

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043149.D
 Acq On : 25 Sep 2024 13:39
 Operator : JC/MD
 Sample : P4164-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20240920

Quant Time: Sep 26 01:34:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

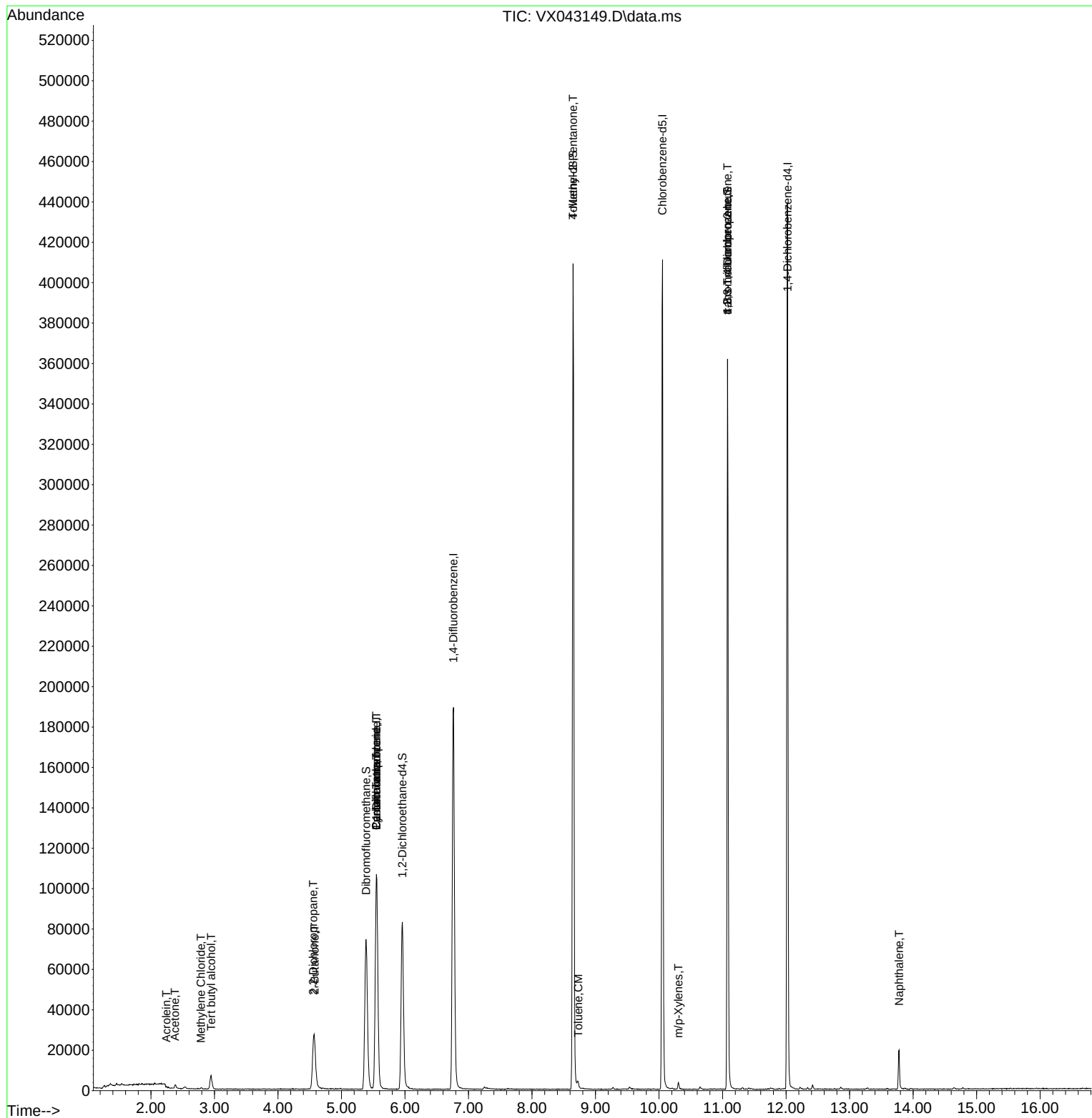
Internal Standards						
1) Pentafluorobenzene	5.550	168	95274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84997	53.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.420%	
35) Dibromofluoromethane	5.385	113	65220	47.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.780%	
50) Toluene-d8	8.647	98	236377	50.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	94391	50.339	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	3645	10.316	ug/l #	71
13) Acrolein	2.239	56	42	0.902	ug/l #	1
16) Acetone	2.380	43	2231	3.014	ug/l	99
20) Methylene Chloride	2.788	84	305	0.259	ug/l #	82
25) 2-Butanone	4.574	43	2261	2.370	ug/l #	85
26) 2,2-Dichloropropane	4.556	77	2114	1.029	ug/l #	54
31) Cyclohexane	5.550	56	2384	1.532	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8394	4.964	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10489	4.815	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1223	0.561	ug/l #	1
52) Toluene	8.726	92	1356	0.422	ug/l	88
68) m/p-Xylenes	10.305	106	917	0.366	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	52034	27.596	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	52034	65.750	ug/l #	7
95) Naphthalene	13.780	128	13464	2.179	ug/l	99

