

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030988.D
 Acq On : 31 Aug 2022 19:05
 Operator : JC/MD
 Sample : N4381-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

Quant Time: Sep 06 02:21:49 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)

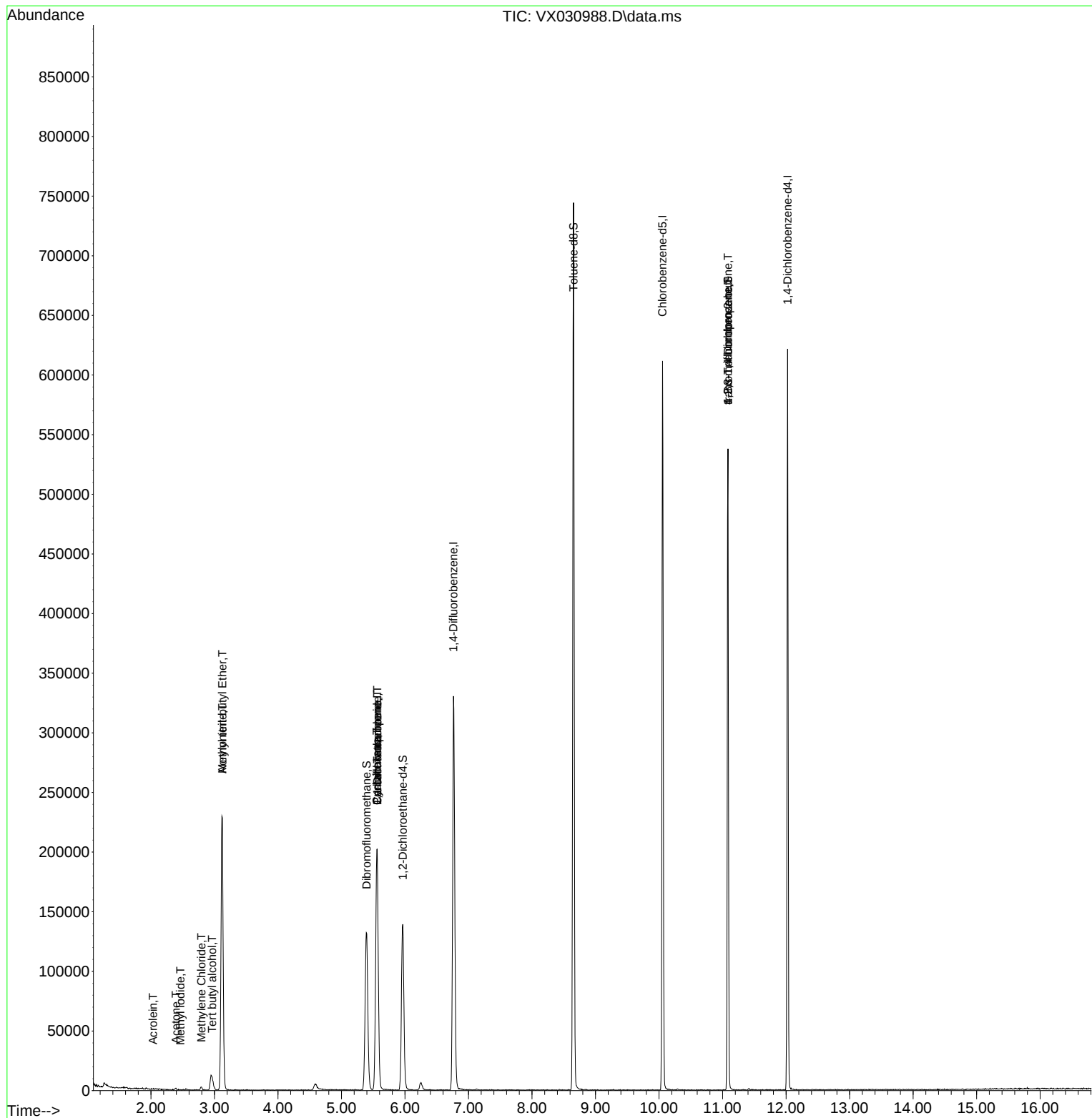
Internal Standards						
1) Pentafluorobenzene	5.562	168	200539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	347672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136256	47.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.740%
35) Dibromofluoromethane	5.397	113	122516	47.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.653	98	457326	48.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.085	95	145859	43.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.320%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	118	Below Cal	#	2
10) Methyl Iodide	2.465	142	63	4.402	ug/l #	45
11) Tert butyl alcohol	2.965	59	13107	19.234	ug/l #	74
13) Acrolein	2.032	56	20	7.330	ug/l #	71
15) Acrylonitrile	3.123	53	2929	1.946	ug/l #	30
16) Acetone	2.392	43	1351	1.041	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	271461	34.197	ug/l	91
20) Methylene Chloride	2.794	84	1392	0.472	ug/l	83
31) Cyclohexane	5.556	56	3652	0.858	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	15440	4.053	ug/l #	48
38) Carbon Tetrachloride	5.562	117	19925	5.494	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	67556	20.643	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	67556	61.375	ug/l #	13

