

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022522\
 Data File : VX027186.D
 Acq On : 25 Feb 2022 14:09
 Operator : JC/MD
 Sample : N1671-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Feb 25 23:17:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

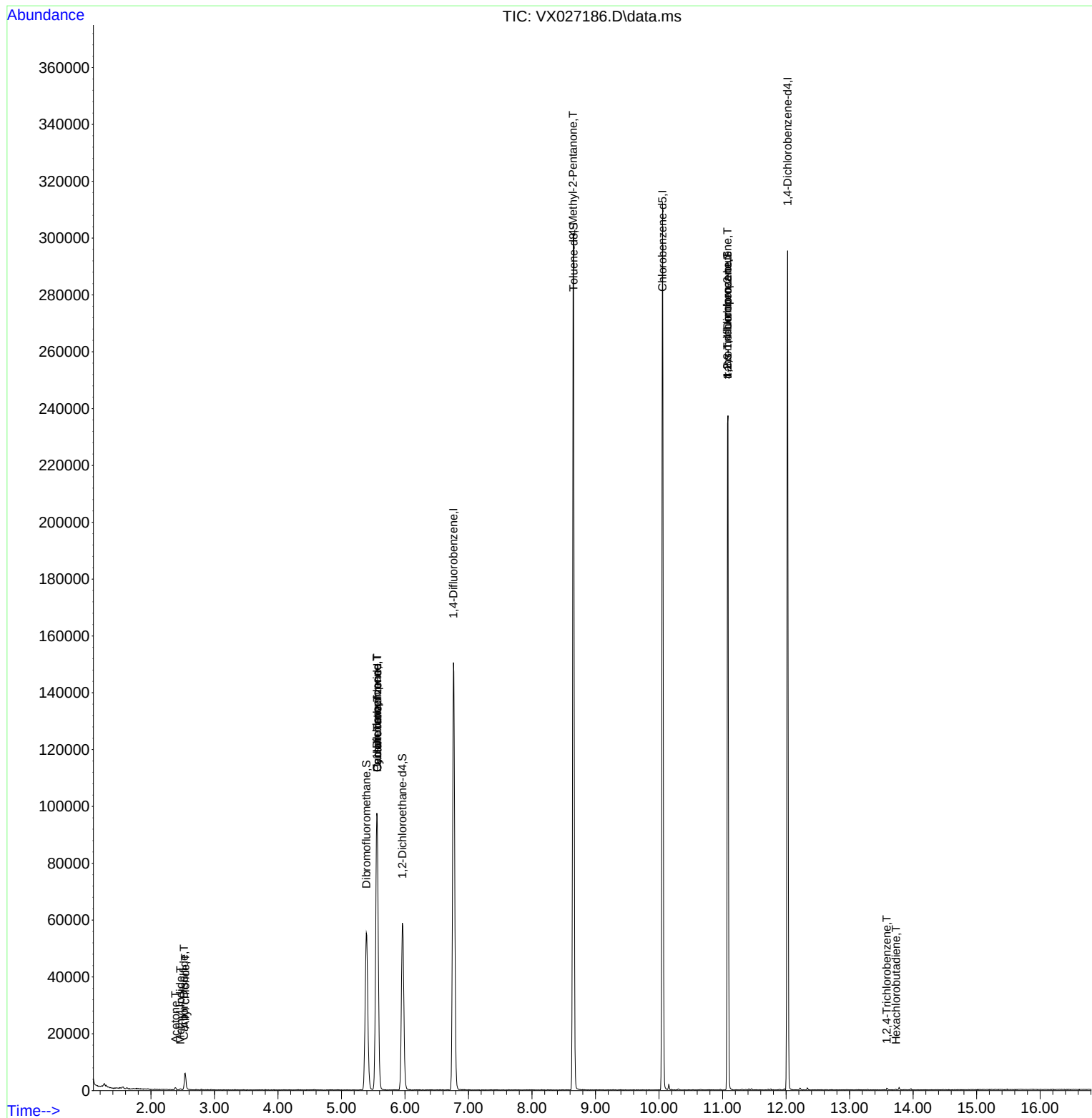
Internal Standards						
1) Pentafluorobenzene	5.562	168	96429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57145	49.343	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.680%
35) Dibromofluoromethane	5.391	113	49627	50.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	8.653	98	181732	49.595	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	66742	47.451	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	197	Below Cal		84
10) Methyl Iodide	2.465	142	446	0.343	ug/l #	76
14) Allyl chloride	2.538	41	616	0.373	ug/l #	66
16) Acetone	2.386	43	813	1.599	ug/l	95
17) Carbon Disulfide	2.520	76	495	0.203	ug/l #	74
31) Cyclohexane	5.562	56	1800	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6898	4.823	ug/l #	51
38) Carbon Tetrachloride	5.562	117	9531	6.389	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	727	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31921	25.492	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	31921	72.098	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.585	180	274	0.213	ug/l	80
94) Hexachlorobutadiene	13.731	225	144	0.270	ug/l #	30

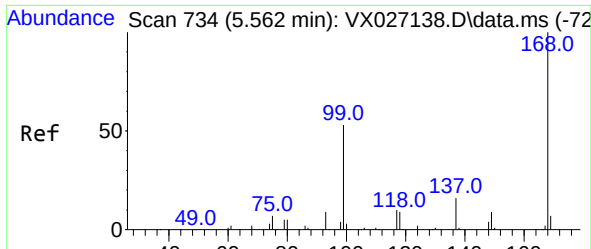
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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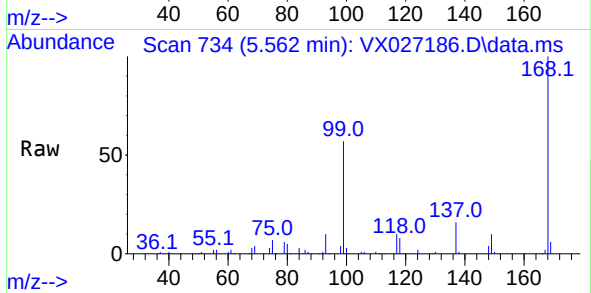
Quant Time: Feb 25 23:17:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



