

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030972.D
 Acq On : 31 Aug 2022 12:49
 Operator : JC/MD
 Sample : N4381-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Sep 06 02:15:41 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)

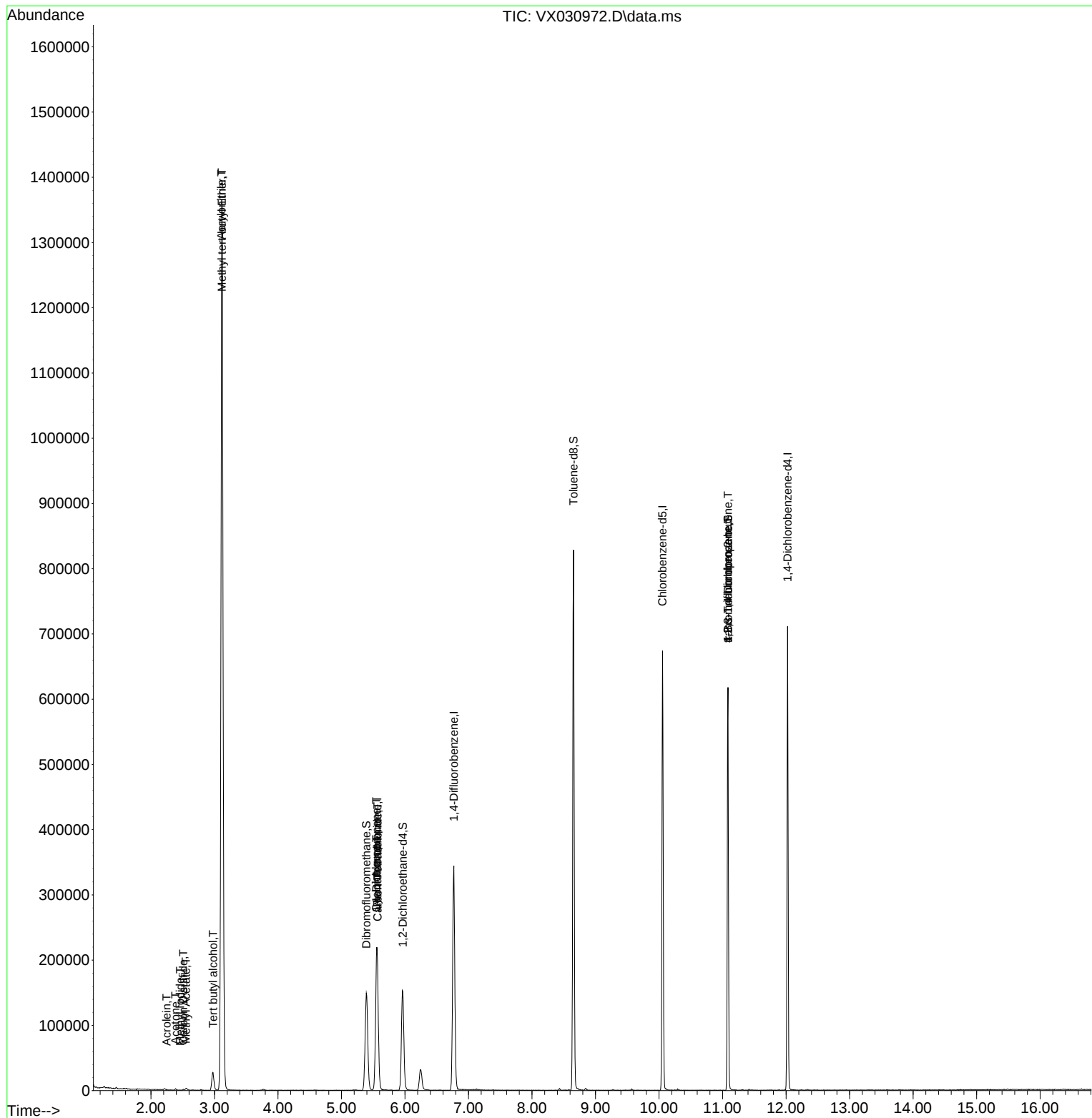
Internal Standards						
1) Pentafluorobenzene	5.562	168	216779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	365229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147882	47.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.120%
35) Dibromofluoromethane	5.391	113	136887	50.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	8.653	98	510264	51.178	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.085	95	167011	47.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	308	Below Cal	#	73
10) Methyl Iodide	2.459	142	296	4.485	ug/l #	53
11) Tert butyl alcohol	2.977	59	34921	47.406	ug/l #	74
13) Acrolein	2.245	56	78	7.476	ug/l #	14
15) Acrylonitrile	3.111	53	15213	9.352	ug/l #	32
16) Acetone	2.386	43	2110	1.504	ug/l #	77
17) Carbon Disulfide	2.508	76	1623	0.233	ug/l	97
18) Methyl Acetate	2.550	43	1081	0.263	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	1602814	186.789	ug/l	94
31) Cyclohexane	5.550	56	3926	0.853	ug/l #	53
36) 1,1-Dichloropropene	5.550	75	16144	4.034	ug/l #	49
38) Carbon Tetrachloride	5.568	117	21488	5.641	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	77306	20.723	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	77306	61.613	ug/l #	12

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

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Quant Time: Sep 06 02:15:41 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

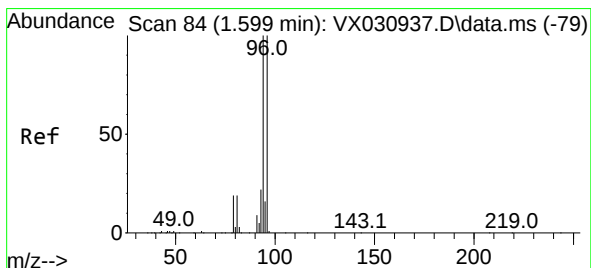
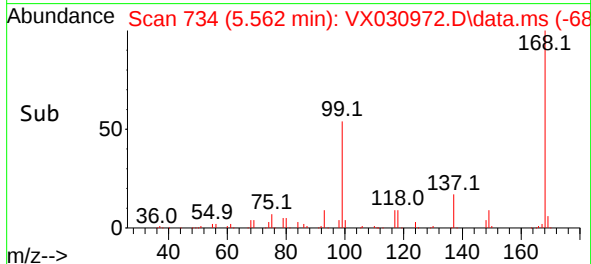
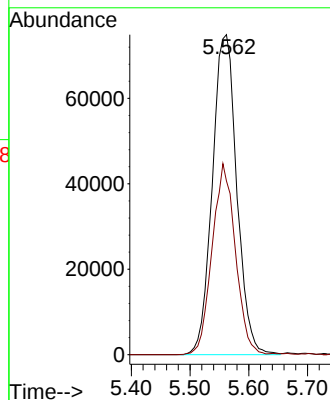
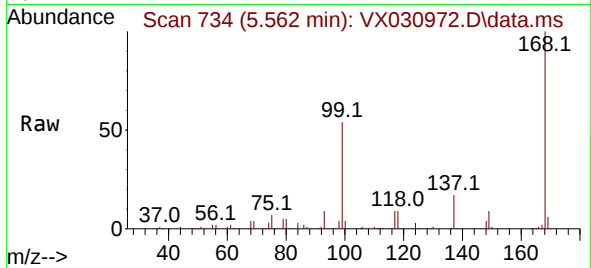