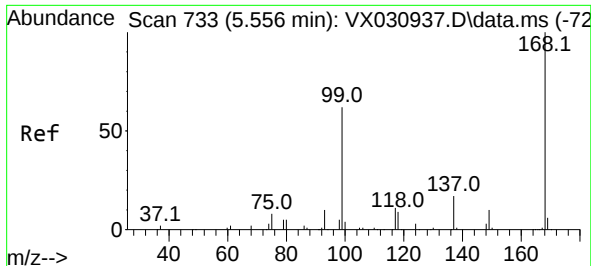
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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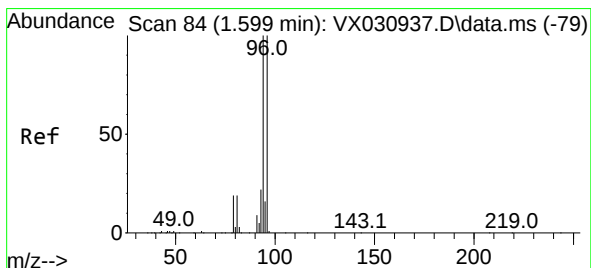
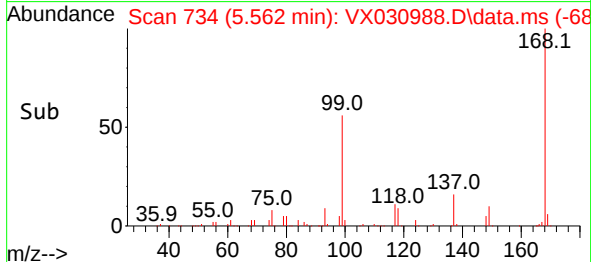
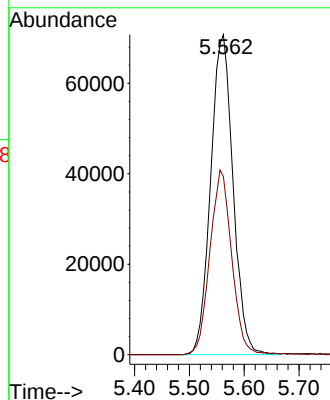
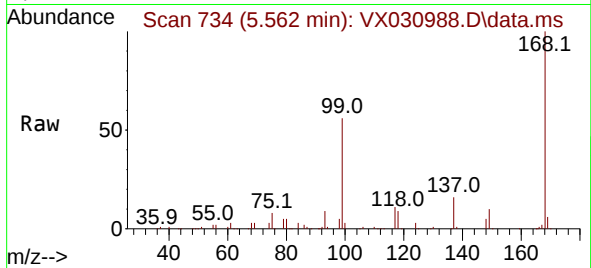




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

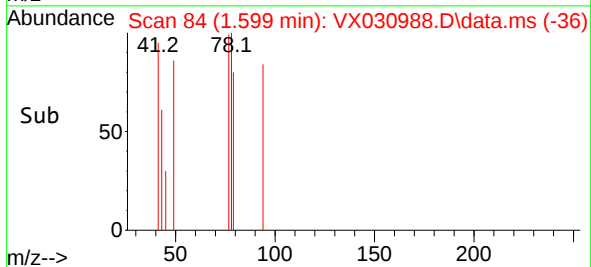
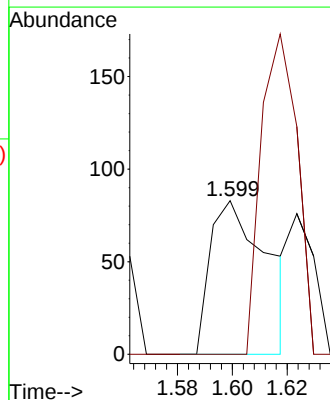
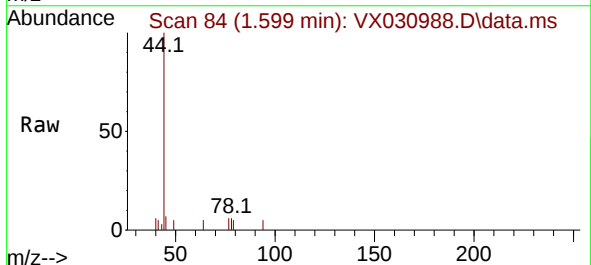
Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

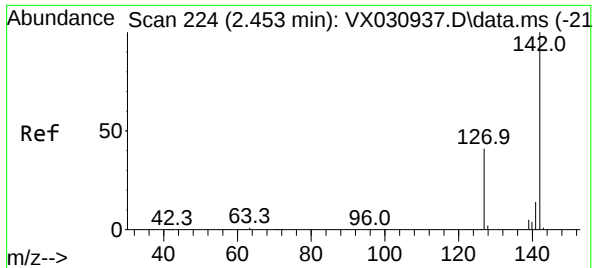
Tgt Ion:168 Resp: 200539
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 94 Resp: 118
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#

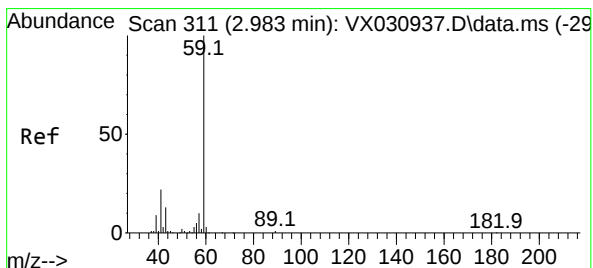
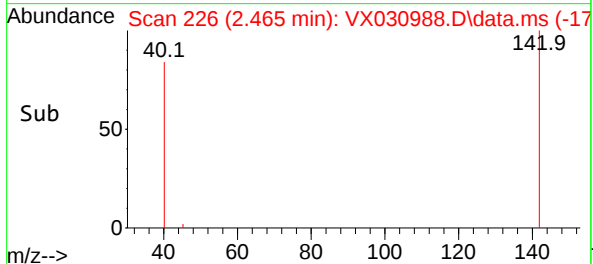
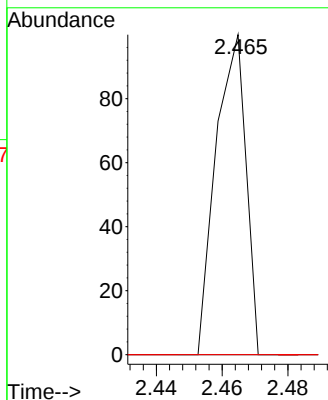
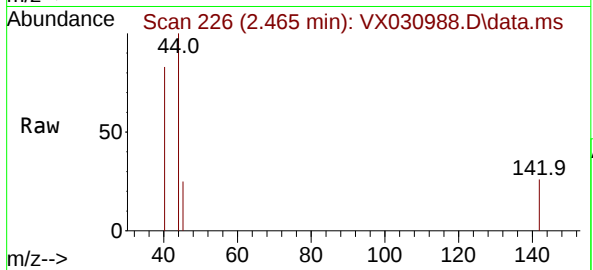




#10
Methyl Iodide
Concen: 4.402 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

