

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030989.D
 Acq On : 31 Aug 2022 19:28
 Operator : JC/MD
 Sample : N4381-06DL 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36DL

Quant Time: Sep 06 02:22:10 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)

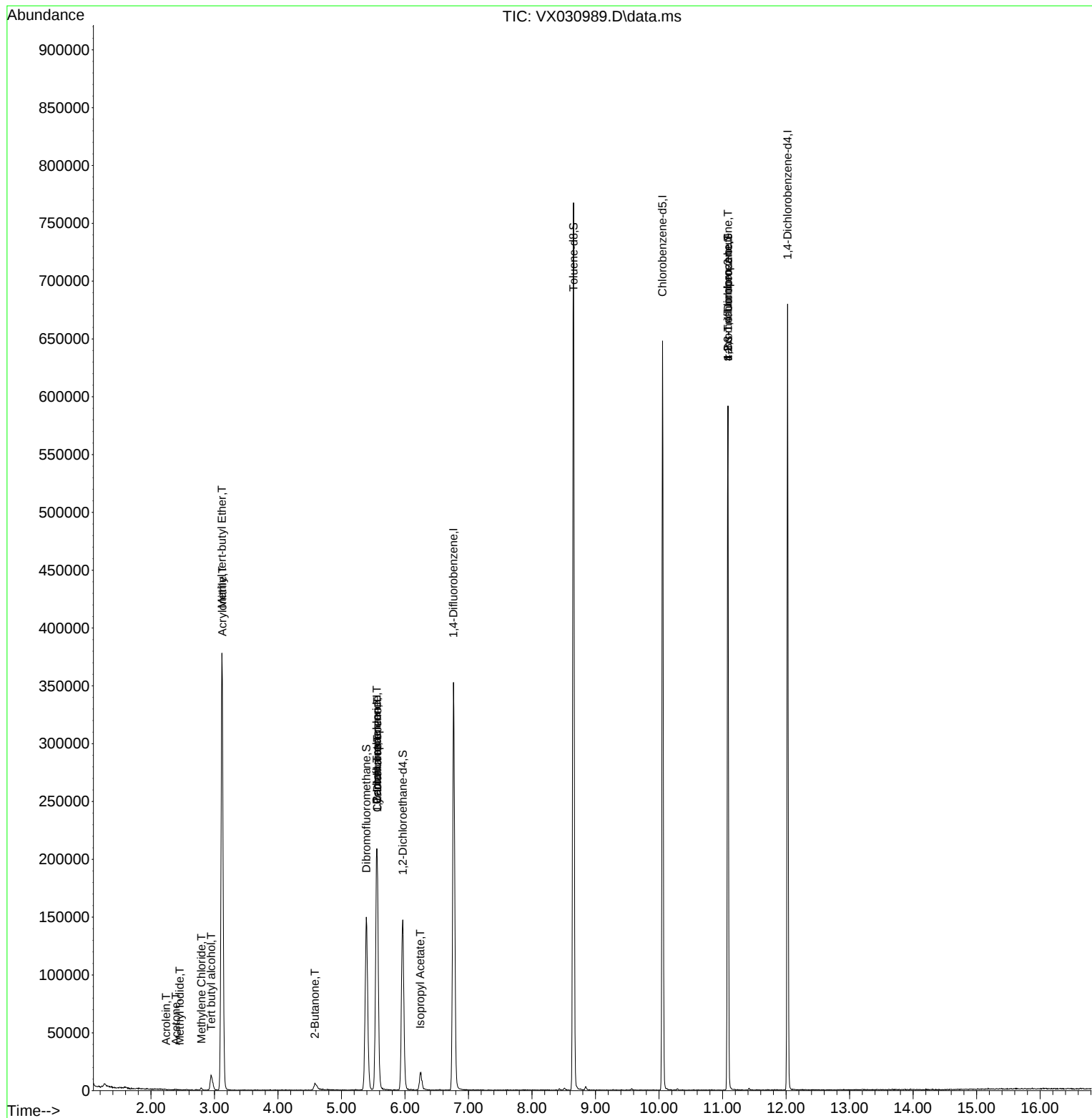
Internal Standards						
1) Pentafluorobenzene	5.556	168	208497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	361855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142141	47.532	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.060%
35) Dibromofluoromethane	5.391	113	130985	49.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.653	98	476944	48.282	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.085	95	161131	45.805	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	256	Below Cal		99
10) Methyl Iodide	2.453	142	40	4.392 ug/l	#	45
11) Tert butyl alcohol	2.946	59	10775	15.208 ug/l	#	74
13) Acrolein	2.239	56	26	7.344 ug/l	#	14
15) Acrylonitrile	3.123	53	4567	2.919 ug/l	#	30
16) Acetone	2.392	43	727	0.539 ug/l	#	40
19) Methyl tert-butyl Ether	3.117	73	437965	53.067 ug/l		95
20) Methylene Chloride	2.794	84	907	0.296 ug/l	#	70
25) 2-Butanone	4.580	43	579	0.265 ug/l	#	48
31) Cyclohexane	5.562	56	3534	0.798 ug/l	#	1
36) 1,1-Dichloropropene	5.562	75	16254	4.100 ug/l	#	48
38) Carbon Tetrachloride	5.556	117	20247	5.364 ug/l	#	17
43) Isopropyl Acetate	6.239	43	3844	0.594 ug/l	#	60
76) 1,2,3-Trichloropropane	11.085	75	73677	21.207 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	73677	63.052 ug/l	#	13

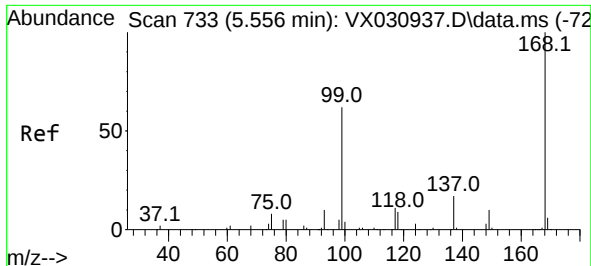
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
Data File : VX030989.D
Acq On : 31 Aug 2022 19:28
Operator : JC/MD
Sample : N4381-06DL 25X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

Quant Time: Sep 06 02:22:10 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

