

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026954.D
 Acq On : 11 Feb 2022 05:26
 Operator : JC/MD
 Sample : N1497-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7D

Quant Time: Feb 11 07:36:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

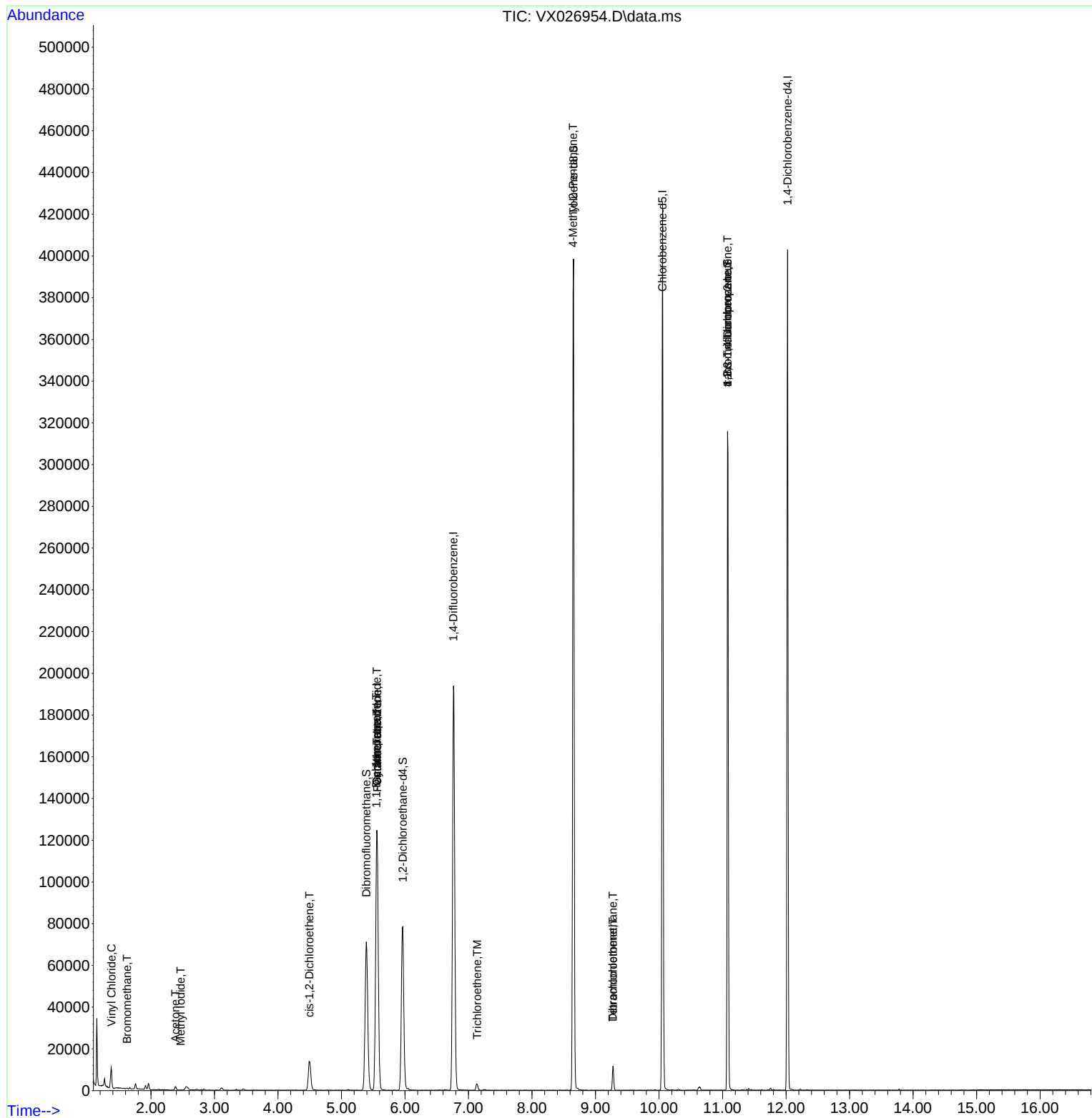
Internal Standards						
1) Pentafluorobenzene	5.562	168	118759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77192	54.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.300%	
35) Dibromofluoromethane	5.391	113	63160	53.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.180%	
50) Toluene-d8	8.652	98	236240	54.094	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	11.079	95	87951	57.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.400%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.379	62	722	0.574	ug/l	96
5) Bromomethane	1.623	94	145	0.272	ug/l #	57
10) Methyl Iodide	2.465	142	28	2.270	ug/l #	37
16) Acetone	2.385	43	2043	3.263	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	9064	6.173	ug/l	87
31) Cyclohexane	5.555	56	2374	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	9101	4.849	ug/l #	49
38) Carbon Tetrachloride	5.555	117	12035	6.115	ug/l #	17
44) Trichloroethene	7.134	130	1234	0.751	ug/l	86
51) 4-Methyl-2-Pentanone	8.646	43	1024	0.515	ug/l #	1
60) Dibromochloromethane	9.274	129	1991	1.476	ug/l #	11
64) Tetrachloroethene	9.274	164	2306	1.241	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	43636	25.040	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43636	76.372	ug/l #	3

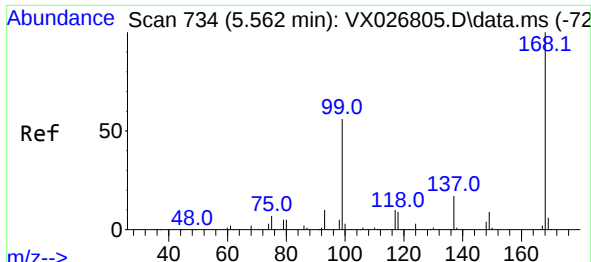
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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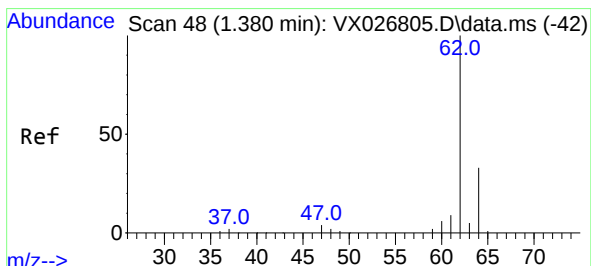
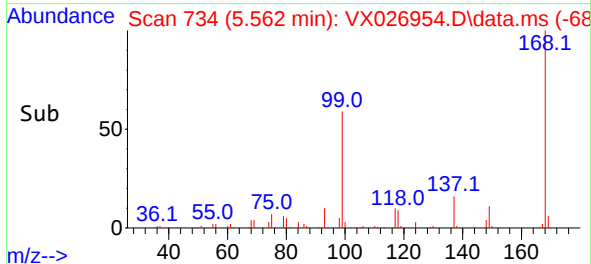
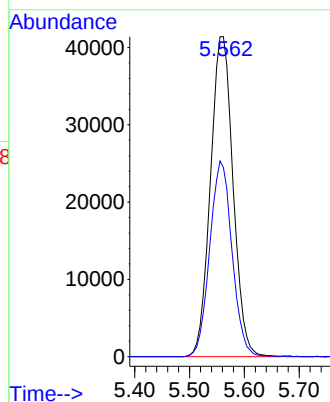
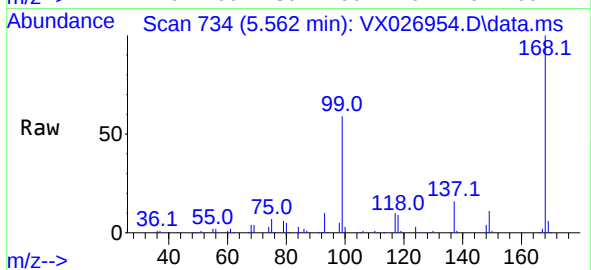