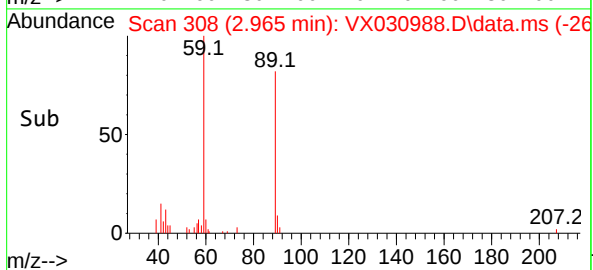
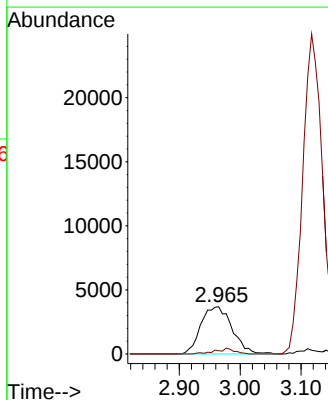
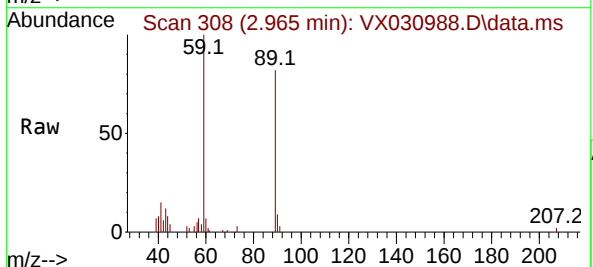
Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

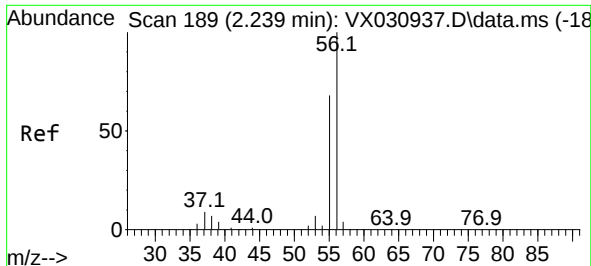
Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 19.234 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 59 Resp: 13107
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

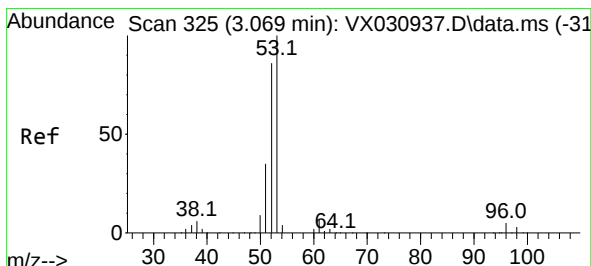
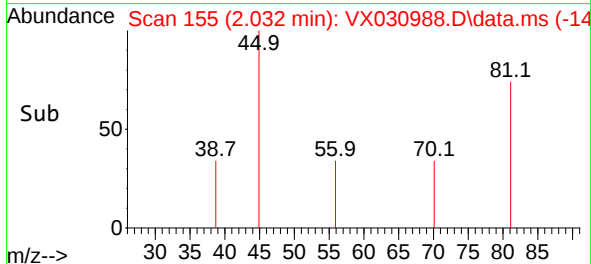
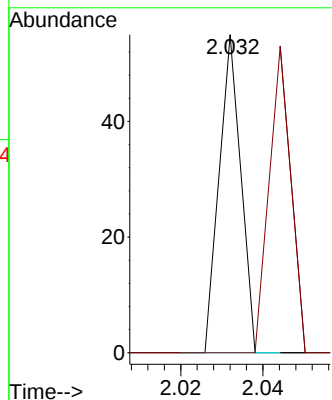
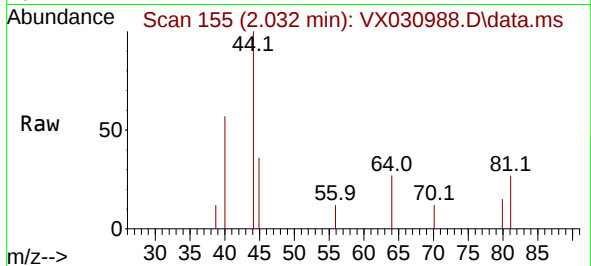




#13
Acrolein
Concen: 7.330 ug/l
RT: 2.032 min Scan# 11
Delta R.T. -0.207 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

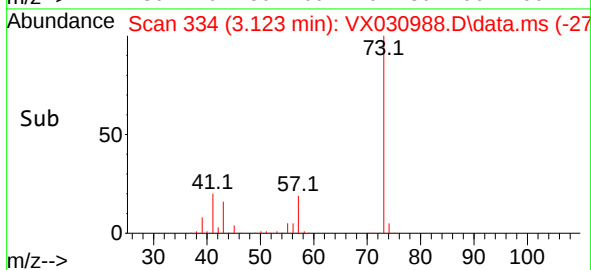
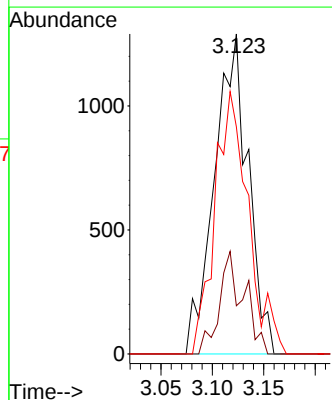
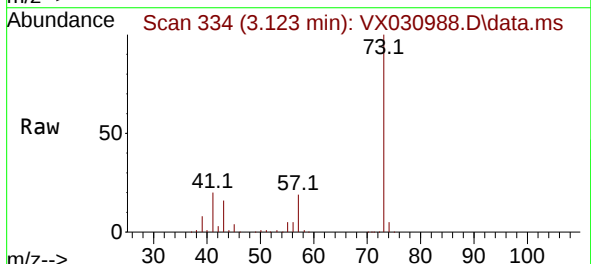
Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

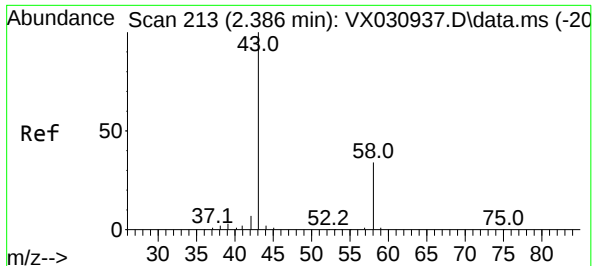
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 95.0 56.6 84.8#



#15
Acrylonitrile
Concen: 1.946 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.054 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 53 Resp: 2929
Ion Ratio Lower Upper
53 100
52 23.4 65.4 98.0#
51 81.7 27.7 41.5#