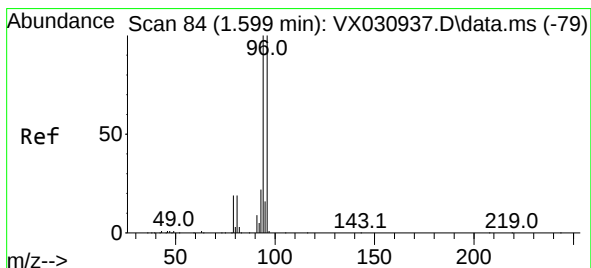
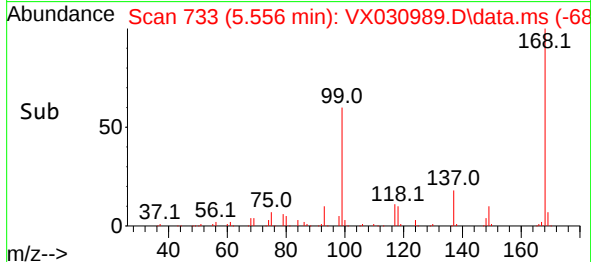
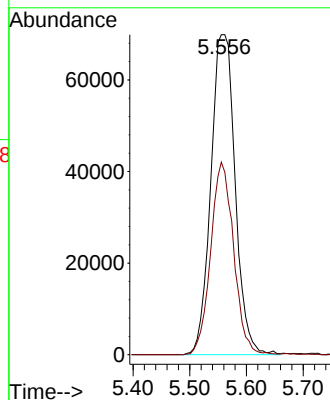
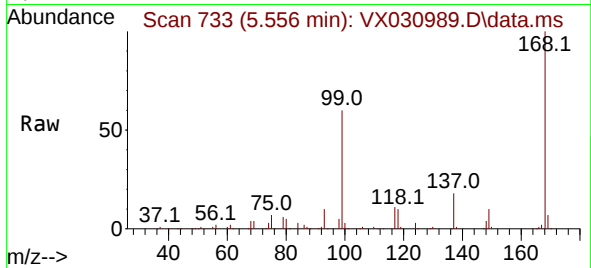




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

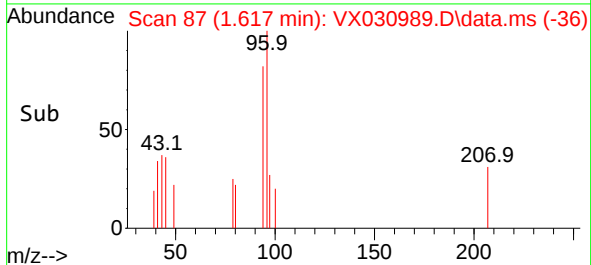
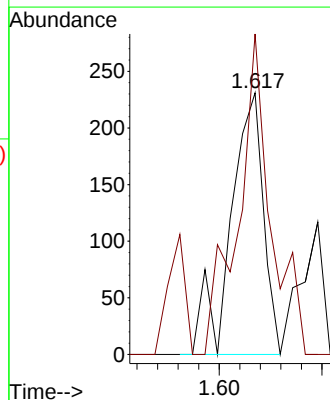
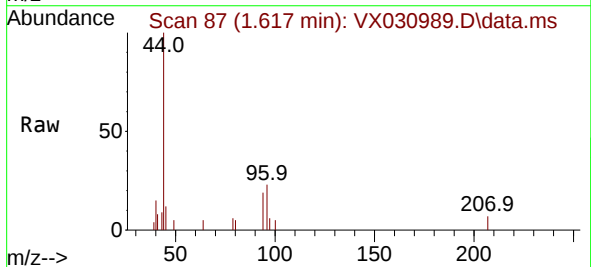
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

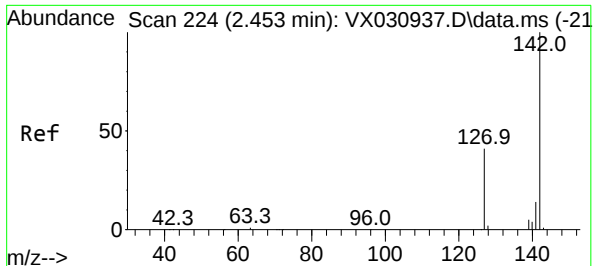
Tgt Ion:168 Resp: 208497
Ion Ratio Lower Upper
168 100
99 60.1 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 97.4 76.9 115.3

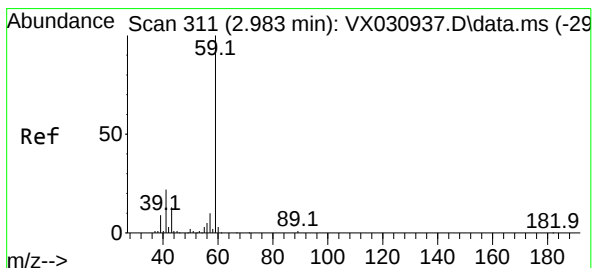
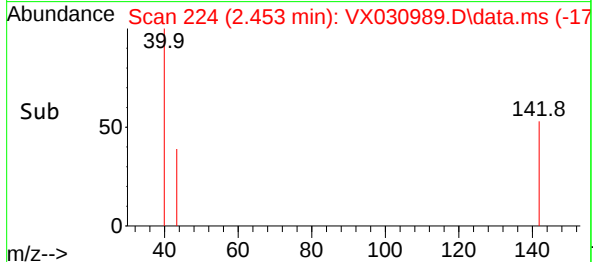
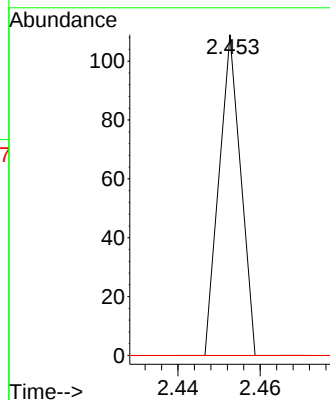
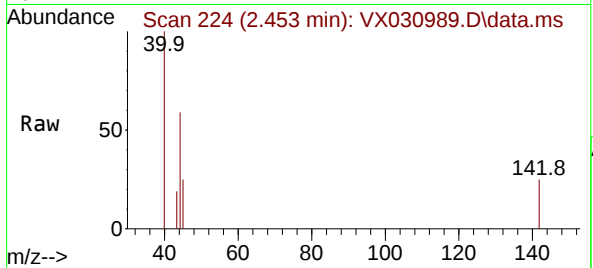




#10
Methyl Iodide
Concen: 4.392 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

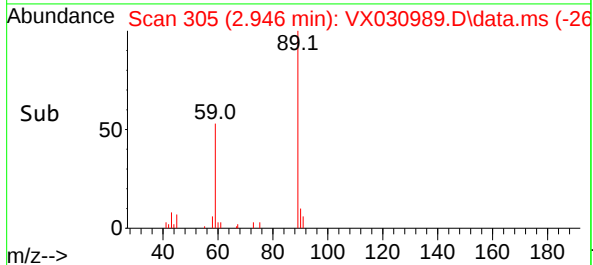
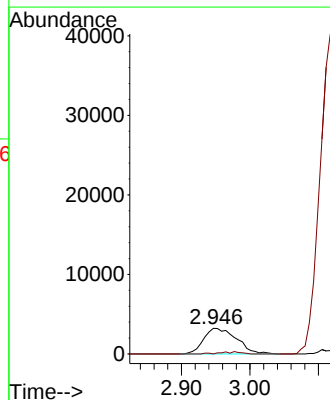
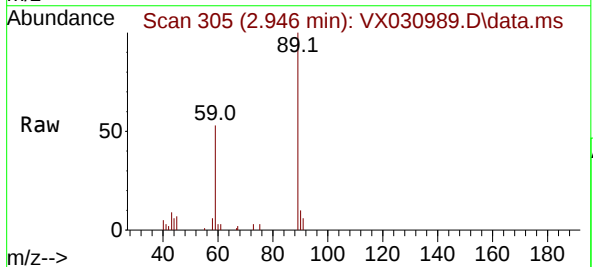
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