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

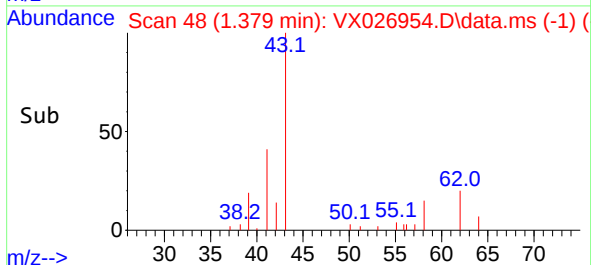
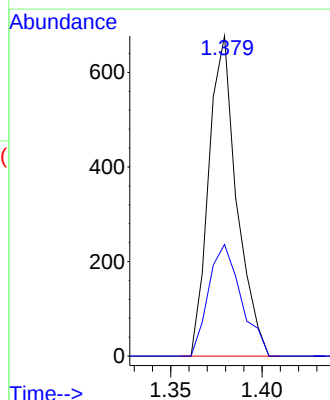
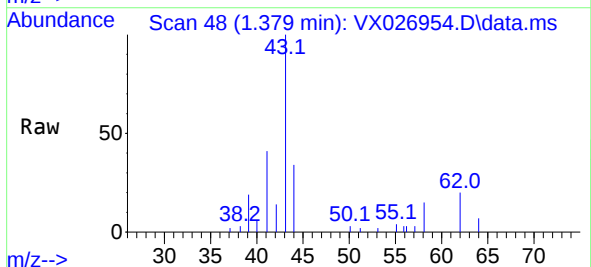
Instrument :
MSVOA_X
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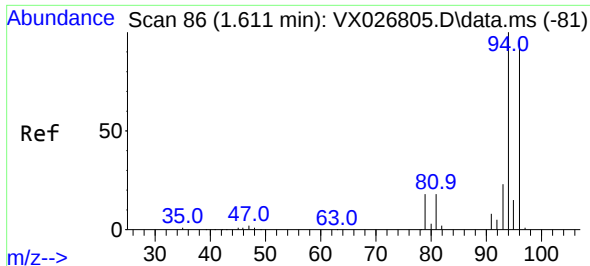
Tgt Ion:168 Resp: 118759
Ion Ratio Lower Upper
168 100
99 59.1 50.3 75.5



#4
Vinyl Chloride
Concen: 0.574 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion: 62 Resp: 722
Ion Ratio Lower Upper
62 100
64 34.9 26.2 39.2

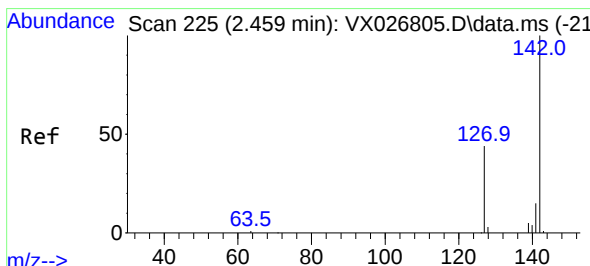
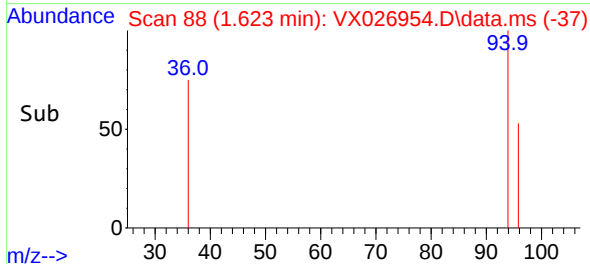
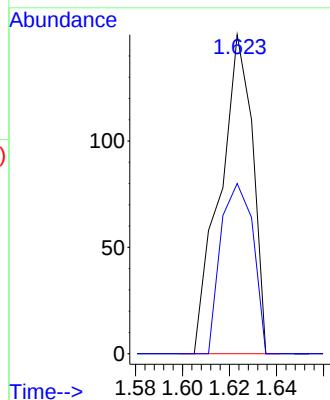
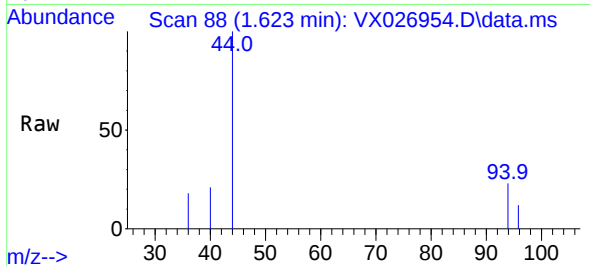




#5
Bromomethane
Concen: 0.272 ug/l
RT: 1.623 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

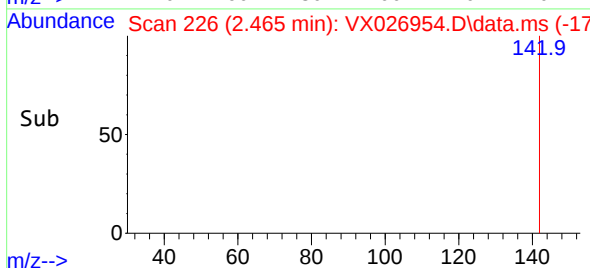
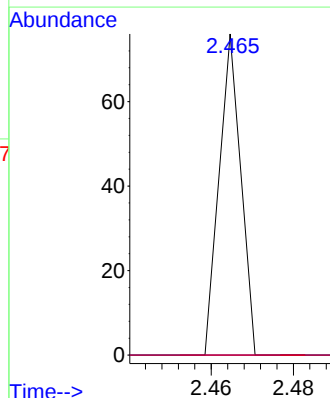
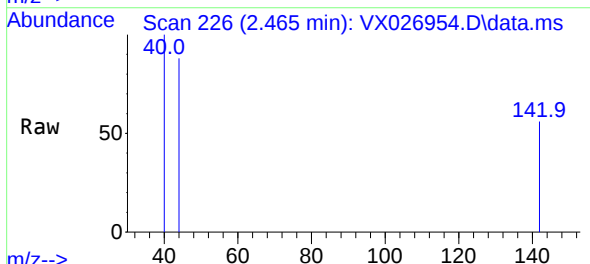
Instrument :
MSVOA_X
Client SampleId :
MW-7D