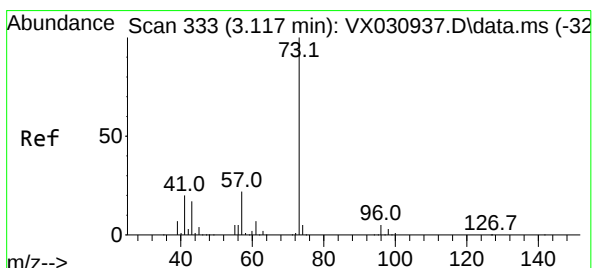
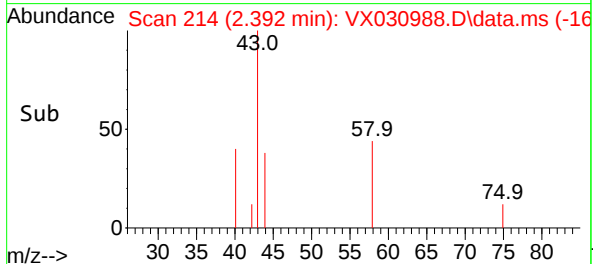
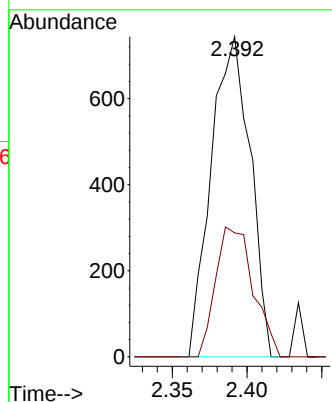
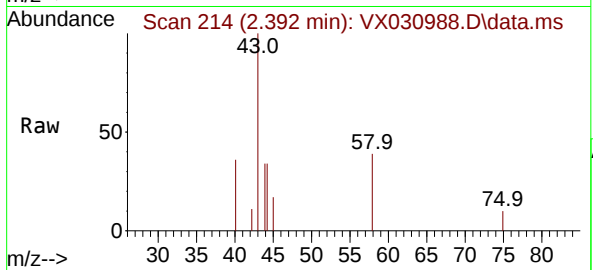




#16
Acetone
Concen: 1.041 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

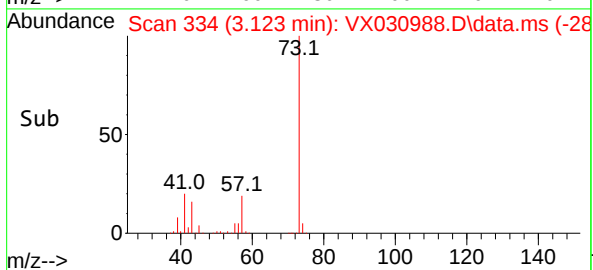
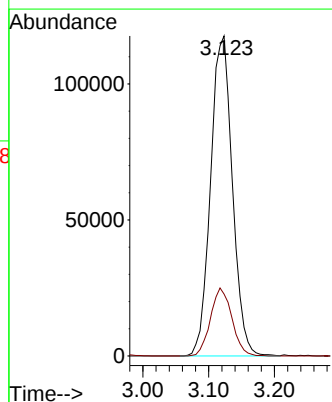
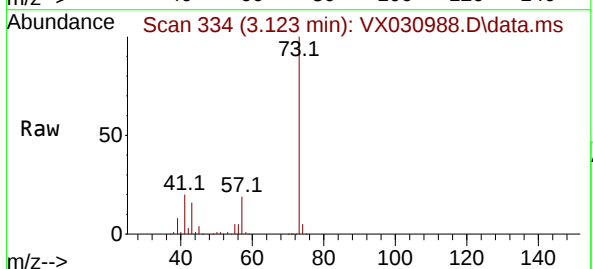
Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

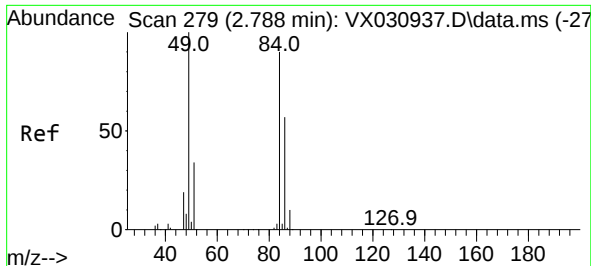
Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 38.7 27.7 41.5



#19
Methyl tert-butyl Ether
Concen: 34.197 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 73 Resp: 271461
Ion Ratio Lower Upper
73 100
57 19.4 19.0 28.6

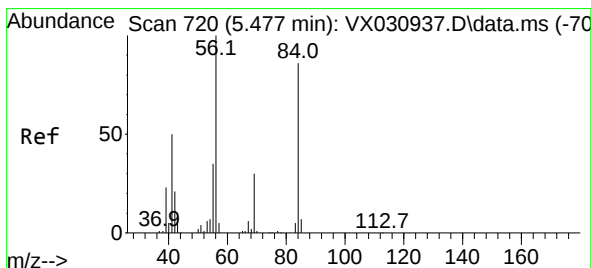
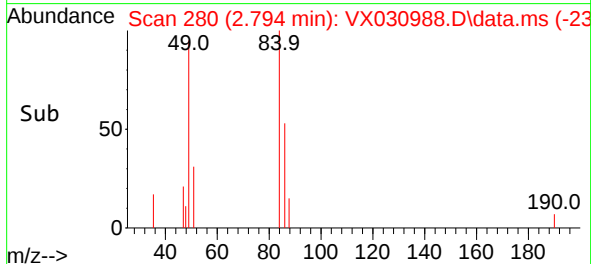
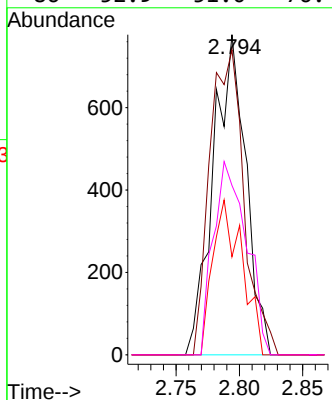
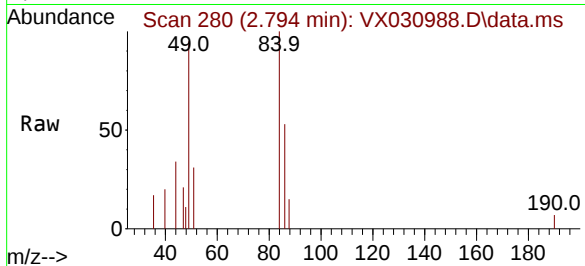