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

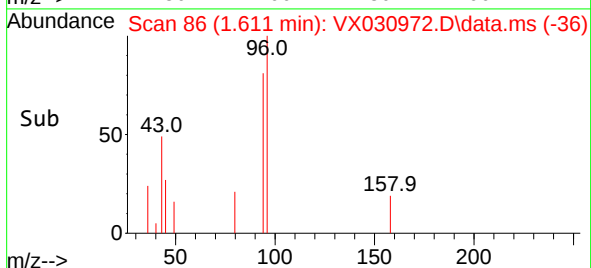
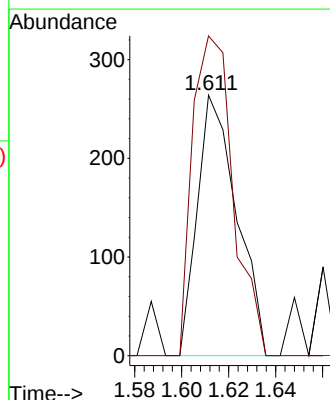
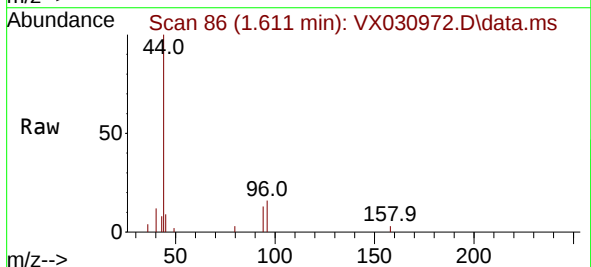
Instrument :
MSVOA_X
ClientSampleId :
MW-24

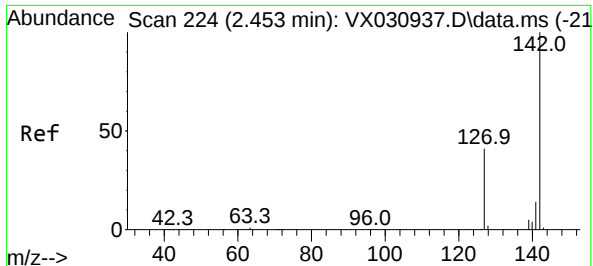
Tgt Ion:168 Resp: 216779
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 122.7 76.9 115.3#

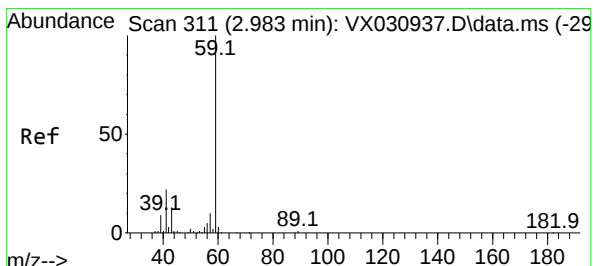
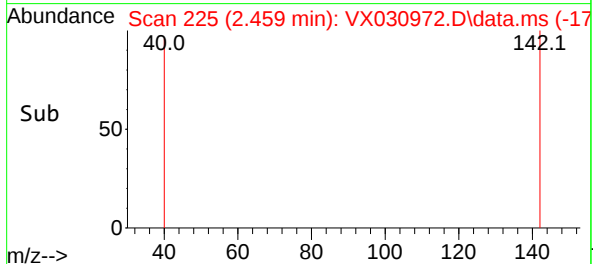
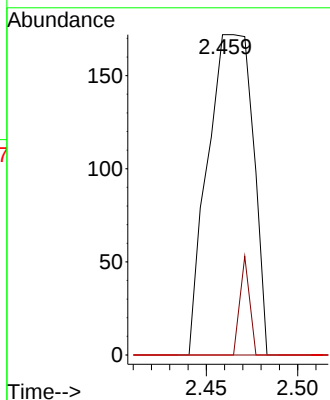
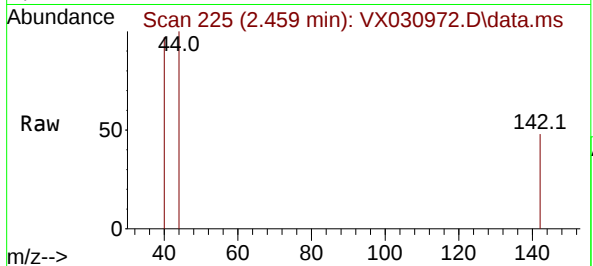




#10
Methyl Iodide
Concen: 4.485 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

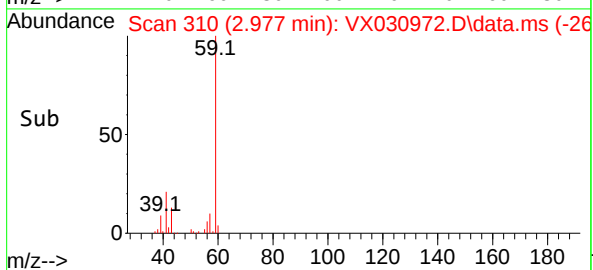
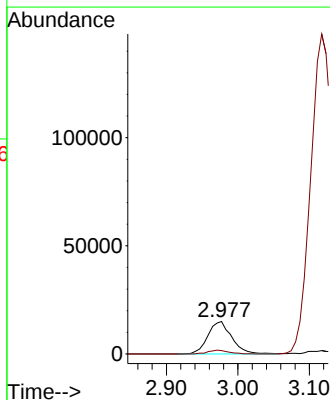
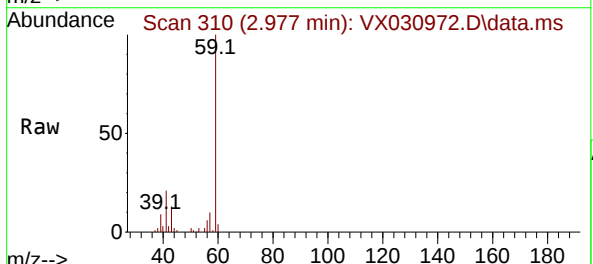
Instrument :
MSVOA_X
ClientSampleId :
MW-24