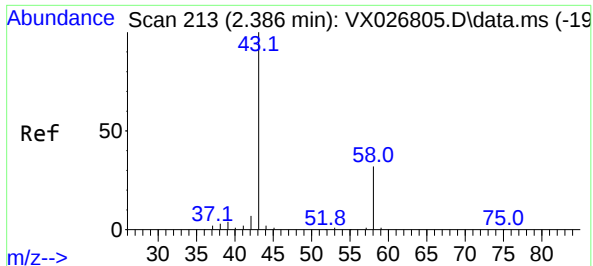
Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 53.3 75.9 113.9#



#10
Methyl Iodide
Concen: 2.270 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion: 142 Resp: 28
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

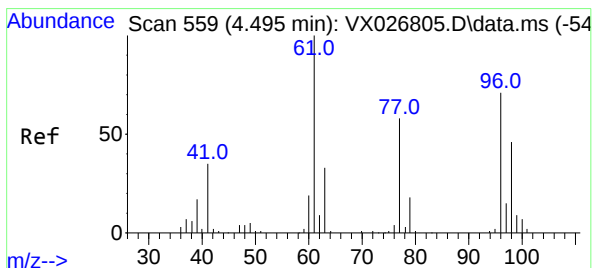
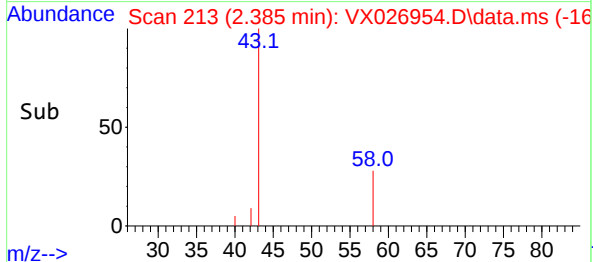
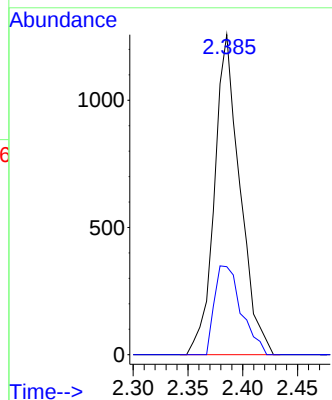
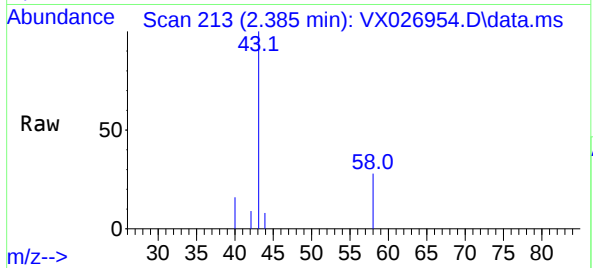




#16
Acetone
Concen: 3.263 ug/l
RT: 2.385 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

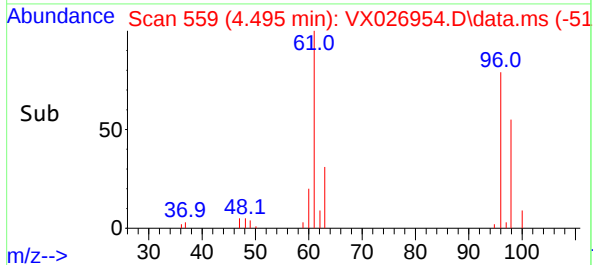
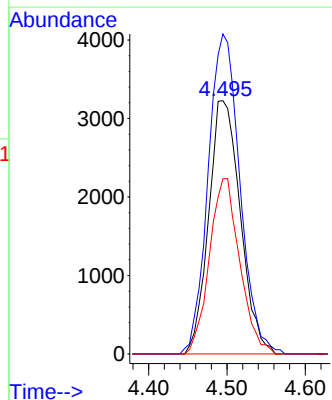
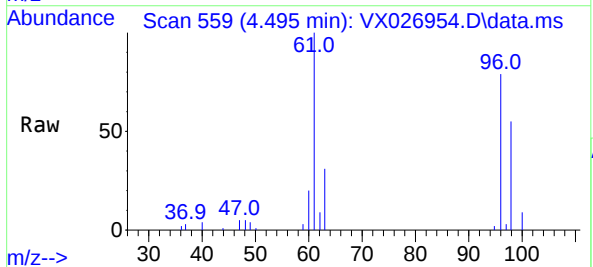
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

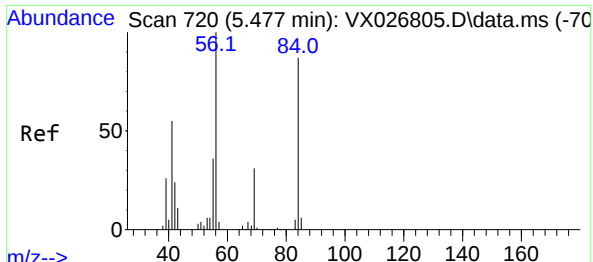
Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 27.5 23.0 34.6



#27
cis-1,2-Dichloroethene
Concen: 6.173 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

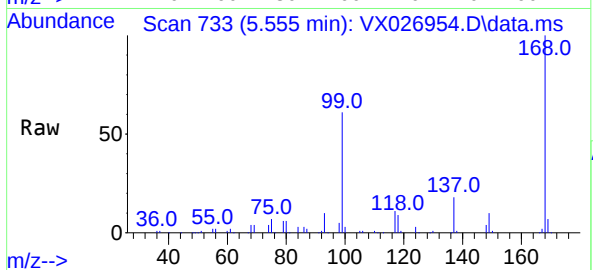
Tgt Ion: 96 Resp: 9064
Ion Ratio Lower Upper
96 100
61 126.9 0.0 296.6
98 66.4 0.0 128.8



