

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043259.D
 Acq On : 03 Oct 2024 14:02
 Operator : JC/MD
 Sample : P4254-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-147

Quant Time: Oct 04 01:31:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

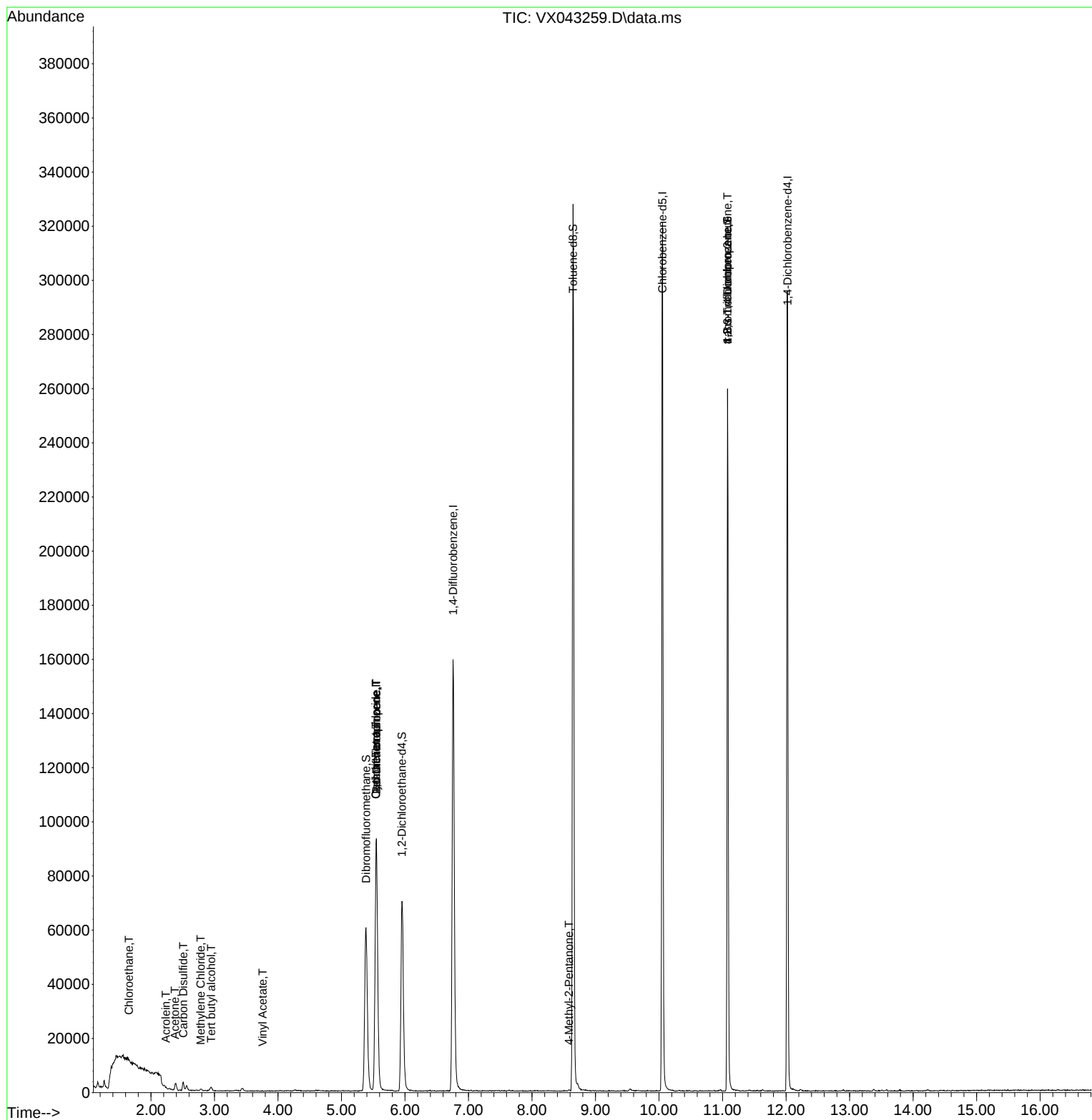
Internal Standards						
1) Pentafluorobenzene	5.550	168	83772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72414	52.929	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.860%	
35) Dibromofluoromethane	5.385	113	53679	48.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.960%	
50) Toluene-d8	8.647	98	192590	50.195	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	11.079	95	69686	49.994	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.980%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	3731	9.967	ug/l #	47
11) Tert butyl alcohol	2.947	59	721	2.769	ug/l #	71
13) Acrolein	2.233	56	98	0.399	ug/l #	1
16) Acetone	2.380	43	3076	5.384	ug/l	97
17) Carbon Disulfide	2.508	76	4195	1.853	ug/l #	86
20) Methylene Chloride	2.782	84	361	0.343	ug/l #	62
23) Vinyl Acetate	3.757	43	39	6.350	ug/l #	71
31) Cyclohexane	5.544	56	2139	1.449	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	7448	5.325	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9187	5.548	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	487	0.289	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	38101	28.750	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38101	74.510	ug/l #	8

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

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MSVOA_X
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Quant Time: Oct 04 01:31:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

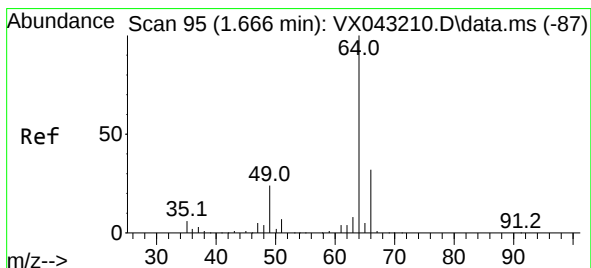
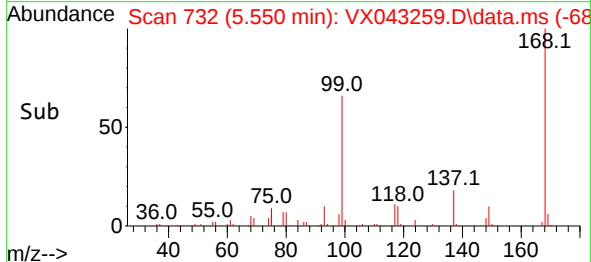
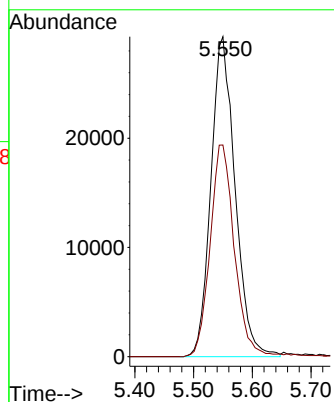
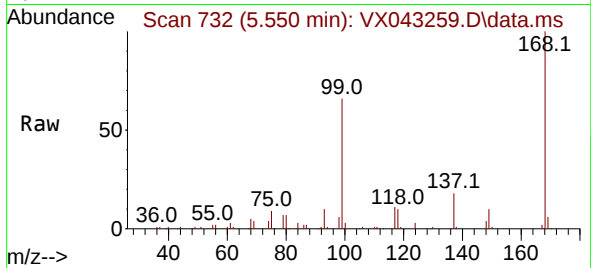