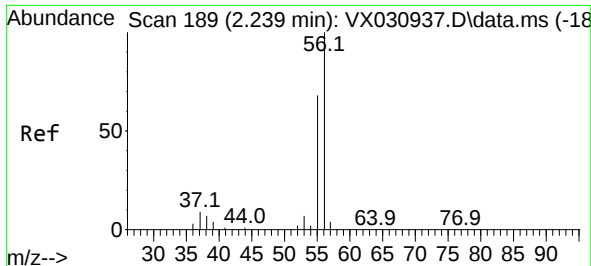
Tgt Ion:142 Resp: 296
Ion Ratio Lower Upper
142 100
127 6.4 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 47.406 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 59 Resp: 34921
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

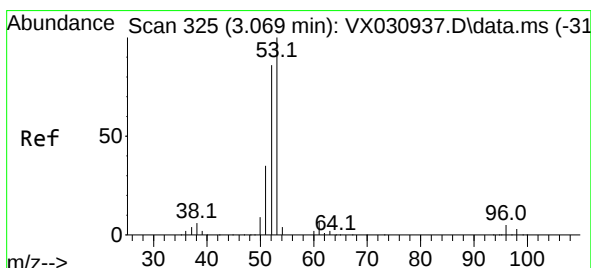
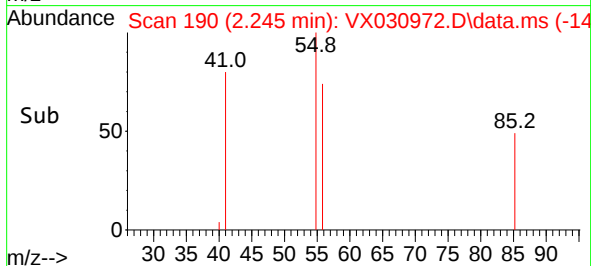
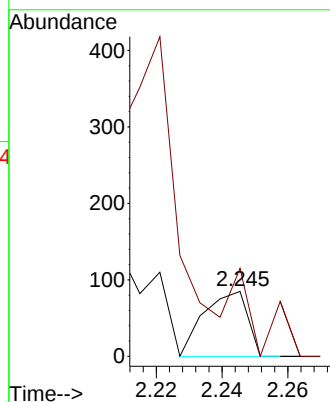
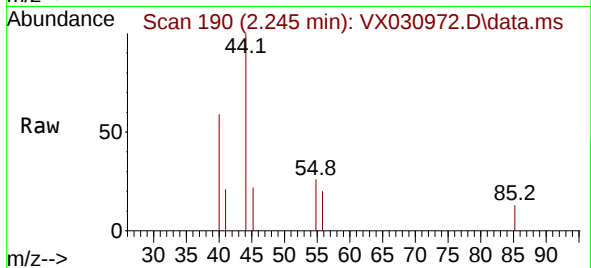




#13
Acrolein
Concen: 7.476 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

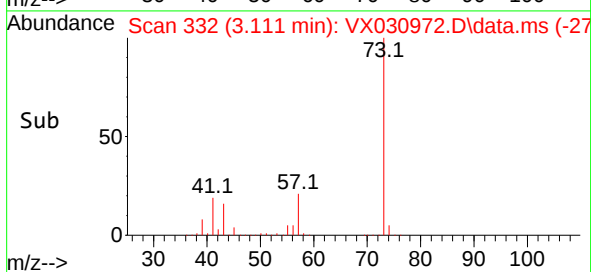
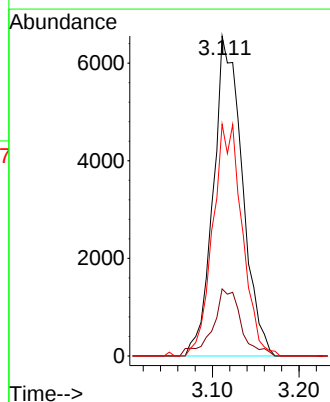
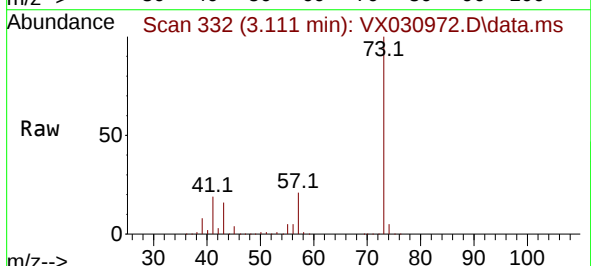
Instrument :
MSVOA_X
ClientSampleId :
MW-24

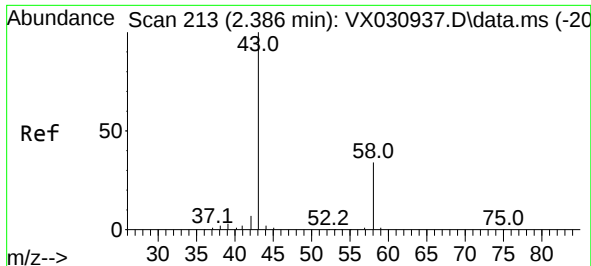
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#15
Acrylonitrile
Concen: 9.352 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.042 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 53 Resp: 15213
Ion Ratio Lower Upper
53 100
52 20.4 65.4 98.0#
51 73.6 27.7 41.5#

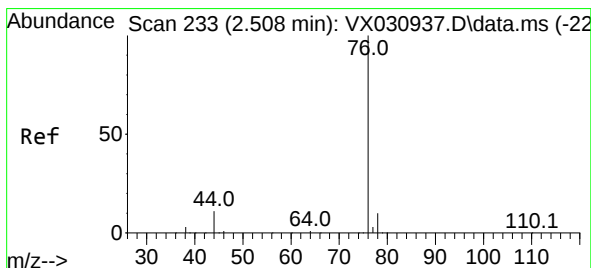
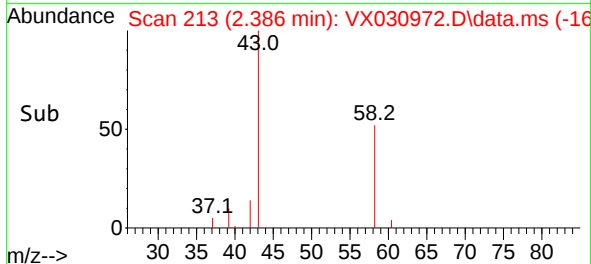
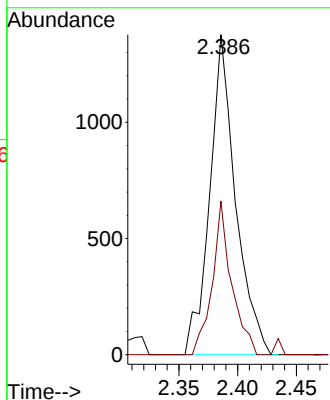
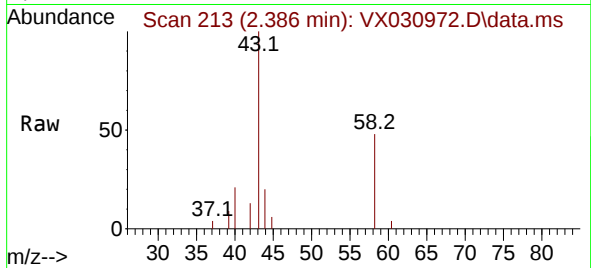