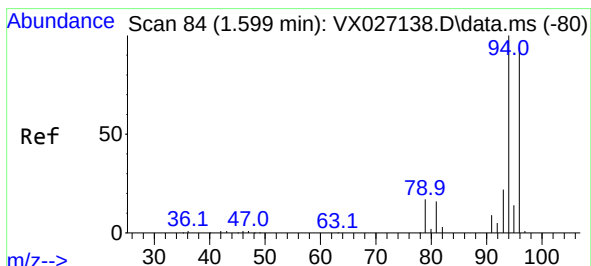
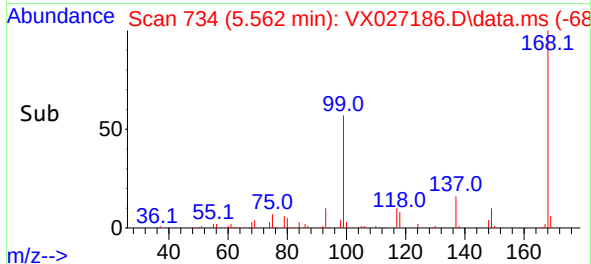
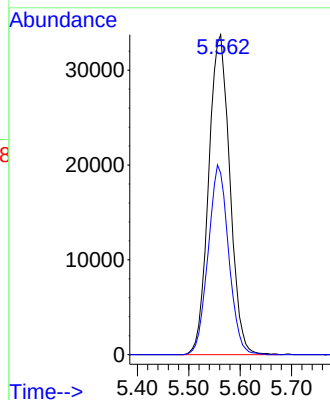


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Instrument :
MSVOA_X
ClientSampleId :
MW-1

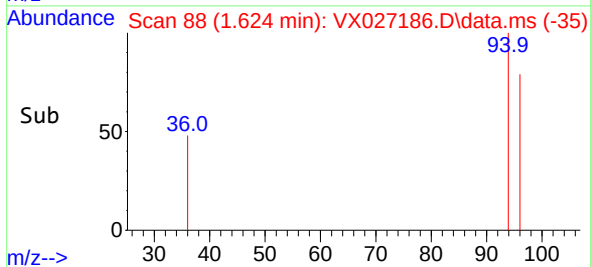
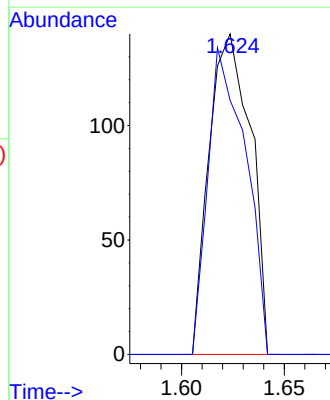
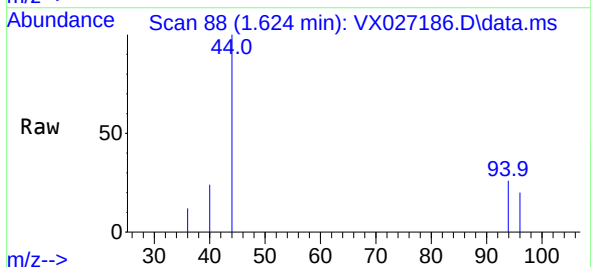


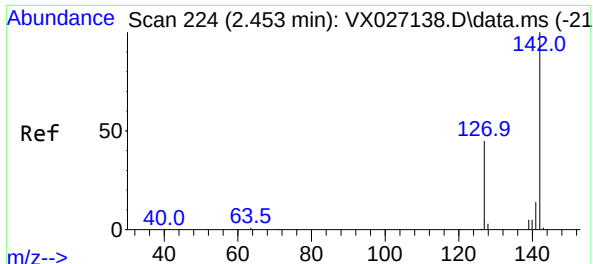
Tgt Ion:168 Resp: 96429
Ion Ratio Lower Upper
168 100
99 56.7 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion: 94 Resp: 197
Ion Ratio Lower Upper
94 100
96 79.3 75.9 113.9

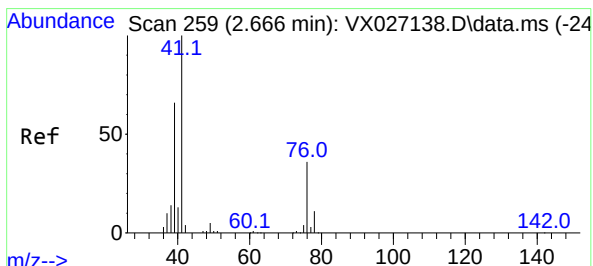
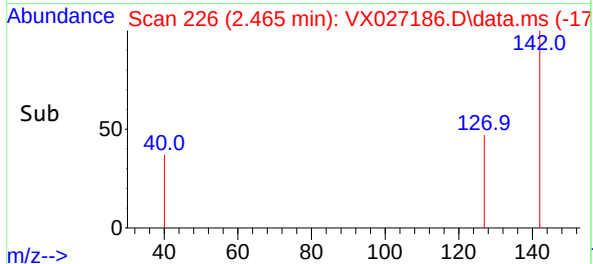
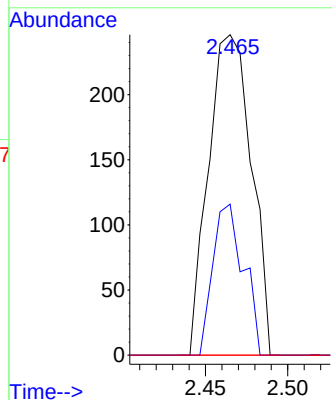
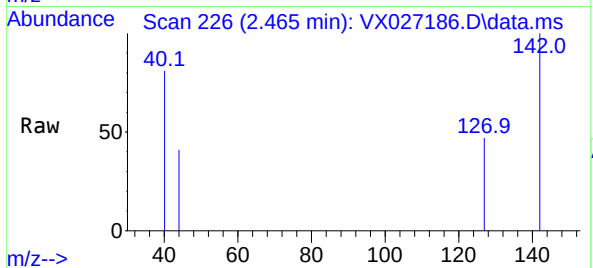




#10
Methyl Iodide
Concen: 0.343 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