#20
Methylene Chloride
Concen: 0.472 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

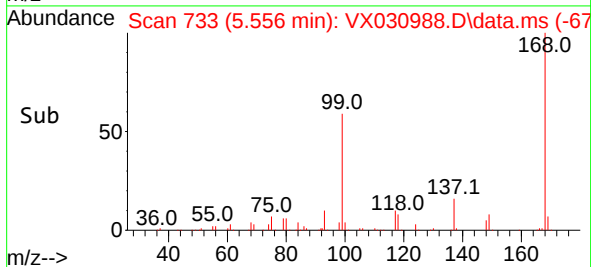
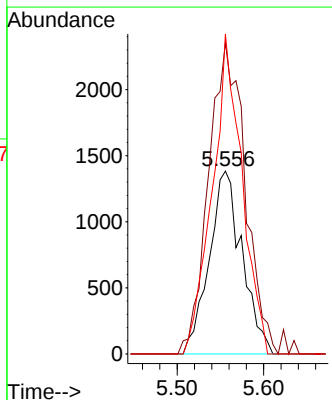
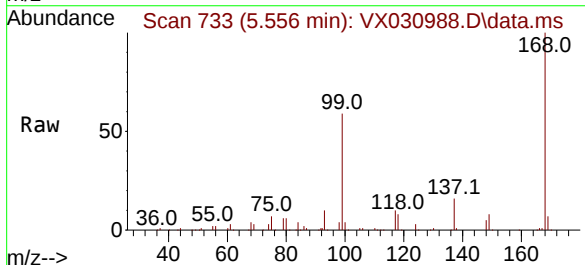
Instrument :
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ClientSampleId :
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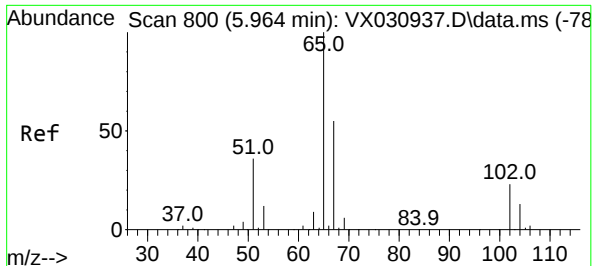
Tgt Ion:	84	Resp:	1392
Ion	Ratio	Lower	Upper
84	100		
49	95.2	93.8	140.6
51	30.6	29.4	44.0
86	52.9	51.0	76.4



#31
Cyclohexane
Concen: 0.858 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion:	56	Resp:	3652
Ion	Ratio	Lower	Upper
56	100		
69	170.4	25.4	38.0#
84	180.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.372 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030988.D

Acq: 31 Aug 2022 19:05

Instrument :

MSVOA_X

ClientSampleId :

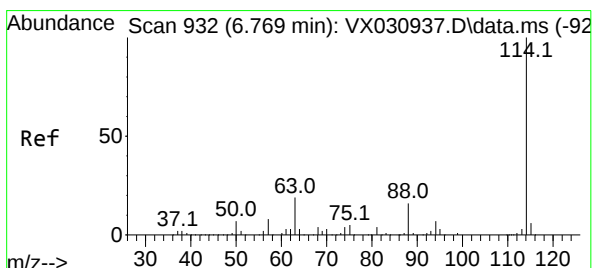
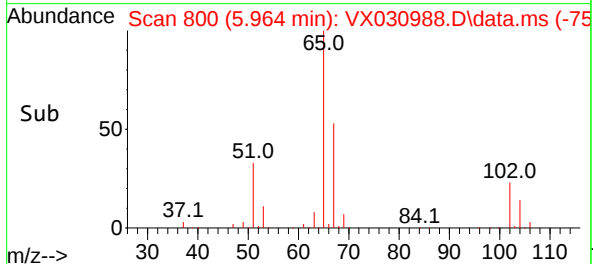
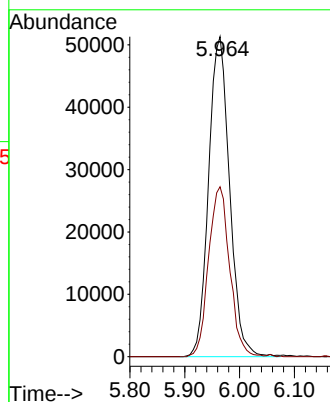
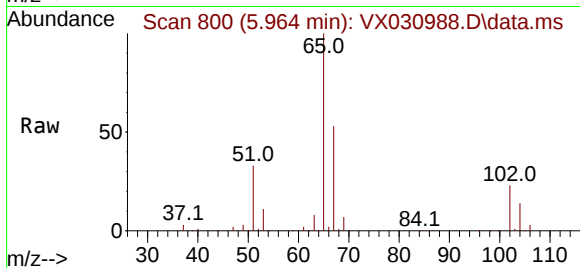
MW-24DL

Tgt Ion: 65 Resp: 136256

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030988.D

Acq: 31 Aug 2022 19:05

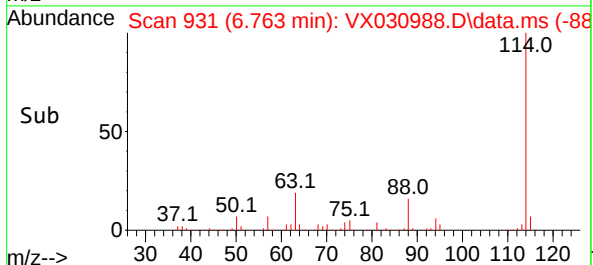
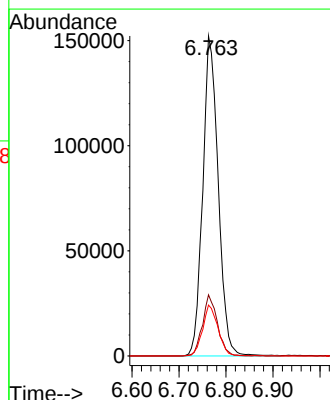
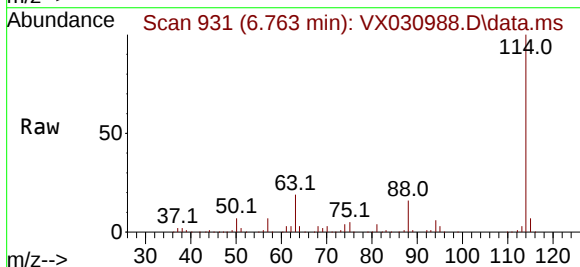
Tgt Ion: 114 Resp: 347672