#16
Acetone
Concen: 1.504 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

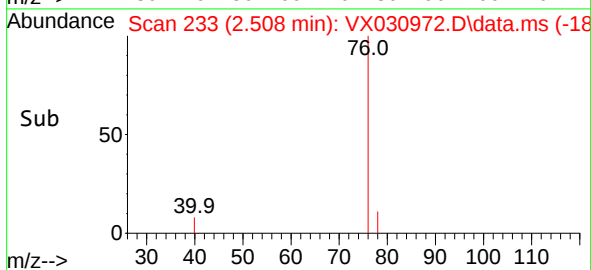
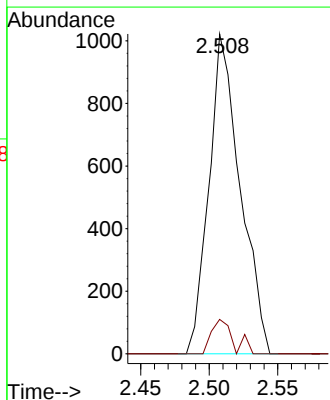
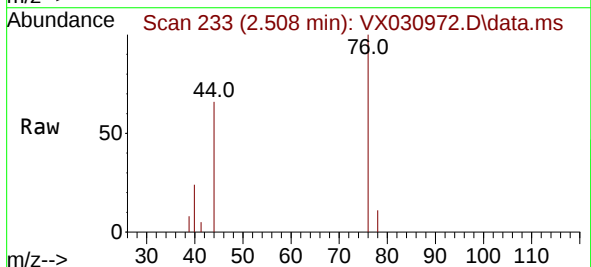
Instrument :
MSVOA_X
ClientSampleId :
MW-24

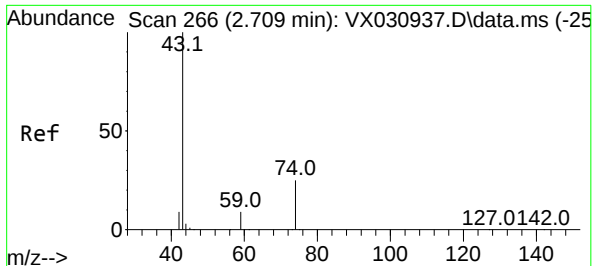
Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
58 48.0 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 76 Resp: 1623
Ion Ratio Lower Upper
76 100
78 10.8 7.8 11.6

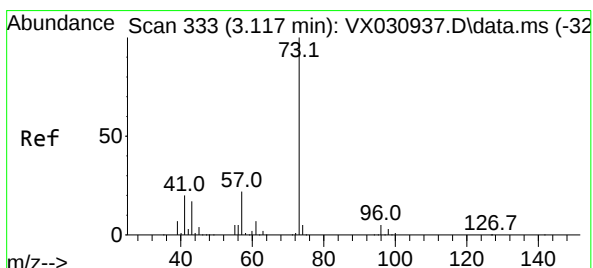
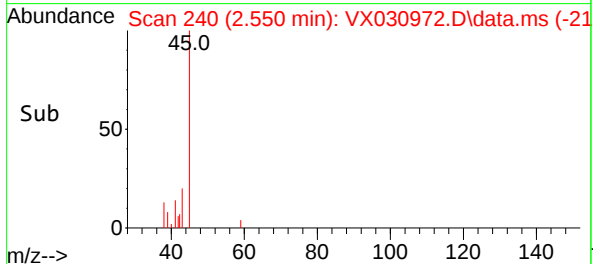
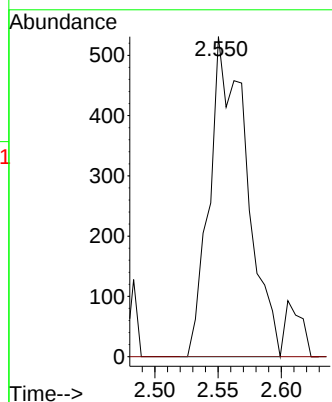
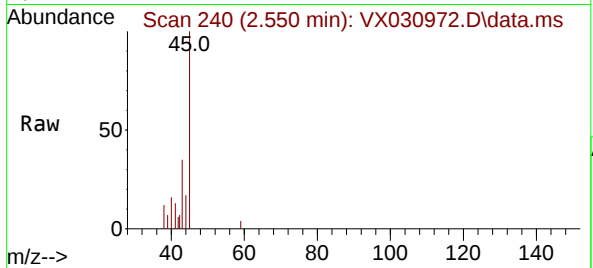




#18
Methyl Acetate
Concen: 0.263 ug/l
RT: 2.550 min Scan# 24
Delta R.T. -0.159 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

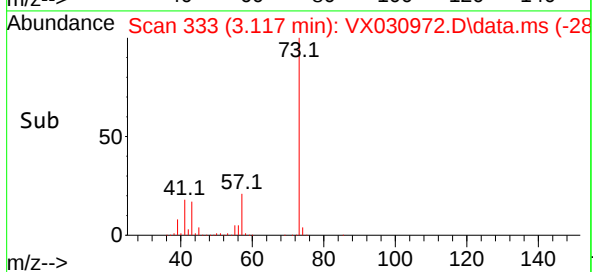
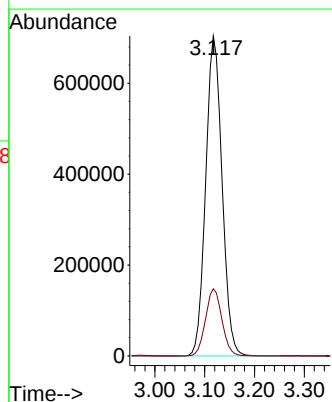
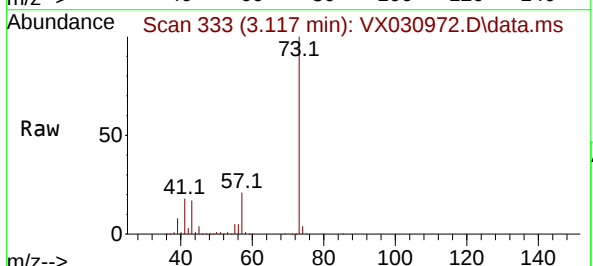
Instrument :
MSVOA_X
ClientSampleId :
MW-24

