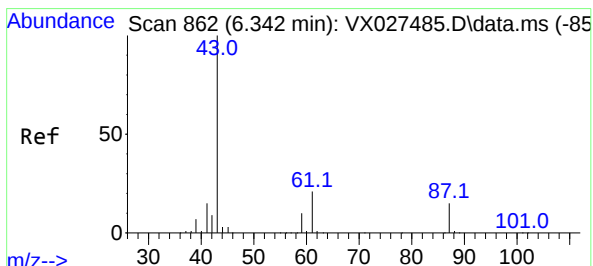
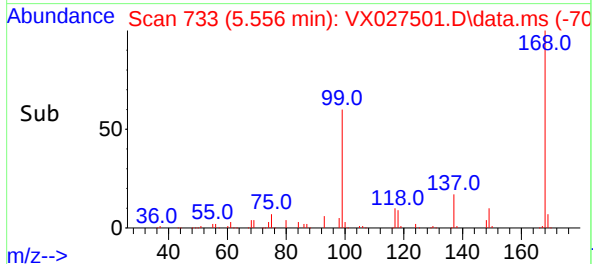
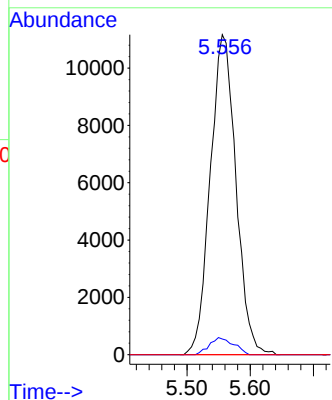


#38
Carbon Tetrachloride
Concen: 6.100 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Instrument :
MSVOA_X
ClientSampleId :
MW-106S

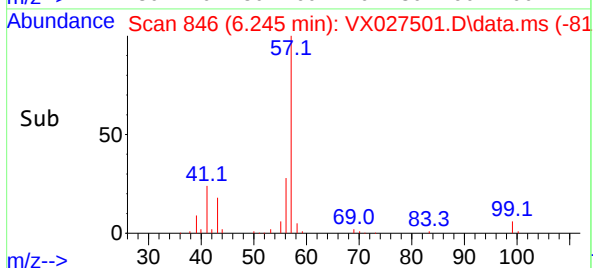
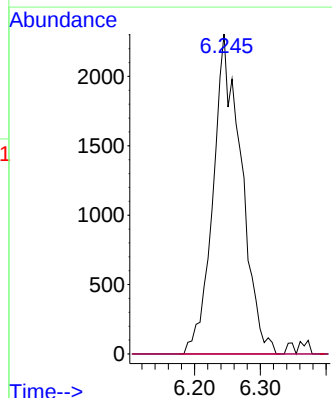
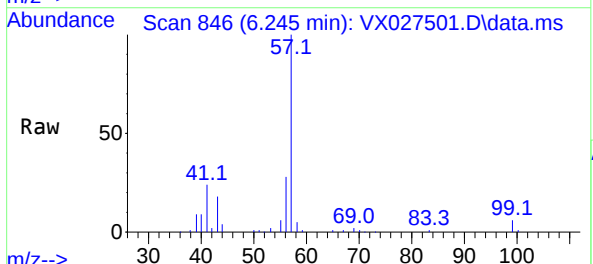


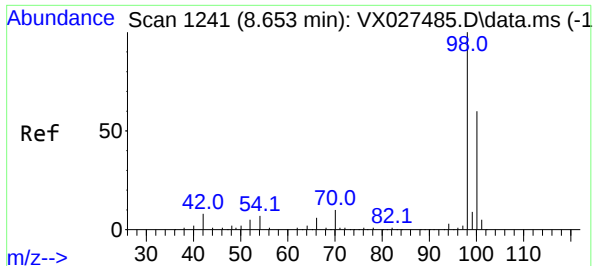
Tgt Ion:117 Resp: 31448
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.955 ug/l
RT: 6.245 min Scan# 846
Delta R.T. -0.097 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 43 Resp: 6898
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

