

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030973.D
 Acq On : 31 Aug 2022 13:12
 Operator : JC/MD
 Sample : N4381-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Quant Time: Sep 06 02:16:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

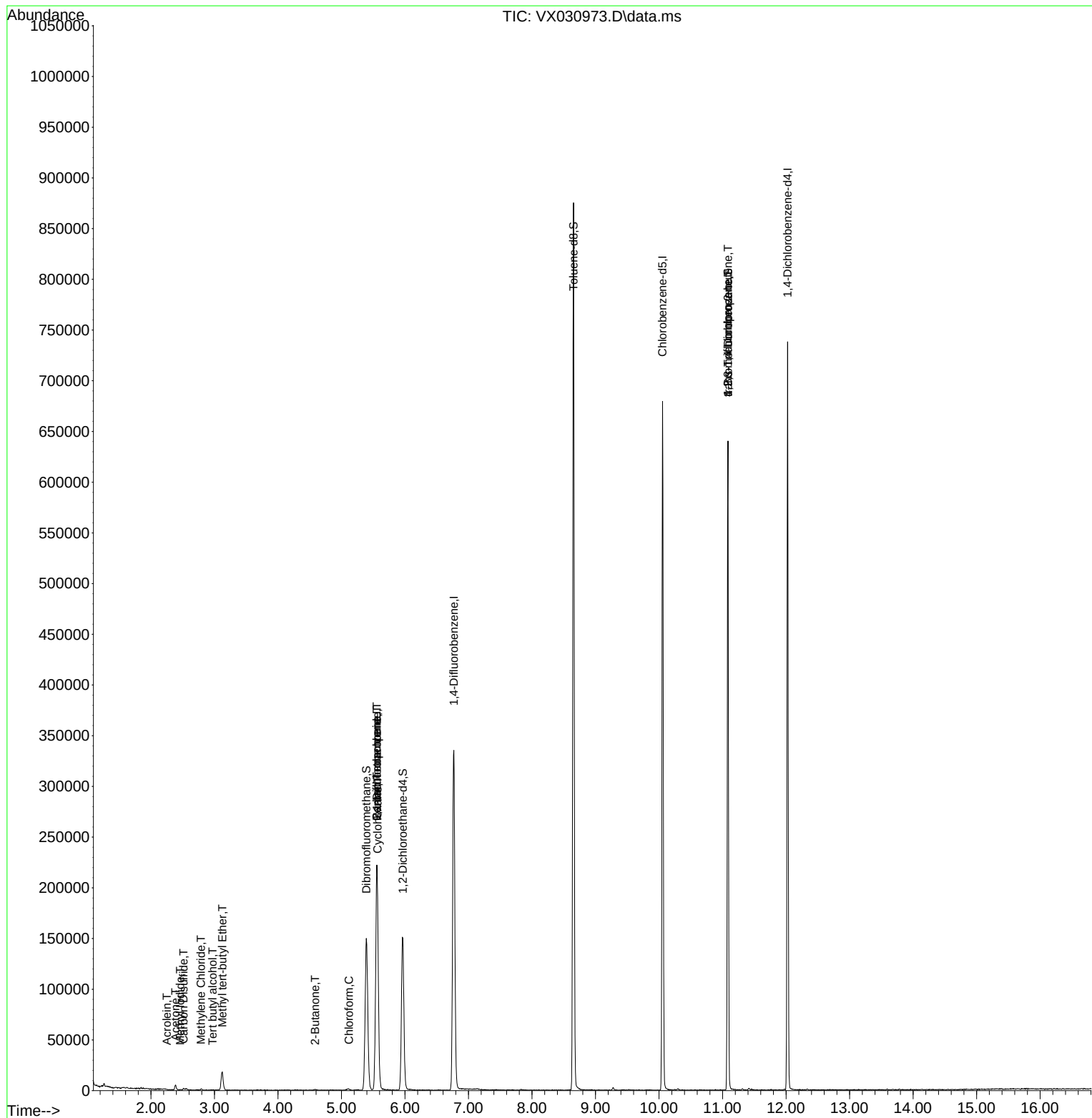
Internal Standards						
1) Pentafluorobenzene	5.556	168	215171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	367665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147562	47.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.620%
35) Dibromofluoromethane	5.391	113	135719	50.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	8.653	98	524617	52.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.540%
62) 4-Bromofluorobenzene	11.085	95	174820	48.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.820%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	328	Below Cal	#	69
10) Methyl Iodide	2.459	142	308	4.491	ug/l #	64
11) Tert butyl alcohol	2.971	59	155	0.212	ug/l #	74
13) Acrolein	2.251	56	60	7.431	ug/l #	75
16) Acetone	2.385	43	5149	3.697	ug/l	94
17) Carbon Disulfide	2.513	76	1607	0.233	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	20214	2.373	ug/l	91
20) Methylene Chloride	2.788	84	639	0.202	ug/l #	53
25) 2-Butanone	4.586	43	1090	0.483	ug/l	93
30) Chloroform	5.117	83	1822	0.343	ug/l	85
31) Cyclohexane	5.568	56	3768	0.825	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16508	4.098	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21429	5.588	ug/l #	20
76) 1,2,3-Trichloropropane	11.085	75	80598	20.600	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	80598	61.248	ug/l #	12

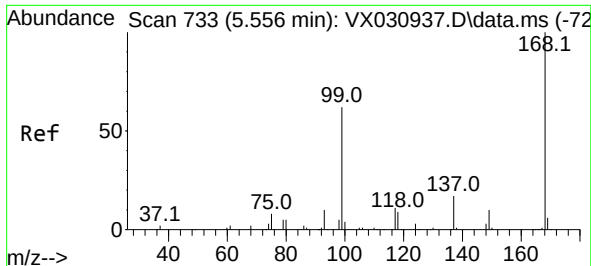
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
Data File : VX030973.D
Acq On : 31 Aug 2022 13:12
Operator : JC/MD
Sample : N4381-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-9

Quant Time: Sep 06 02:16:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
Response via : Initial Calibration

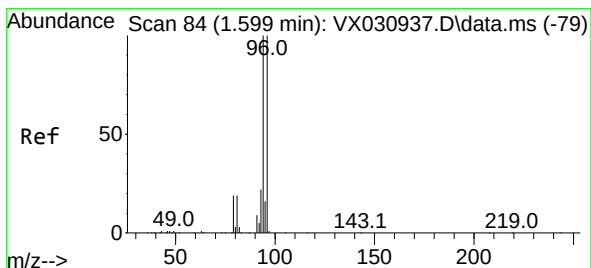
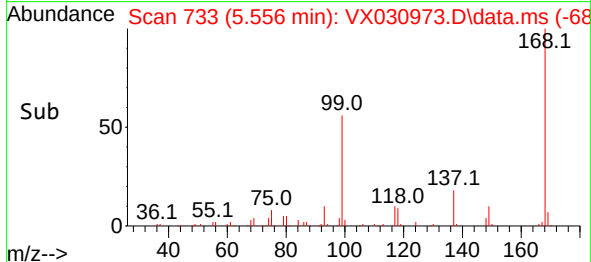
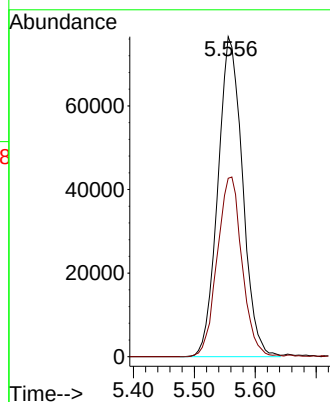
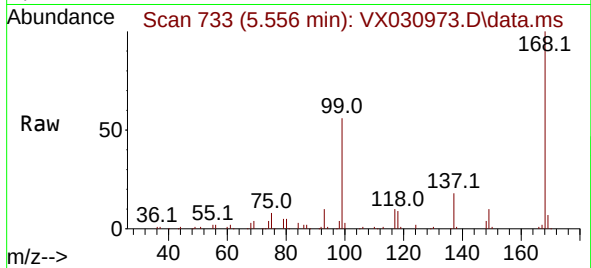