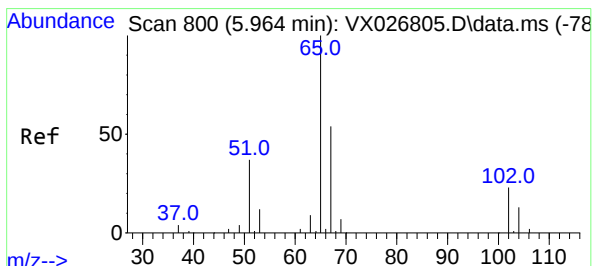
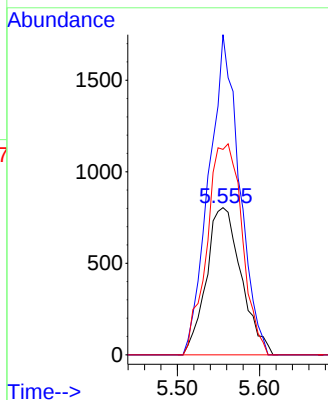
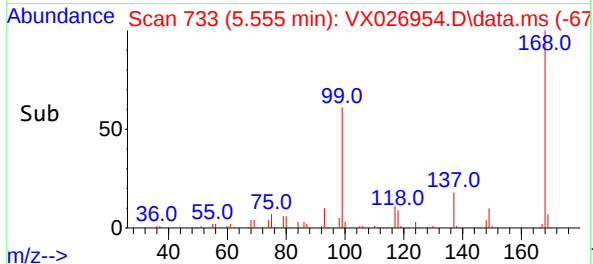


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Instrument :
MSVOA_X
ClientSampleId :
MW-7D

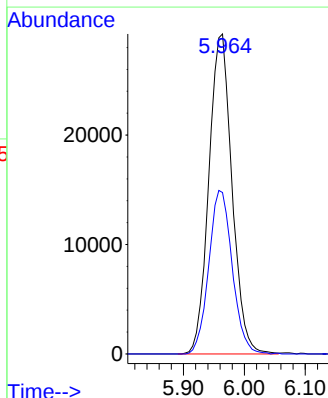
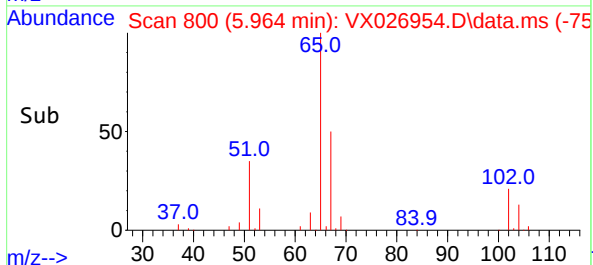
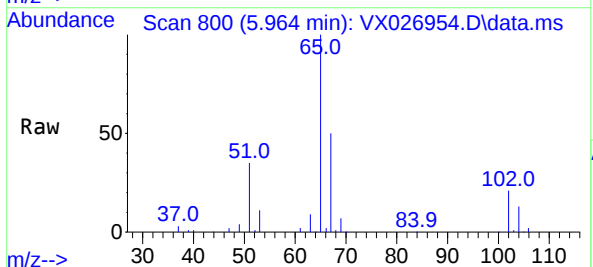


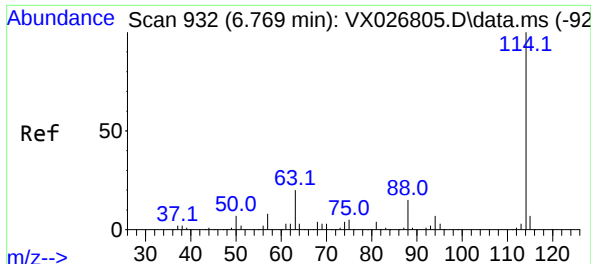
Tgt Ion: 56 Resp: 2374
Ion Ratio Lower Upper
56 100
69 217.5 25.8 38.6#
84 139.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.148 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion: 65 Resp: 77192
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

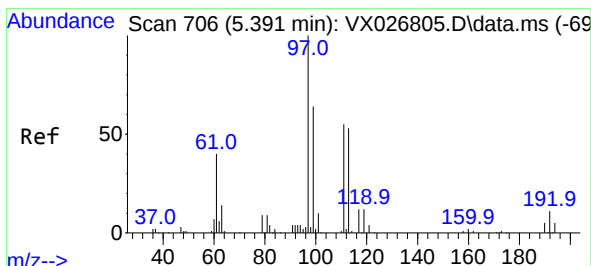
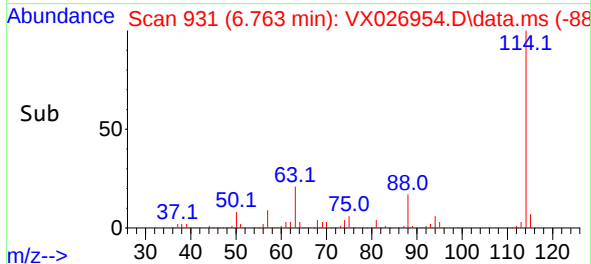
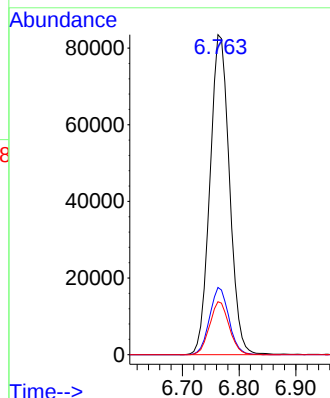
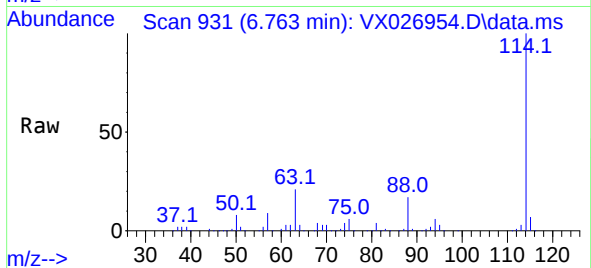




