

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027496.D
 Acq On : 17 Mar 2022 18:58
 Operator : JC/MD
 Sample : N1997-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102

Quant Time: Mar 18 02:06:33 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)

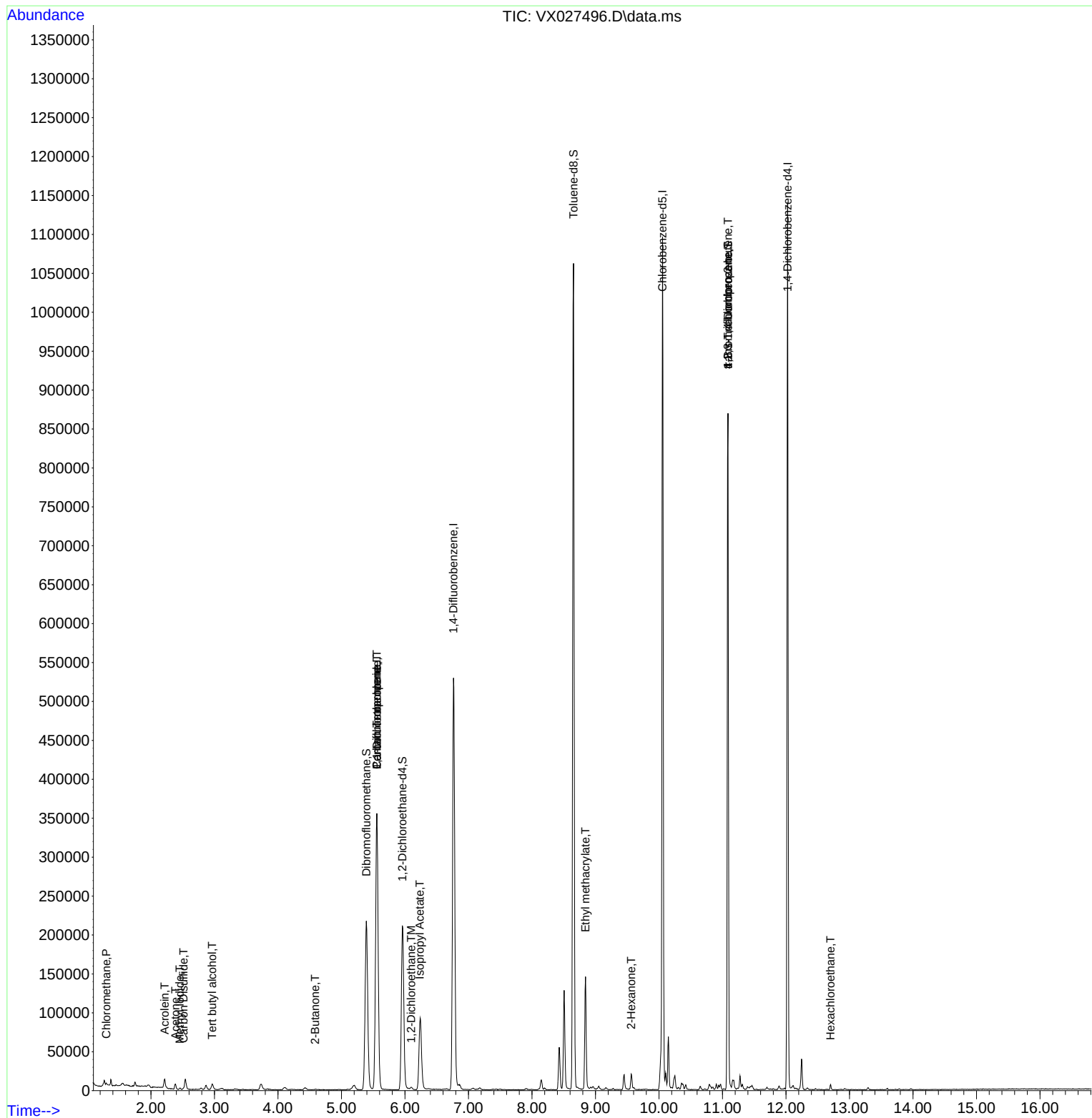
Internal Standards						
1) Pentafluorobenzene	5.556	168	341184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	563174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	505384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214316	50.991	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.980%	
35) Dibromofluoromethane	5.391	113	187423	51.726	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.460%	
50) Toluene-d8	8.653	98	658720	48.042	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.080%	
62) 4-Bromofluorobenzene	11.086	95	237861	47.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.400%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	809	0.278	ug/l #	87
5) Bromomethane	1.618	94	784	Below Cal		81
10) Methyl Iodide	2.453	142	1810	0.414	ug/l #	91
11) Tert butyl alcohol	2.965	59	7888	9.847	ug/l	99
13) Acrolein	2.215	56	401	0.645	ug/l #	1
16) Acetone	2.386	43	7408	4.324	ug/l	90
17) Carbon Disulfide	2.514	76	1746	0.217	ug/l	97
25) 2-Butanone	4.587	43	874	0.339	ug/l #	82
36) 1,1-Dichloropropene	5.556	75	24622	4.973	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34724	6.130	ug/l #	15
42) 1,2-Dichloroethane	6.099	62	3611	0.678	ug/l	96
43) Isopropyl Acetate	6.233	43	23275	2.931	ug/l #	57
56) Ethyl methacrylate	8.842	69	14813	2.554	ug/l #	60
58) 2-Chloroethyl Vinyl ether	8.190	63	69	Below Cal	#	45
59) 2-Hexanone	9.561	43	3415	0.875	ug/l	79
76) 1,2,3-Trichloropropane	11.086	75	118194	24.255	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	118194	73.663	ug/l #	15
90) Hexachloroethane	12.701	117	2684	1.146	ug/l #	10

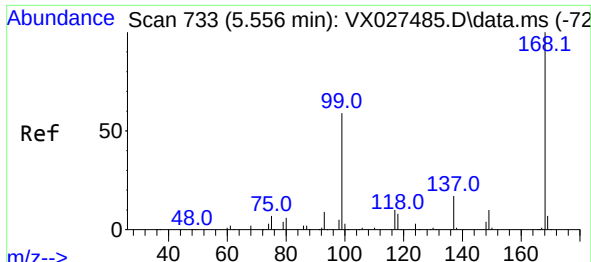
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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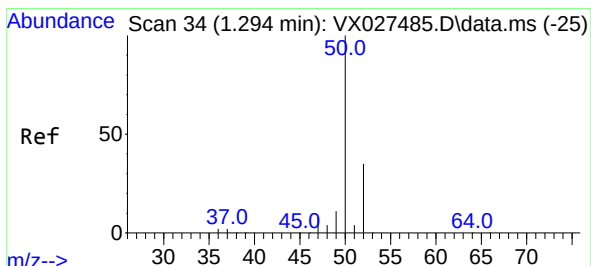
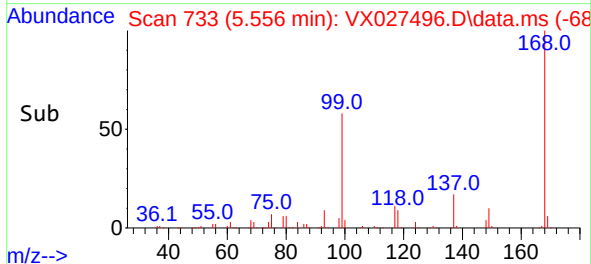
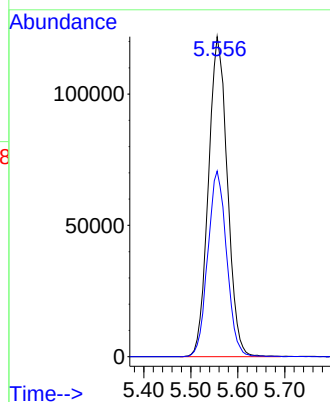
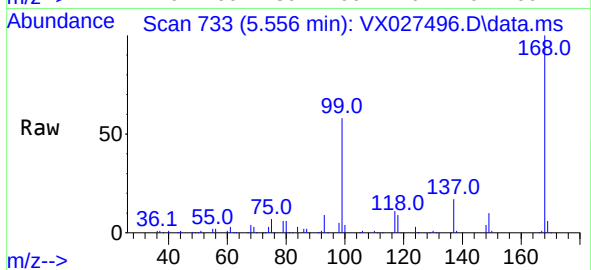