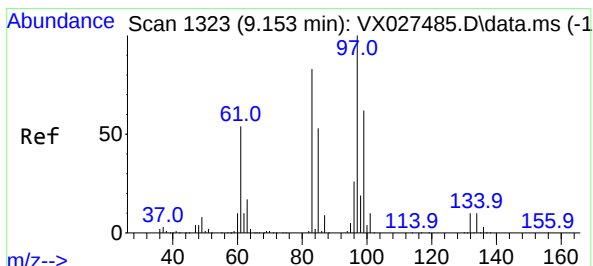
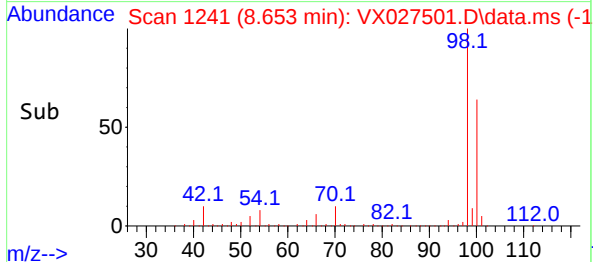
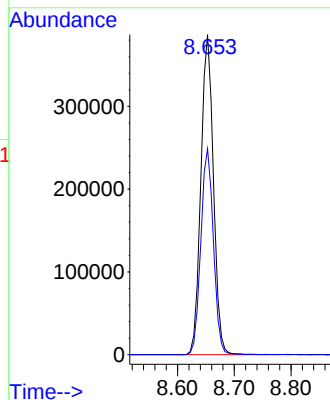
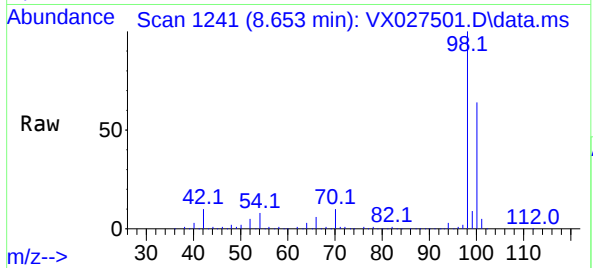




#50
Toluene-d8
Concen: 47.690 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

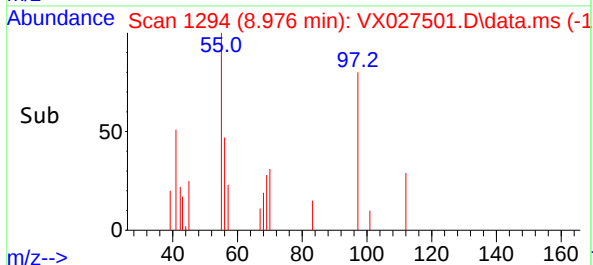
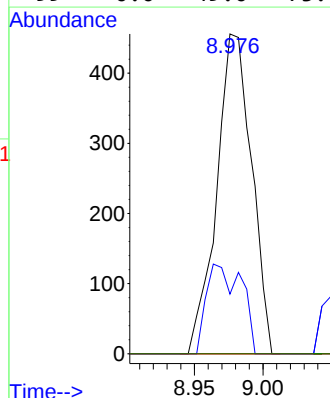
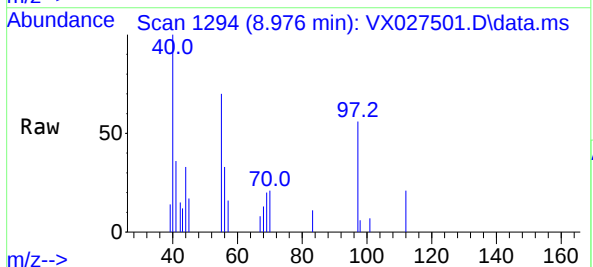
Instrument :
MSVOA_X
ClientSampleId :
MW-106S