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

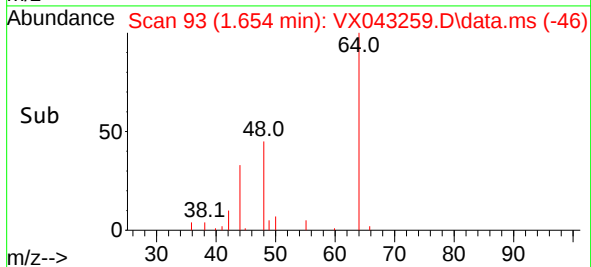
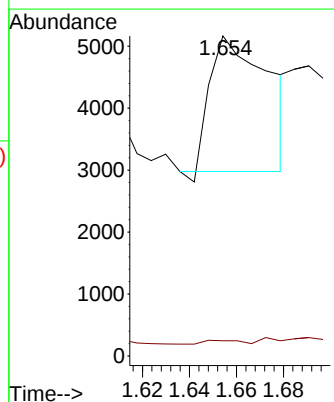
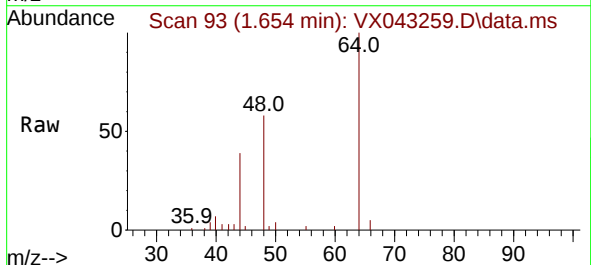
Instrument :
MSVOA_X
ClientSampleId :
MH-147

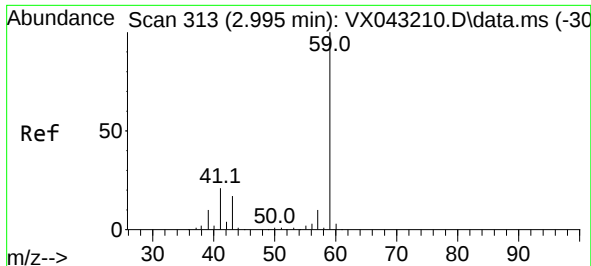
Tgt Ion:168 Resp: 83772
Ion Ratio Lower Upper
168 100
99 66.2 49.7 74.5



#6
Chloroethane
Concen: 9.967 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Tgt Ion: 64 Resp: 3731
Ion Ratio Lower Upper
64 100
66 2.4 25.8 38.8#





#11

Tert butyl alcohol

Concen: 2.769 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX043259.D

Acq: 03 Oct 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

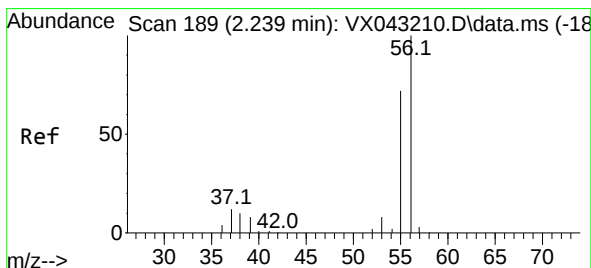
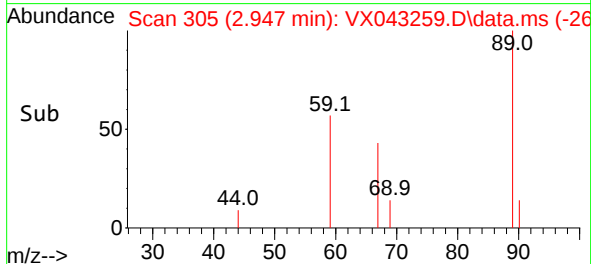
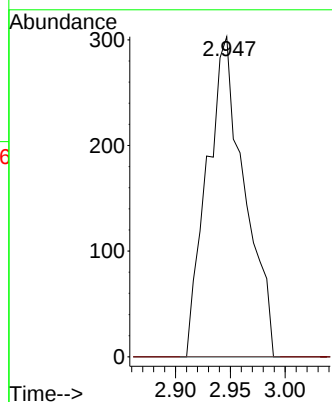
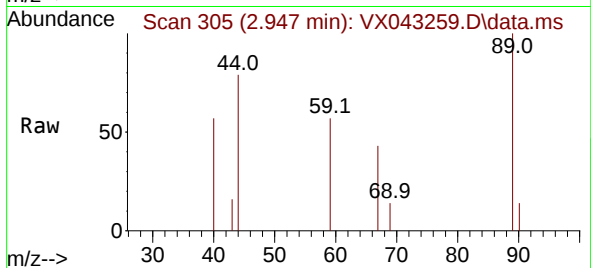
MH-147

Tgt Ion: 59 Resp: 721

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 0.399 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX043259.D