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

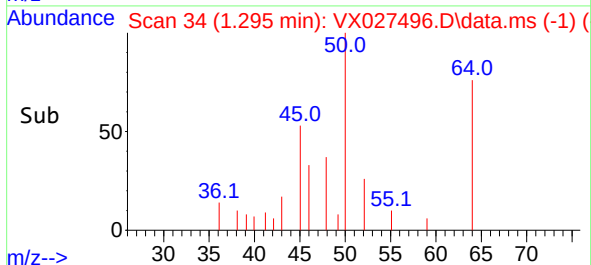
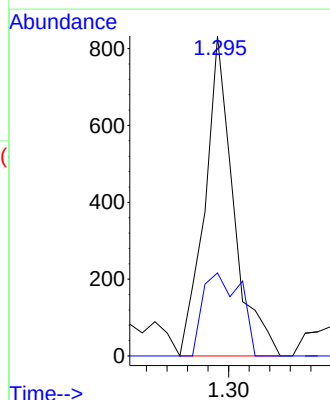
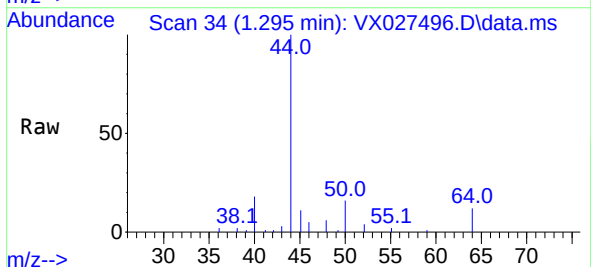
Instrument :
MSVOA_X
ClientSampleId :
MW-102

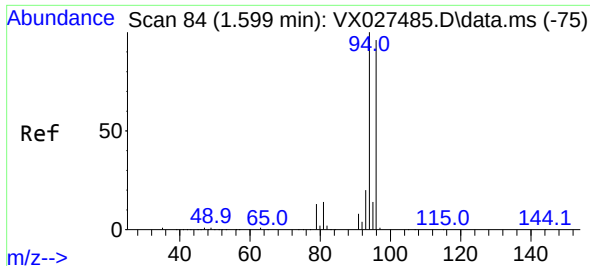
Tgt Ion:168 Resp: 341184
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5



#3
Chloromethane
Concen: 0.278 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 50 Resp: 809
Ion Ratio Lower Upper
50 100
52 25.9 26.4 39.6#

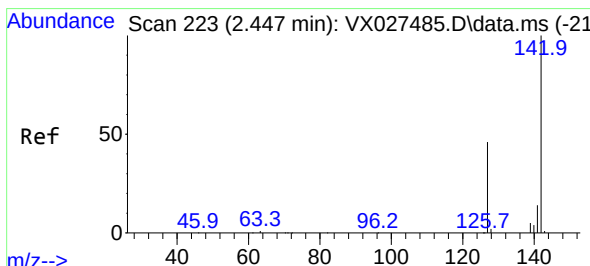
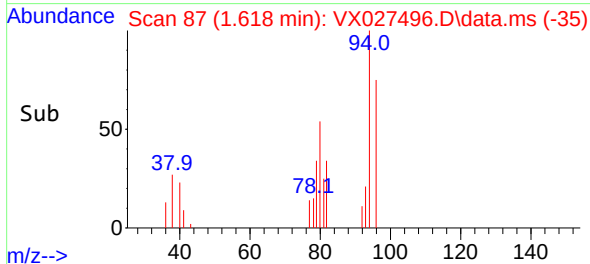
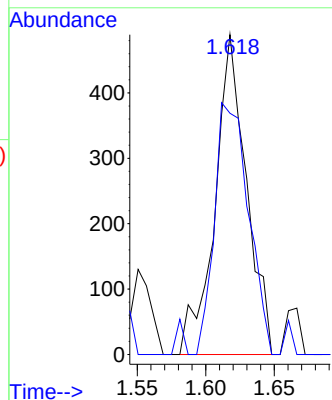
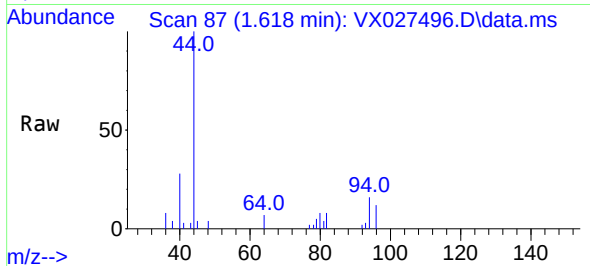




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

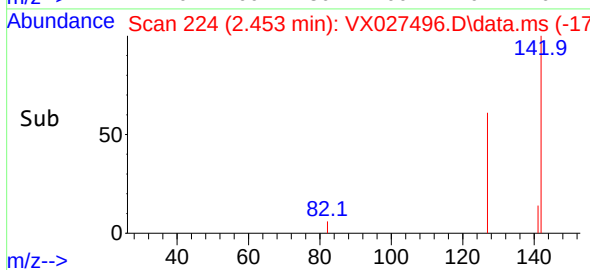
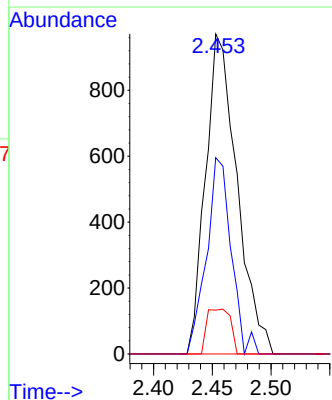
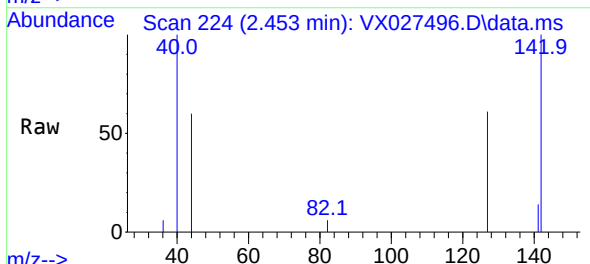
Instrument :
MSVOA_X
ClientSampleId :
MW-102

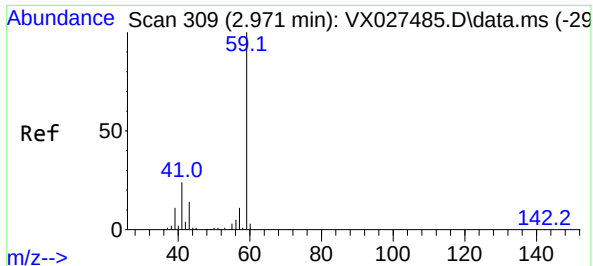
Tgt Ion: 94 Resp: 784
Ion Ratio Lower Upper
94 100
96 75.5 75.3 112.9



#10
Methyl Iodide
Concen: 0.414 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 142 Resp: 1810
Ion Ratio Lower Upper
142 100
127 48.1 33.9 50.9
141 10.5 11.4 17.2#