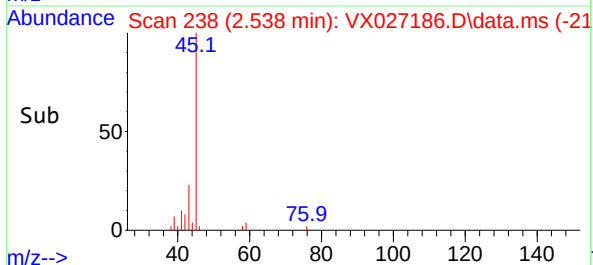
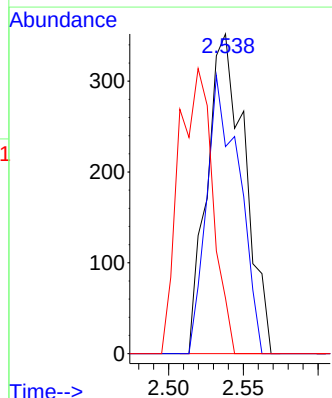
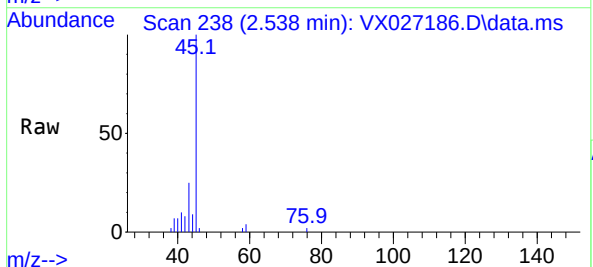
Instrument :
MSVOA_X
ClientSampleId :
MW-1

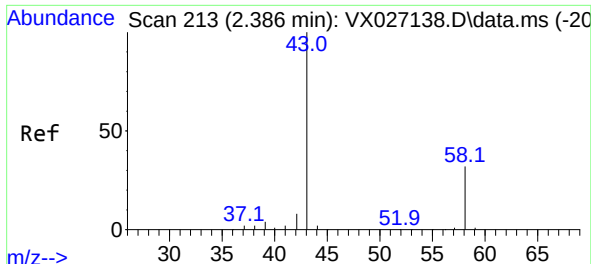
Tgt Ion:142 Resp: 446
Ion Ratio Lower Upper
142 100
127 33.6 38.1 57.1#
141 0.0 11.2 16.8#



#14
Allyl chloride
Concen: 0.373 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.128 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion: 41 Resp: 616
Ion Ratio Lower Upper
41 100
39 75.2 54.2 81.4
76 80.4 25.2 37.8#

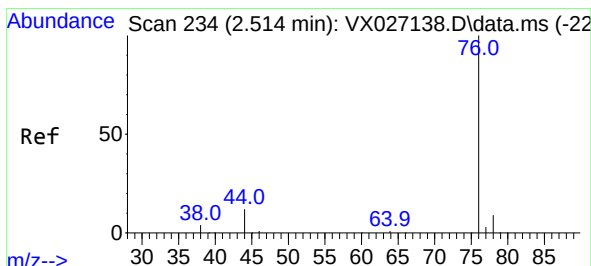
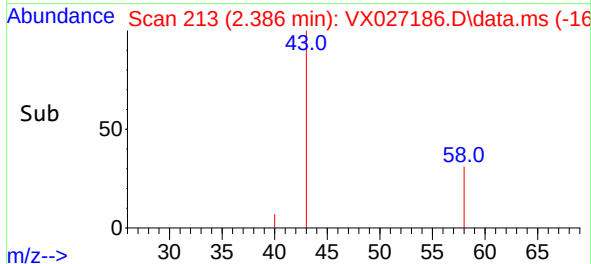
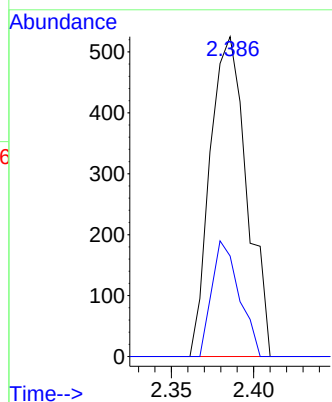
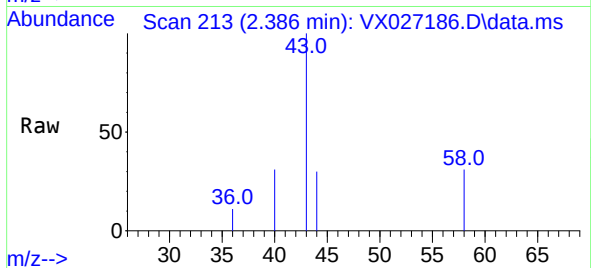




#16
Acetone
Concen: 1.599 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

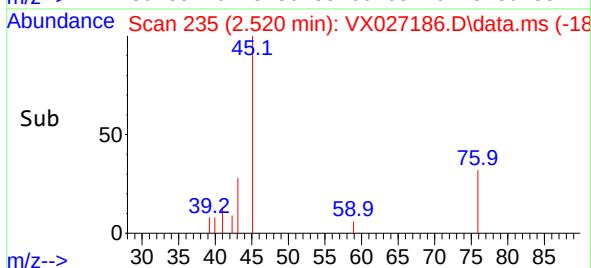
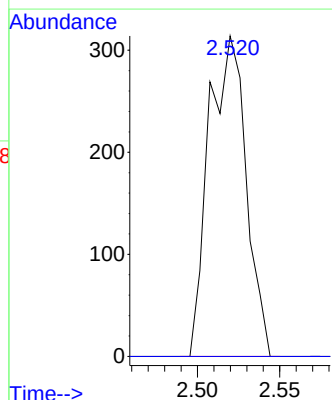
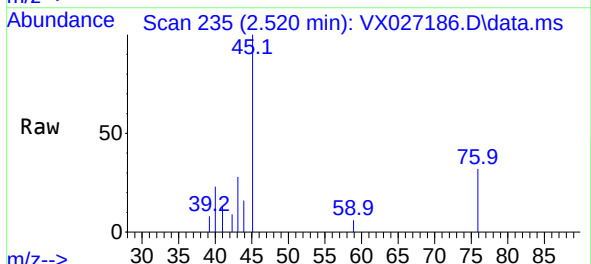
Instrument : MSVOA_X
ClientSampleId : MW-1

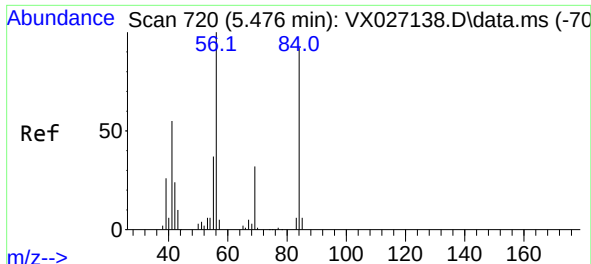
Tgt Ion: 43 Resp: 813
Ion Ratio Lower Upper
43 100
58 31.4 23.0 34.6



#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion: 76 Resp: 495
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