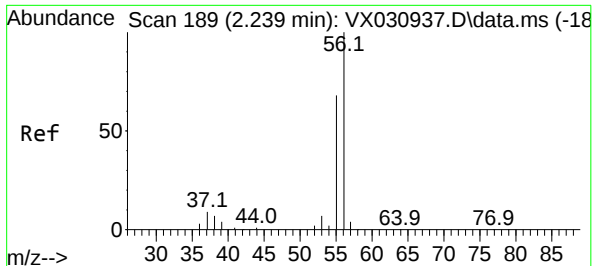
Tgt Ion:142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 15.208 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion: 59 Resp: 10775
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

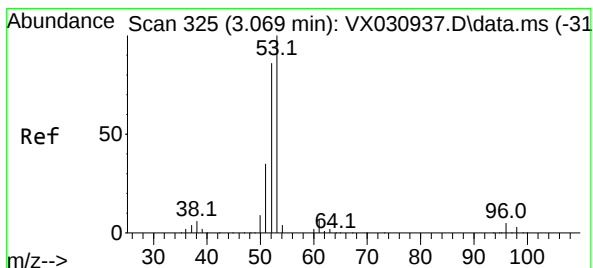
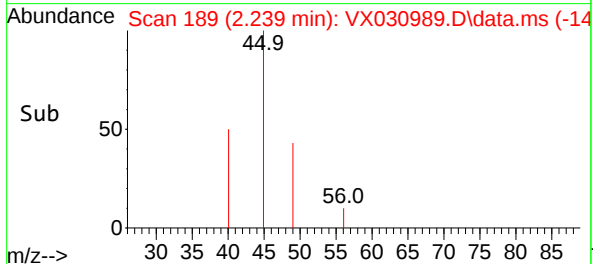
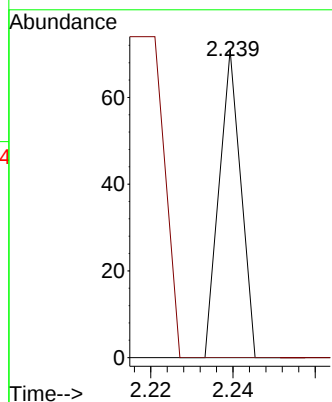
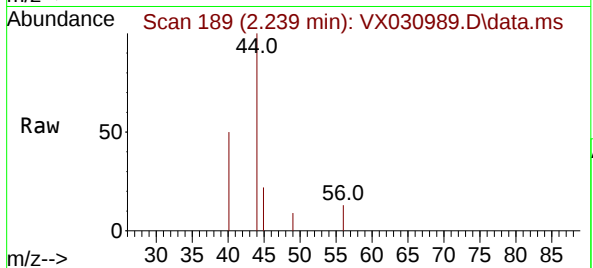




#13
Acrolein
Concen: 7.344 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

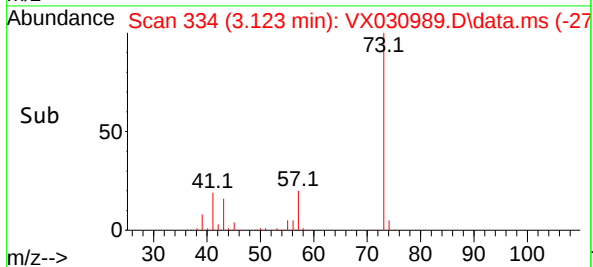
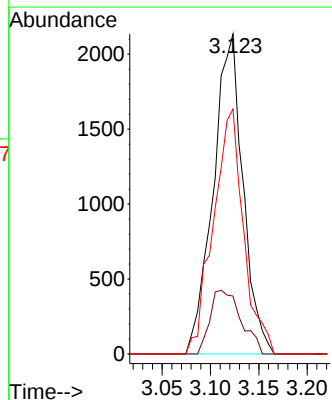
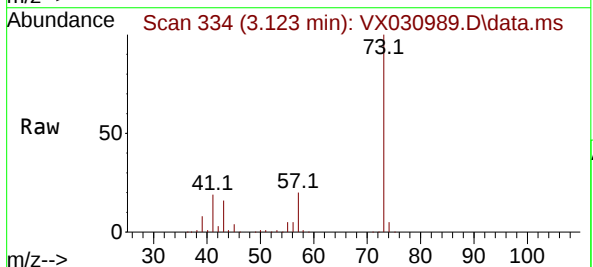
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

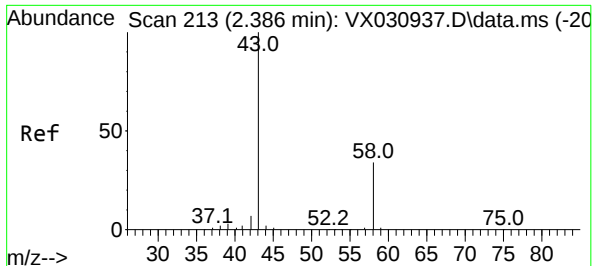
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#15
Acrylonitrile
Concen: 2.919 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.054 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion: 53 Resp: 4567
Ion Ratio Lower Upper
53 100
52 20.8 65.4 98.0#
51 77.6 27.7 41.5#

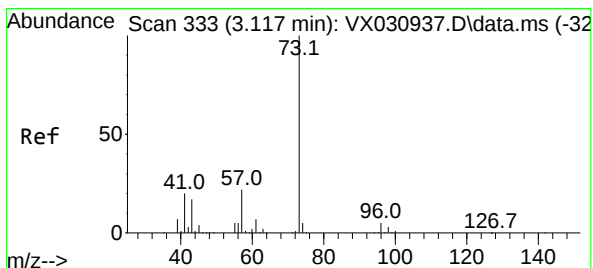
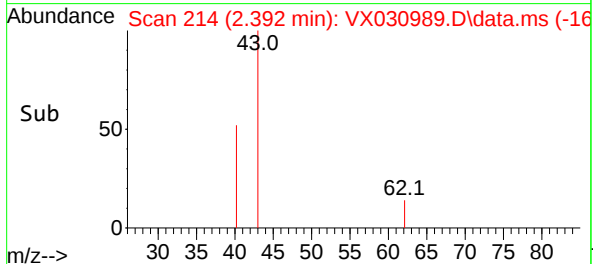
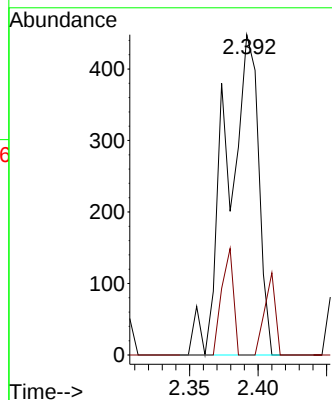
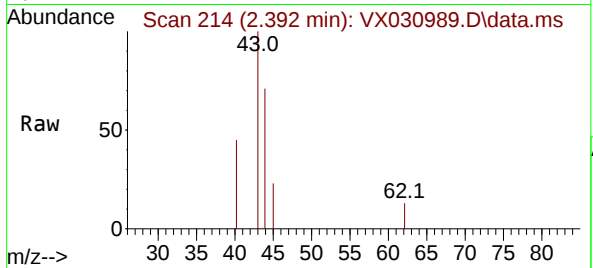