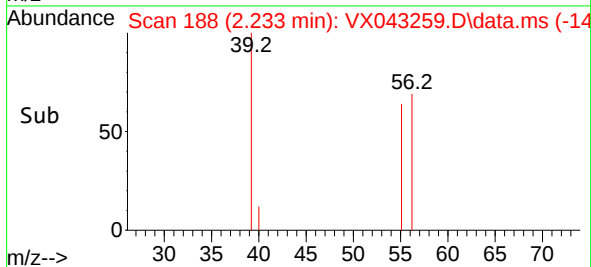
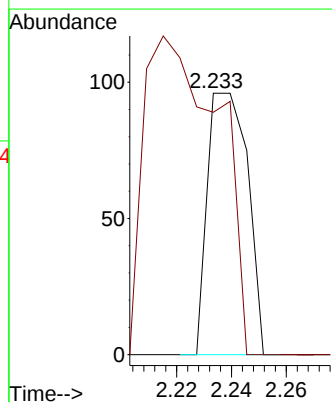
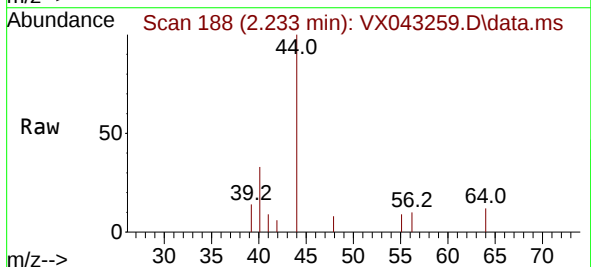
Acq: 03 Oct 2024 14:02

Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 225.5 57.4 86.0#

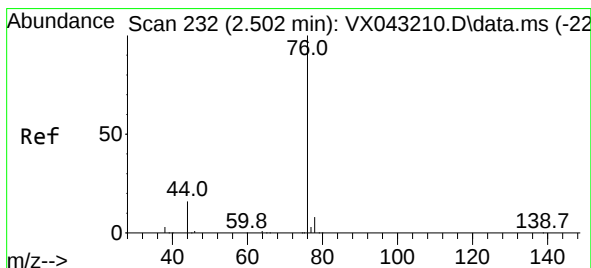
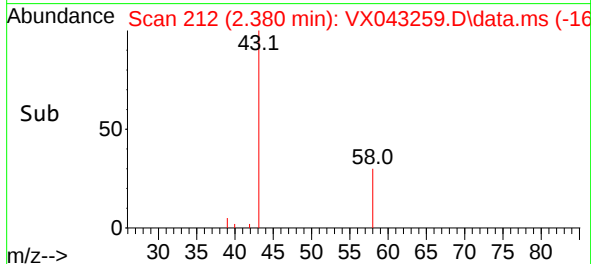
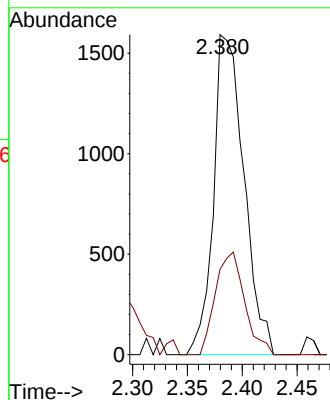
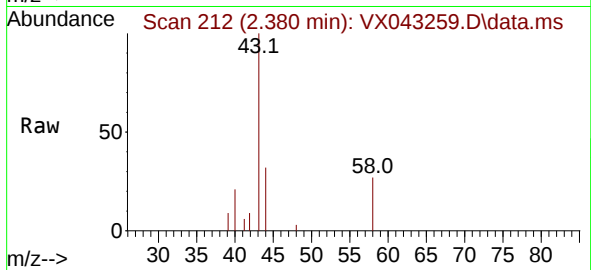




#16
Acetone
Concen: 5.384 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

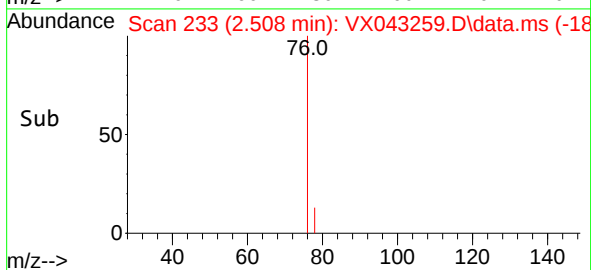
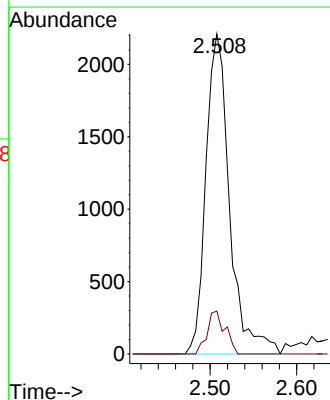
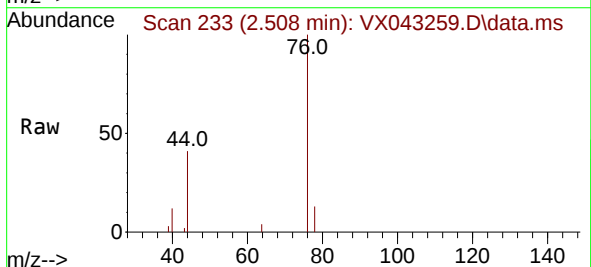
Instrument :
MSVOA_X
ClientSampleId :
MH-147

Tgt Ion: 43 Resp: 3076
Ion Ratio Lower Upper
43 100
58 26.7 22.6 33.8



#17
Carbon Disulfide
Concen: 1.853 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Tgt Ion: 76 Resp: 4195
Ion Ratio Lower Upper
76 100
78 13.4 6.7 10.1#