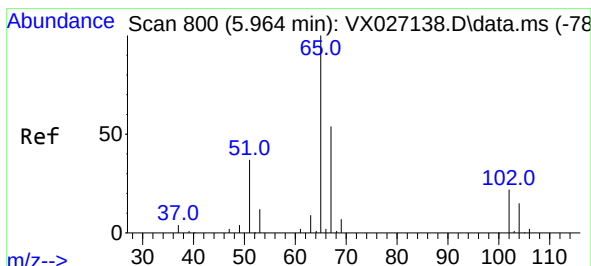
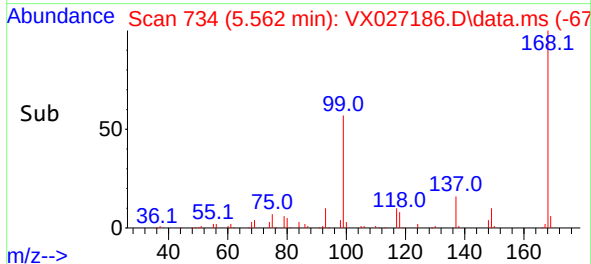
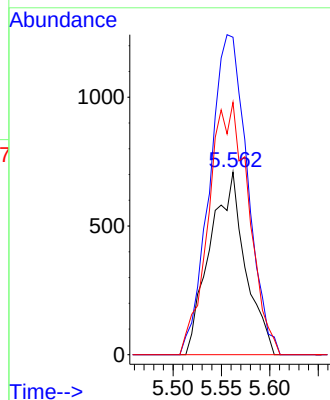
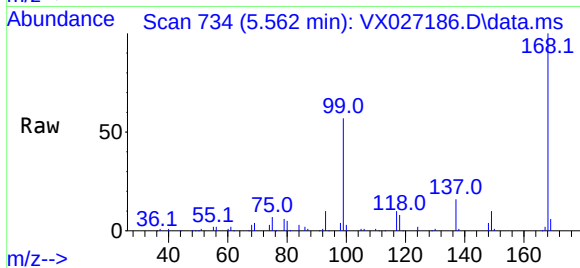




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

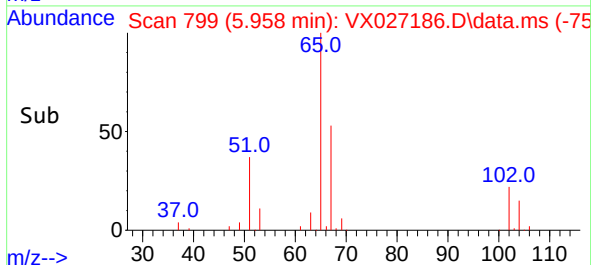
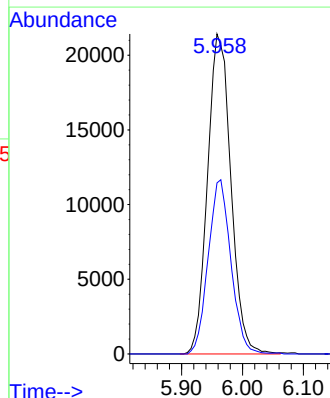
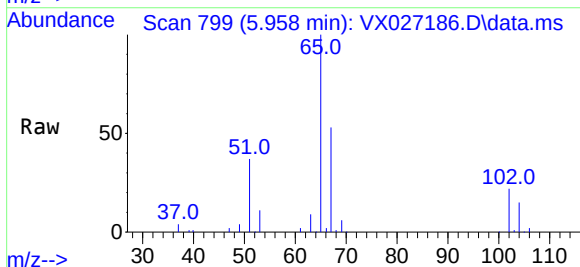
Instrument :
MSVOA_X
ClientSampleId :
MW-1

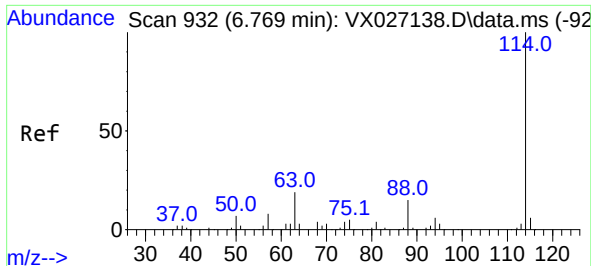
Tgt Ion: 56 Resp: 1800
Ion Ratio Lower Upper
56 100
69 173.9 25.8 38.6#
84 138.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.343 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion: 65 Resp: 57145
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.8

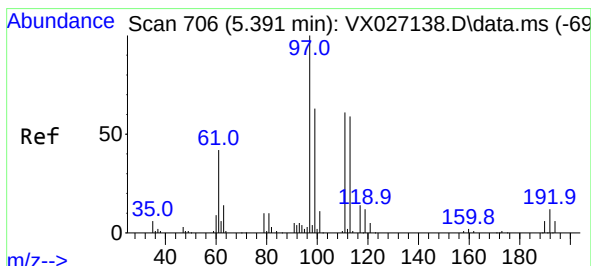
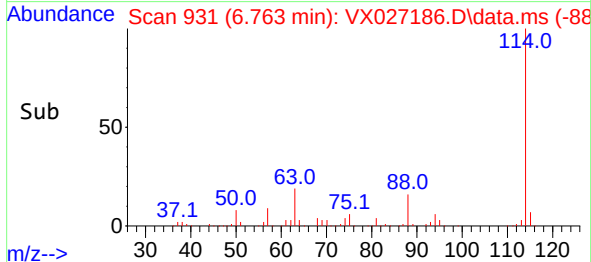
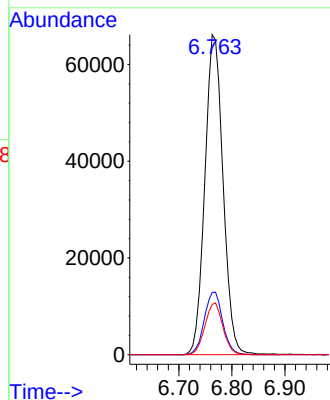
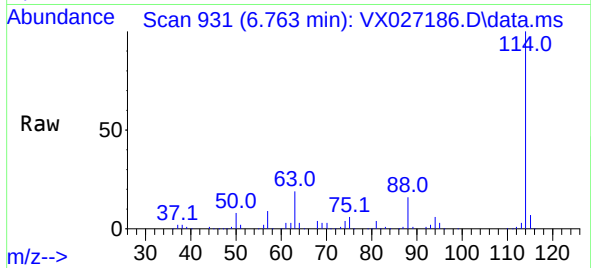