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

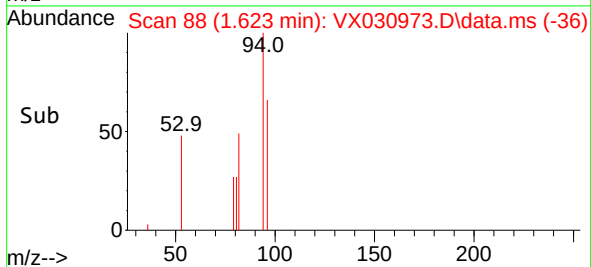
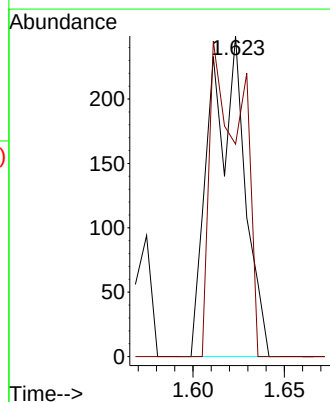
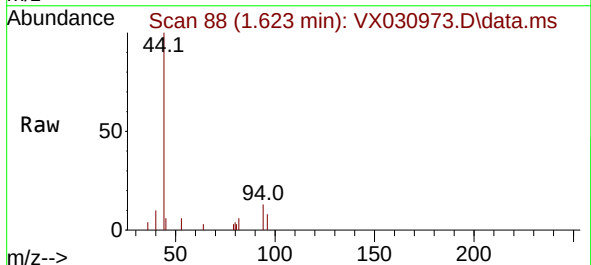
Instrument :
MSVOA_X
Client Sample Id :
MW-9

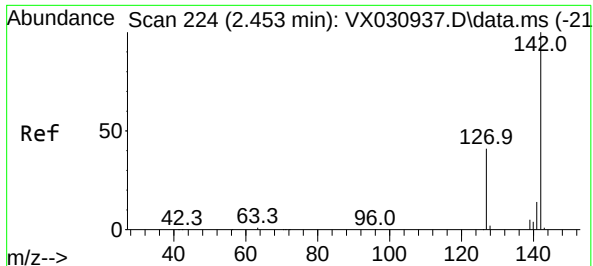
Tgt Ion:168 Resp: 215171
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

Tgt Ion: 94 Resp: 328
Ion Ratio Lower Upper
94 100
96 66.3 76.9 115.3#

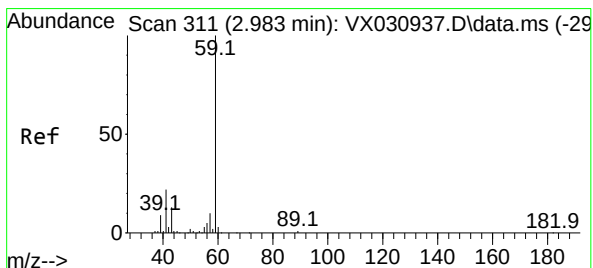
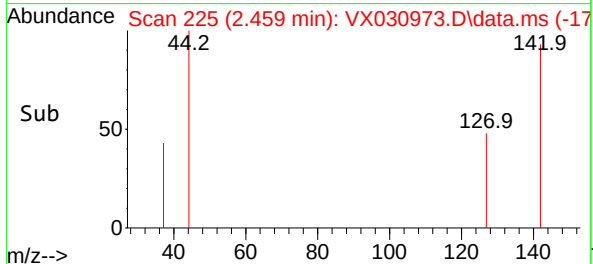
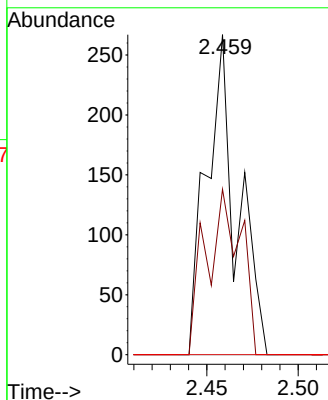
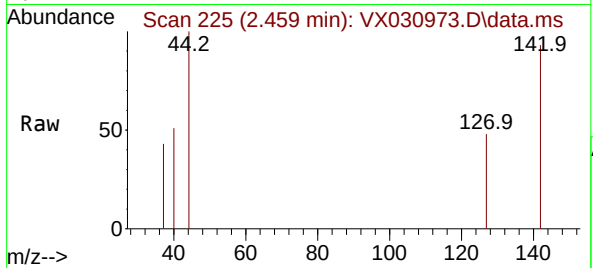




#10
Methyl Iodide
Concen: 4.491 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

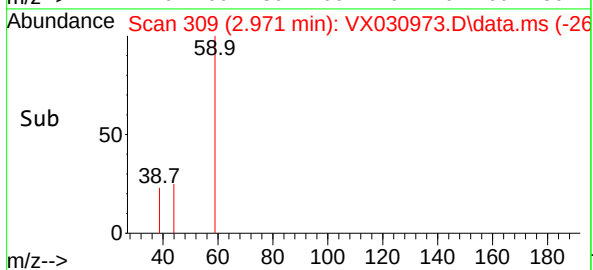
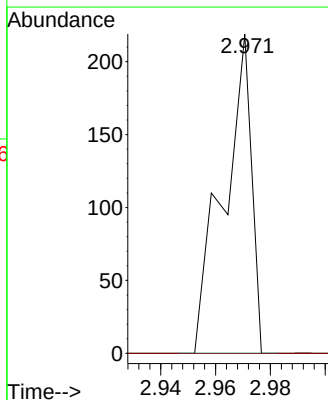
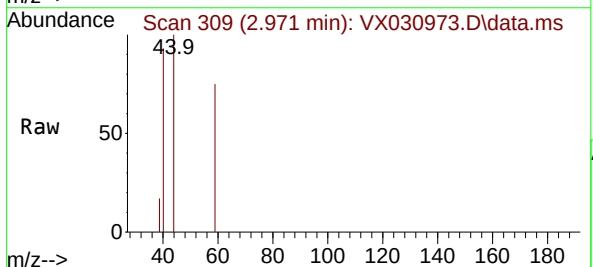
Instrument :
MSVOA_X
ClientSampleId :
MW-9