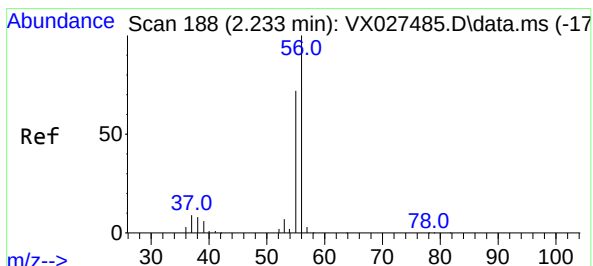
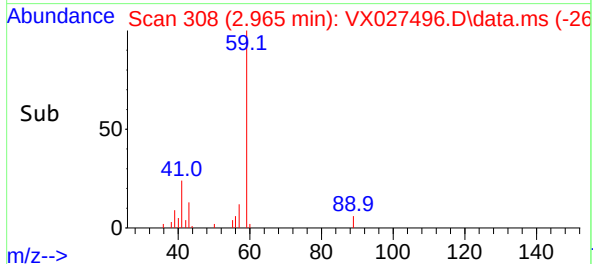
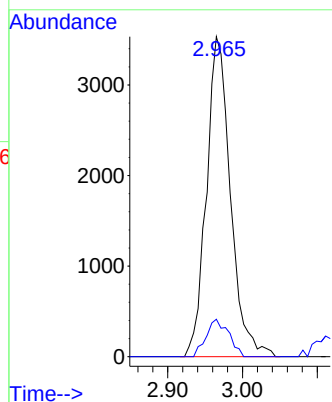
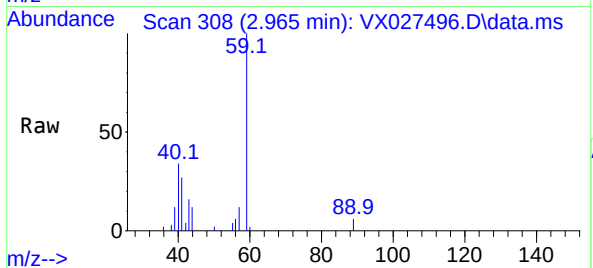




#11
Tert butyl alcohol
Concen: 9.847 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

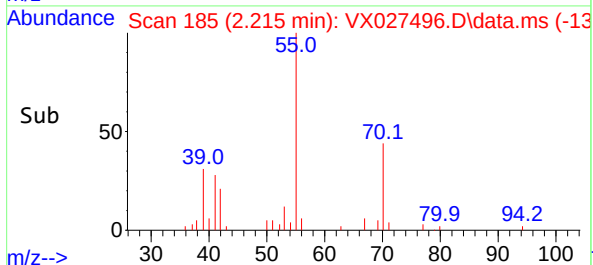
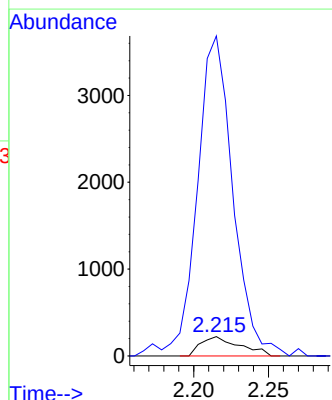
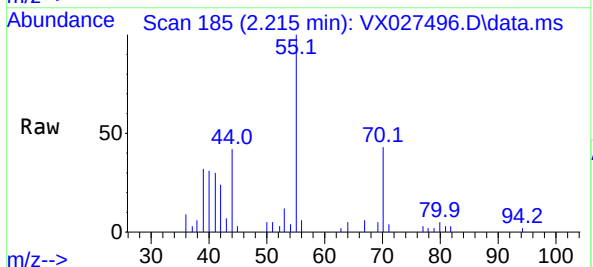
Instrument :
MSVOA_X
ClientSampleId :
MW-102

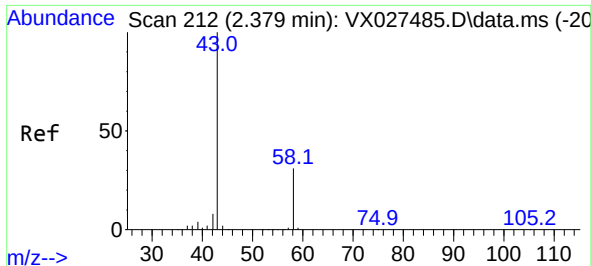
Tgt Ion: 59 Resp: 7888
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5



#13
Acrolein
Concen: 0.645 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 56 Resp: 401
Ion Ratio Lower Upper
56 100
55 1540.9 55.0 82.6#

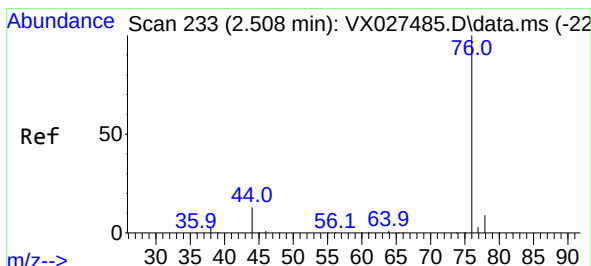
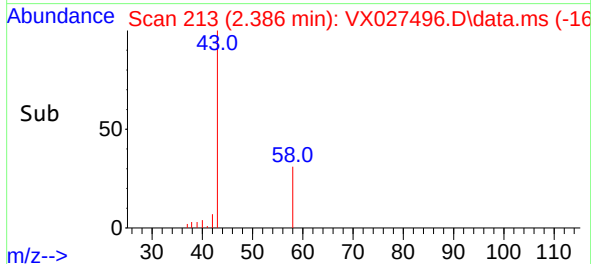
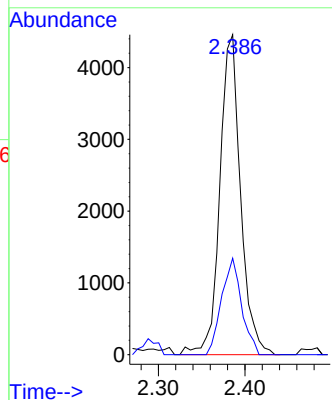
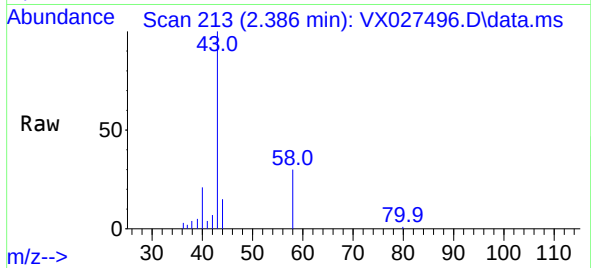




#16
Acetone
Concen: 4.324 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

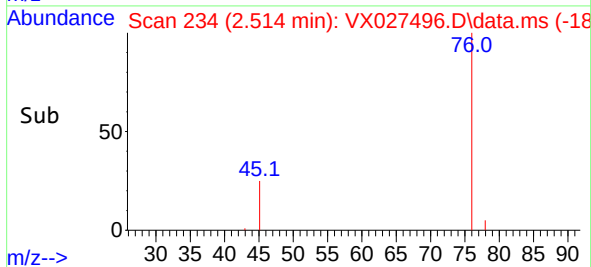
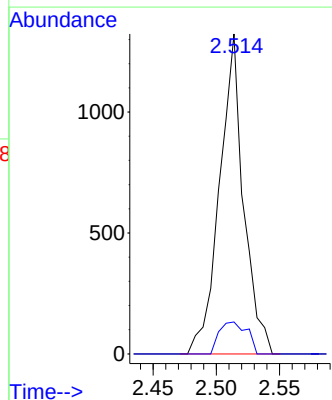
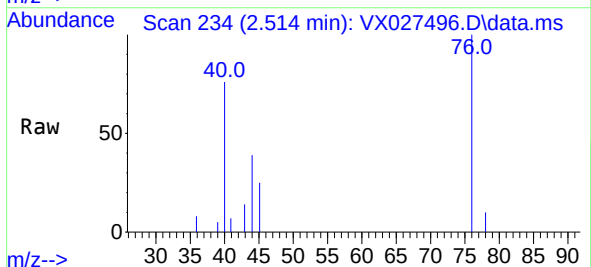
Instrument :
MSVOA_X
ClientSampleId :
MW-102