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

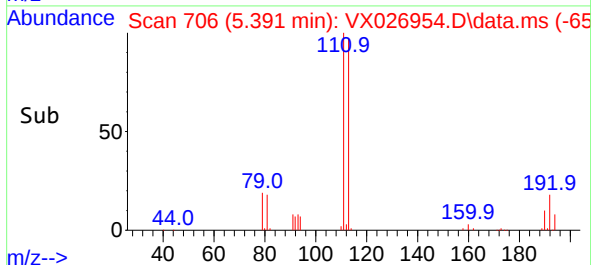
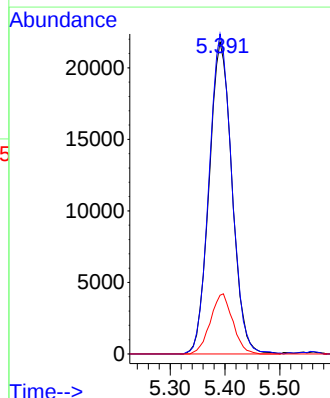
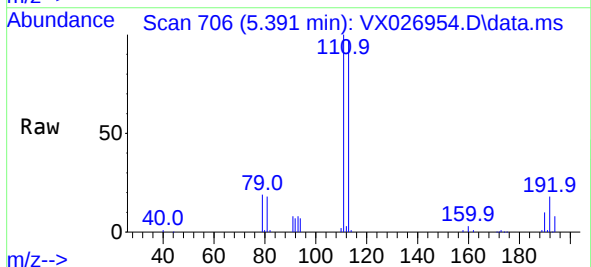
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ClientSampleId :
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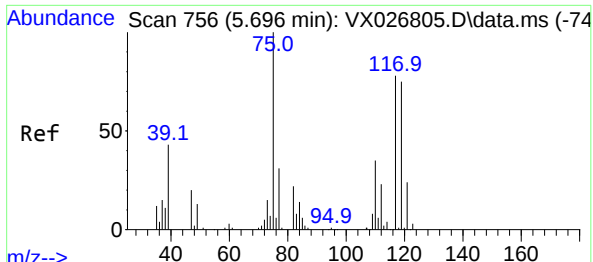
Tgt Ion:114 Resp: 199696
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.087 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion:113 Resp: 63160
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 18.8 15.0 22.4

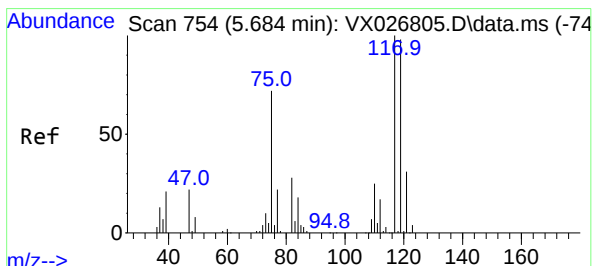
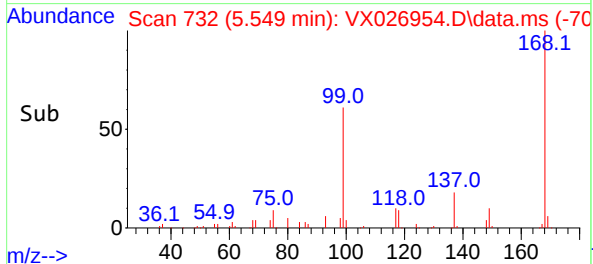
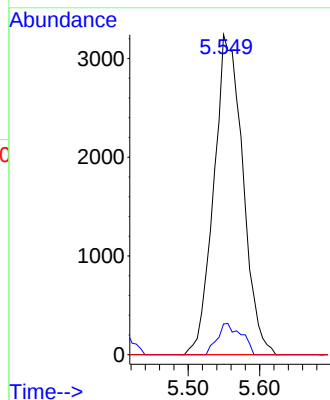
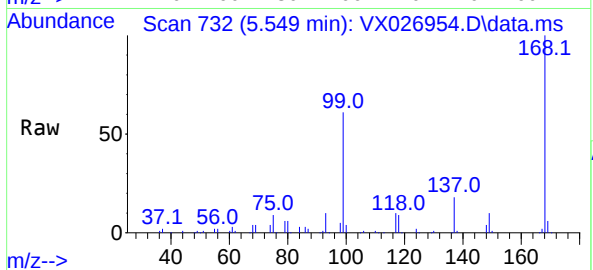




#36
1,1-Dichloropropene
Concen: 4.849 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

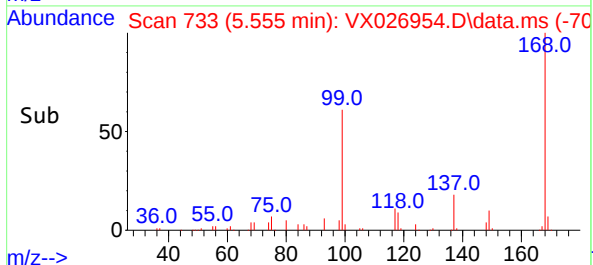
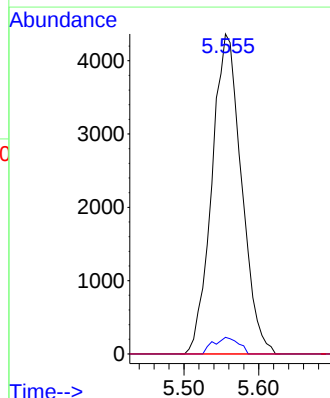
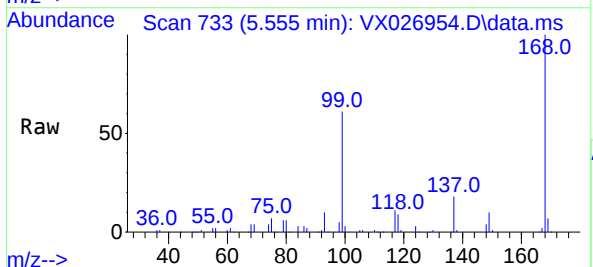
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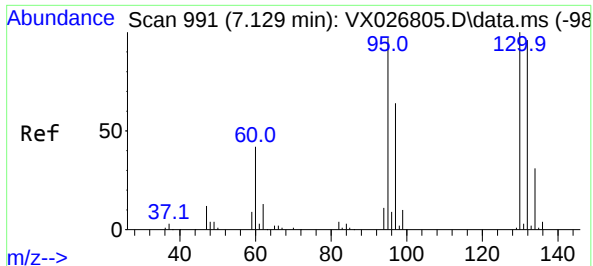
Tgt Ion: 75 Resp: 9101
Ion Ratio Lower Upper
75 100
110 8.1 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.115 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion: 117 Resp: 12035
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.4 38.0#