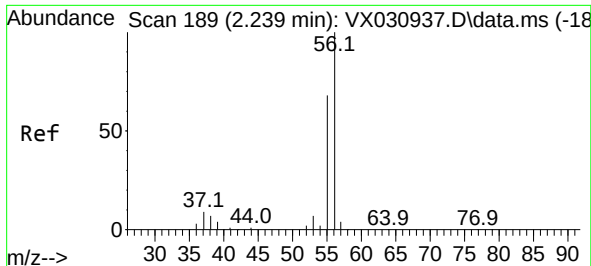
Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
127 59.4 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

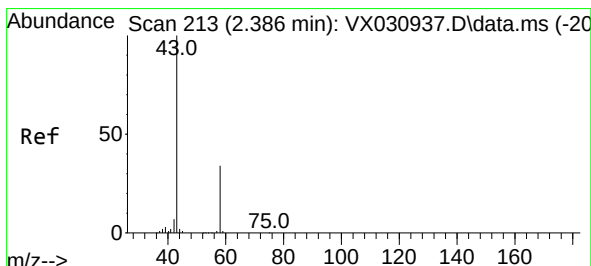
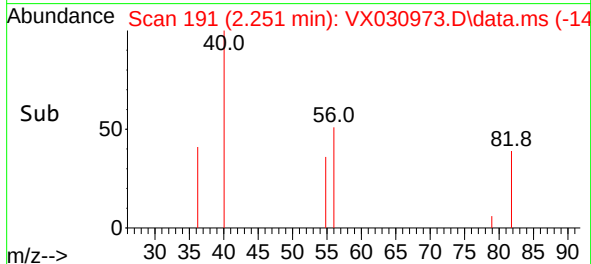
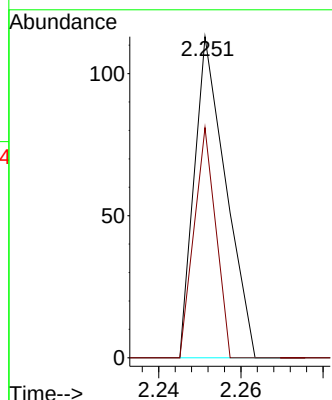
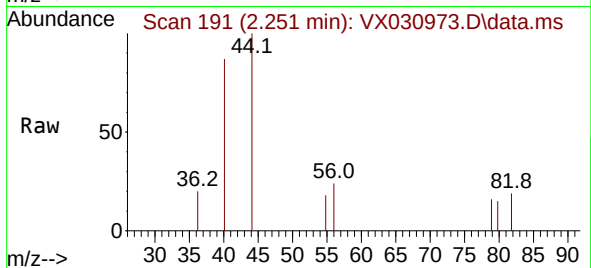




#13
Acrolein
Concen: 7.431 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

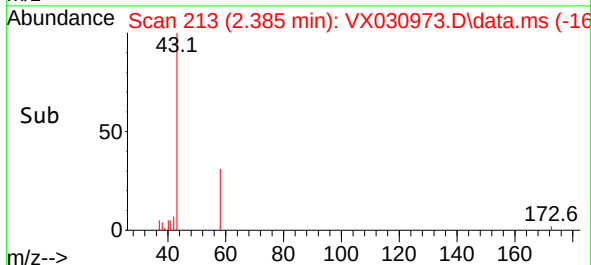
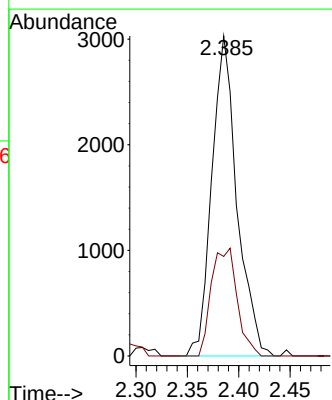
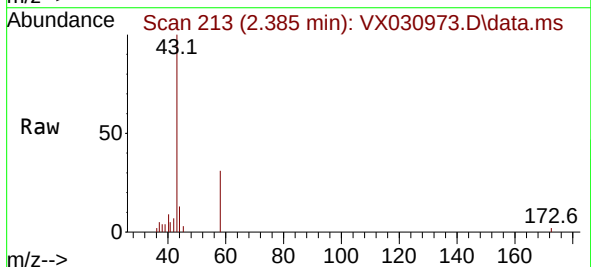
Instrument :
MSVOA_X
ClientSampleId :
MW-9

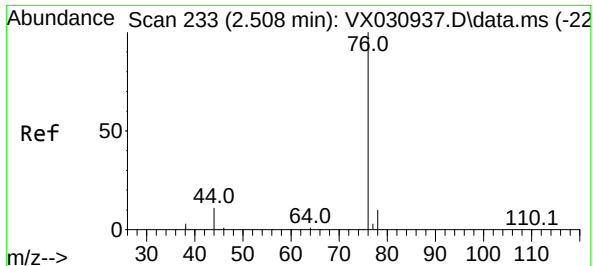
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 50.0 56.6 84.8#



#16
Acetone
Concen: 3.697 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

Tgt Ion: 43 Resp: 5149
Ion Ratio Lower Upper
43 100
58 31.1 27.7 41.5

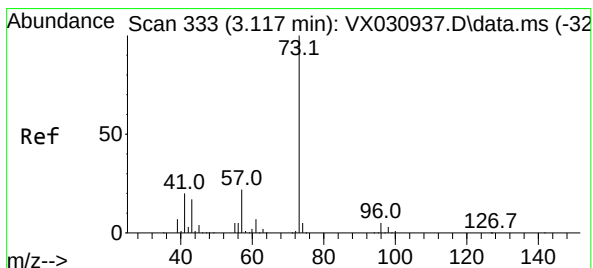
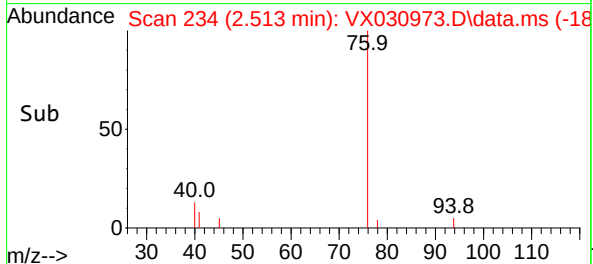
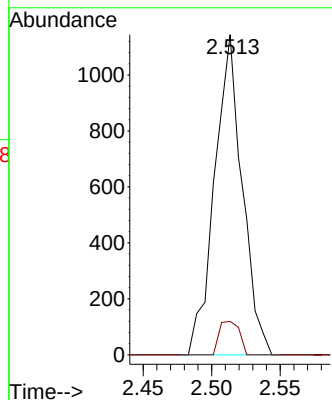
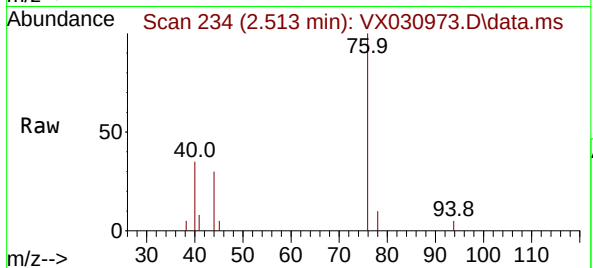