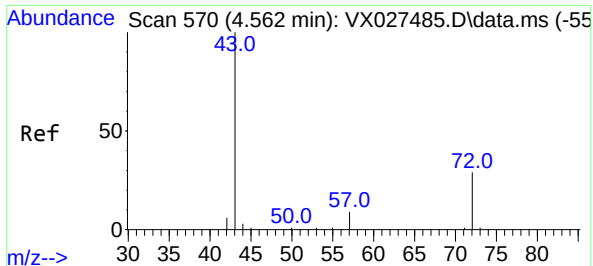
Tgt Ion: 43 Resp: 7408
Ion Ratio Lower Upper
43 100
58 30.2 28.8 43.2



#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 76 Resp: 1746
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8





#25

2-Butanone

Concen: 0.339 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX027496.D

Acq: 17 Mar 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

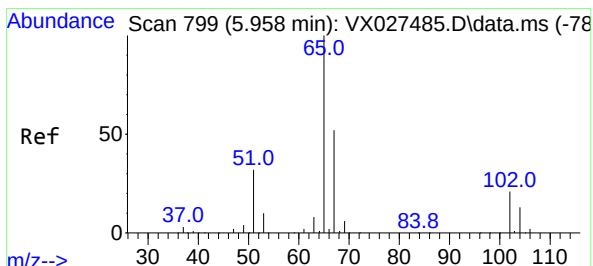
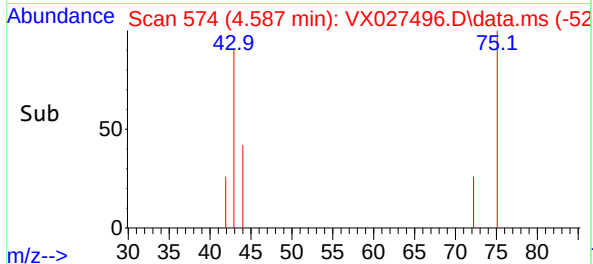
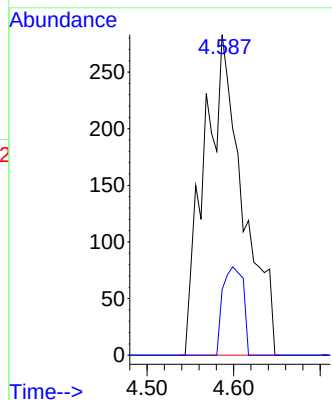
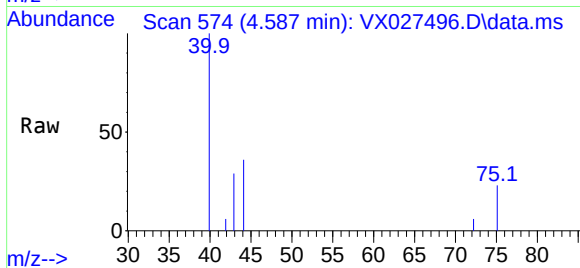
MW-102

Tgt Ion: 43 Resp: 874

Ion Ratio Lower Upper

43 100

72 20.5 24.4 36.6#



#33

1,2-Dichloroethane-d4

Concen: 50.991 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027496.D

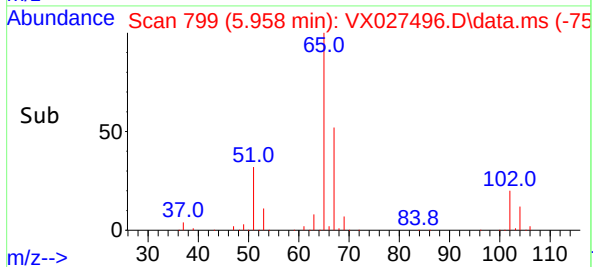
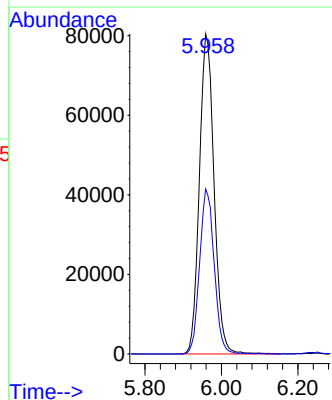
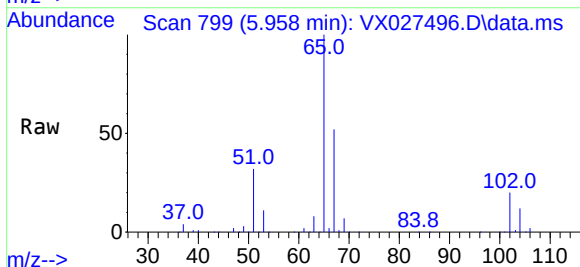
Acq: 17 Mar 2022 18:58

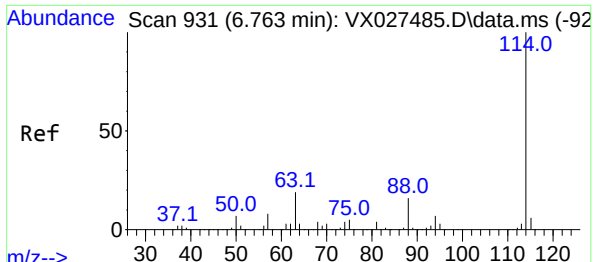
Tgt Ion: 65 Resp: 214316

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.4

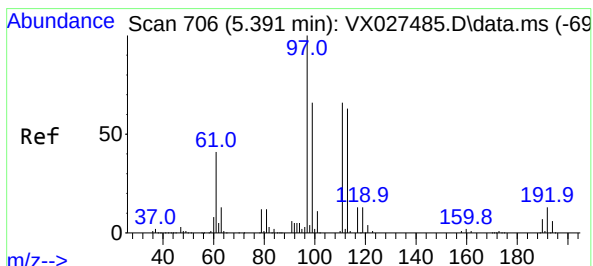
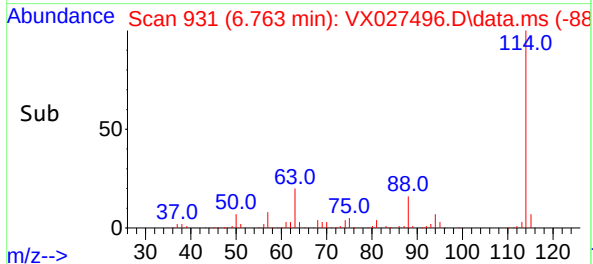
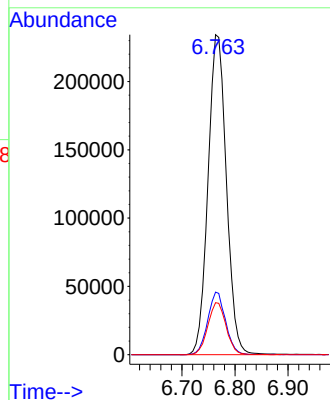
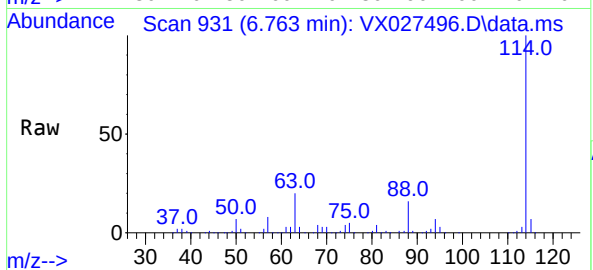