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

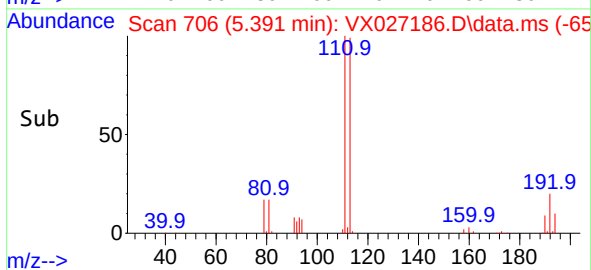
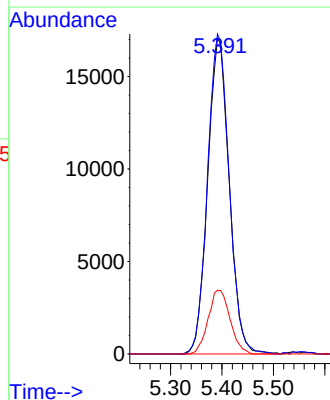
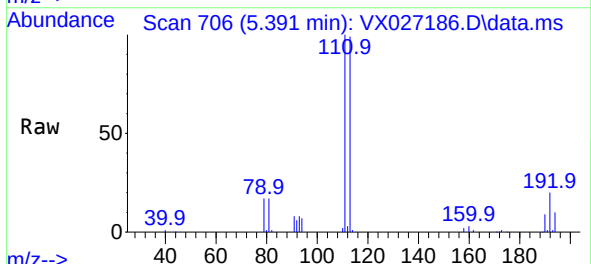
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ClientSampleId :
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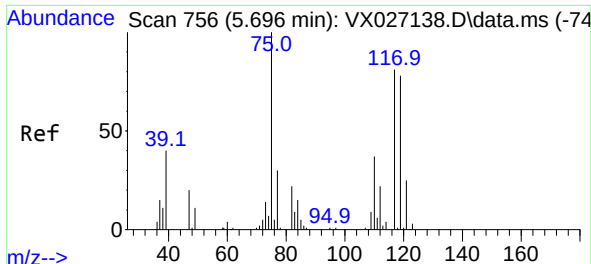
Tgt Ion:114 Resp: 157880
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.8
88 15.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.640 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion:113 Resp: 49627
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 20.5 15.0 22.4

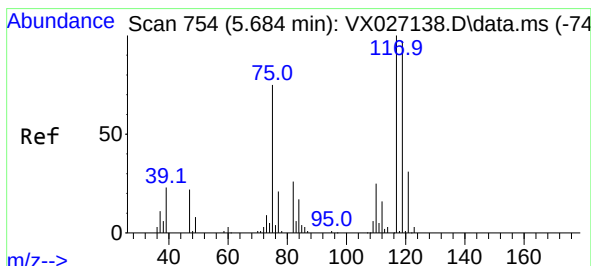
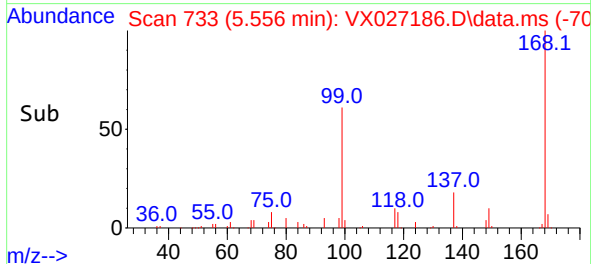
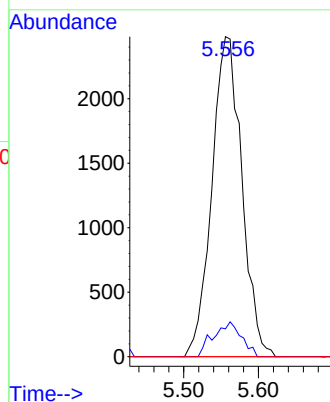
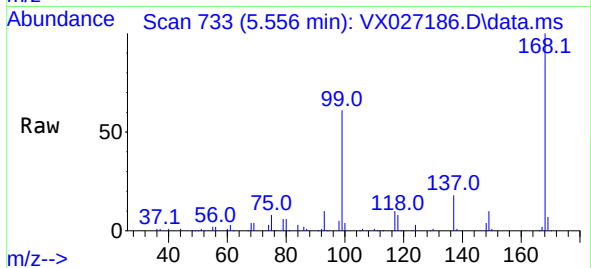




#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

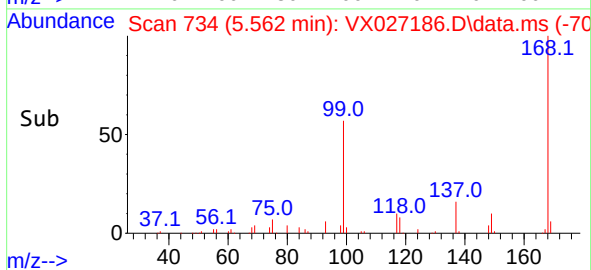
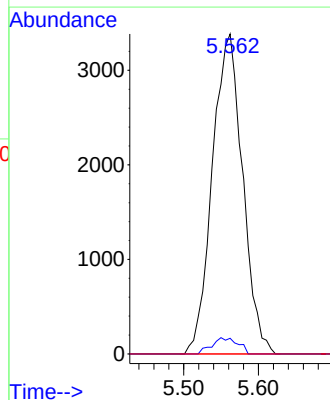
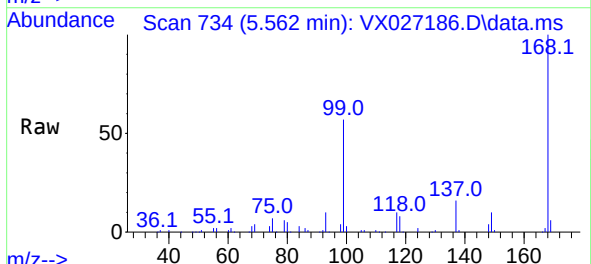
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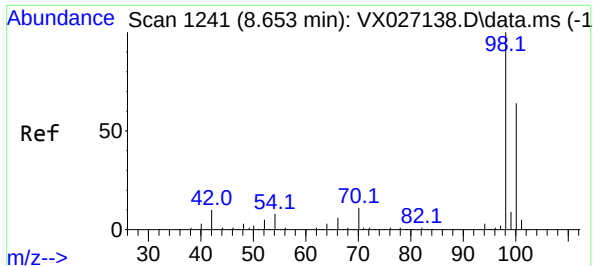
Tgt Ion: 75 Resp: 6898
Ion Ratio Lower Upper
75 100
110 10.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.389 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion: 117 Resp: 9531
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 49.595 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027186.D