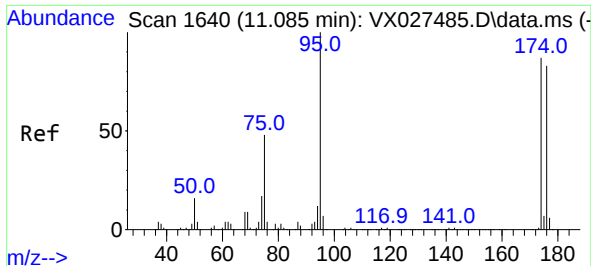
Tgt Ion: 98 Resp: 595048
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.229 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.177 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 97 Resp: 808
Ion Ratio Lower Upper
97 100
83 18.6 66.2 99.4#
85 0.0 42.9 64.3#
99 0.0 49.0 73.6#

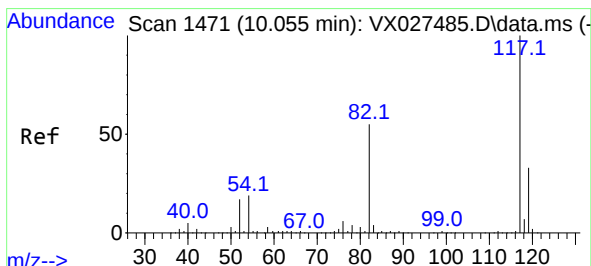
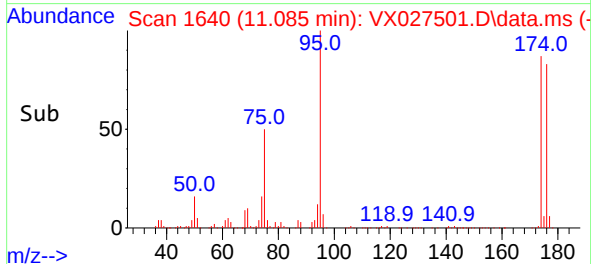
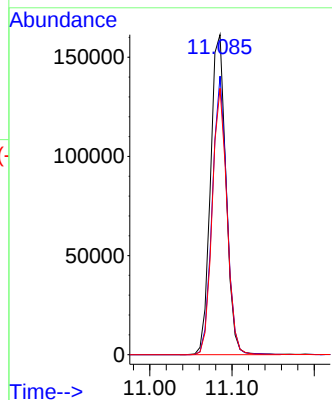
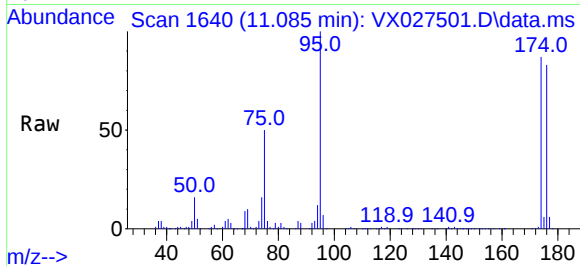




#62
4-Bromofluorobenzene
Concen: 45.967 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

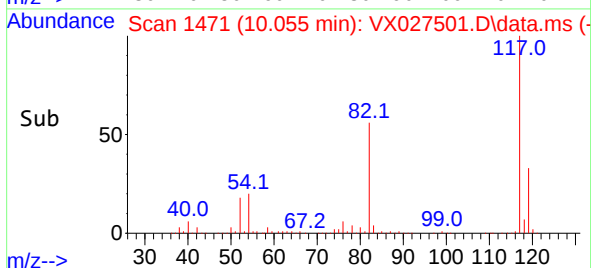
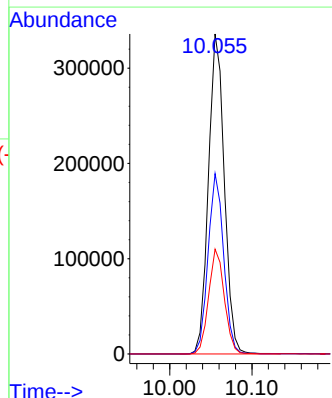
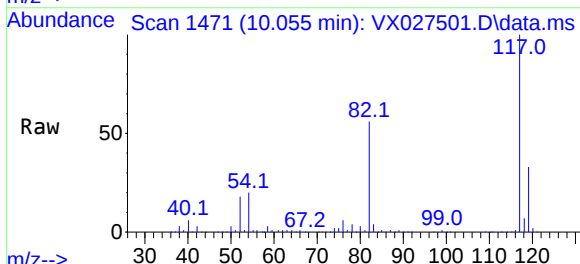
Instrument :
MSVOA_X
ClientSampleId :
MW-106S