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

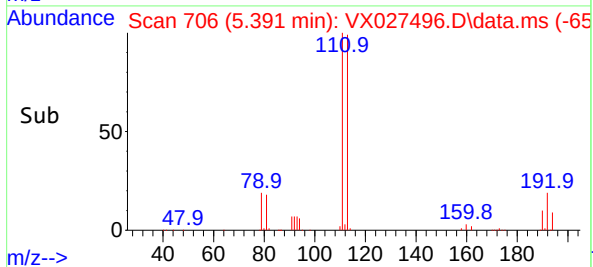
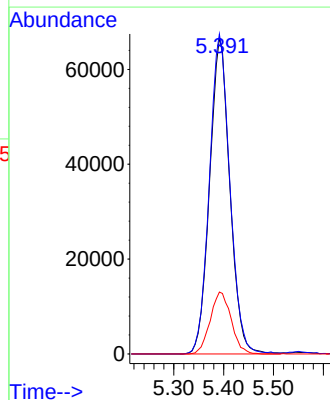
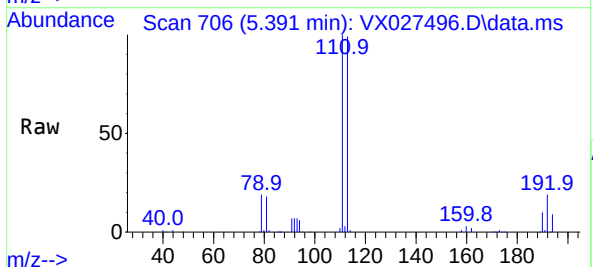
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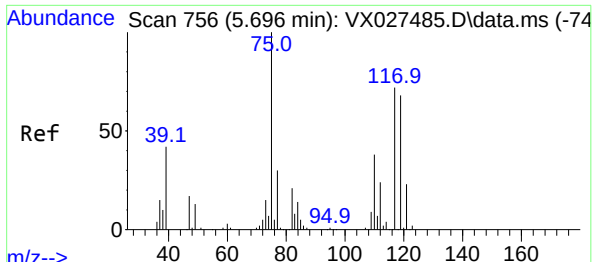
Tgt Ion:114 Resp: 563174
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.726 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion:113 Resp: 187423
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.3 16.9 25.3

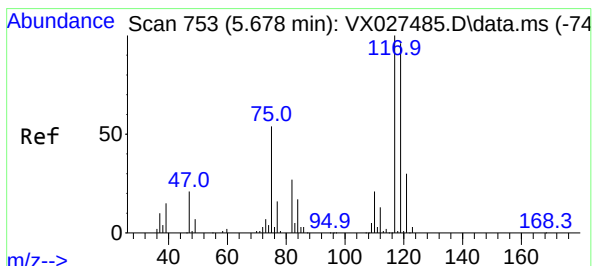
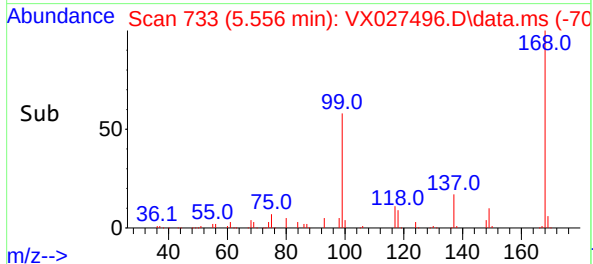
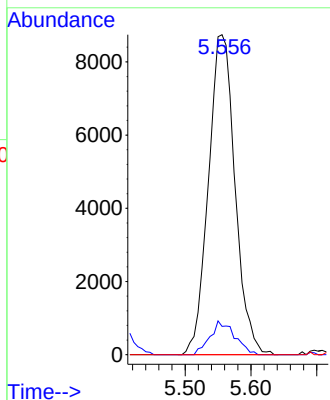
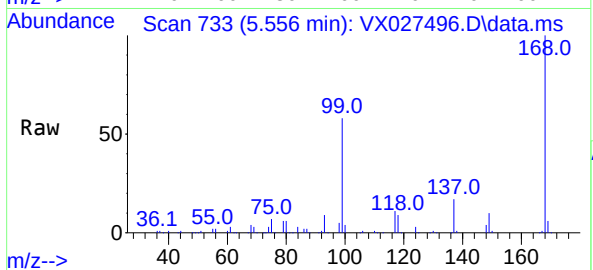




#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

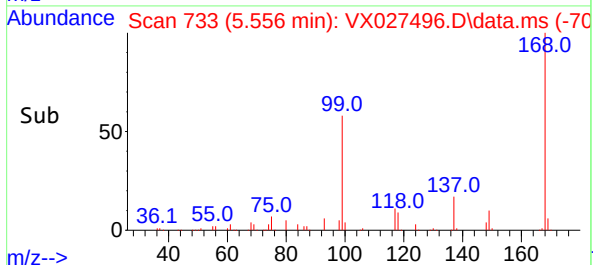
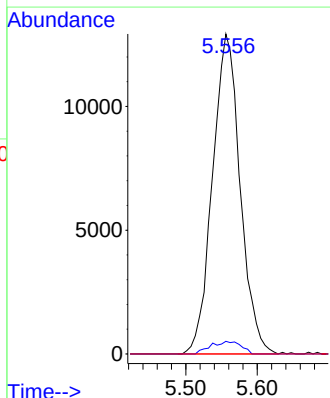
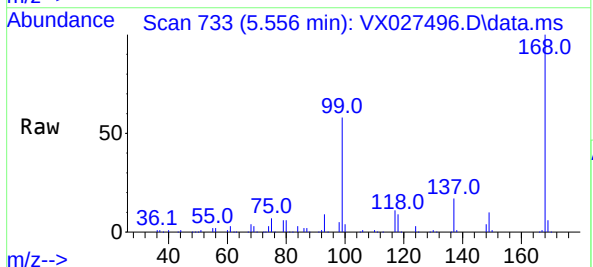
Instrument :
MSVOA_X
ClientSampleId :
MW-102

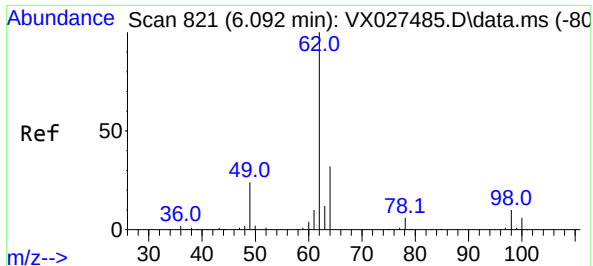
Tgt Ion: 75 Resp: 24622
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.130 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 117 Resp: 34724
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#





#42

1,2-Dichloroethane

Concen: 0.678 ug/l

RT: 6.099 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX027496.D

Acq: 17 Mar 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

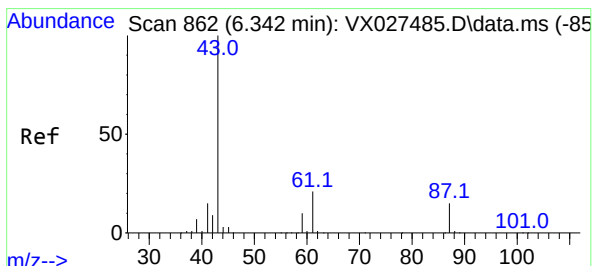
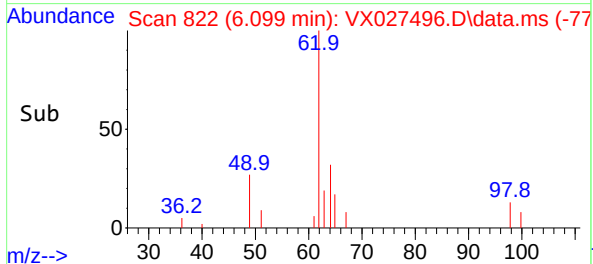
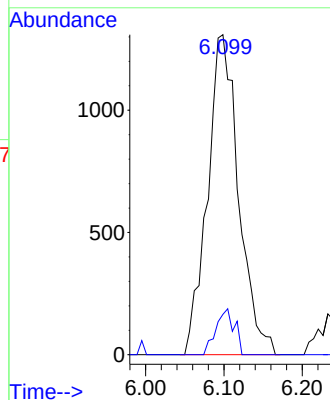
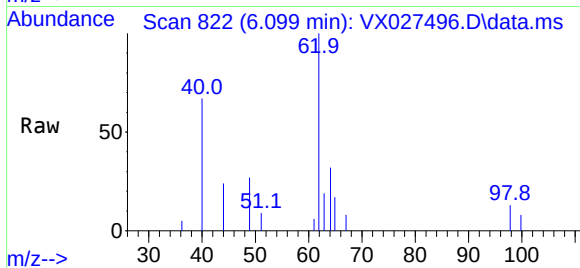
MW-102