#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

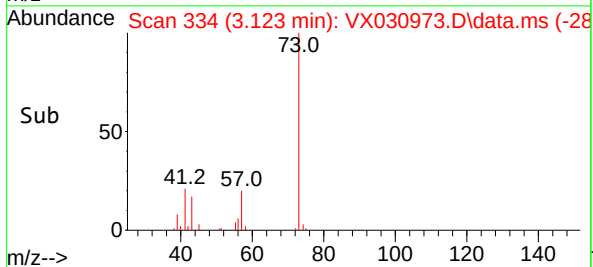
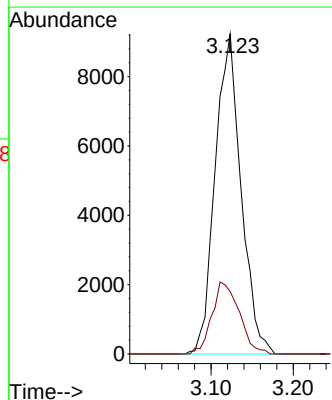
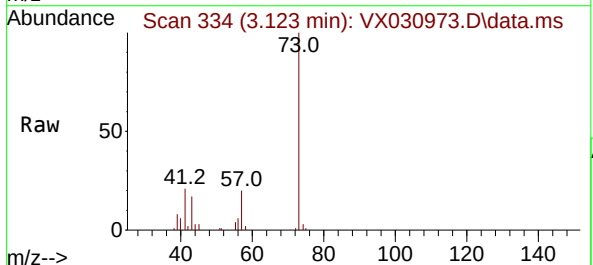
Instrument :
MSVOA_X
ClientSampleId :
MW-9

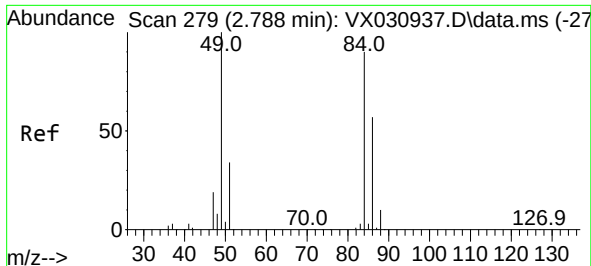
Tgt Ion: 76 Resp: 1607
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.6



#19
Methyl tert-butyl Ether
Concen: 2.373 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

Tgt Ion: 73 Resp: 20214
Ion Ratio Lower Upper
73 100
57 19.6 19.0 28.6

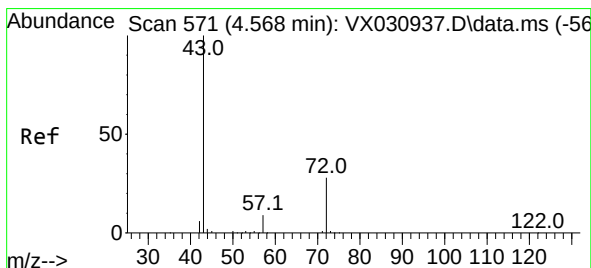
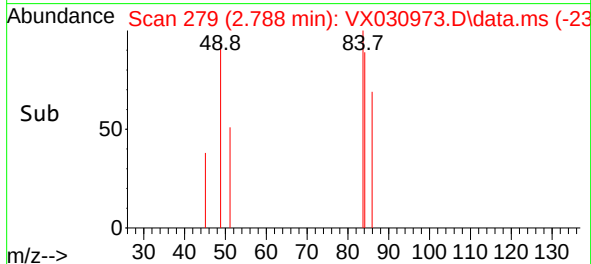
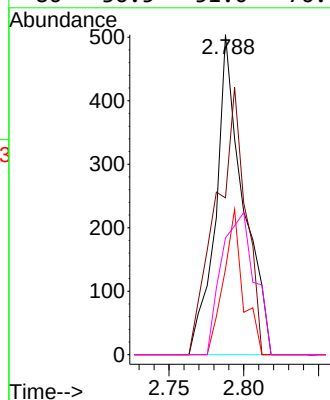
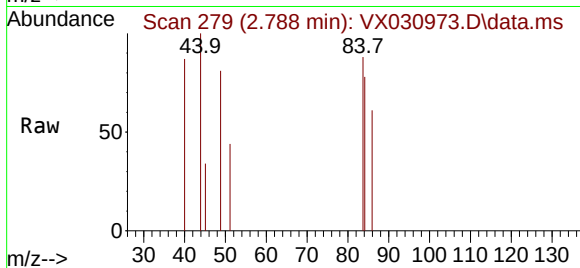




#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

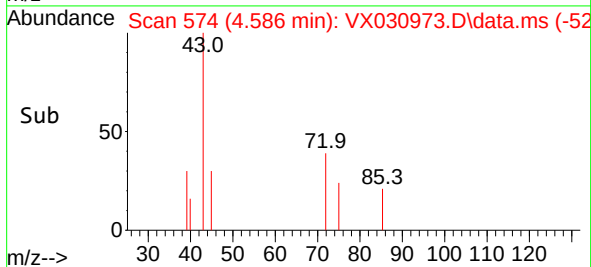
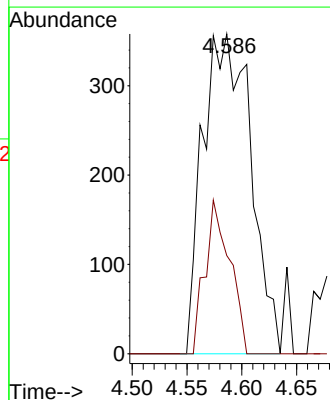
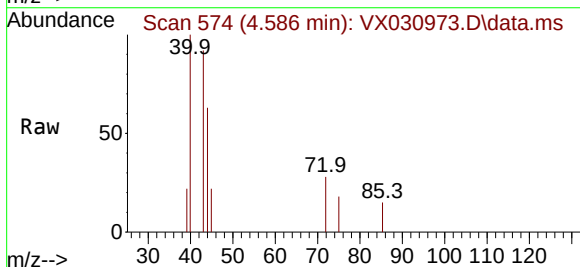
Instrument :
MSVOA_X
ClientSampleId :
MW-9

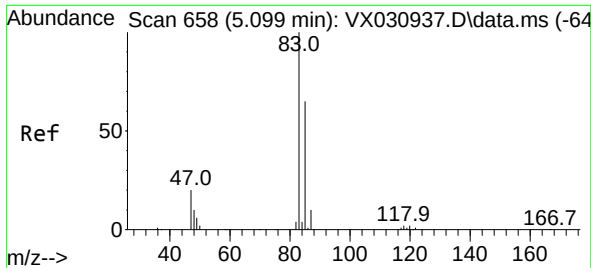
Tgt Ion:	84	Resp:	639
Ion	Ratio	Lower	Upper
84	100		
49	49.0	93.8	140.6#
51	26.8	29.4	44.0#
86	36.5	51.0	76.4#