#16
Acetone
Concen: 0.539 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

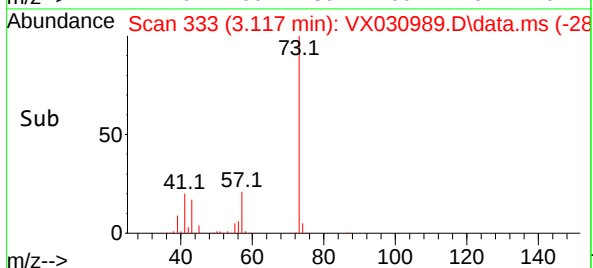
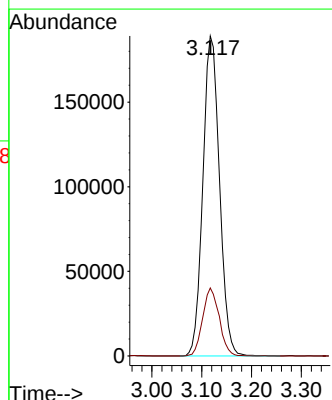
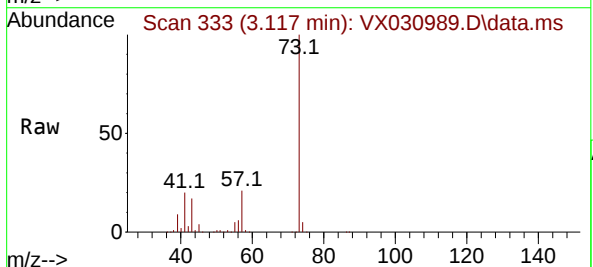
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

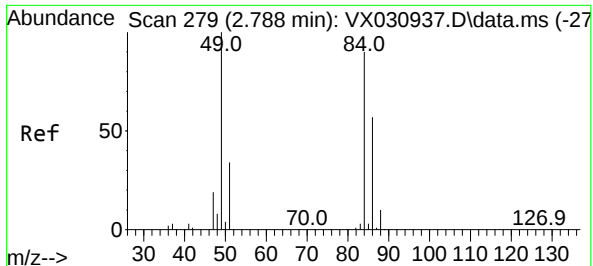
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#19
Methyl tert-butyl Ether
Concen: 53.067 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion: 73 Resp: 437965
Ion Ratio Lower Upper
73 100
57 21.3 19.0 28.6

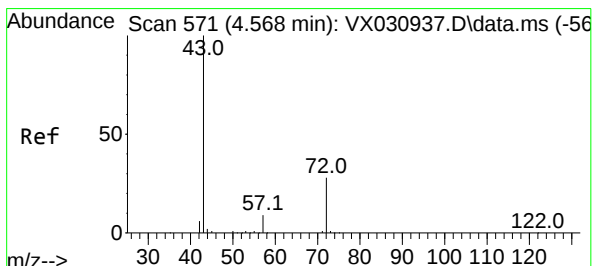
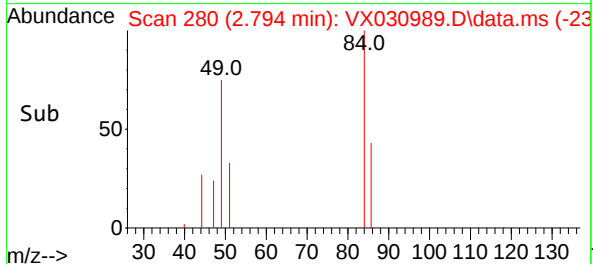
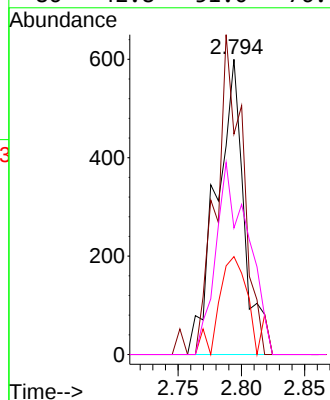
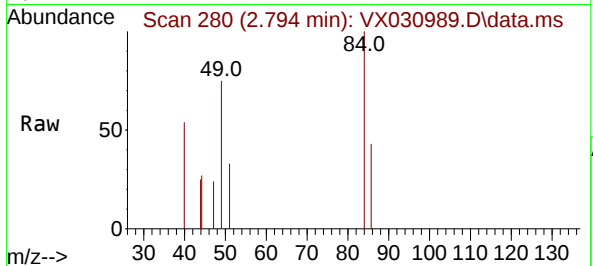




#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

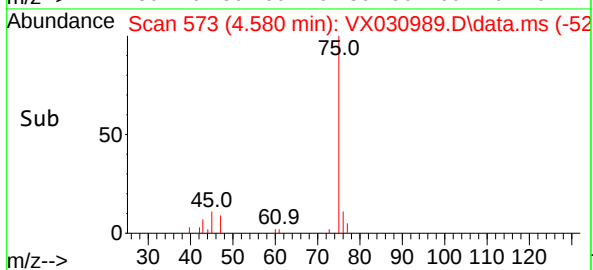
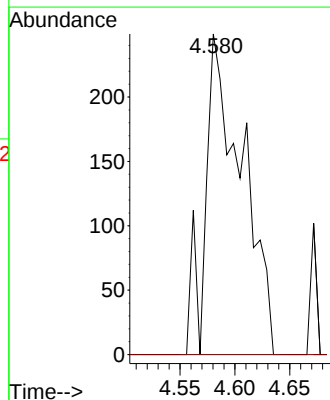
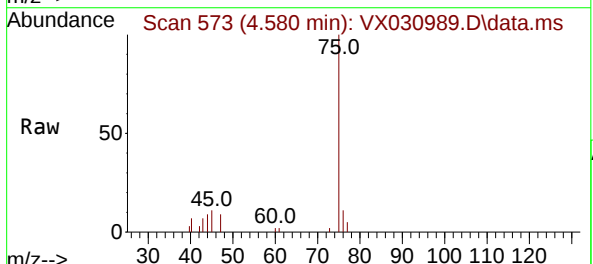
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