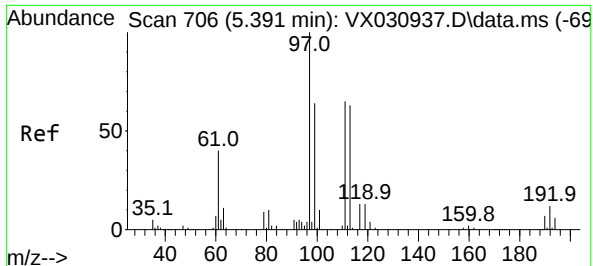
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.805 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030988.D

Acq: 31 Aug 2022 19:05

Instrument :

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MW-24DL

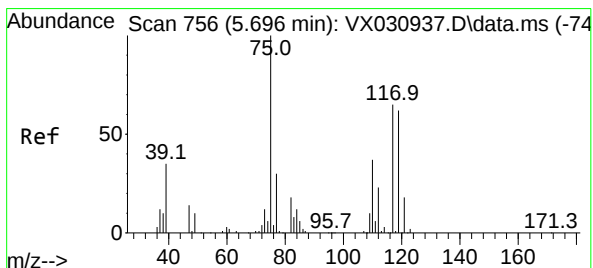
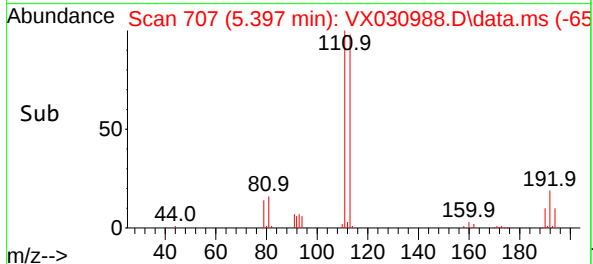
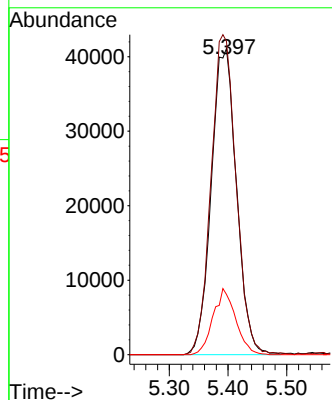
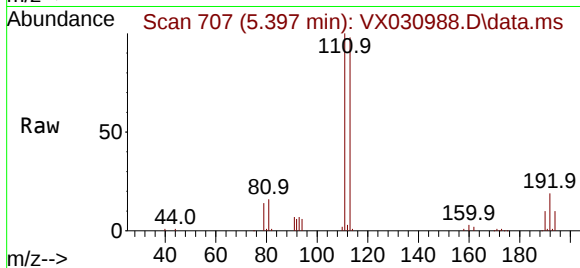
Tgt Ion:113 Resp: 122516

Ion Ratio Lower Upper

113 100

111 103.8 83.2 124.8

192 19.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.053 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030988.D

Acq: 31 Aug 2022 19:05

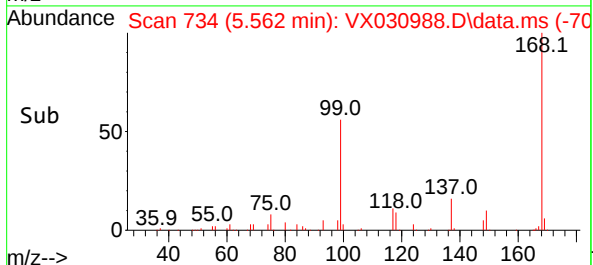
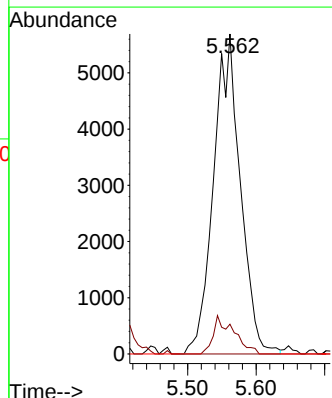
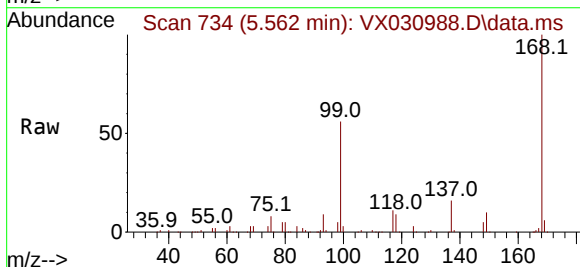
Tgt Ion: 75 Resp: 15440