Tgt Ion: 62 Resp: 3611

Ion Ratio Lower Upper

62 100

98 8.6 0.0 20.4



#43

Isopropyl Acetate

Concen: 2.931 ug/l

RT: 6.233 min Scan# 844

Delta R.T. -0.109 min

Lab File: VX027496.D

Acq: 17 Mar 2022 18:58

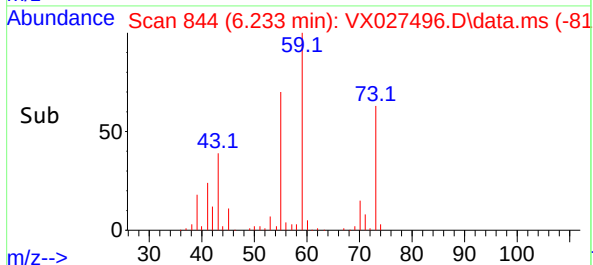
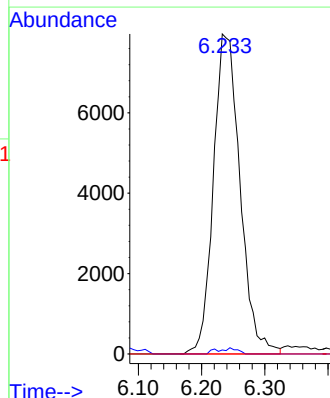
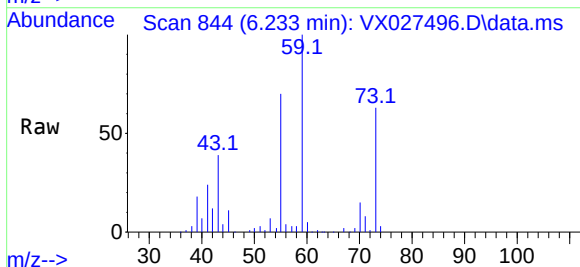
Tgt Ion: 43 Resp: 23275

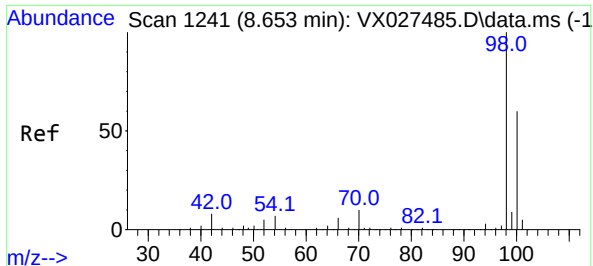
Ion Ratio Lower Upper

43 100

61 0.9 18.5 27.7#

87 0.0 13.0 19.6#

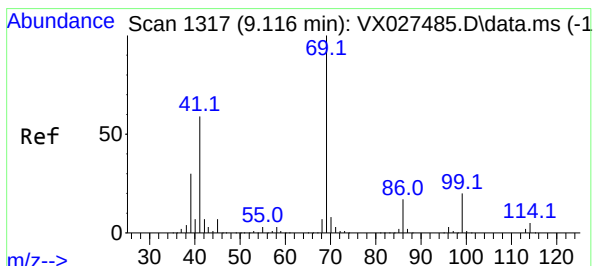
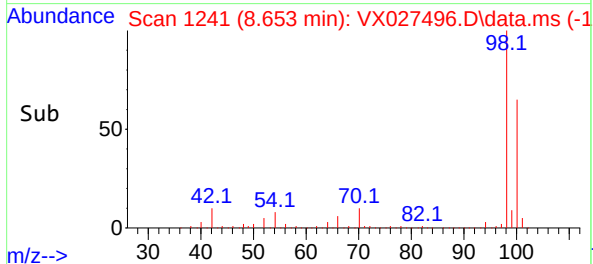
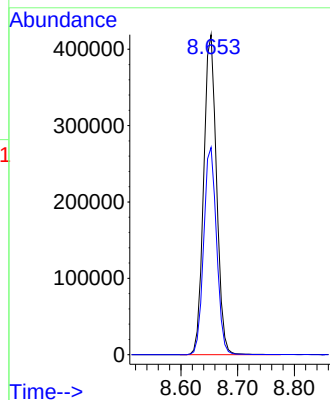
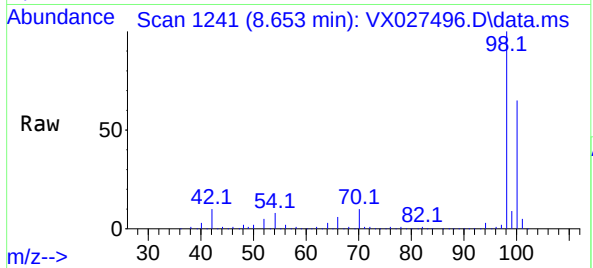




#50
Toluene-d8
Concen: 48.042 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

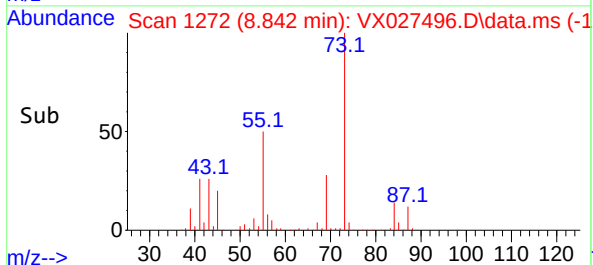
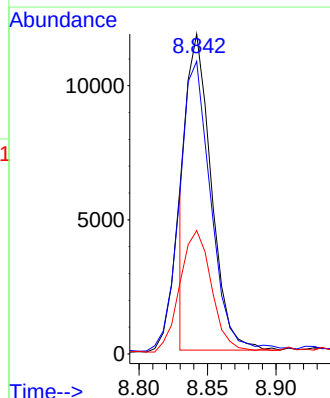
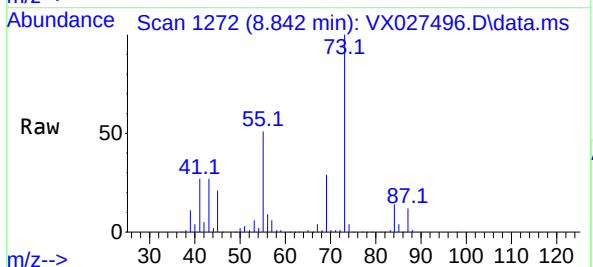
Instrument :
MSVOA_X
ClientSampleId :
MW-102

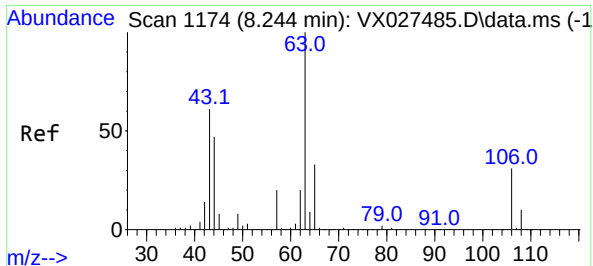
Tgt Ion: 98 Resp: 658720
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#56
Ethyl methacrylate
Concen: 2.554 ug/l
RT: 8.842 min Scan# 1272
Delta R.T. -0.274 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 69 Resp: 14813
Ion Ratio Lower Upper
69 100
41 91.1 43.8 65.6#
39 38.3 22.2 33.2#