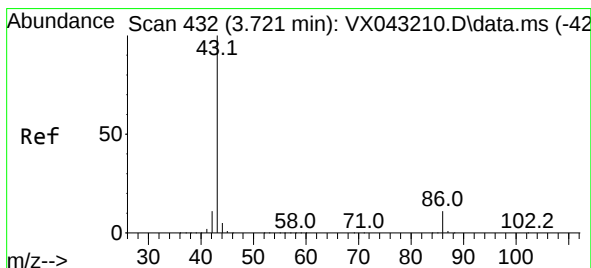
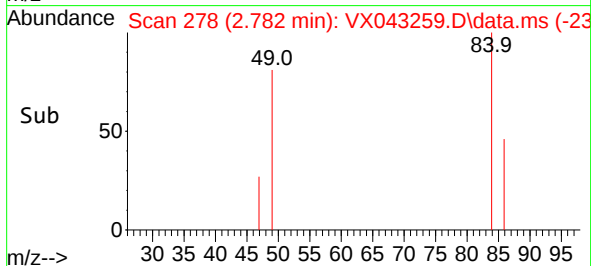
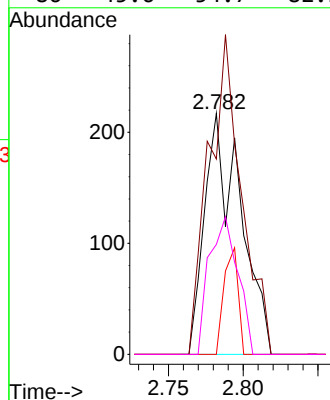
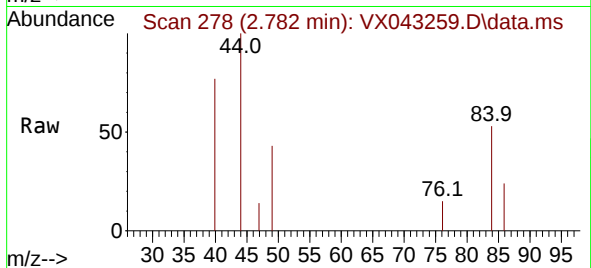




#20
Methylene Chloride
Concen: 0.343 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

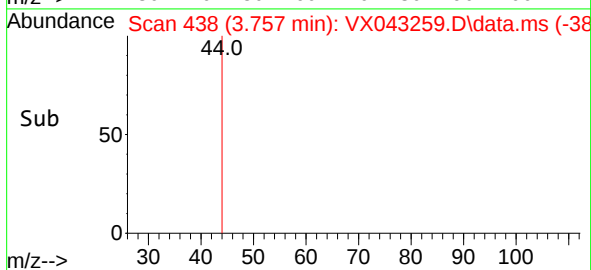
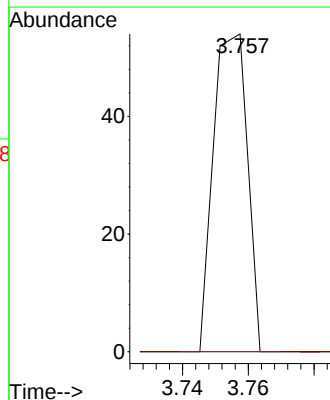
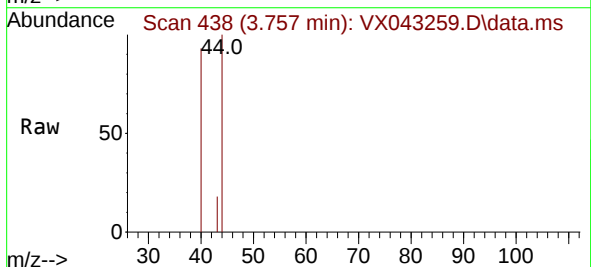
Instrument :
MSVOA_X
ClientSampleId :
MH-147

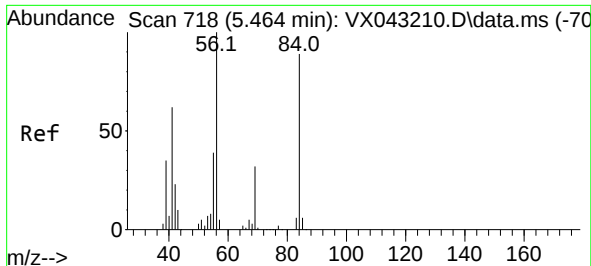
Tgt Ion:	84	Resp:	361
Ion	Ratio	Lower	Upper
84	100		
49	81.1	96.7	145.1#
51	0.0	30.4	45.6#
86	45.6	54.7	82.1#



#23
Vinyl Acetate
Concen: 6.350 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.036 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Tgt Ion:	43	Resp:	39
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

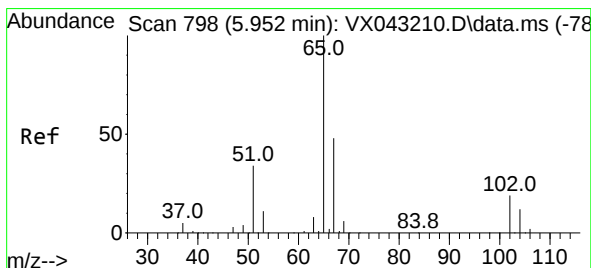
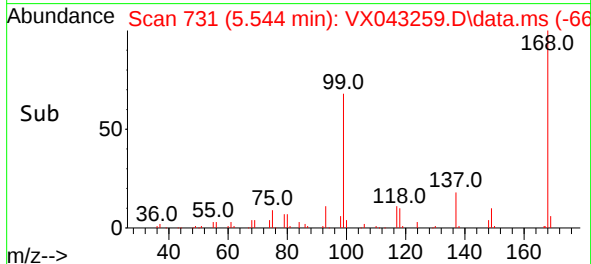
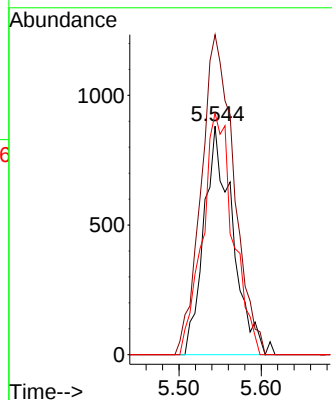
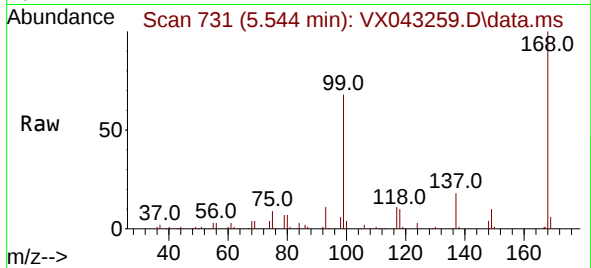




#31
Cyclohexane
Concen: 1.449 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