#25
2-Butanone
Concen: 0.483 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

Tgt Ion:	43	Resp:	1090
Ion	Ratio	Lower	Upper
43	100		
72	30.7	21.7	32.5

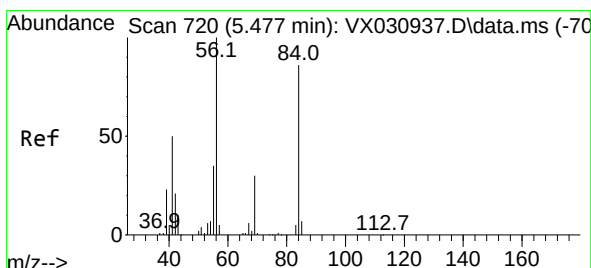
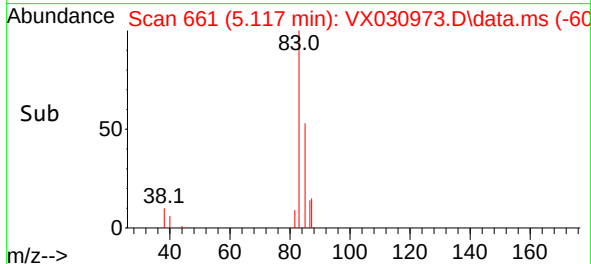
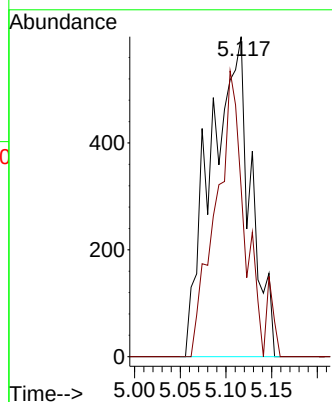
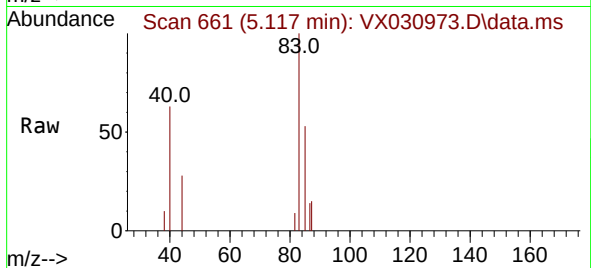




#30
Chloroform
Concen: 0.343 ug/l
RT: 5.117 min Scan# 611
Delta R.T. 0.018 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

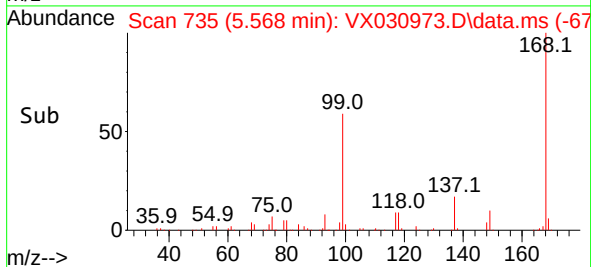
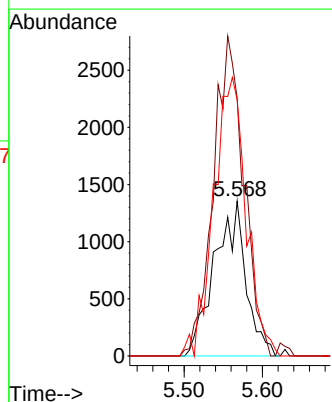
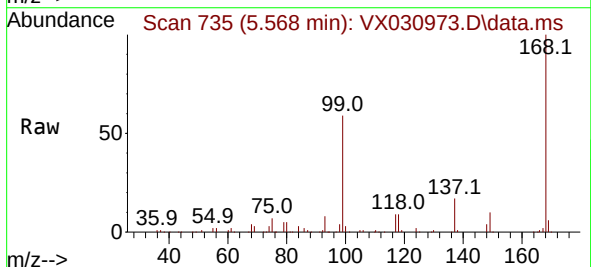
Instrument :
MSVOA_X
ClientSampleId :
MW-9

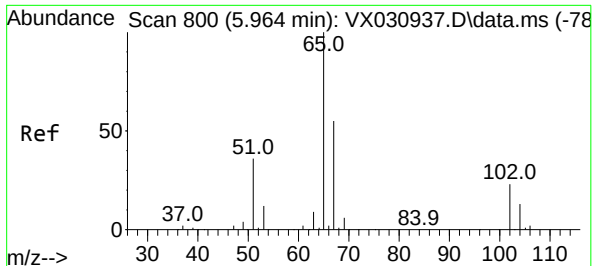
Tgt Ion: 83 Resp: 1822
Ion Ratio Lower Upper
83 100
85 52.6 51.5 77.3



#31
Cyclohexane
Concen: 0.825 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

Tgt Ion: 56 Resp: 3768
Ion Ratio Lower Upper
56 100
69 166.5 25.4 38.0#
84 165.4 68.9 103.3#

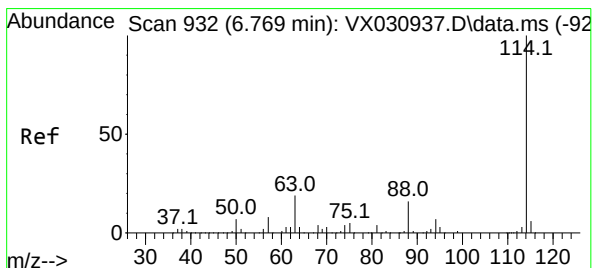
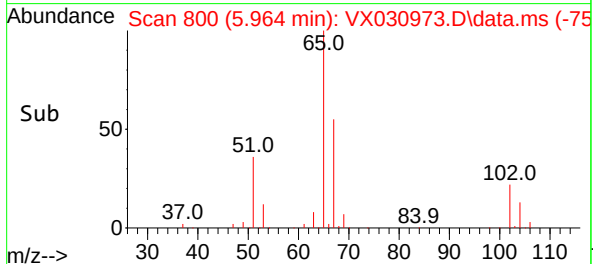
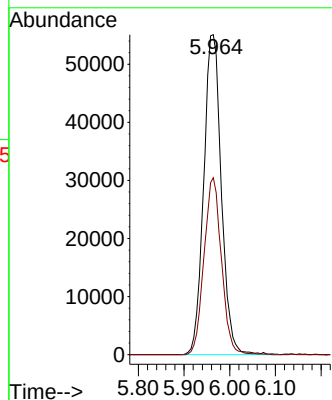
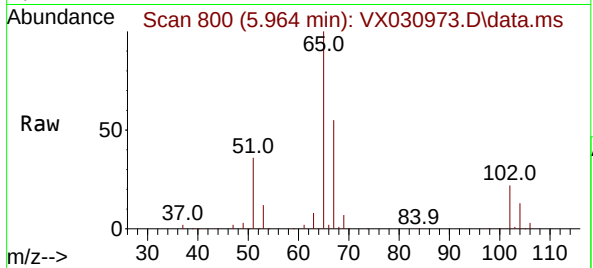