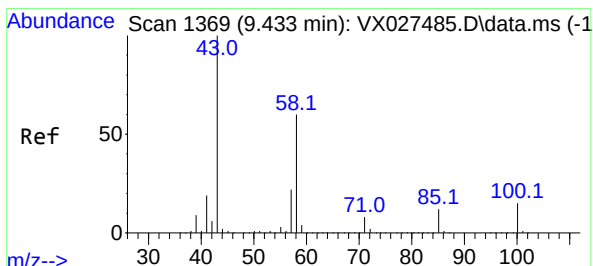
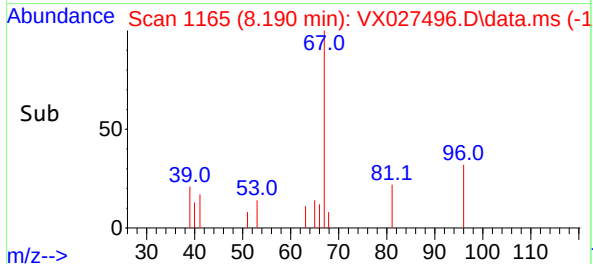
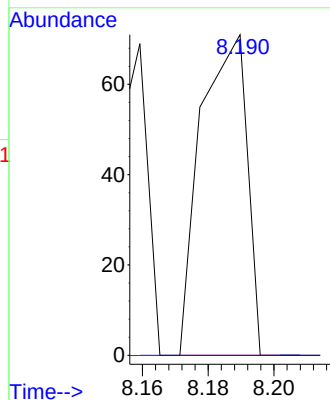
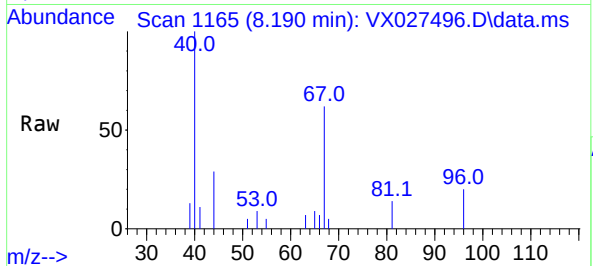




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.190 min Scan# 1174
Delta R.T. -0.054 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

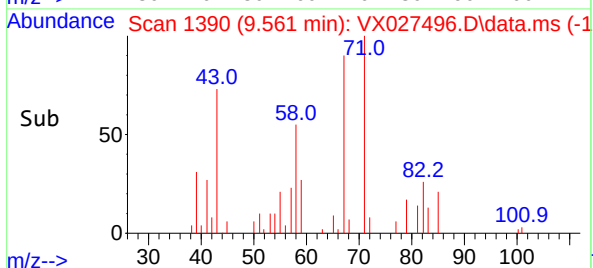
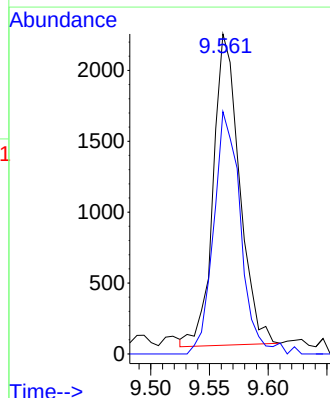
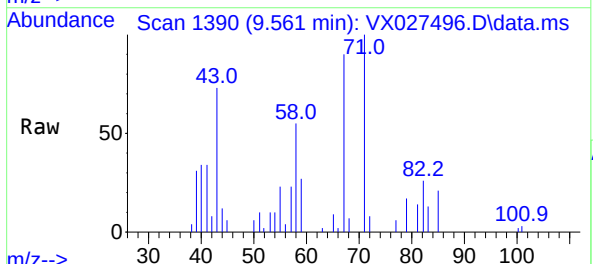
Instrument :
MSVOA_X
ClientSampleId :
MW-102

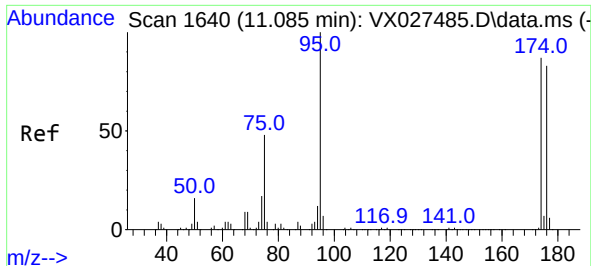
Tgt Ion: 63 Resp: 69
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.875 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.128 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 43 Resp: 3415
Ion Ratio Lower Upper
43 100
58 80.1 31.9 95.7

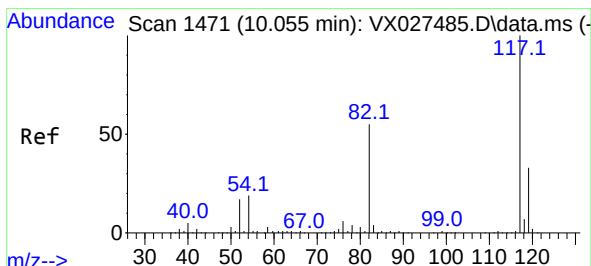
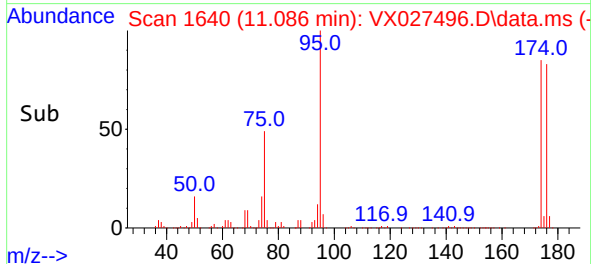
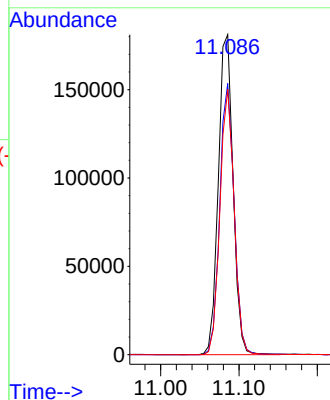
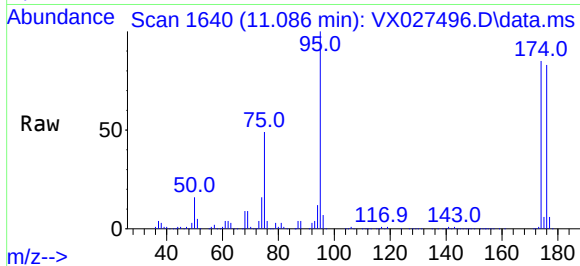




#62
4-Bromofluorobenzene
Concen: 47.198 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

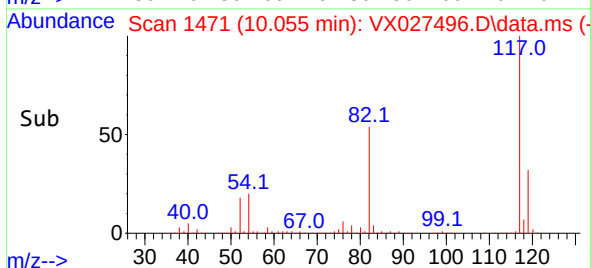
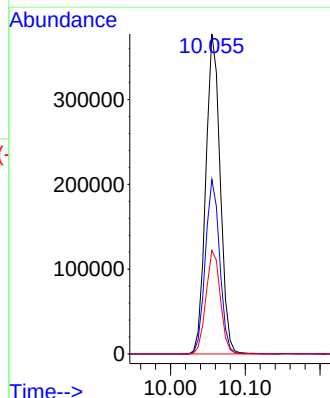
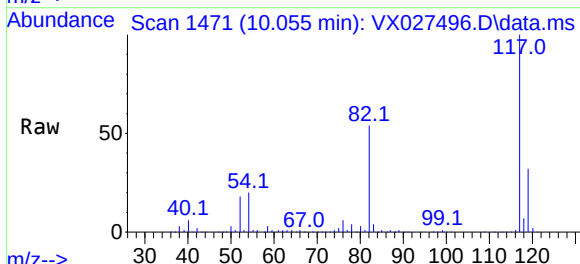
Instrument :
MSVOA_X
ClientSampleId :
MW-102