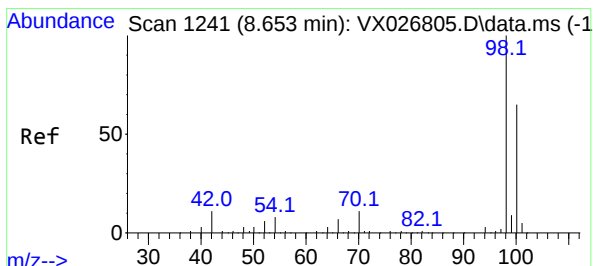
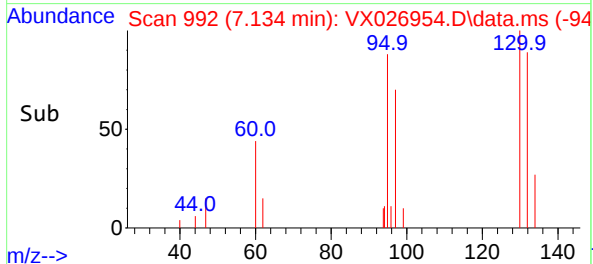
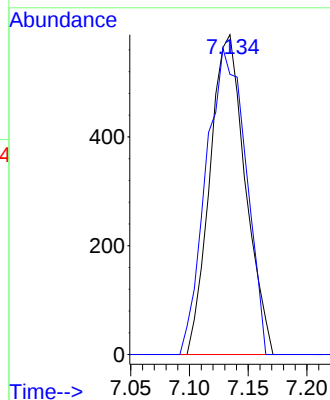
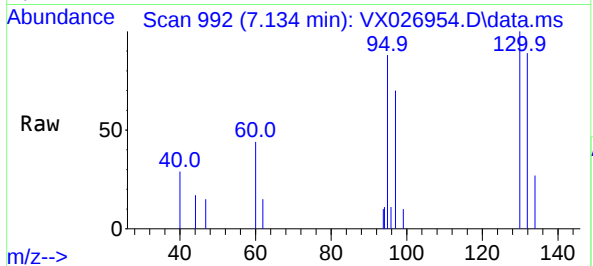




#44
Trichloroethene
Concen: 0.751 ug/l
RT: 7.134 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

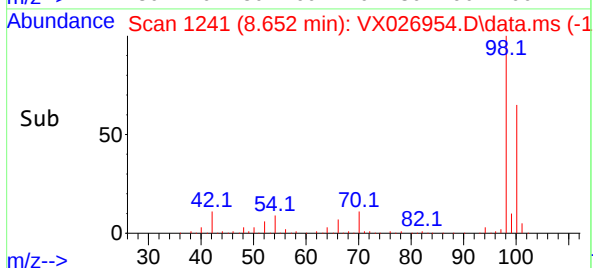
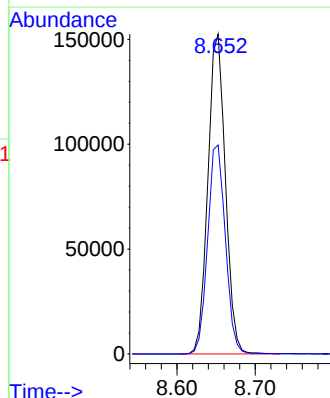
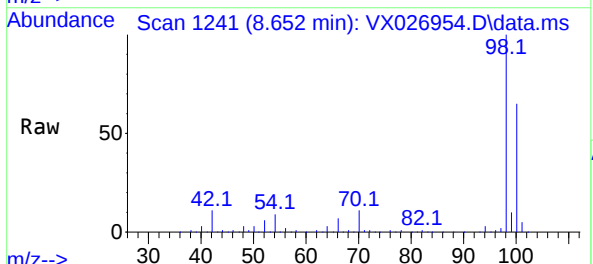
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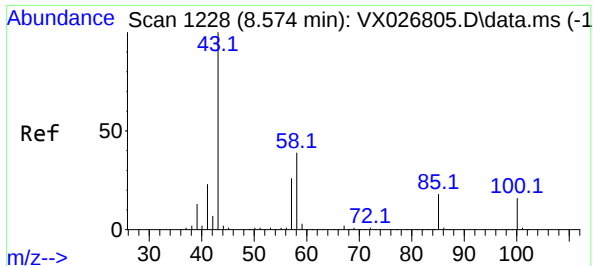
Tgt Ion:130 Resp: 1234
Ion Ratio Lower Upper
130 100
95 87.6 0.0 202.6



#50
Toluene-d8
Concen: 54.094 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion: 98 Resp: 236240
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.515 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026954.D

Acq: 11 Feb 2022 05:26

Instrument :

MSVOA_X

ClientSampleId :

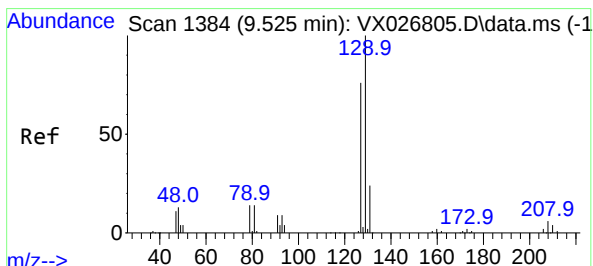
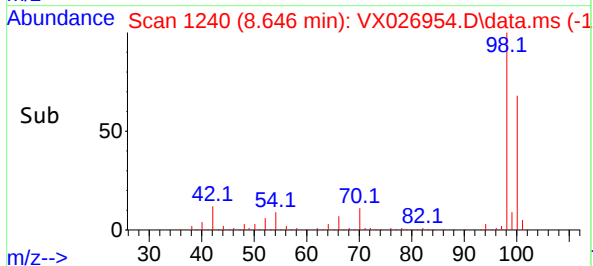
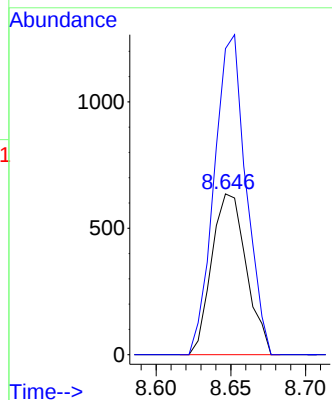
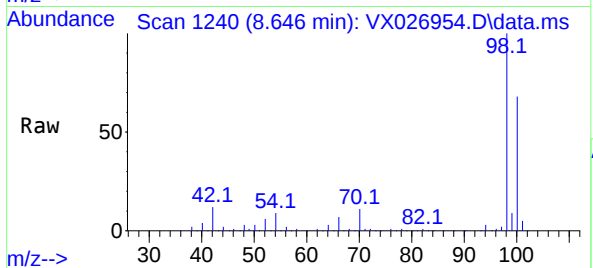
MW-7D