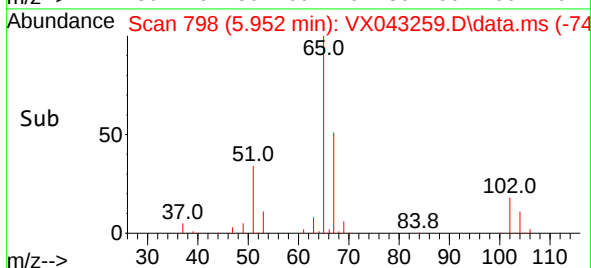
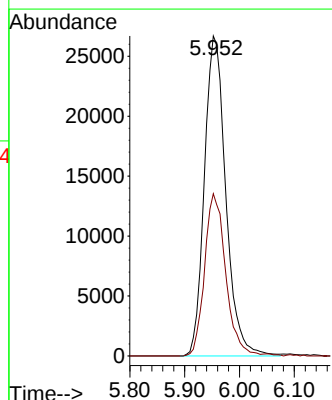
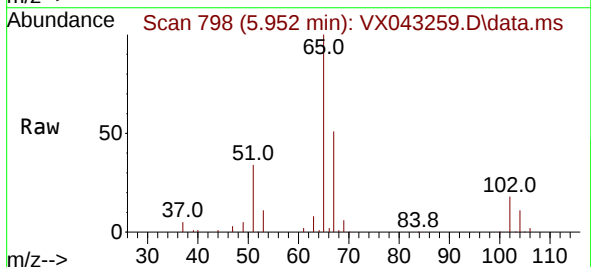
Instrument :
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ClientSampleId :
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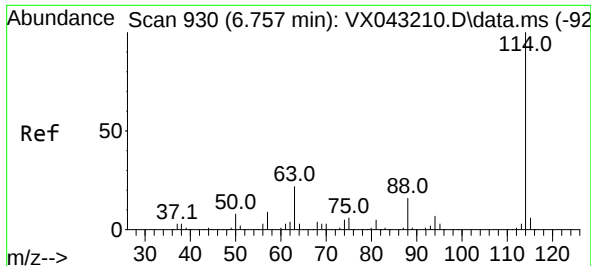
Tgt Ion: 56 Resp: 2139
Ion Ratio Lower Upper
56 100
69 140.1 25.8 38.6#
84 105.7 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 52.929 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Tgt Ion: 65 Resp: 72414
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

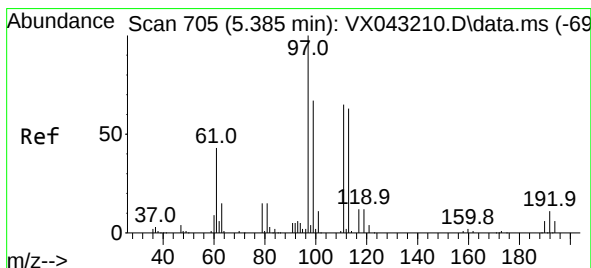
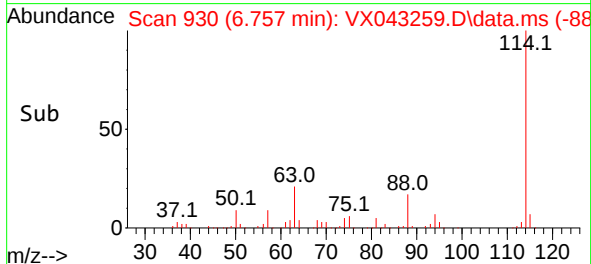
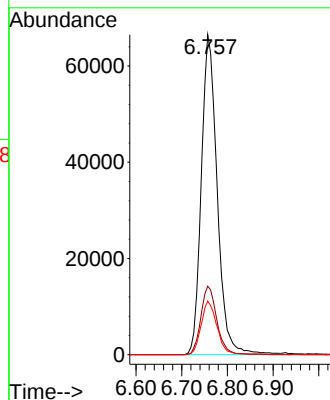
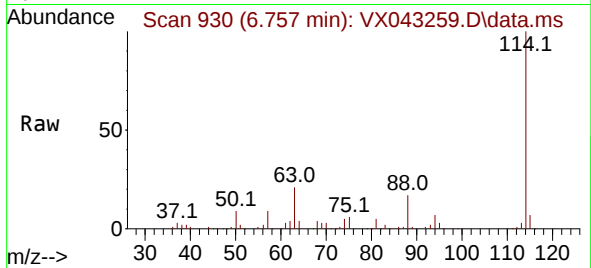




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

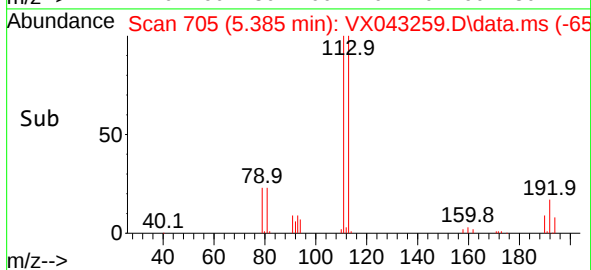
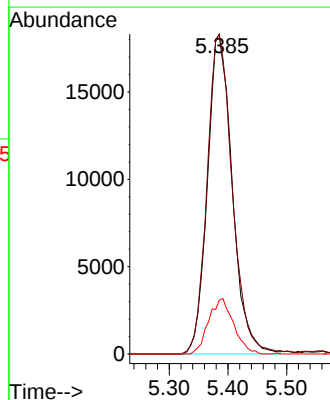
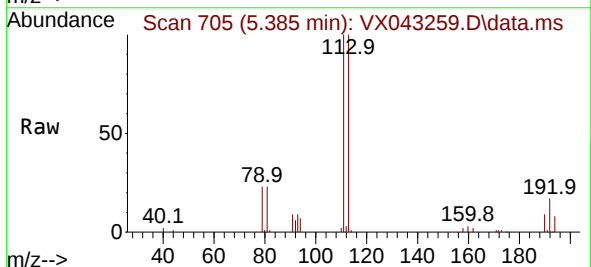
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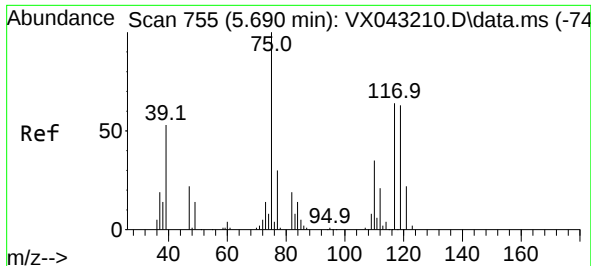
Tgt Ion:114 Resp: 160541
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.0
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.484 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Tgt Ion:113 Resp: 53679
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.0
192 17.5 14.1 21.1