Acq: 25 Feb 2022 14:09

Instrument :

MSVOA_X

ClientSampleId :

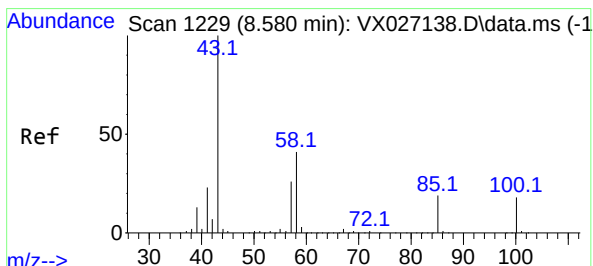
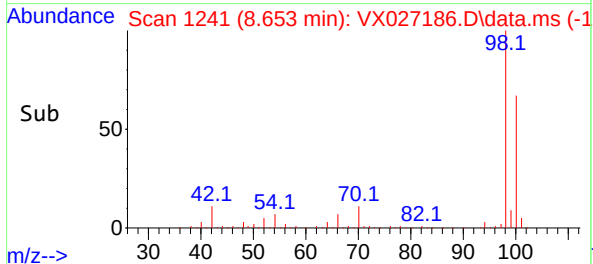
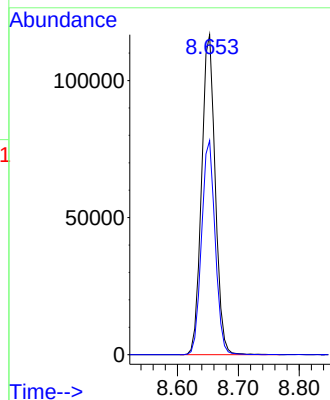
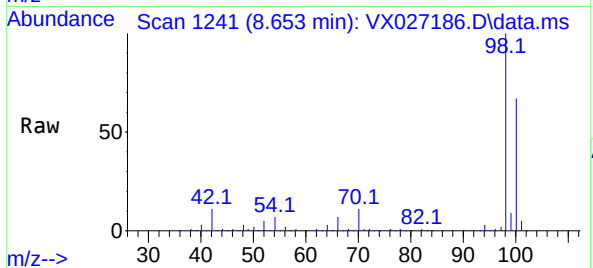
MW-1

Tgt Ion: 98 Resp: 181732

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.463 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX027186.D

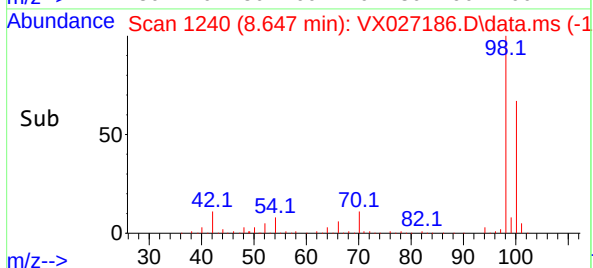
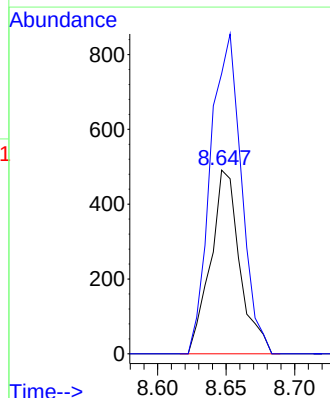
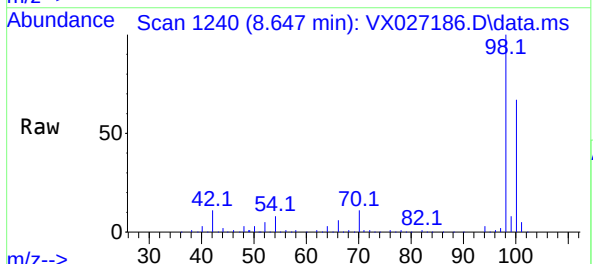
Acq: 25 Feb 2022 14:09

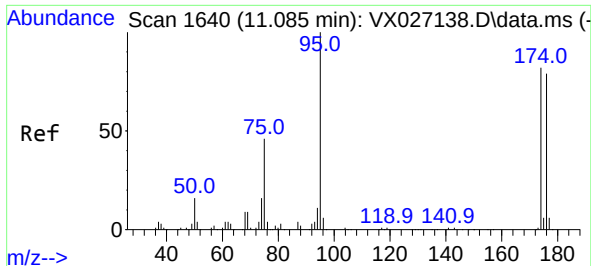
Tgt Ion: 43 Resp: 727

Ion Ratio Lower Upper

43 100

58 184.3 30.5 45.7#

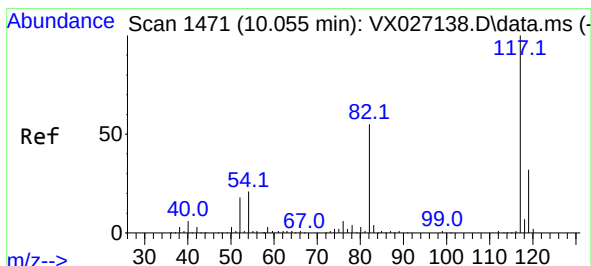
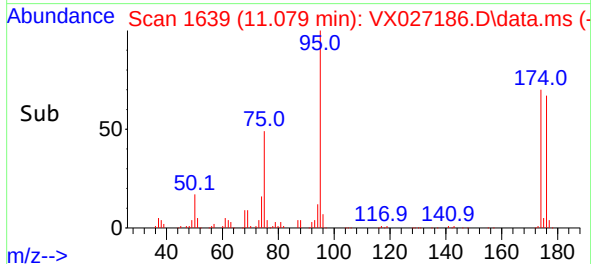
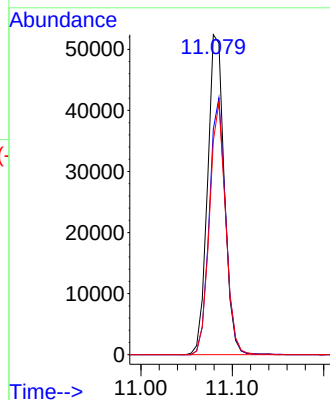
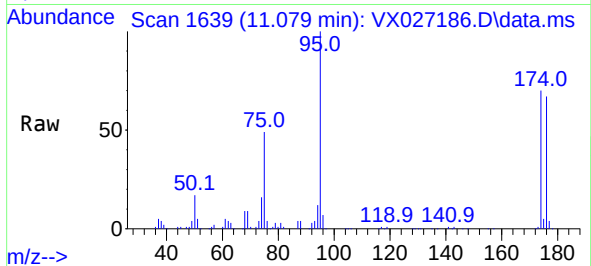