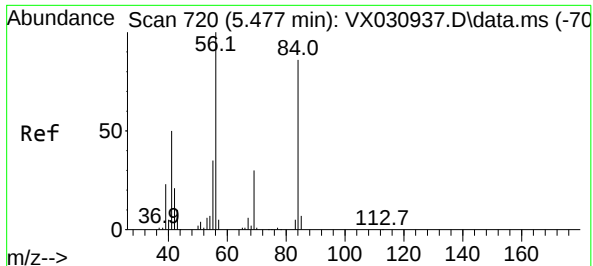
Tgt Ion:	84	Resp:	907
Ion	Ratio	Lower	Upper
84	100		
49	74.7	93.8	140.6#
51	33.2	29.4	44.0
86	42.8	51.0	76.4#



#25
2-Butanone
Concen: 0.265 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion:	43	Resp:	579
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5#

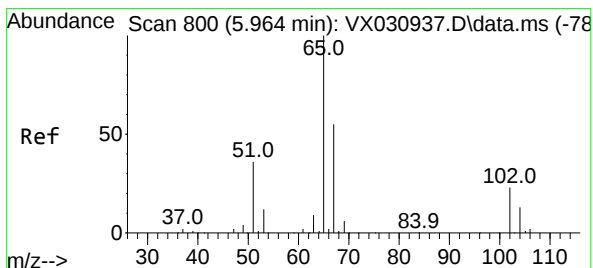
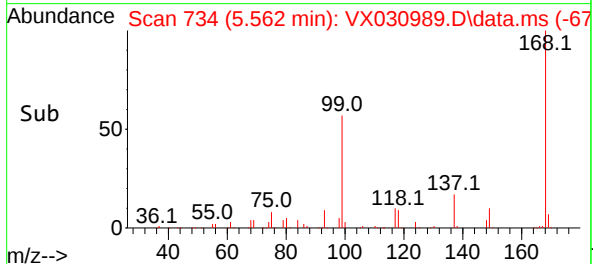
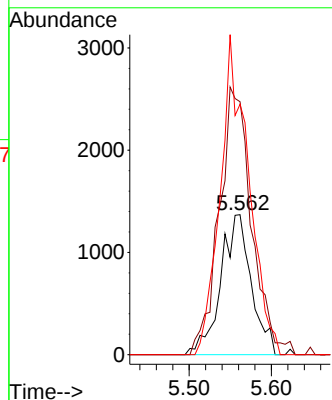
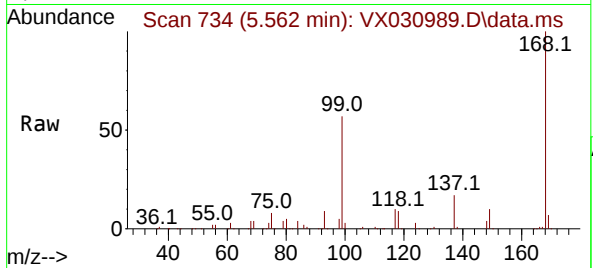




#31
Cyclohexane
Concen: 0.798 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

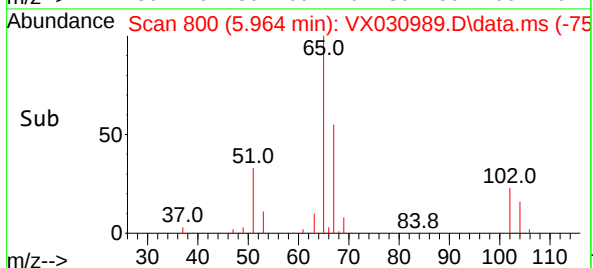
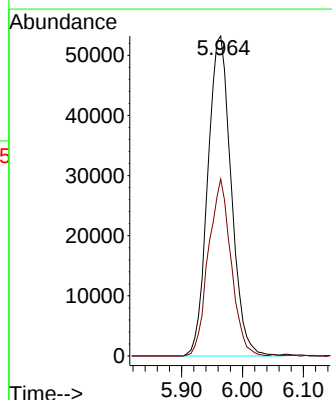
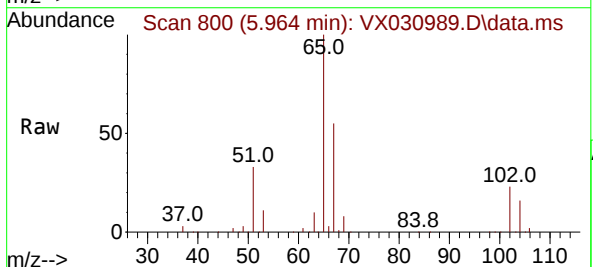
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

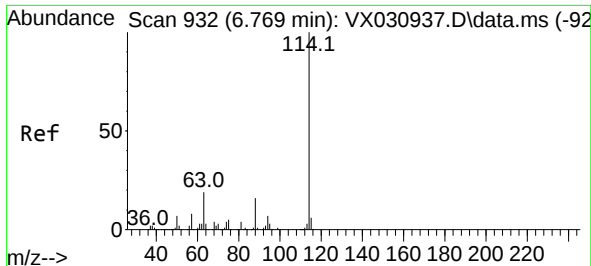
Tgt Ion: 56 Resp: 3534
Ion Ratio Lower Upper
56 100
69 180.7 25.4 38.0#
84 178.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.532 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion: 65 Resp: 142141
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

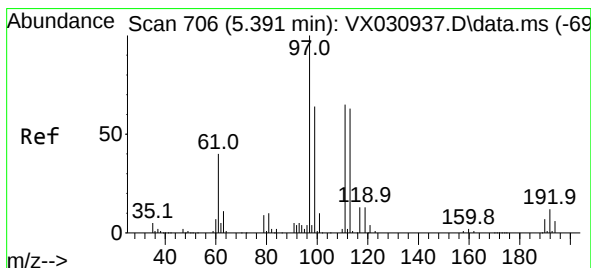
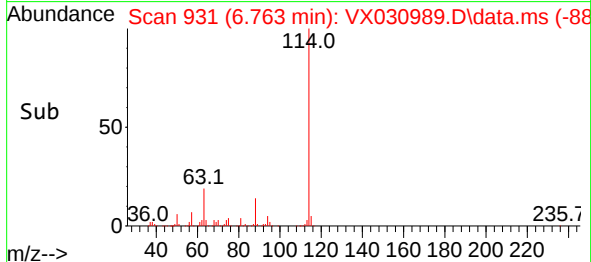
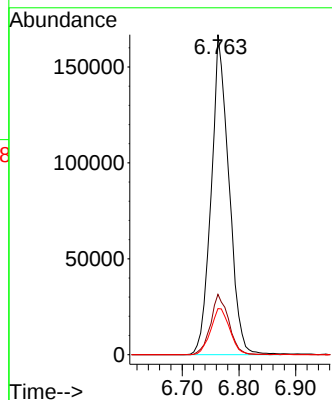
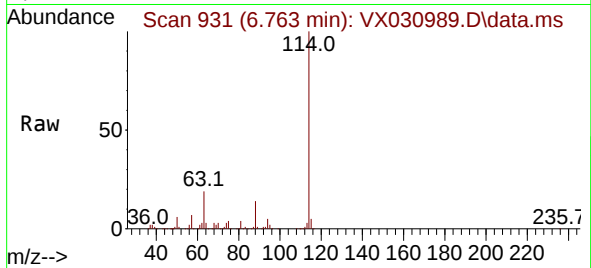