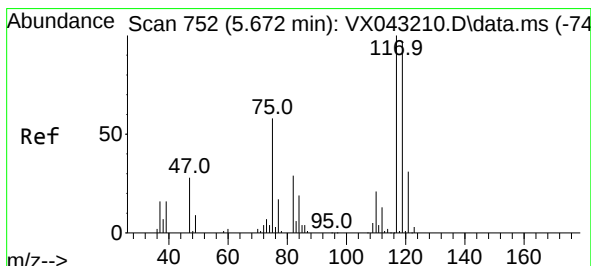
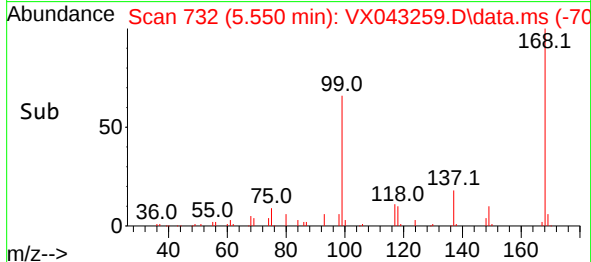
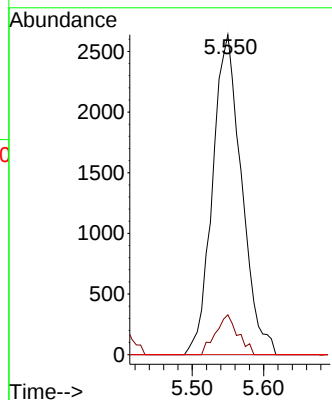
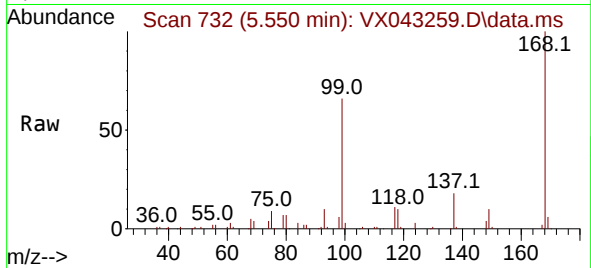




#36
1,1-Dichloropropene
Concen: 5.325 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

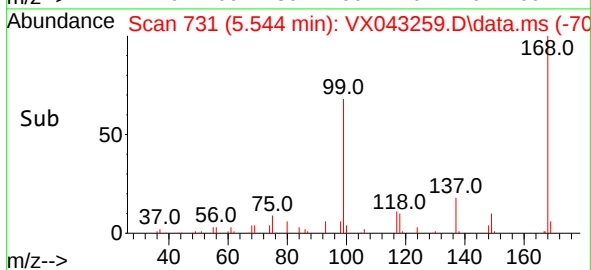
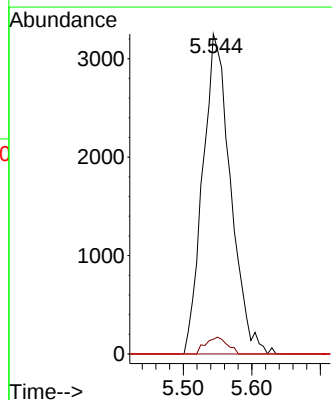
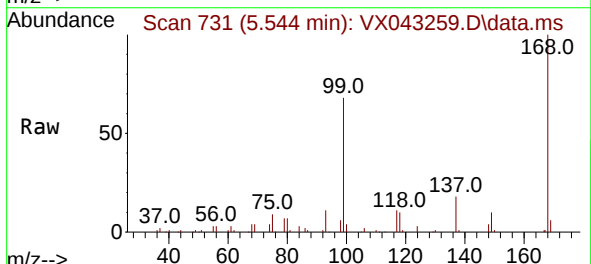
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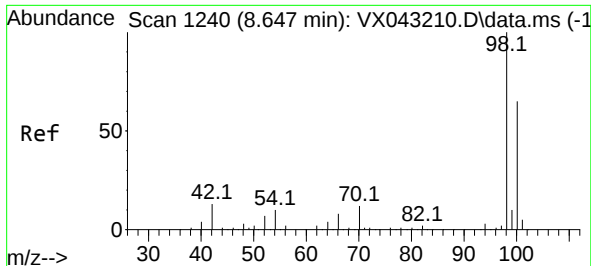
Tgt Ion: 75 Resp: 7448
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Tgt Ion: 117 Resp: 9187
Ion Ratio Lower Upper
117 100
119 4.6 77.7 116.5#
121 0.0 24.3 36.5#

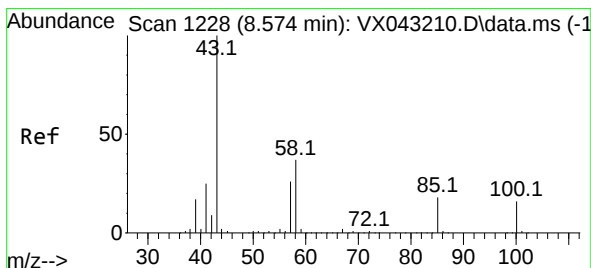
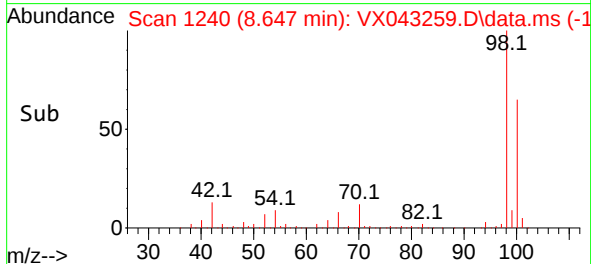
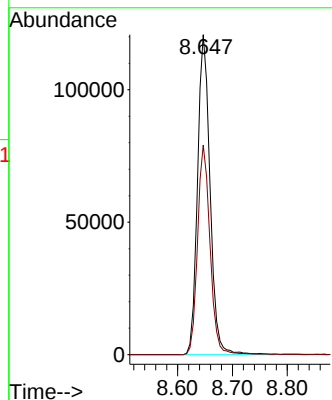
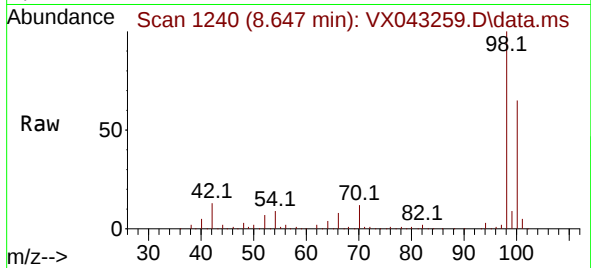