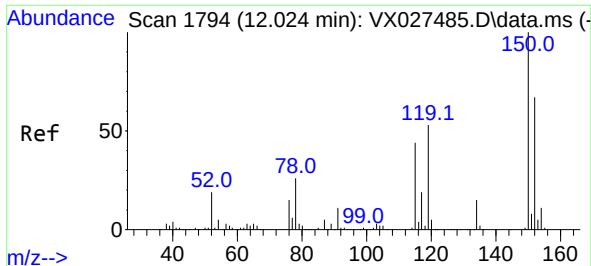
Tgt Ion: 95 Resp: 237861
Ion Ratio Lower Upper
95 100
174 82.1 0.0 163.0
176 79.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 117 Resp: 505384
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 32.4 24.8 37.2

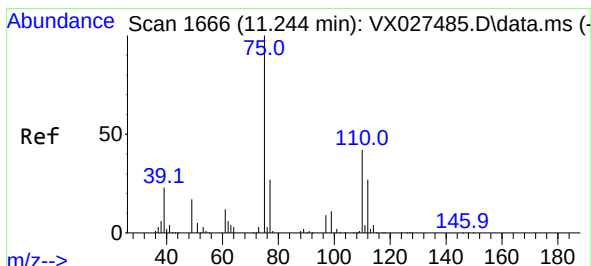
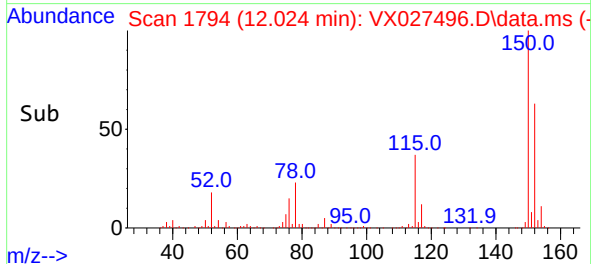
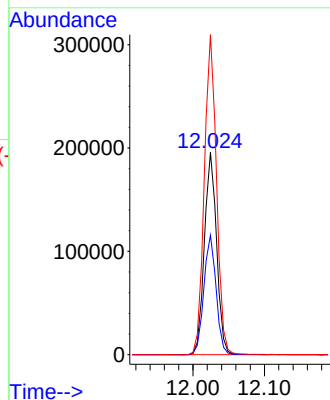
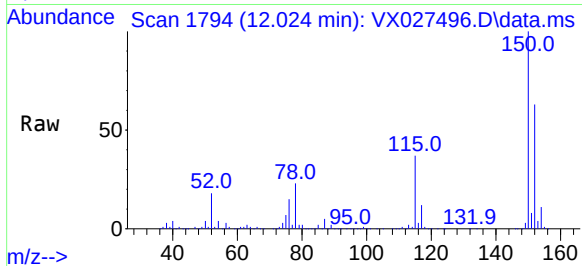




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

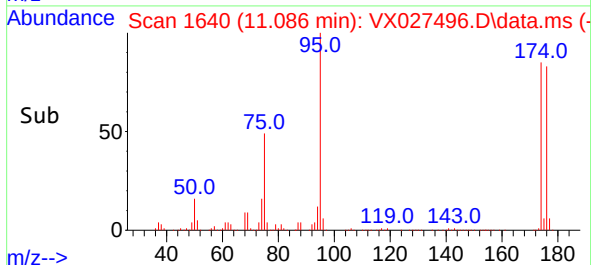
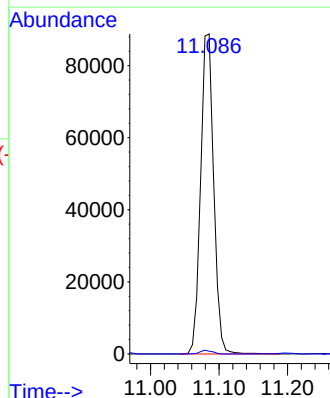
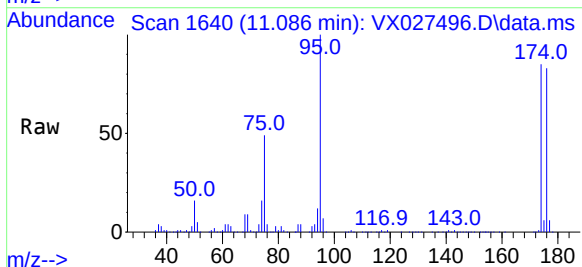
Instrument :
MSVOA_X
ClientSampleId :
MW-102

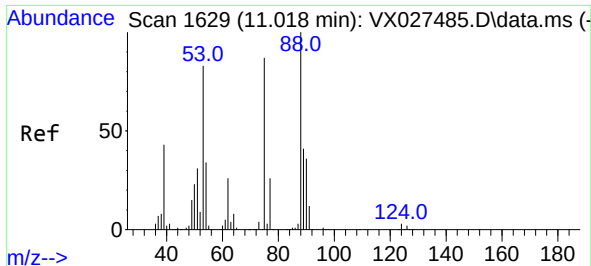
Tgt Ion:152 Resp: 232973
Ion Ratio Lower Upper
152 100
115 59.2 37.5 112.7
150 157.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.255 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 75 Resp: 118194
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

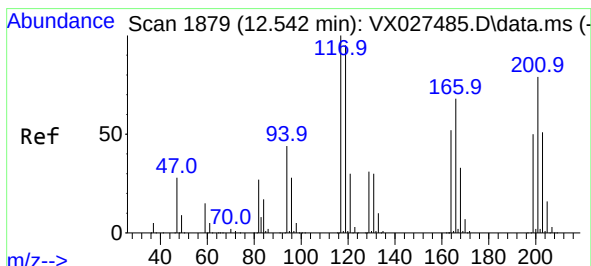
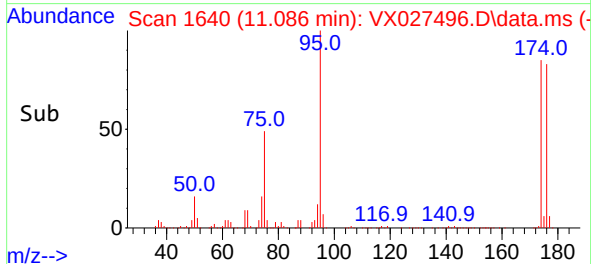
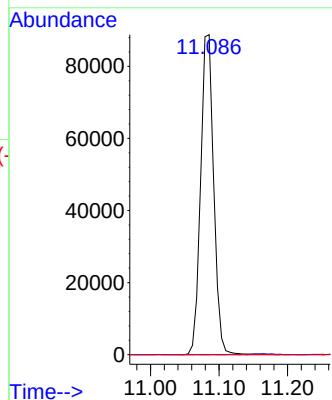
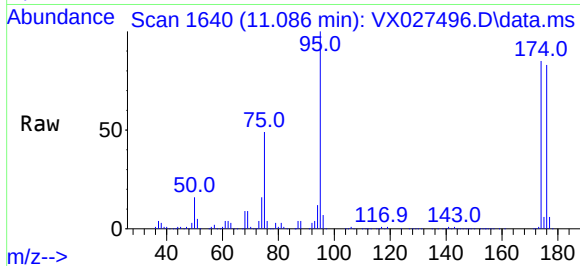




#81
trans-1,4-Dichloro-2-butene
Concen: 73.663 ug/l
RT: 11.086 min Scan# 110
Delta R.T. 0.067 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :
MW-102

Tgt Ion: 75 Resp: 118194
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.146 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX027496.D
Acq: 17 Mar 2022 18:58

Tgt Ion: 117 Resp: 2684
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