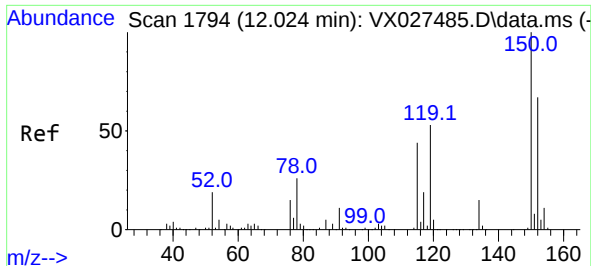
Tgt Ion: 95 Resp: 210809
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.0
176 79.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 117 Resp: 451010
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.8 24.8 37.2

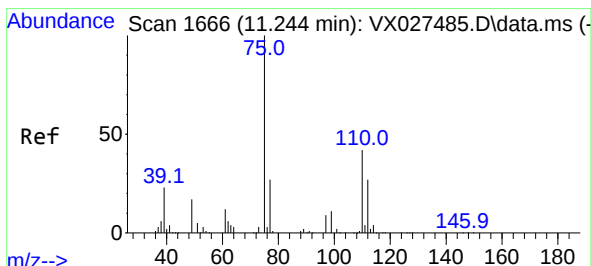
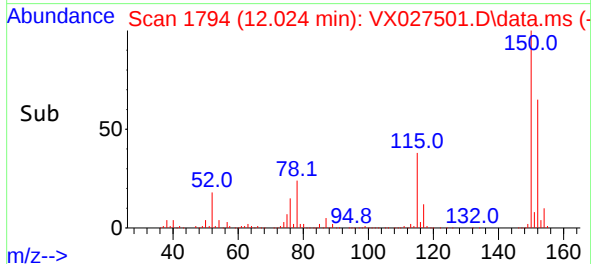
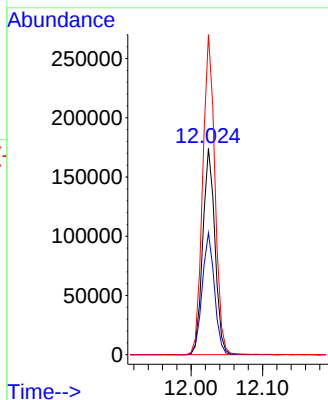
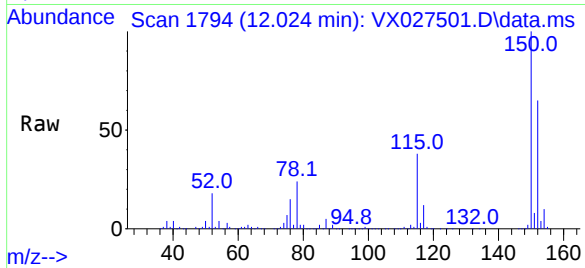




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

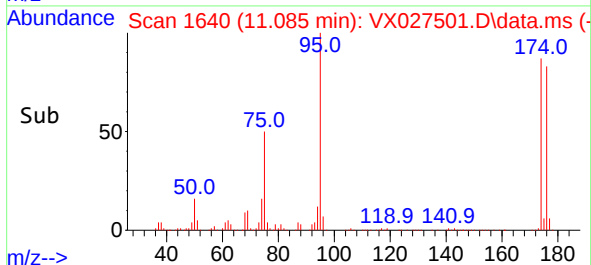
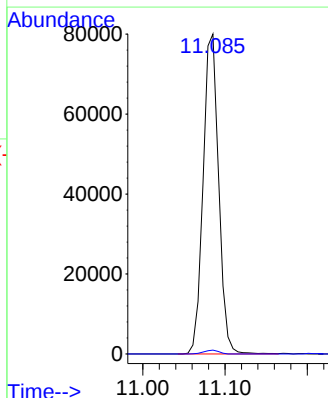
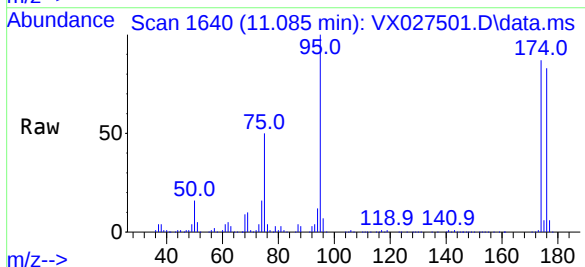
Instrument :
MSVOA_X
ClientSampleId :
MW-106S