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX030989.D
 Acq: 31 Aug 2022 19:28

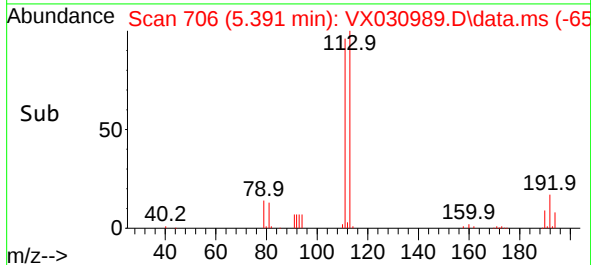
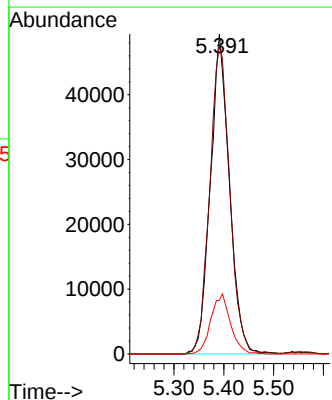
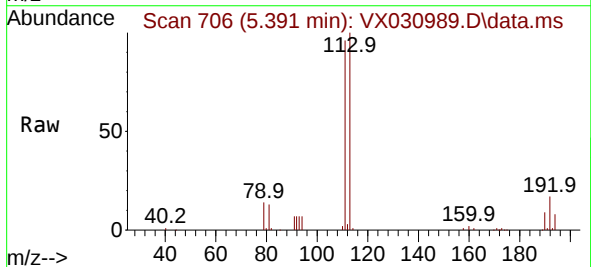
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36DL

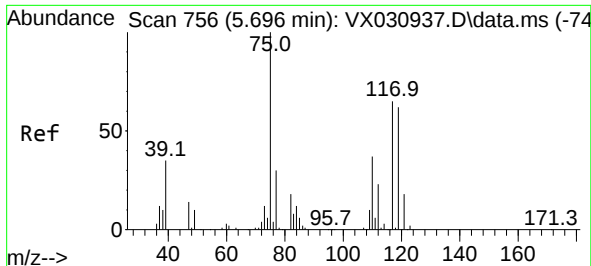
Tgt Ion:114 Resp: 361855
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 14.4 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 49.106 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX030989.D
 Acq: 31 Aug 2022 19:28

Tgt Ion:113 Resp: 130985
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.2 124.8
 192 19.3 14.8 22.2

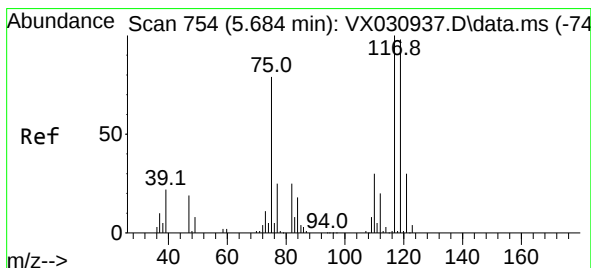
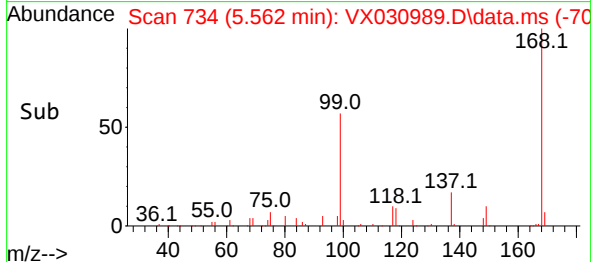
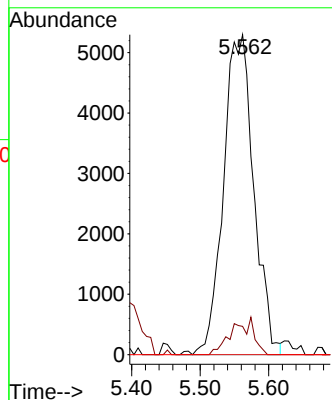
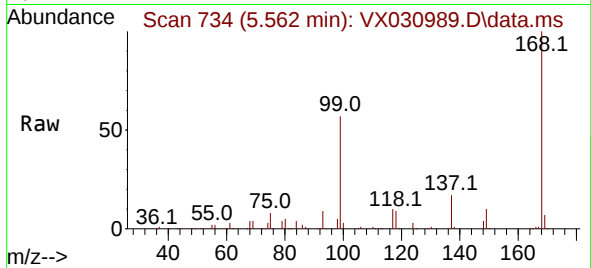




#36
1,1-Dichloropropene
Concen: 4.100 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

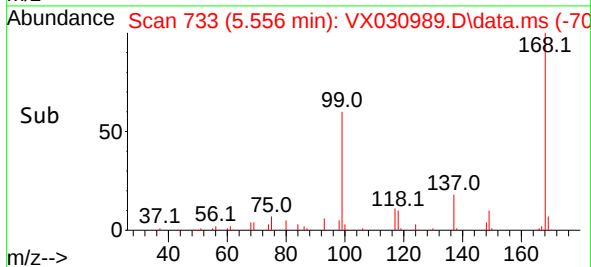
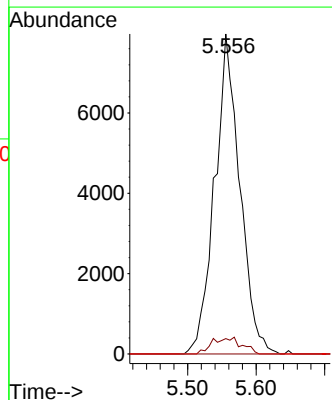
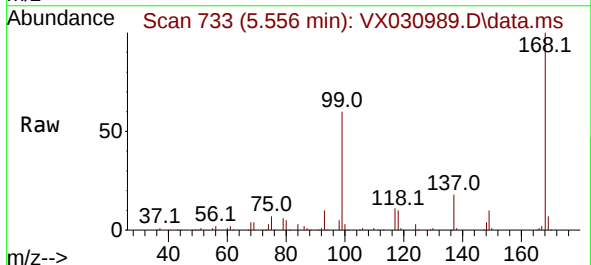
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

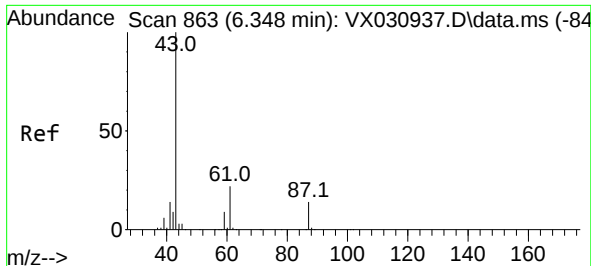
Tgt Ion: 75 Resp: 16254
Ion Ratio Lower Upper
75 100
110 8.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.364 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion: 117 Resp: 20247
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 25.8 38.8#