#33
 1,2-Dichloroethane-d4
 Concen: 47.814 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030973.D
 Acq: 31 Aug 2022 13:12

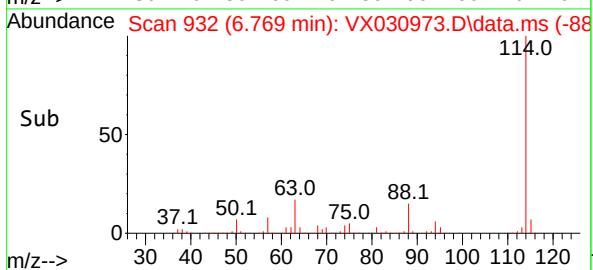
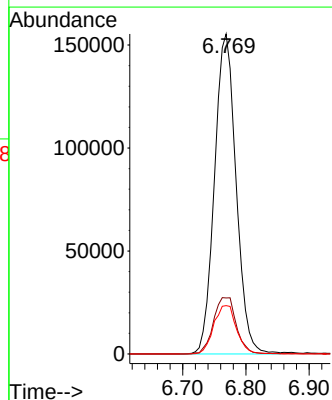
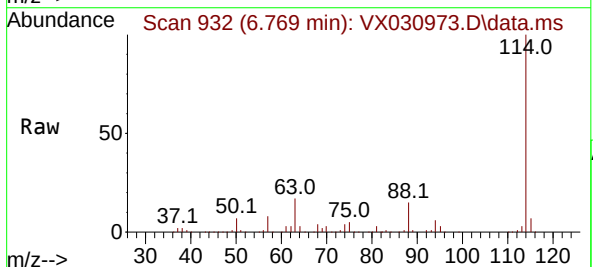
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

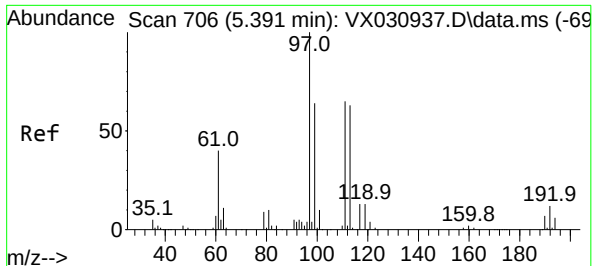
Tgt Ion: 65 Resp: 147562
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX030973.D
 Acq: 31 Aug 2022 13:12

Tgt Ion: 114 Resp: 367665
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 38.4
 88 15.1 0.0 31.8

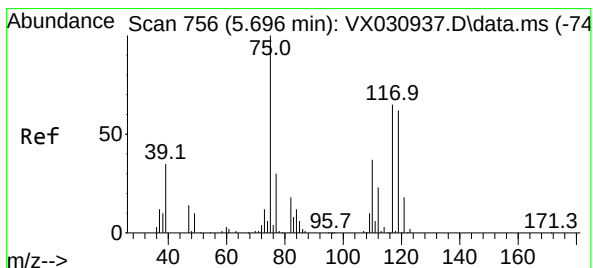
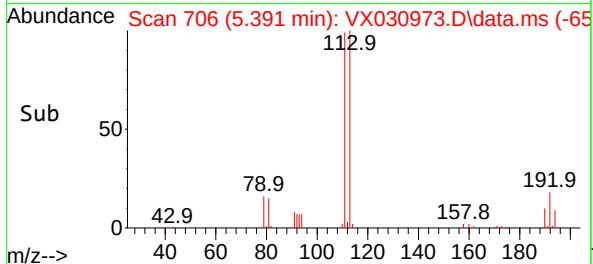
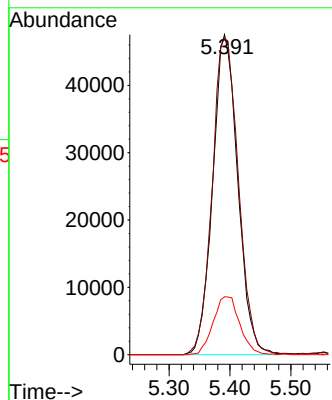
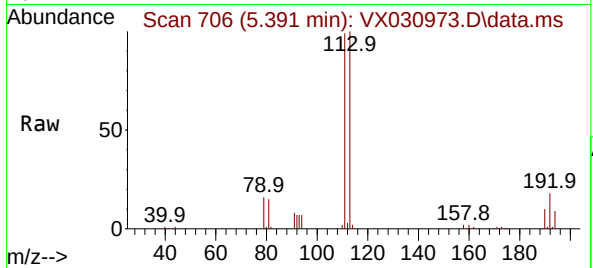




#35
Dibromofluoromethane
Concen: 50.077 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

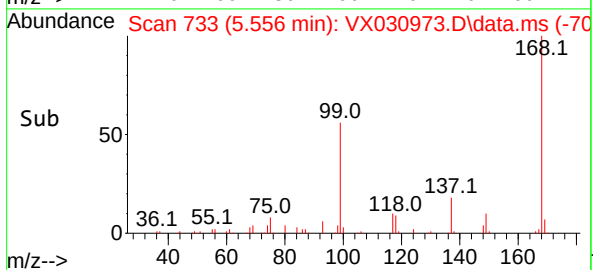
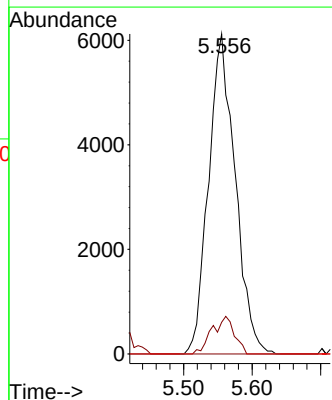
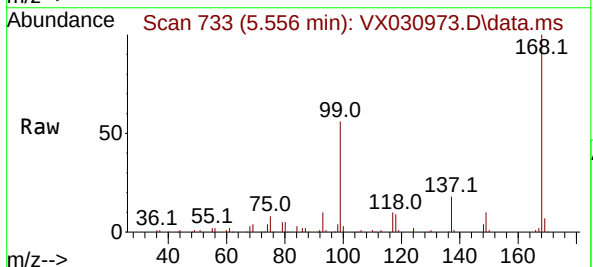
Instrument :
MSVOA_X
ClientSampleId :
MW-9

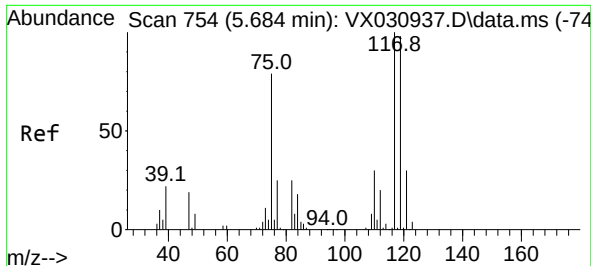
Tgt Ion:113 Resp: 135719
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 19.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.098 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