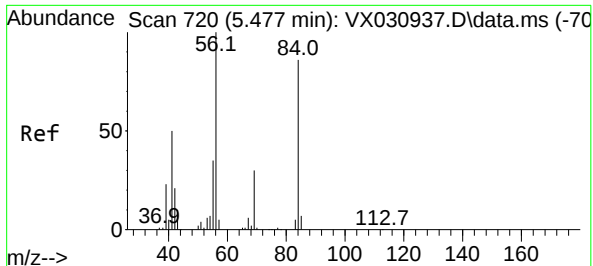
Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 186.789 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 73 Resp: 1602814
Ion Ratio Lower Upper
73 100
57 21.0 19.0 28.6

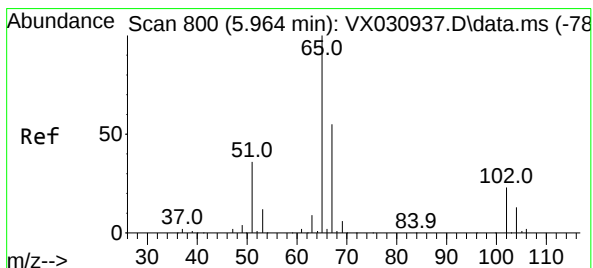
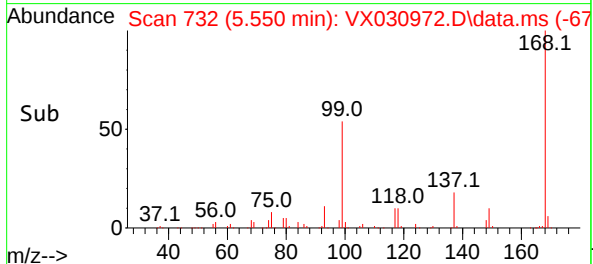
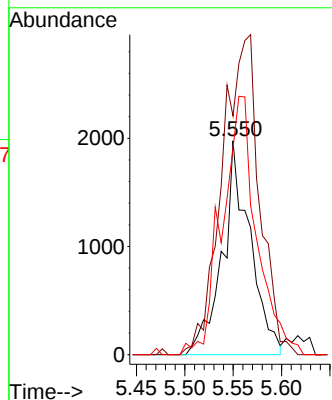
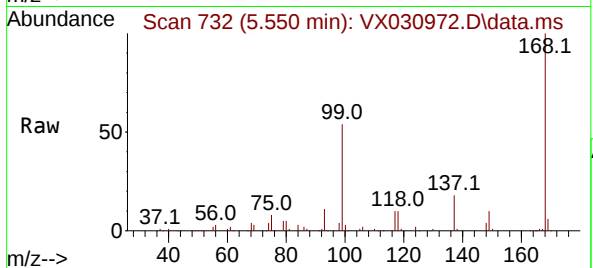




#31
Cyclohexane
Concen: 0.853 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

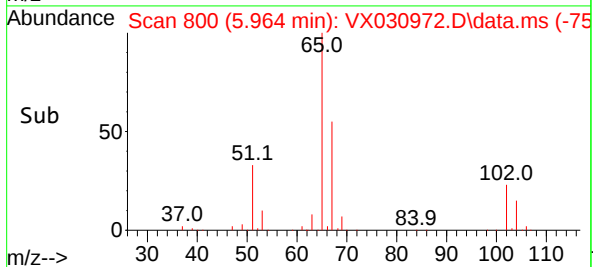
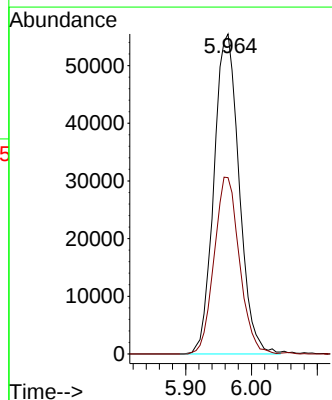
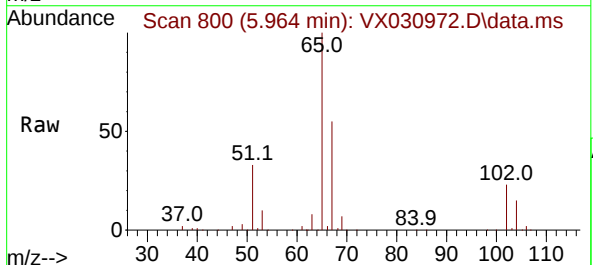
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ClientSampleId :
MW-24

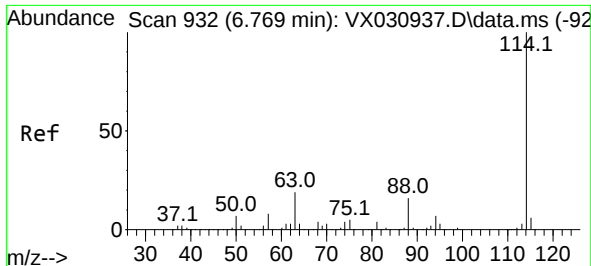
Tgt Ion: 56 Resp: 3926
Ion Ratio Lower Upper
56 100
69 111.5 25.4 38.0#
84 96.5 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 47.562 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 65 Resp: 147882
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6