#50
Toluene-d8
Concen: 50.195 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

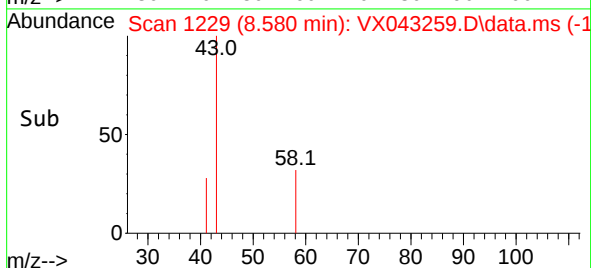
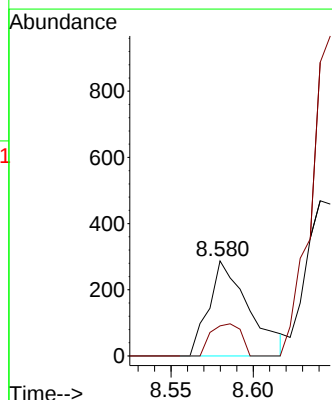
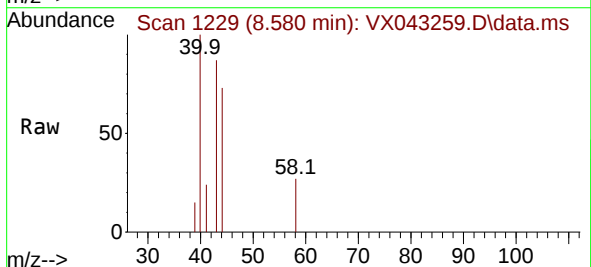
Instrument :
MSVOA_X
ClientSampleId :
MH-147

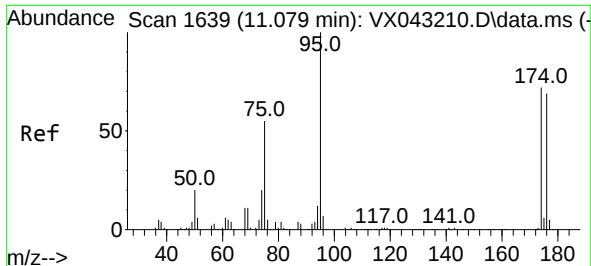
Tgt Ion: 98 Resp: 192590
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 0.289 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 25.5 30.0 45.0#

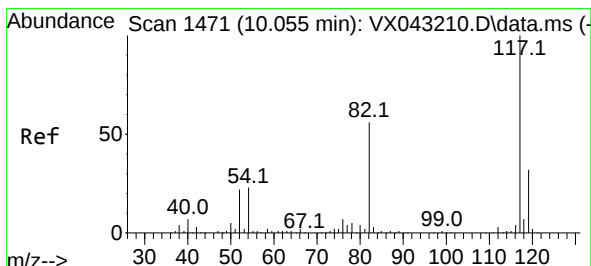
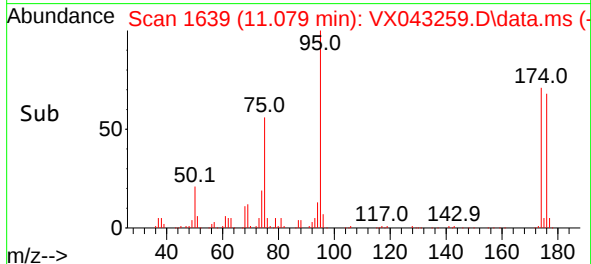
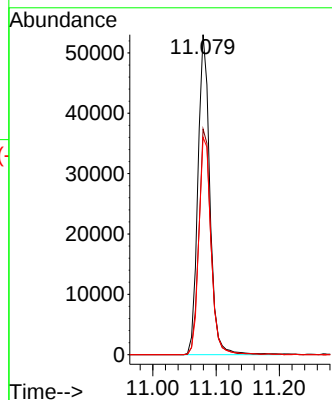
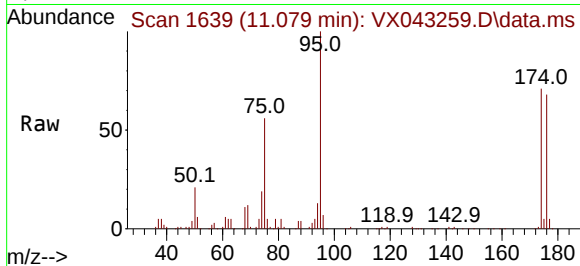




#62
4-Bromofluorobenzene
Concen: 49.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

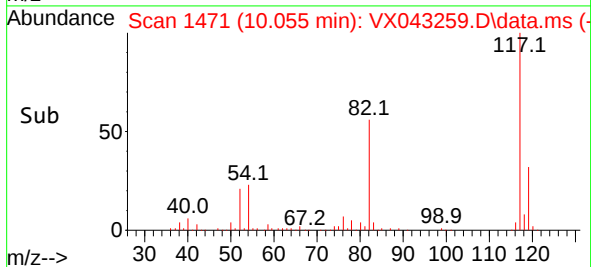
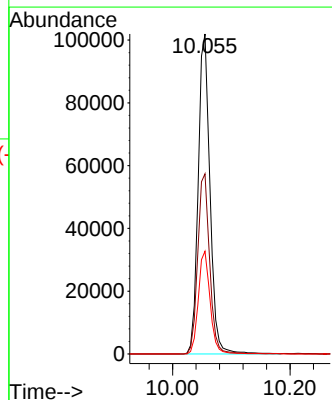
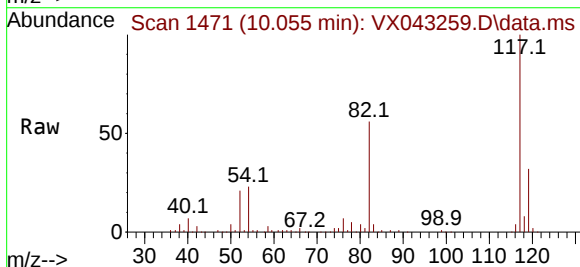
Instrument :
MSVOA_X
ClientSampleId :
MH-147