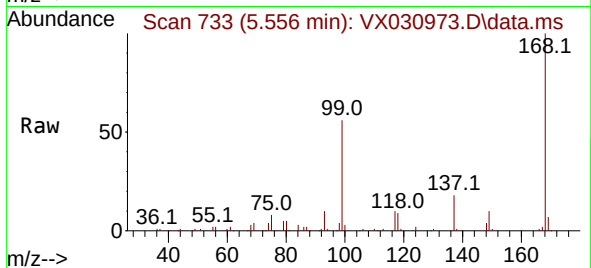
Tgt Ion: 75 Resp: 16508
Ion Ratio Lower Upper
75 100
110 9.8 19.3 57.9#
77 0.0 24.4 36.6#



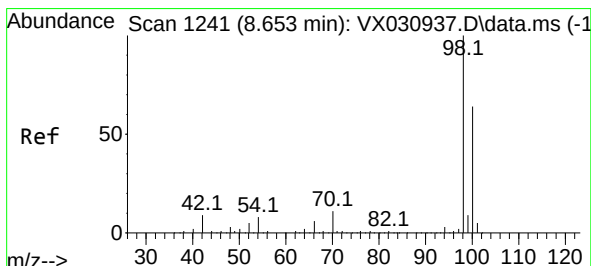
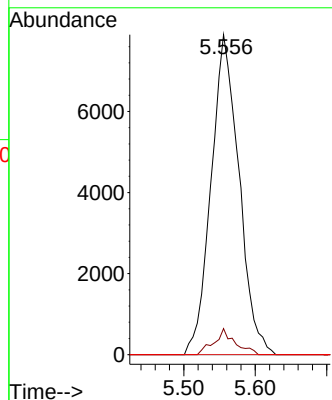
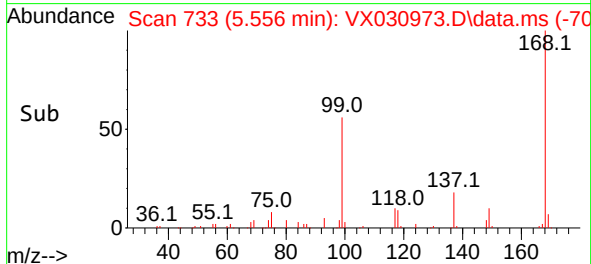


#38
Carbon Tetrachloride
Concen: 5.588 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-9

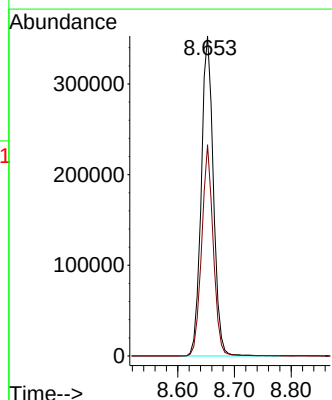
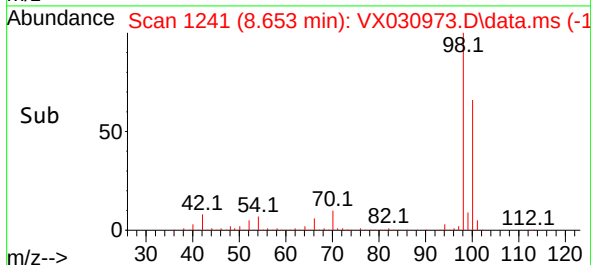
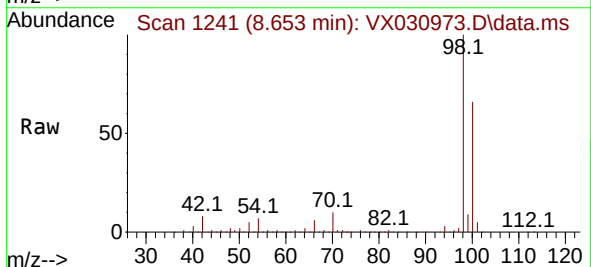


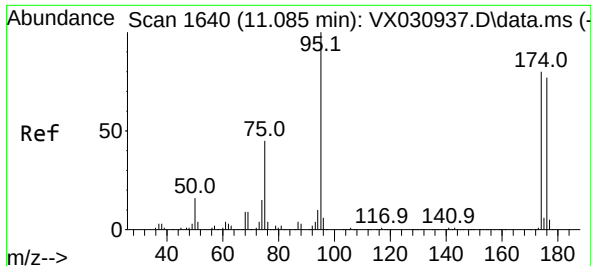
Tgt Ion:117 Resp: 21429
Ion Ratio Lower Upper
117 100
119 8.2 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.268 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030973.D
Acq: 31 Aug 2022 13:12

Tgt Ion: 98 Resp: 524617
Ion Ratio Lower Upper
98 100
100 62.9 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 48.911 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030973.D

Acq: 31 Aug 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-9

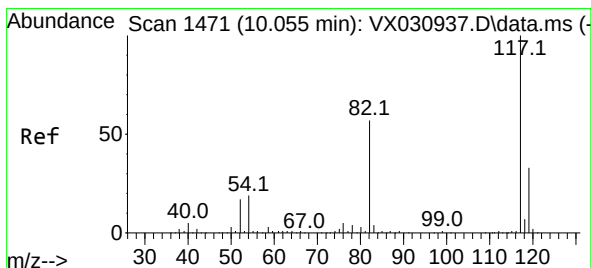
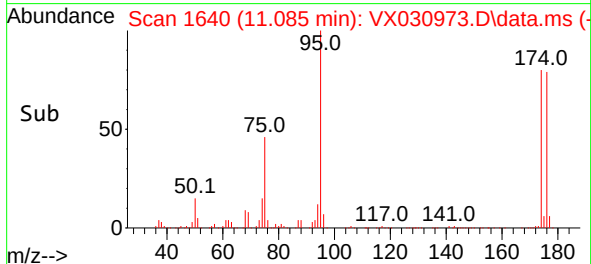
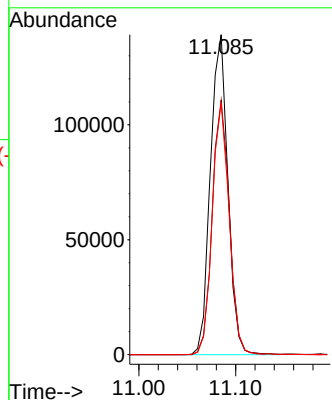
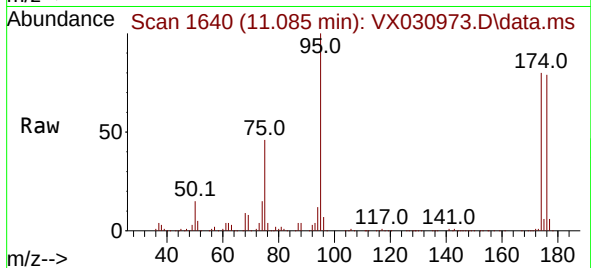
Tgt Ion: 95 Resp: 174820