#62
4-Bromofluorobenzene
Concen: 47.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

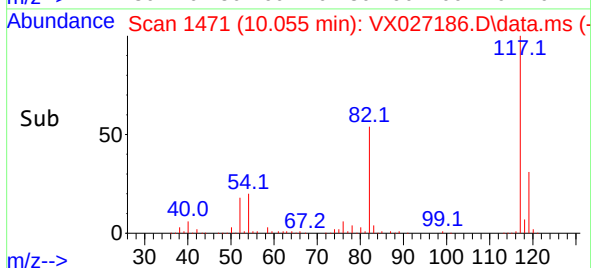
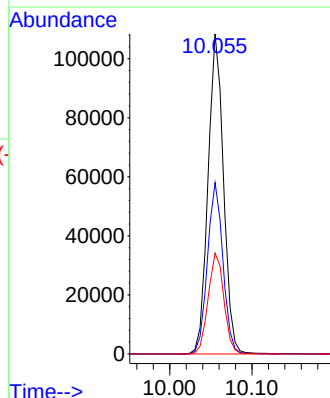
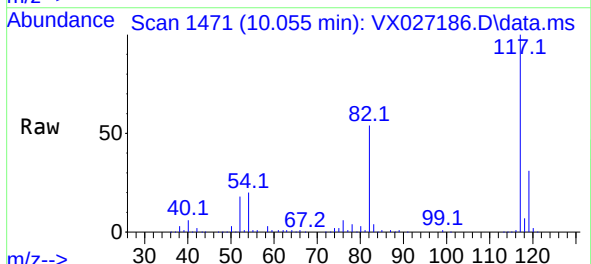
Instrument :
MSVOA_X
ClientSampleId :
MW-1

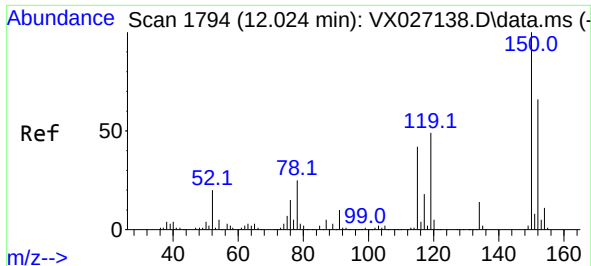
Tgt Ion: 95 Resp: 66742
Ion Ratio Lower Upper
95 100
174 78.1 0.0 148.6
176 75.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion: 117 Resp: 141867
Ion Ratio Lower Upper
117 100
82 53.6 45.2 67.8
119 31.5 26.2 39.2

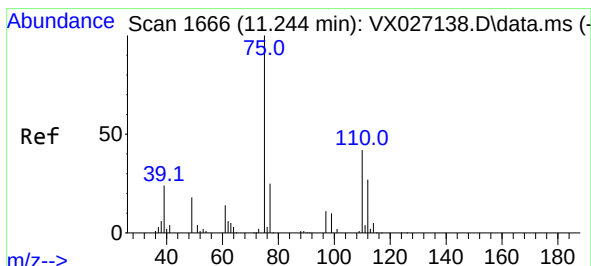
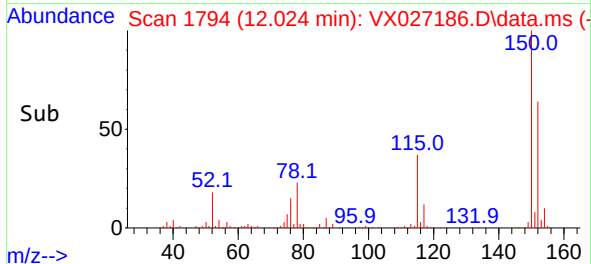
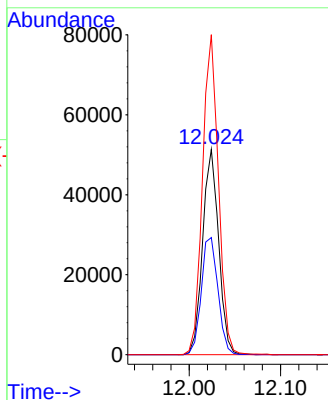
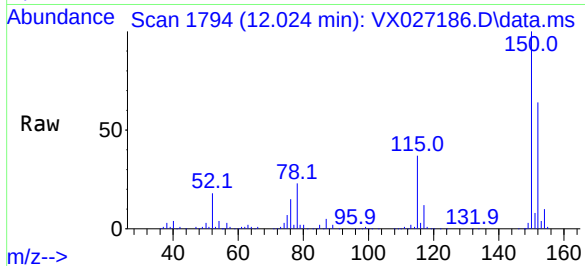




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

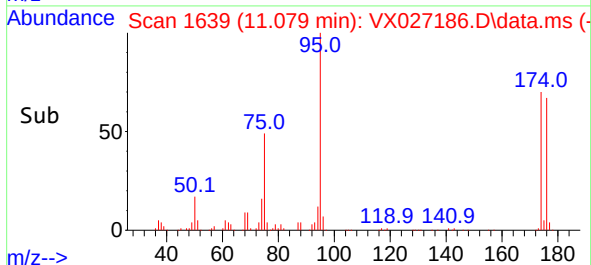
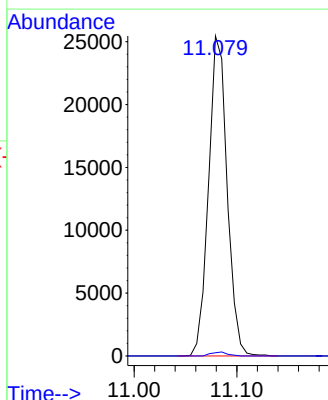
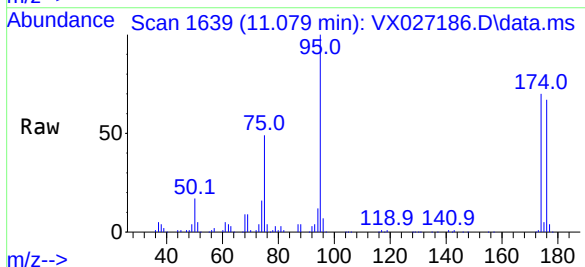
Instrument :
MSVOA_X
ClientSampleId :
MW-1