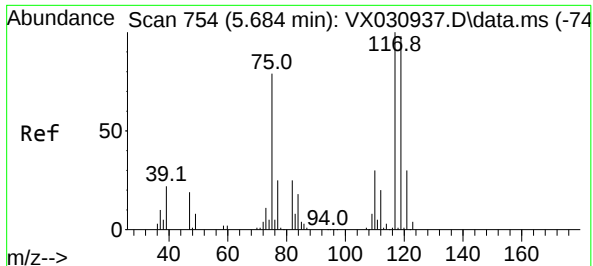
Ion Ratio Lower Upper

75 100

110 9.2 19.3 57.9#

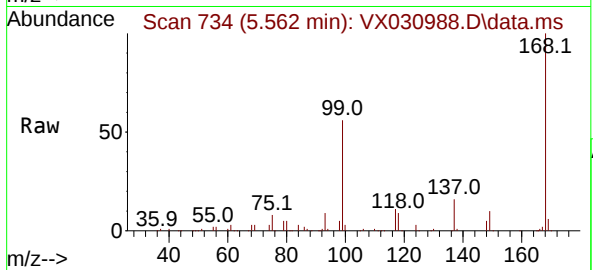
77 0.0 24.4 36.6#



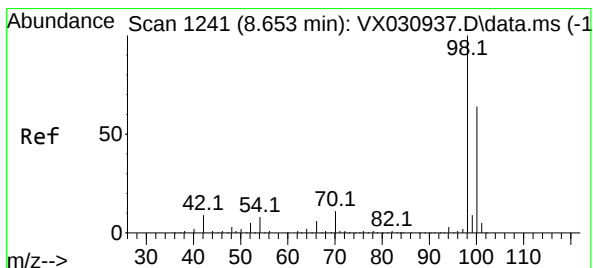
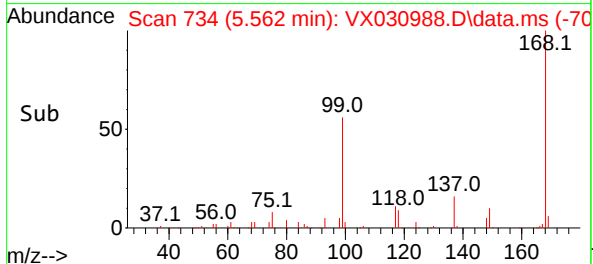
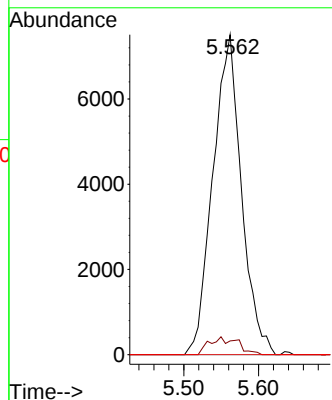


#38
Carbon Tetrachloride
Concen: 5.494 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

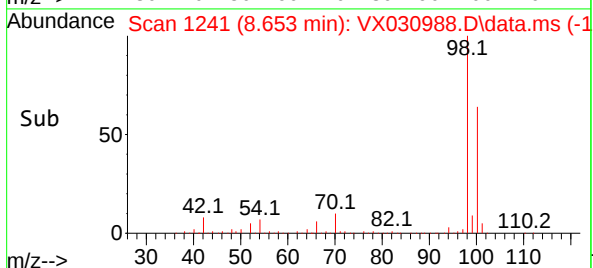
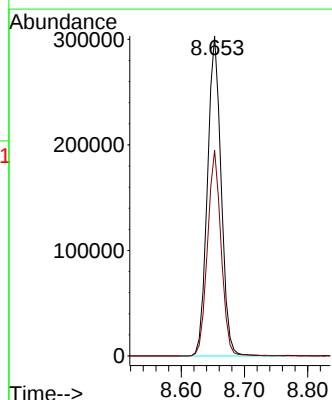
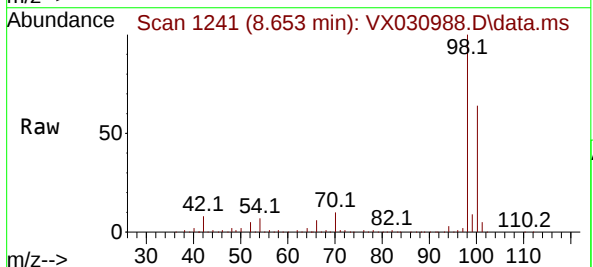


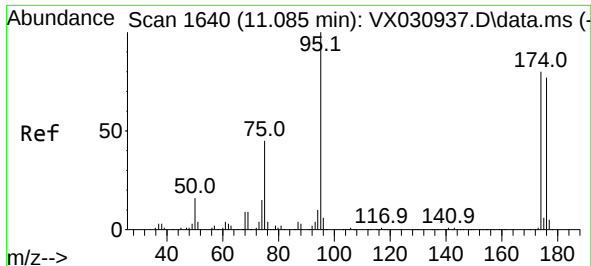
Tgt Ion:117 Resp: 19925
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.184 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 98 Resp: 457326
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5

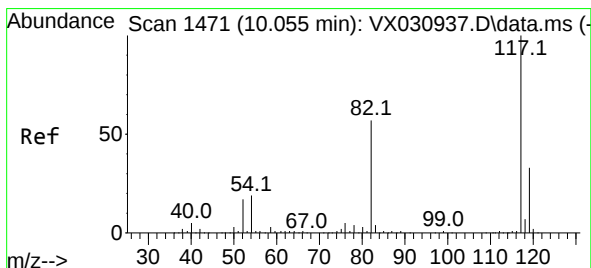
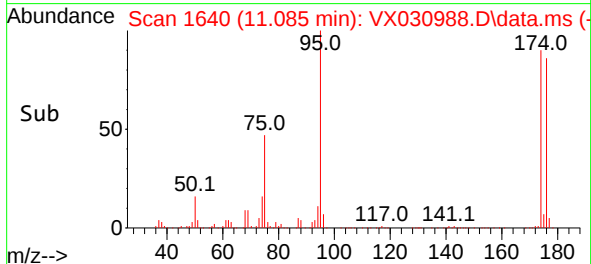
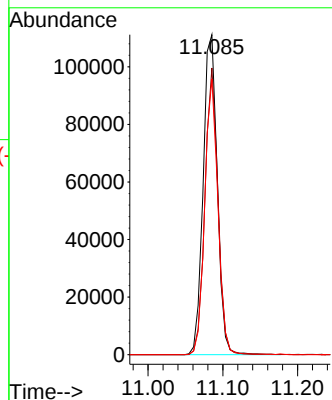
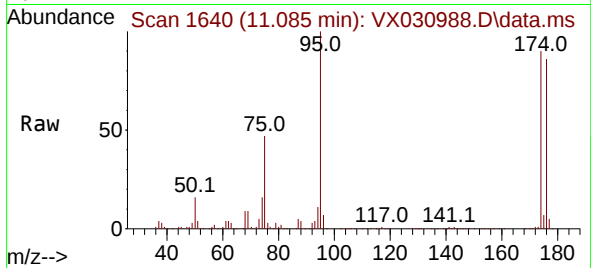




#62
4-Bromofluorobenzene
Concen: 43.155 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