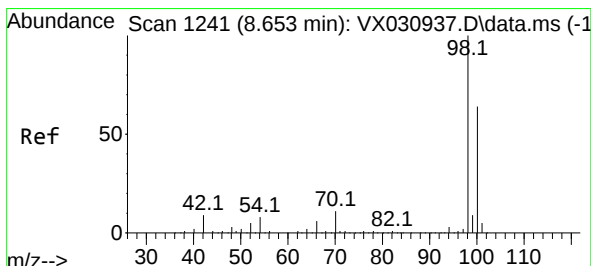
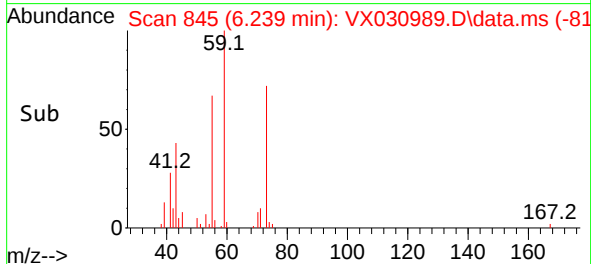
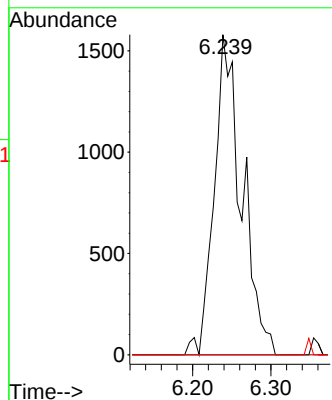
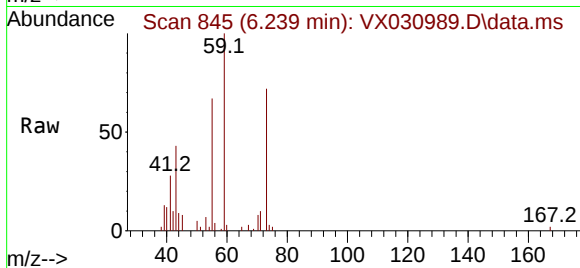




#43
Isopropyl Acetate
Concen: 0.594 ug/l
RT: 6.239 min Scan# 84
Delta R.T. -0.109 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

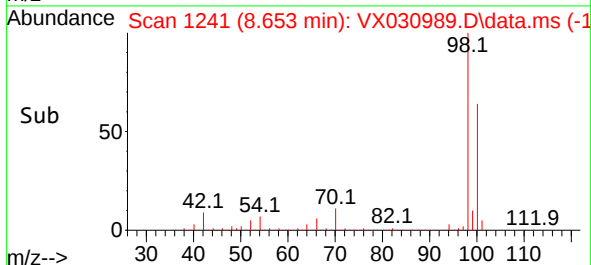
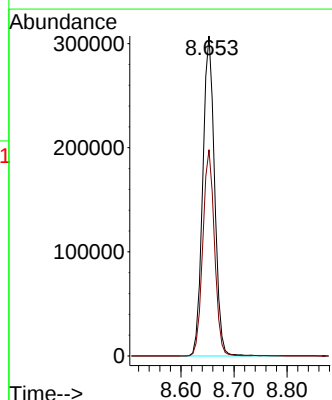
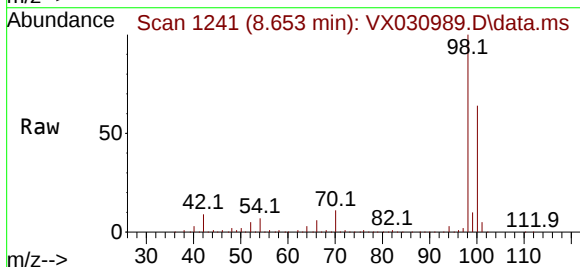
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

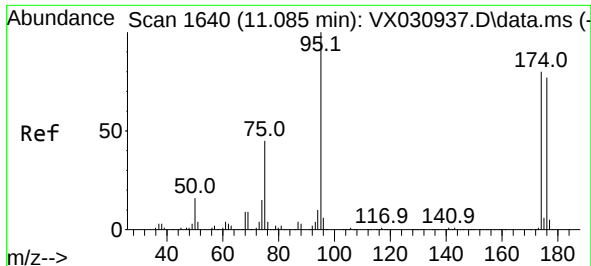
Tgt Ion: 43 Resp: 3844
Ion Ratio Lower Upper
43 100
61 0.0 16.5 24.7#
87 0.0 11.1 16.7#



#50
Toluene-d8
Concen: 48.282 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion: 98 Resp: 476944
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5

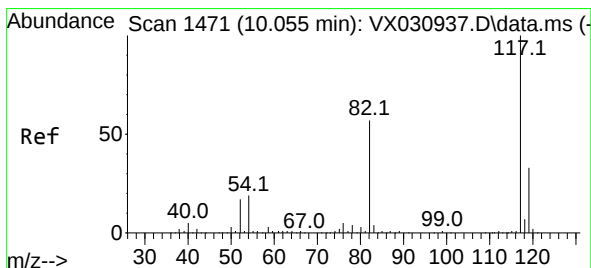
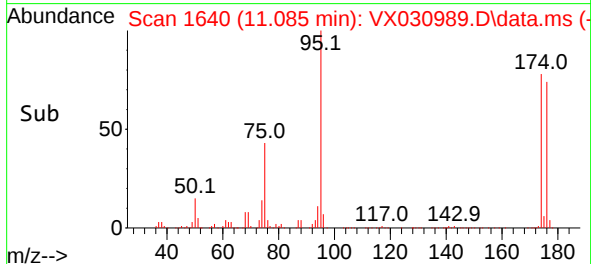
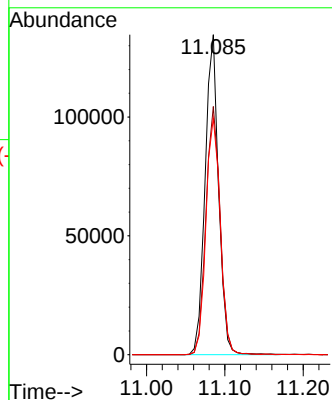
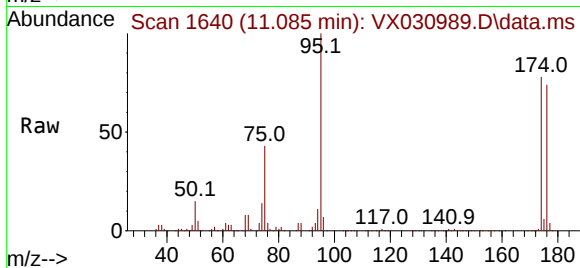




#62
4-Bromofluorobenzene
Concen: 45.805 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