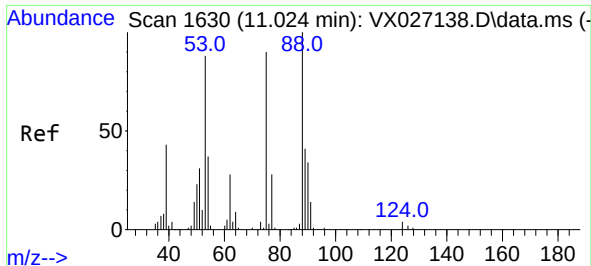
Tgt Ion:152 Resp: 62168
Ion Ratio Lower Upper
152 100
115 59.6 44.2 132.6
150 155.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.492 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion: 75 Resp: 31921
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

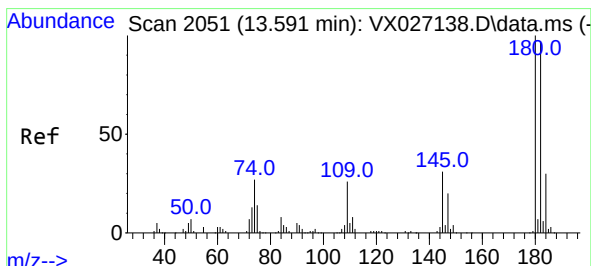
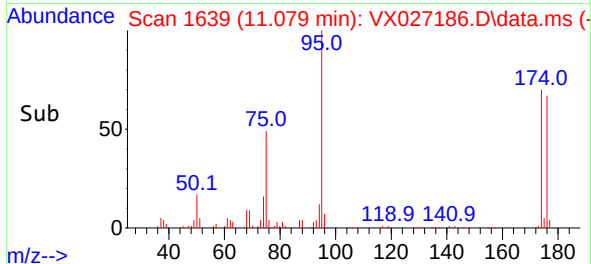
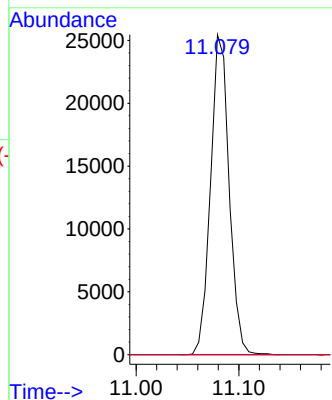
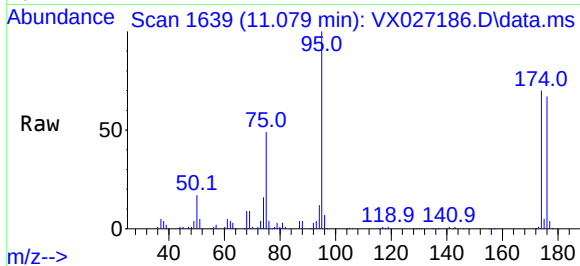




#81
trans-1,4-Dichloro-2-butene
Concen: 72.098 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

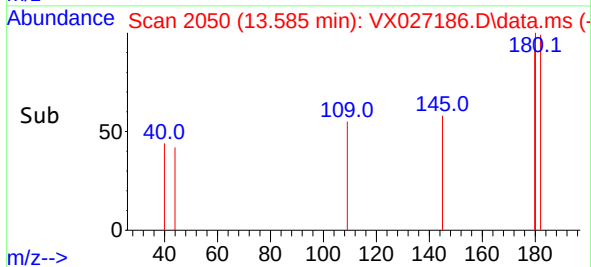
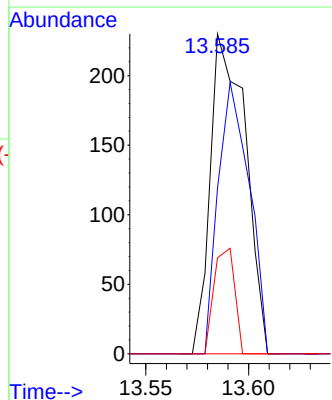
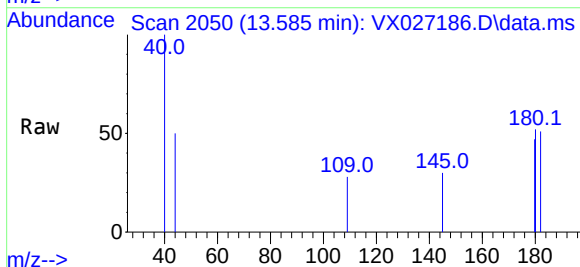
Instrument :
MSVOA_X
ClientSampleId :
MW-1

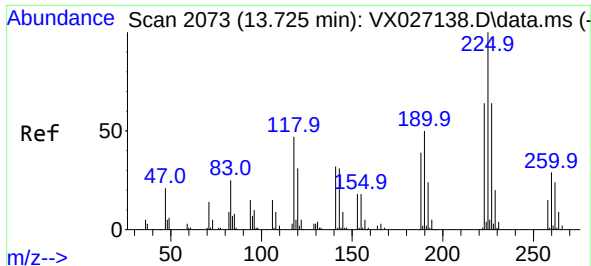
Tgt Ion: 75 Resp: 31921
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX027186.D
Acq: 25 Feb 2022 14:09

Tgt Ion:180 Resp: 274
Ion Ratio Lower Upper
180 100
182 75.2 46.7 140.0
145 19.3 16.3 48.8





#94

Hexachlorobutadiene

Concen: 0.270 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX027186.D

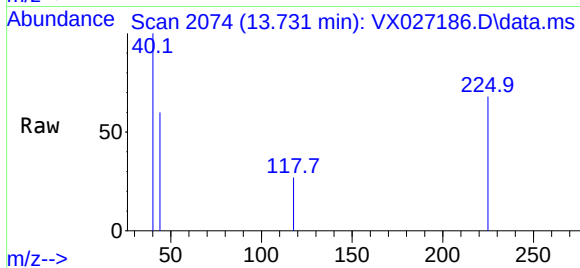
Acq: 25 Feb 2022 14:09

Instrument :

MSVOA_X

ClientSampleId :

MW-1



Tgt Ion:225 Resp: 144

Ion Ratio Lower Upper

225 100

223 0.0 32.0 96.0#

227 18.1 32.3 96.9#