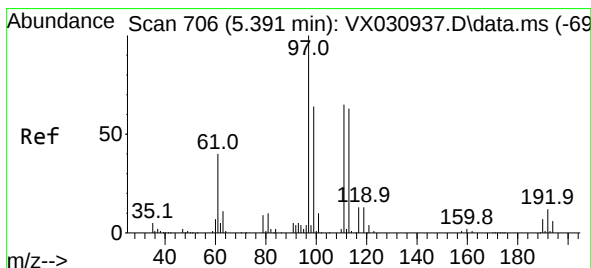
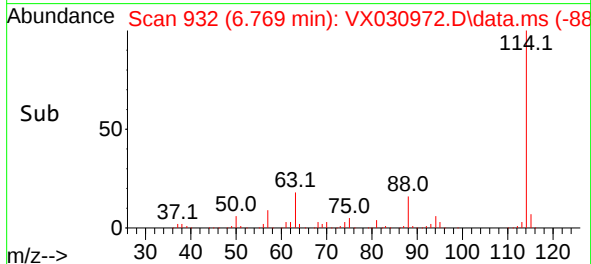
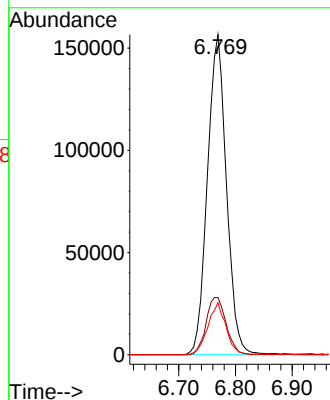
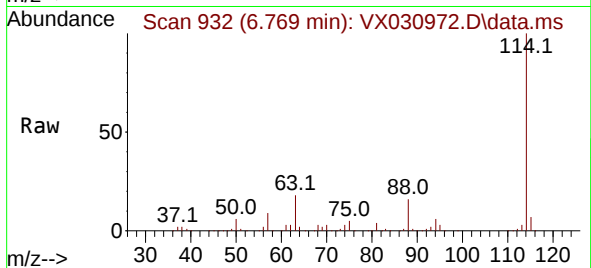




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

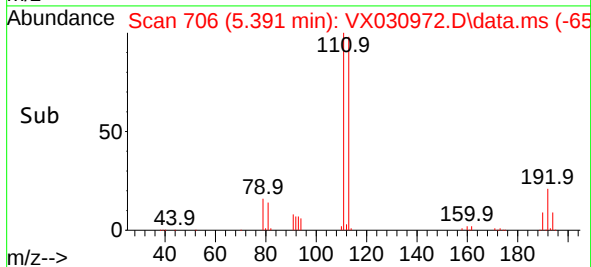
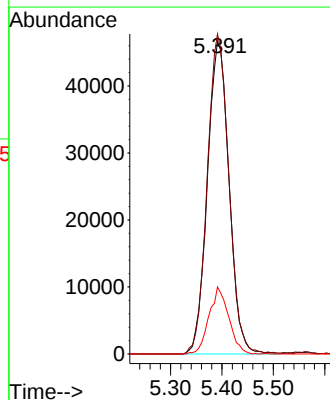
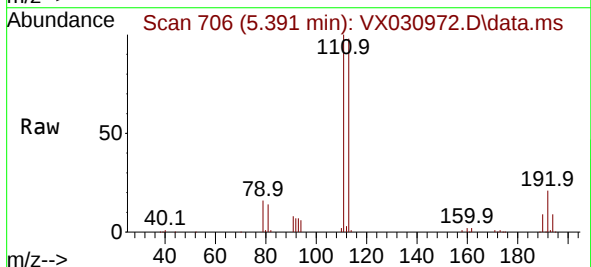
Instrument :
MSVOA_X
ClientSampleId :
MW-24

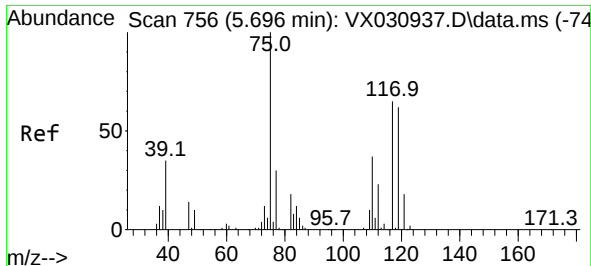
Tgt Ion:114 Resp: 365229
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.844 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion:113 Resp: 136887
Ion Ratio Lower Upper
113 100
111 101.4 83.2 124.8
192 19.4 14.8 22.2

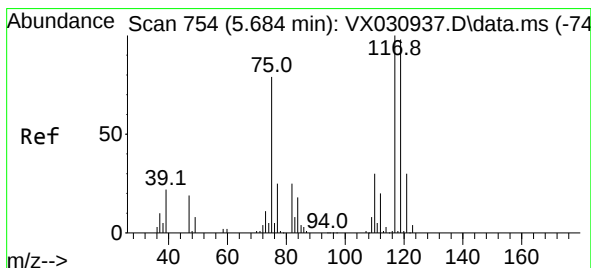
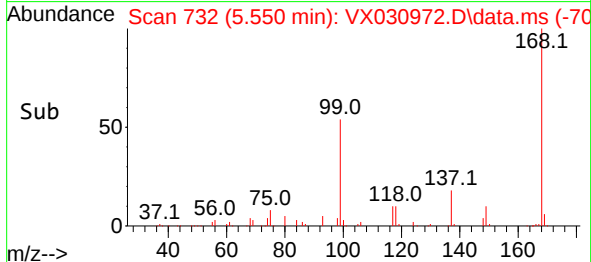
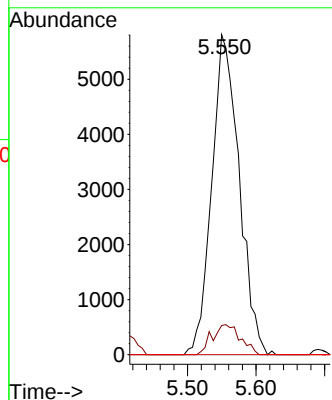
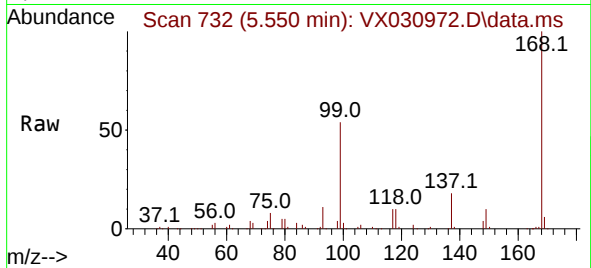




#36
1,1-Dichloropropene
Concen: 4.034 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