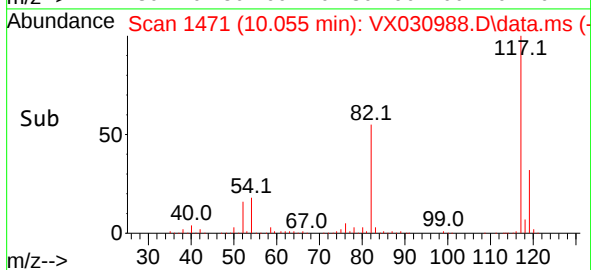
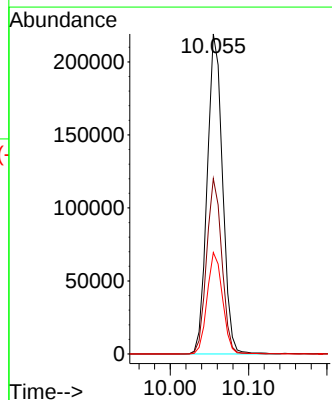
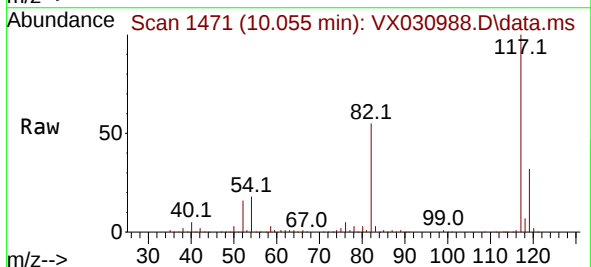
Instrument :
MSVOA_X
ClientSampleId :
MW-24DL

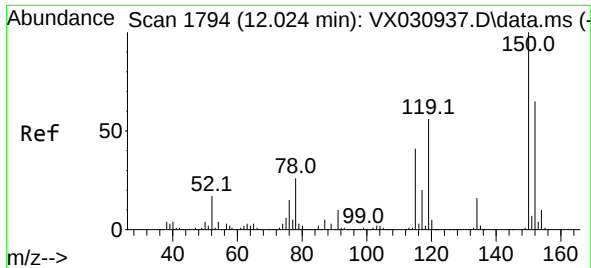
Tgt Ion: 95 Resp: 145859
Ion Ratio Lower Upper
95 100
174 82.8 0.0 149.0
176 80.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030988.D
Acq: 31 Aug 2022 19:05

Tgt Ion: 117 Resp: 297764
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 31.7 25.4 38.2

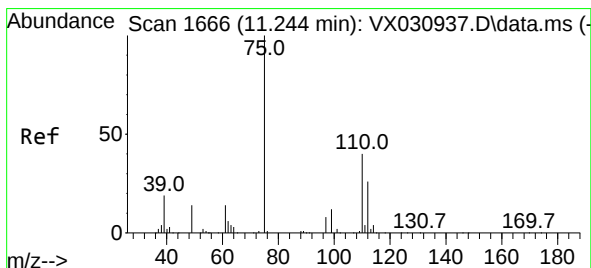
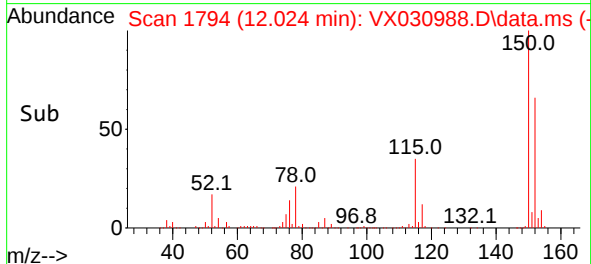
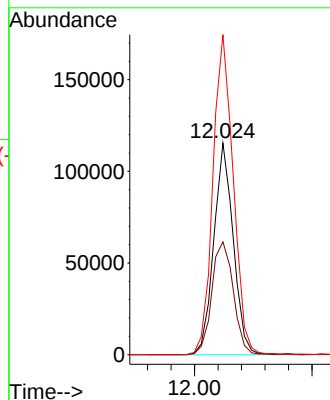
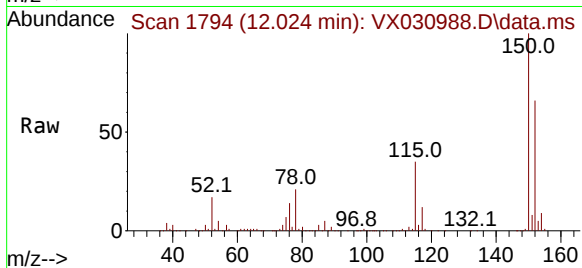




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030988.D
 Acq: 31 Aug 2022 19:05

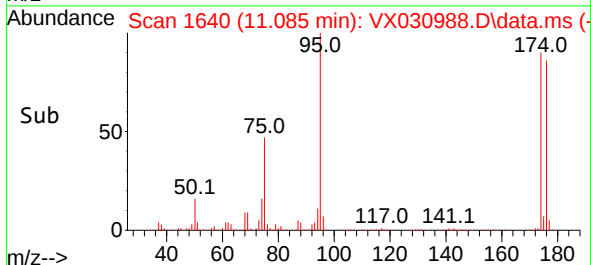
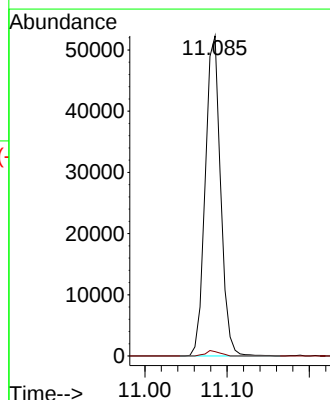
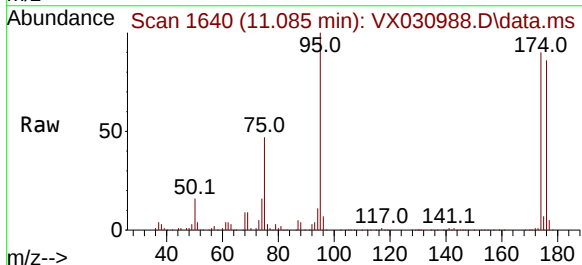
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

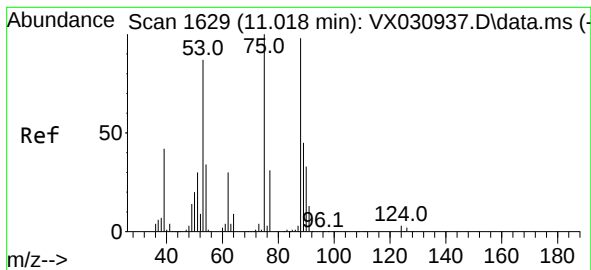
Tgt Ion:152 Resp: 132930
 Ion Ratio Lower Upper
 152 100
 115 59.0 40.5 121.5
 150 157.8 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.643 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030988.D
 Acq: 31 Aug 2022 19:05

Tgt Ion: 75 Resp: 67556
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.375 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030988.D
 Acq: 31 Aug 2022 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24DL

Tgt Ion: 75 Resp: 67556
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.2 34.8 52.2#