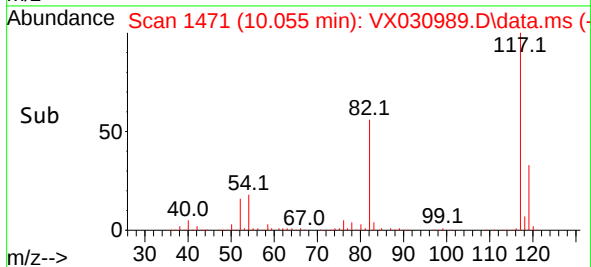
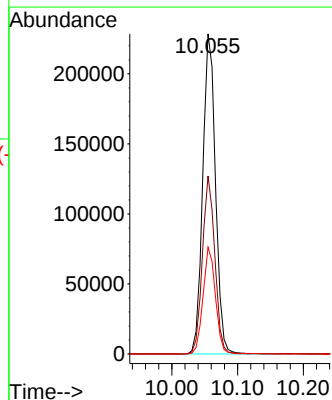
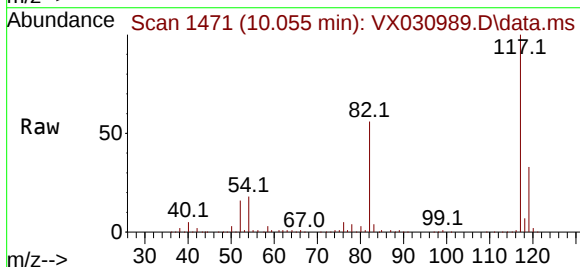
Instrument :
MSVOA_X
ClientSampleId :
MW-36DL

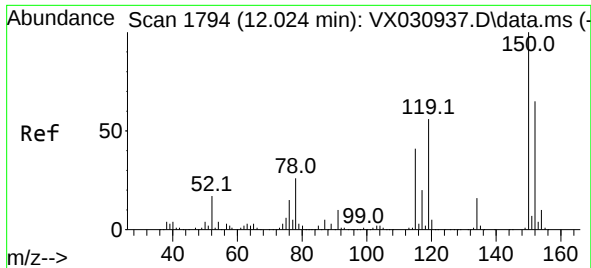
Tgt Ion: 95 Resp: 161131
Ion Ratio Lower Upper
95 100
174 81.6 0.0 149.0
176 78.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030989.D
Acq: 31 Aug 2022 19:28

Tgt Ion: 117 Resp: 308262
Ion Ratio Lower Upper
117 100
82 55.6 42.7 64.1
119 33.3 25.4 38.2

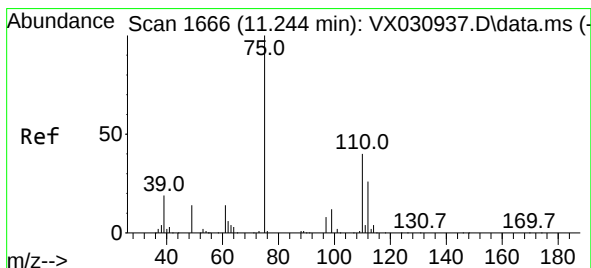
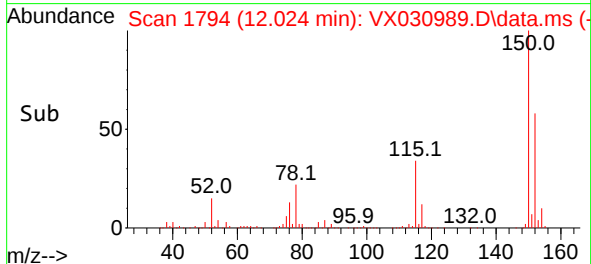
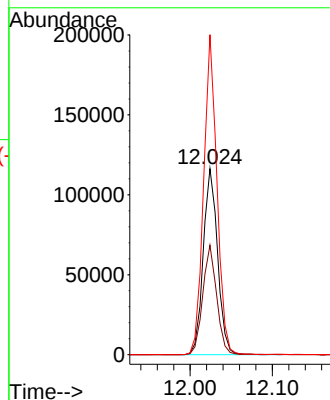
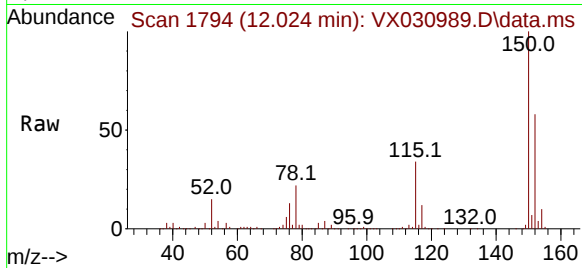




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030989.D
 Acq: 31 Aug 2022 19:28

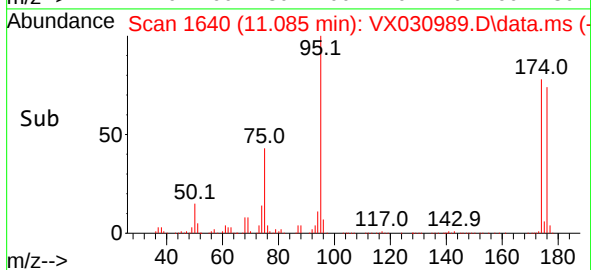
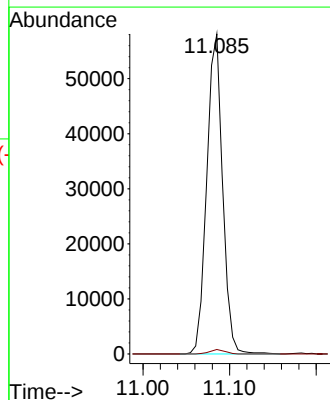
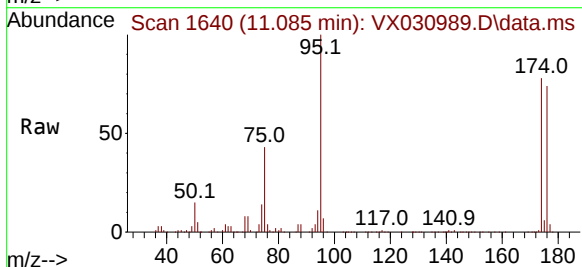
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36DL

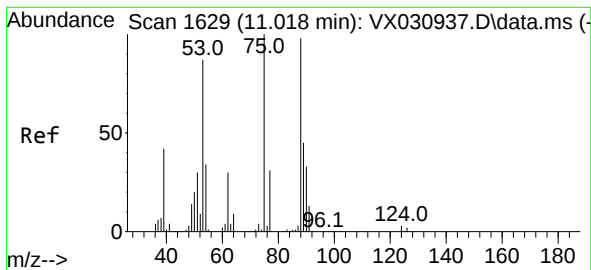
Tgt Ion:152 Resp: 141118
 Ion Ratio Lower Upper
 152 100
 115 57.0 40.5 121.5
 150 159.8 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.207 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030989.D
 Acq: 31 Aug 2022 19:28

Tgt Ion: 75 Resp: 73677
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.052 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX030989.D
 Acq: 31 Aug 2022 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36DL

Tgt Ion: 75 Resp: 73677
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