Tgt Ion: 43 Resp: 1024

Ion Ratio Lower Upper

43 100

58 183.1 30.5 45.7#



#60

Dibromochloromethane

Concen: 1.476 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX026954.D

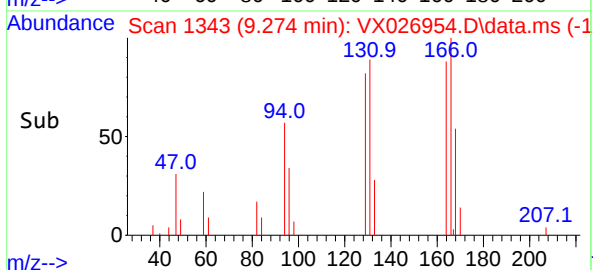
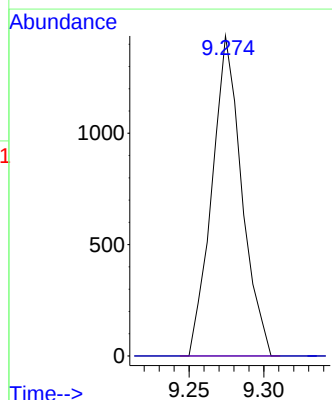
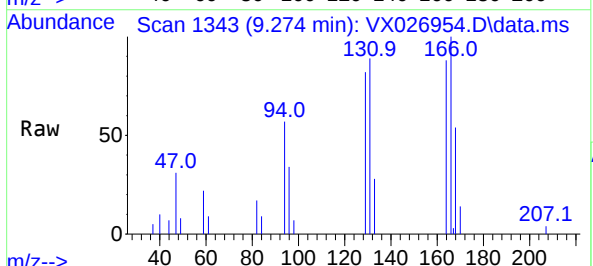
Acq: 11 Feb 2022 05:26

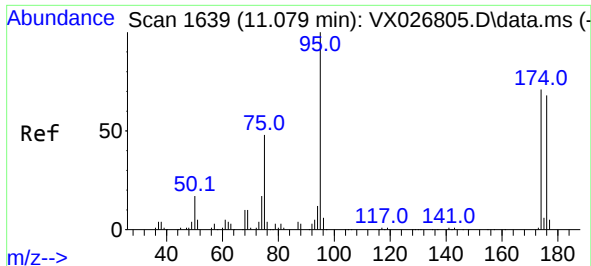
Tgt Ion: 129 Resp: 1991

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

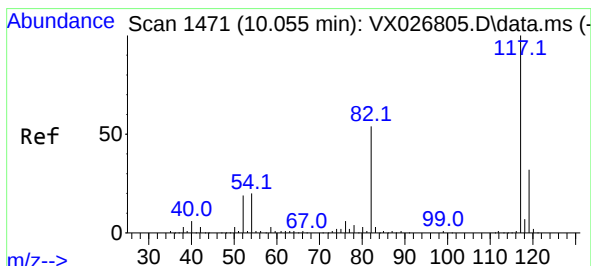
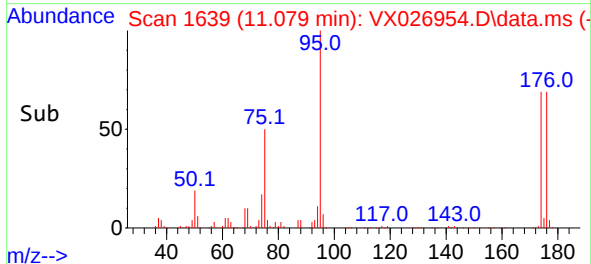
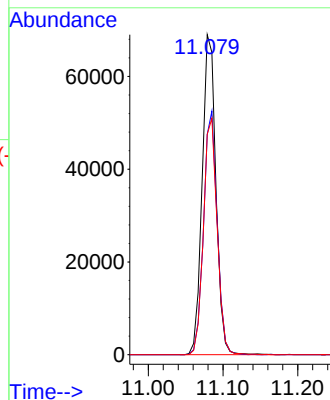
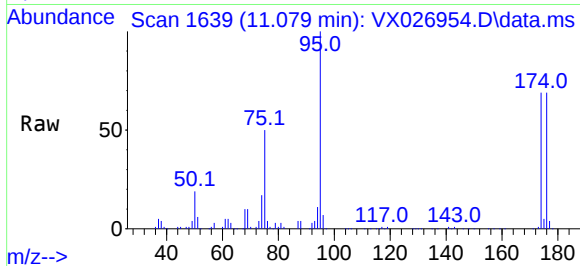




#62
4-Bromofluorobenzene
Concen: 57.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

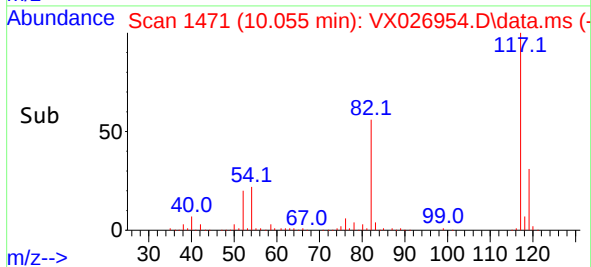
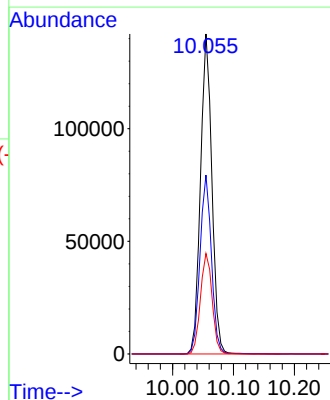
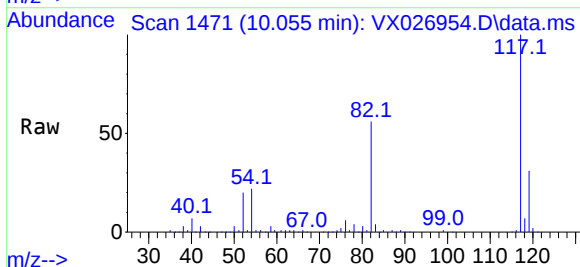
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

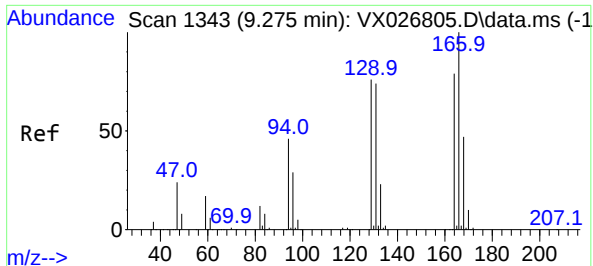
Tgt Ion: 95 Resp: 87951
Ion Ratio Lower Upper
95 100
174 74.8 0.0 148.6
176 73.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion: 117 Resp: 184938
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.4 26.2 39.2