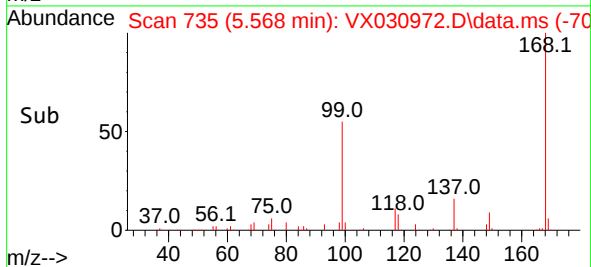
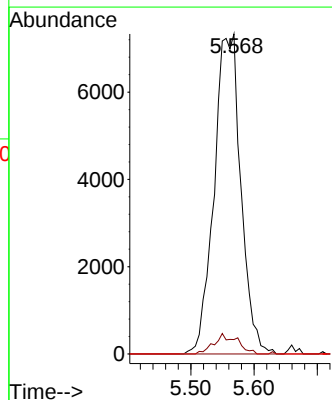
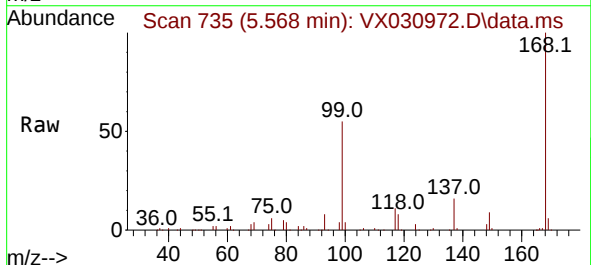
Instrument :
MSVOA_X
ClientSampleId :
MW-24

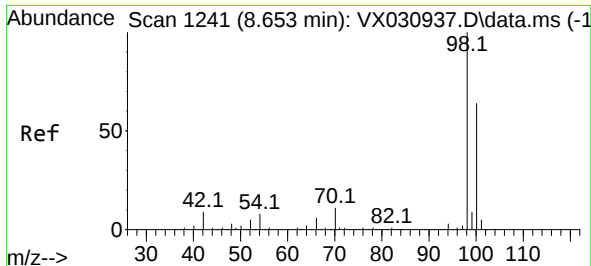
Tgt Ion: 75 Resp: 16144
Ion Ratio Lower Upper
75 100
110 9.7 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 117 Resp: 21488
Ion Ratio Lower Upper
117 100
119 4.5 74.1 111.1#
121 0.0 25.8 38.8#

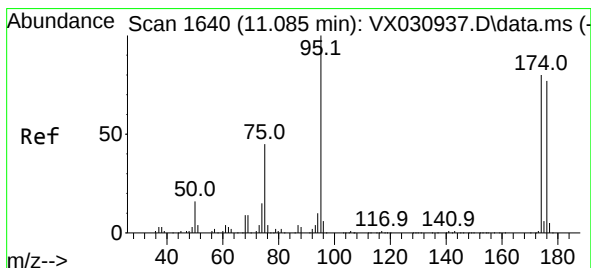
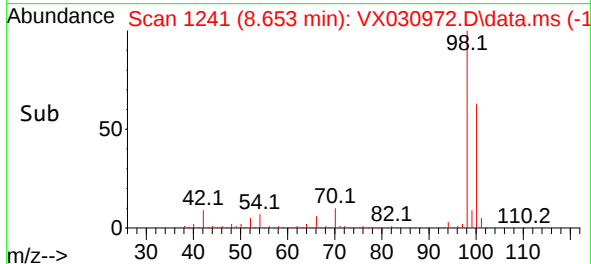
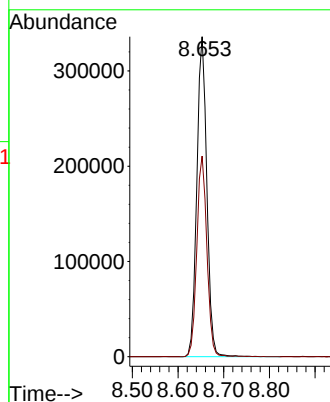
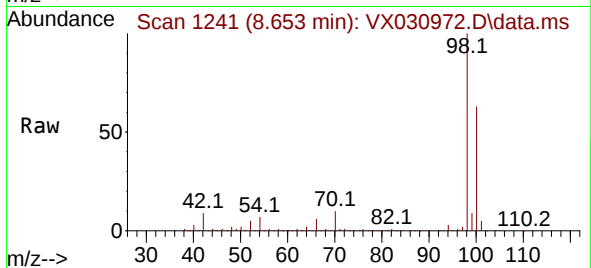




#50
Toluene-d8
Concen: 51.178 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

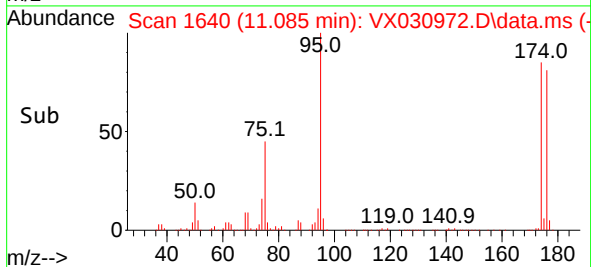
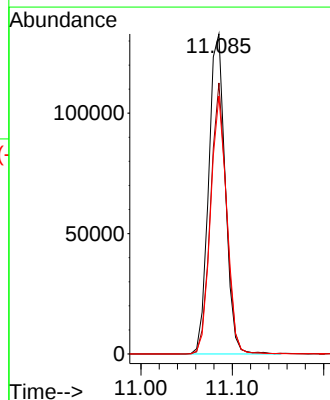
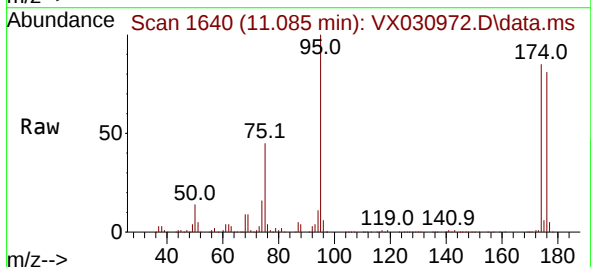
Instrument :
MSVOA_X
ClientSampleId :
MW-24

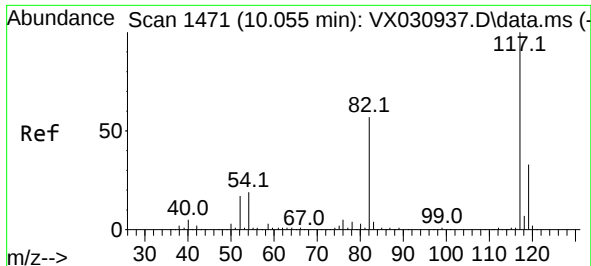
Tgt Ion: 98 Resp: 510264
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.038 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 95 Resp: 167011
Ion Ratio Lower Upper
95 100
174 81.1 0.0 149.0
176 79.0 0.0 146.0