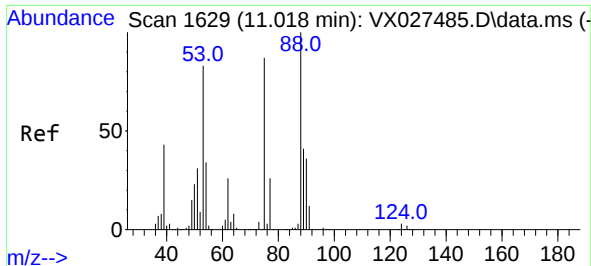
Tgt Ion:152 Resp: 206329
Ion Ratio Lower Upper
152 100
115 59.3 37.5 112.7
150 155.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.374 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 75 Resp: 105189
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

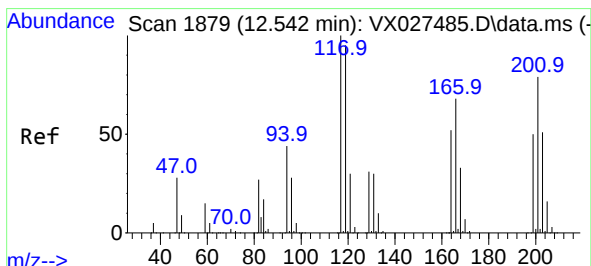
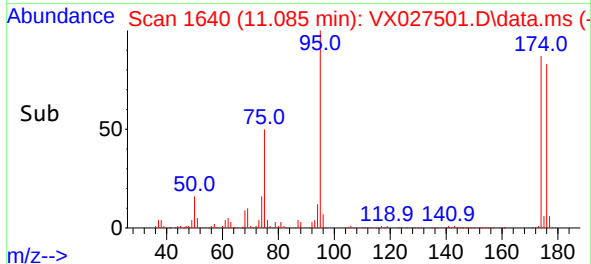
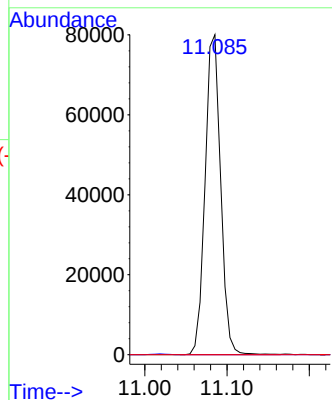
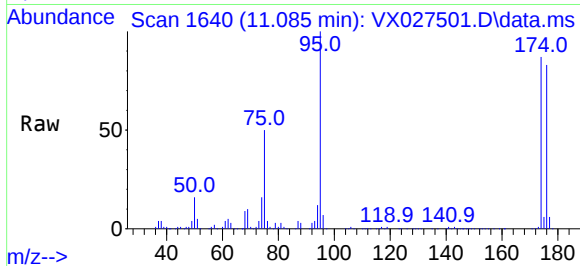




#81
trans-1,4-Dichloro-2-butene
Concen: 74.023 ug/l
RT: 11.085 min Scan# 1051
Delta R.T. 0.067 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Instrument :
MSVOA_X
ClientSampleId :
MW-106S

Tgt Ion: 75 Resp: 105189
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.217 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX027501.D
Acq: 17 Mar 2022 20:57

Tgt Ion: 117 Resp: 451
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