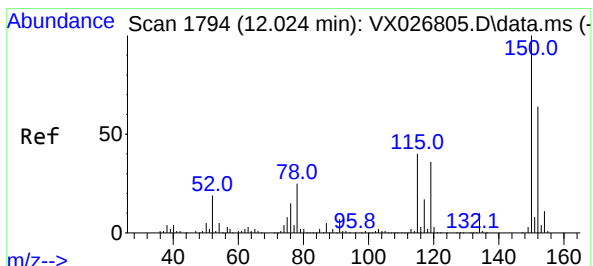
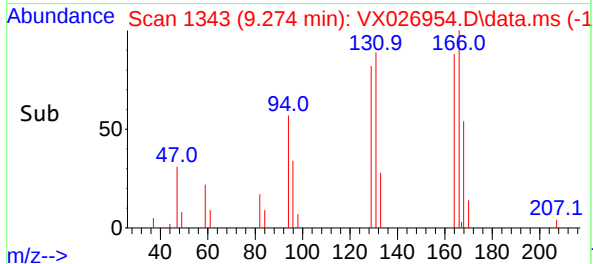
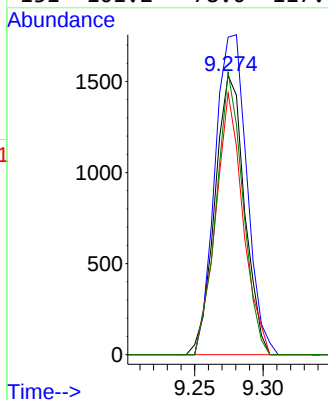
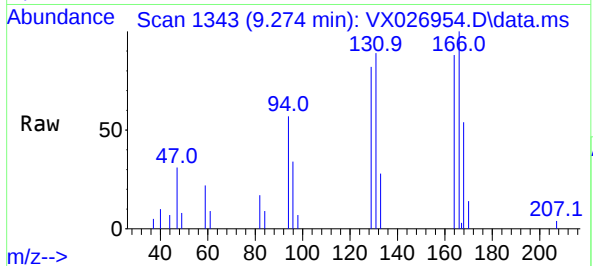


#64
Tetrachloroethene
Concen: 1.241 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Instrument :
MSVOA_X
ClientSampleId :
MW-7D

Tgt Ion:164 Resp: 2306

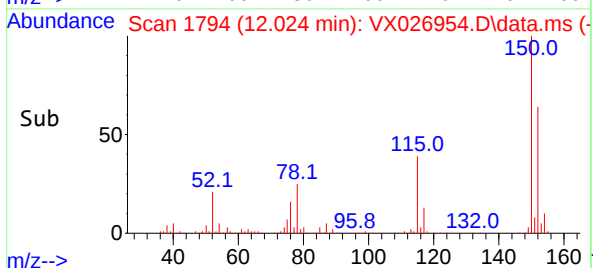
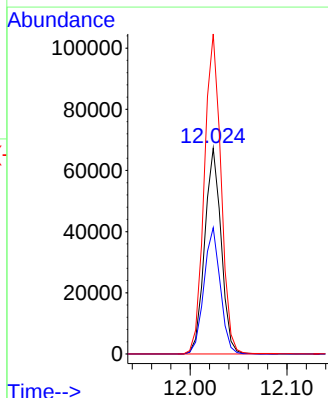
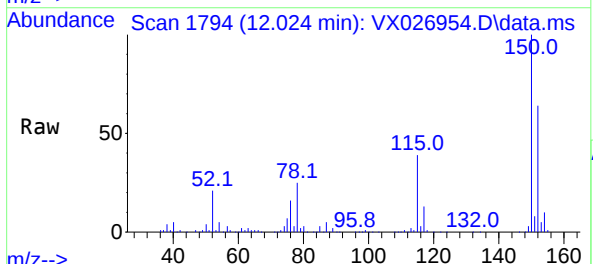
Ion	Ratio	Lower	Upper
164	100		
166	113.7	101.8	152.6
129	93.7	83.3	124.9
131	101.2	78.0	117.0

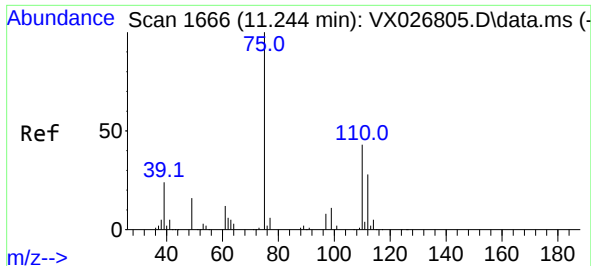


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion:152 Resp: 79608

Ion	Ratio	Lower	Upper
152	100		
115	61.0	44.2	132.6
150	158.0	0.0	348.2

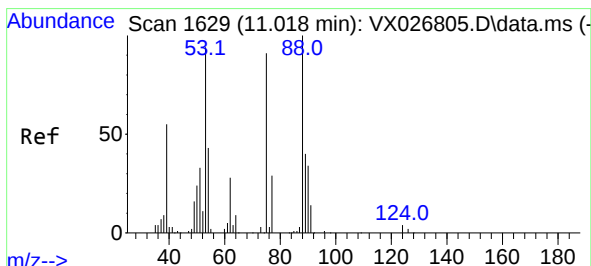
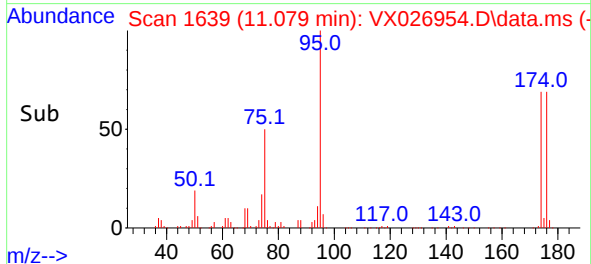
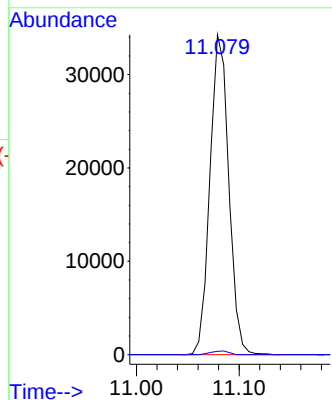
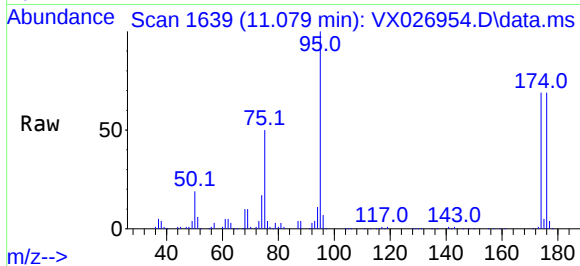




#76
1,2,3-Trichloropropane
Concen: 25.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Instrument :
MSVOA_X
ClientSampleId :
MW-7D

Tgt Ion: 75 Resp: 43636
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026954.D
Acq: 11 Feb 2022 05:26

Tgt Ion: 75 Resp: 43636
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