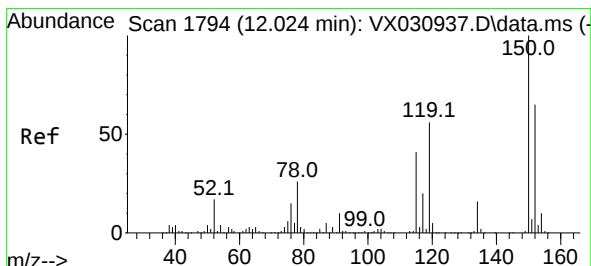
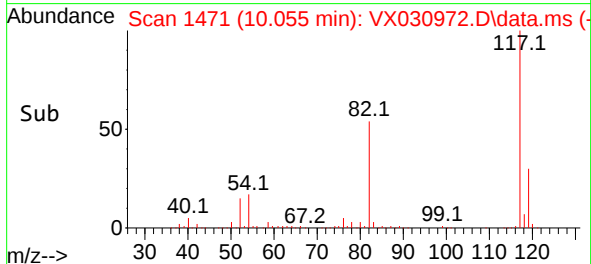
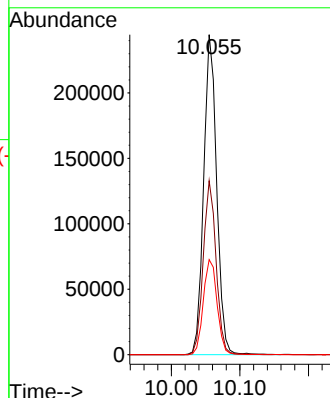
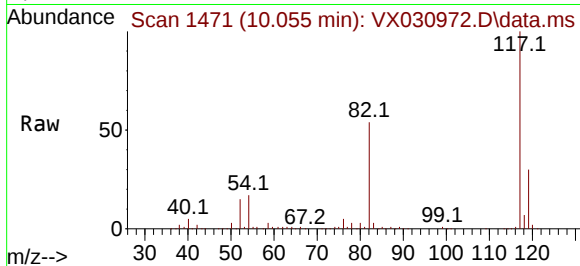




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

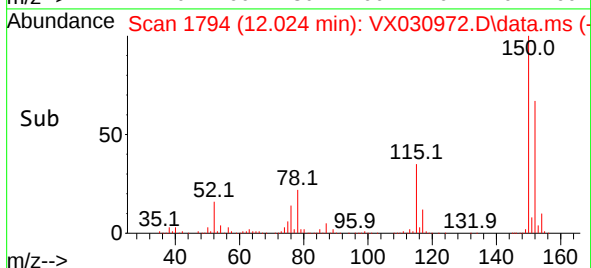
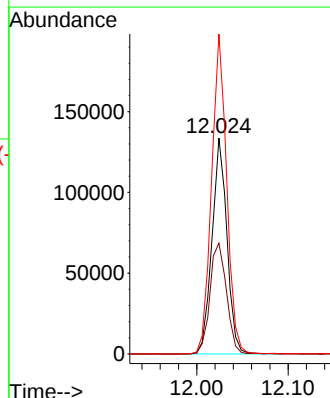
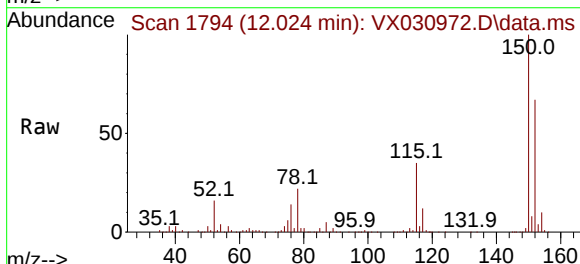
Instrument :
MSVOA_X
ClientSampleId :
MW-24

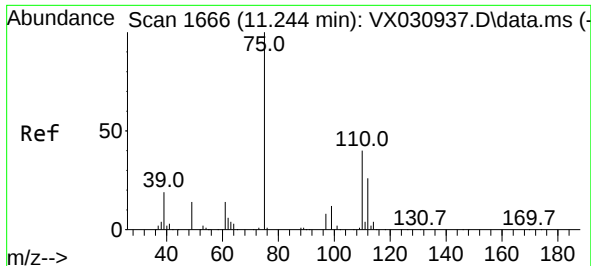
Tgt Ion:117 Resp: 323323
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 29.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion:152 Resp: 151526
Ion Ratio Lower Upper
152 100
115 56.9 40.5 121.5
150 150.0 0.0 347.0

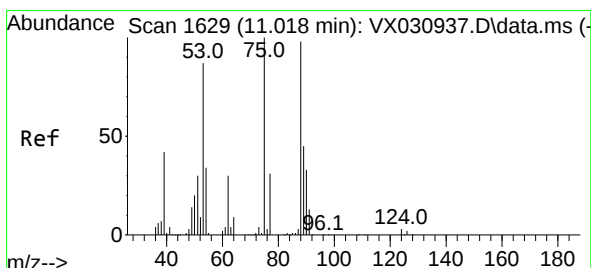
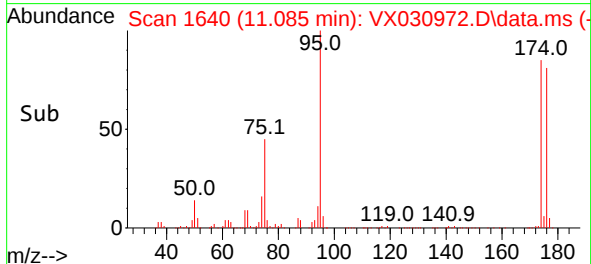
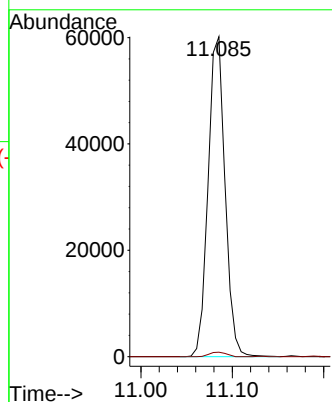
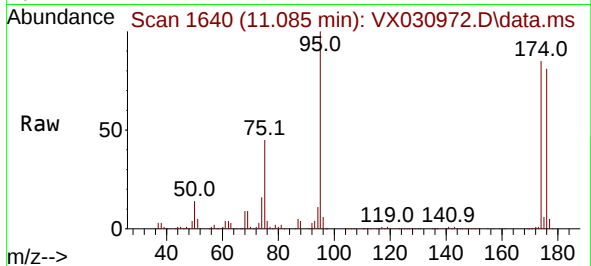




#76
1,2,3-Trichloropropane
Concen: 20.723 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tgt Ion: 75 Resp: 77306
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.613 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030972.D
Acq: 31 Aug 2022 12:49

Tgt Ion: 75 Resp: 77306
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