Ion Ratio Lower Upper

95 100

174 78.0 0.0 149.0

176 76.1 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX030973.D

Acq: 31 Aug 2022 13:12

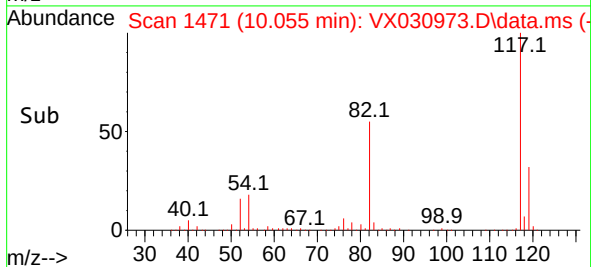
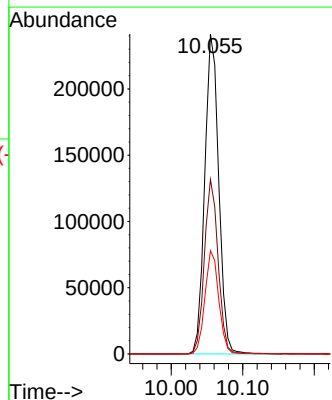
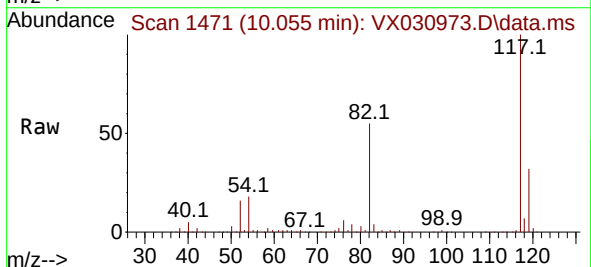
Tgt Ion: 117 Resp: 328554

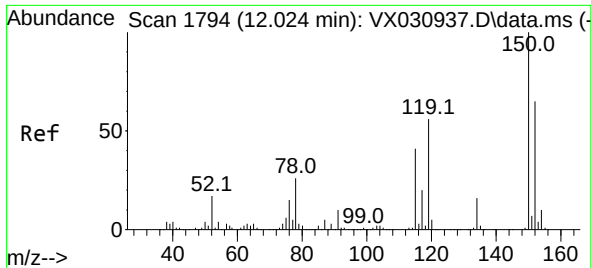
Ion Ratio Lower Upper

117 100

82 54.6 42.7 64.1

119 32.3 25.4 38.2

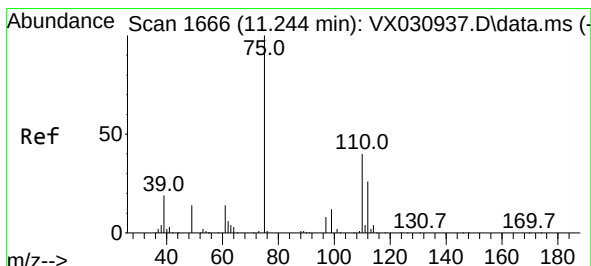
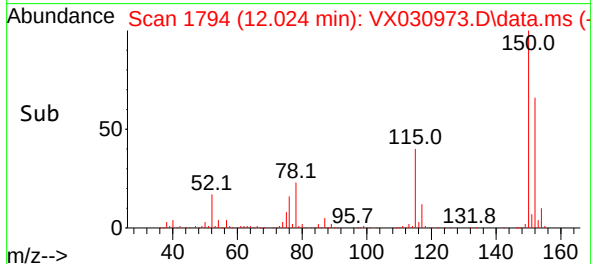
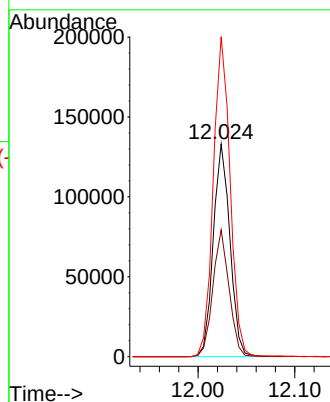
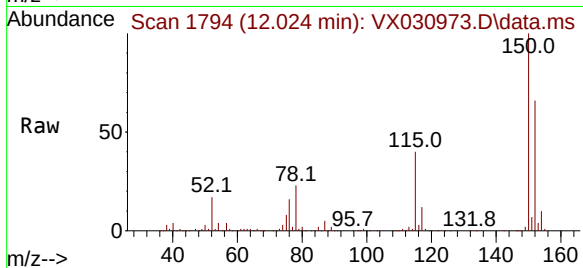




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030973.D
 Acq: 31 Aug 2022 13:12

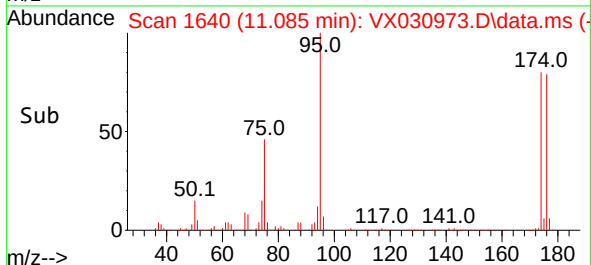
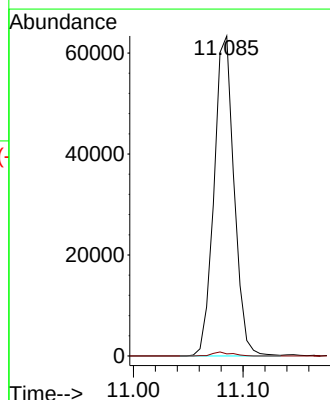
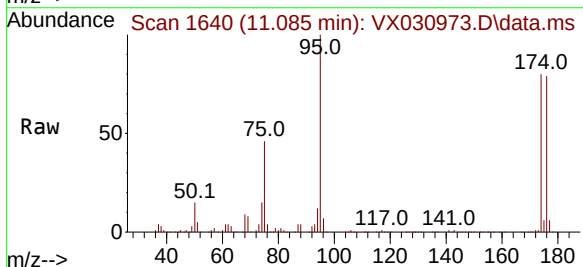
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

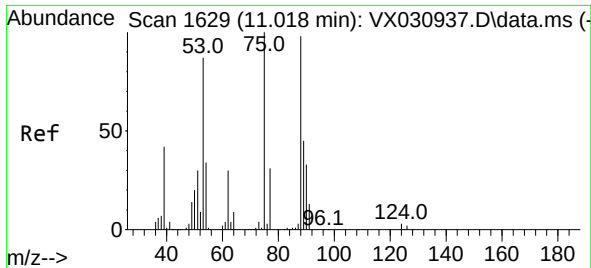
Tgt Ion:152 Resp: 158920
 Ion Ratio Lower Upper
 152 100
 115 58.2 40.5 121.5
 150 152.8 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.600 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030973.D
 Acq: 31 Aug 2022 13:12

Tgt Ion: 75 Resp: 80598
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.248 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030973.D
 Acq: 31 Aug 2022 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Tgt Ion: 75 Resp: 80598
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