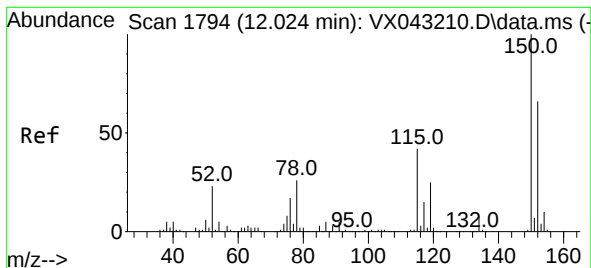
Tgt Ion: 95 Resp: 69686
Ion Ratio Lower Upper
95 100
174 71.1 0.0 145.0
176 69.6 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Tgt Ion: 117 Resp: 141924
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.6
119 32.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043259.D

Acq: 03 Oct 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

MH-147

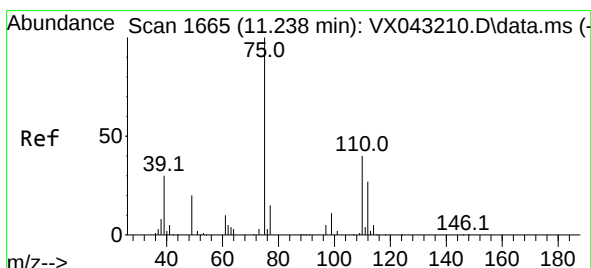
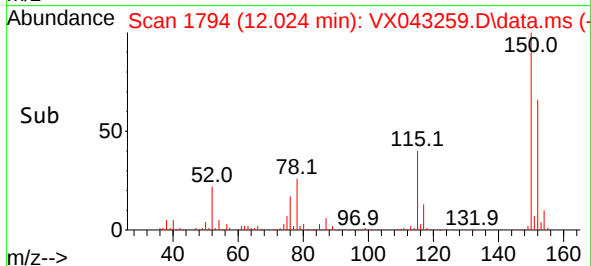
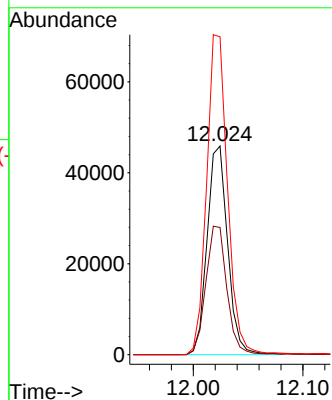
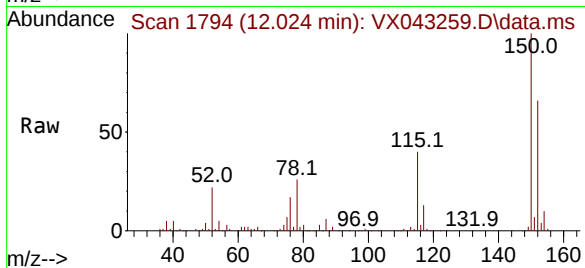
Tgt Ion:152 Resp: 59747

Ion Ratio Lower Upper

152 100

115 63.4 44.1 132.3

150 156.0 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 28.750 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043259.D

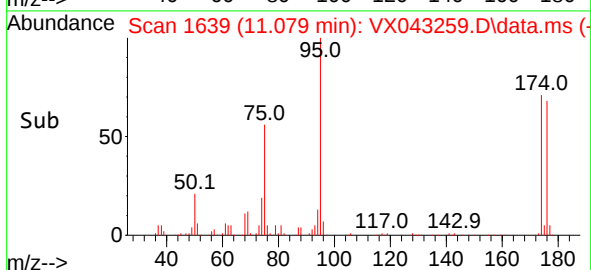
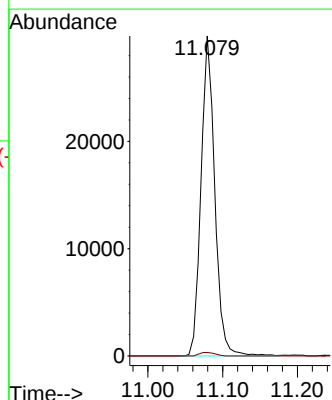
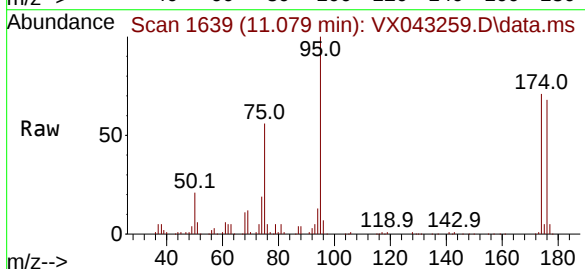
Acq: 03 Oct 2024 14:02

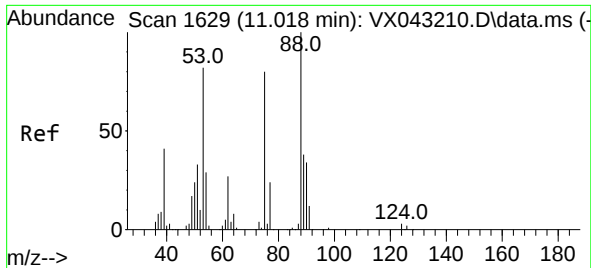
Tgt Ion: 75 Resp: 38101

Ion Ratio Lower Upper

75 100

77 1.2 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.510 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043259.D
Acq: 03 Oct 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :
MH-147

Tgt Ion: 75 Resp: 38101
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