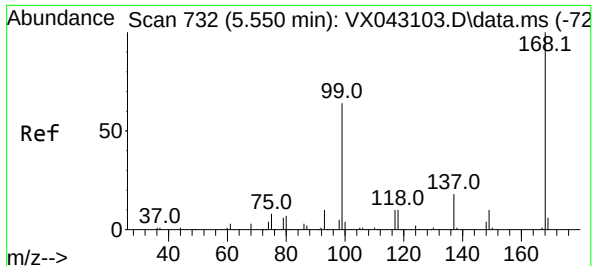
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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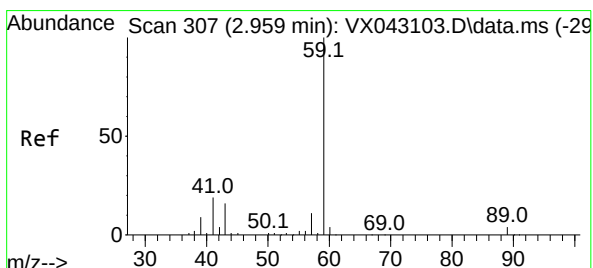
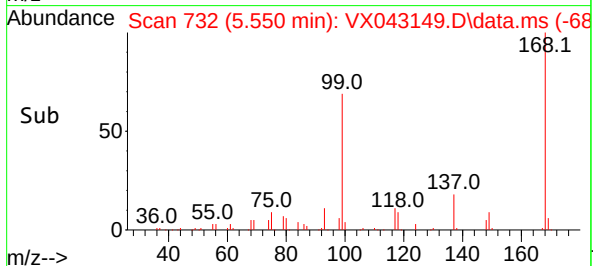
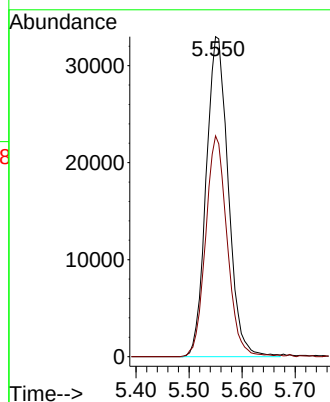
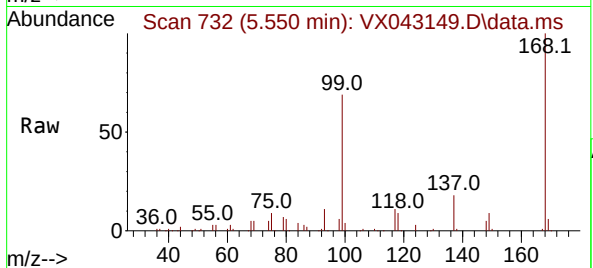




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

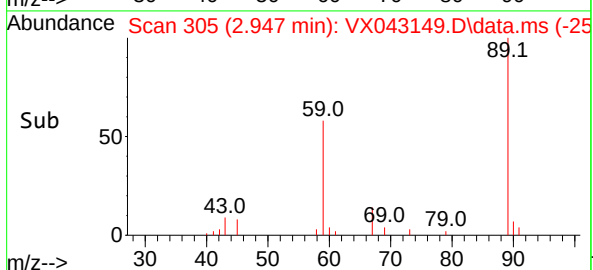
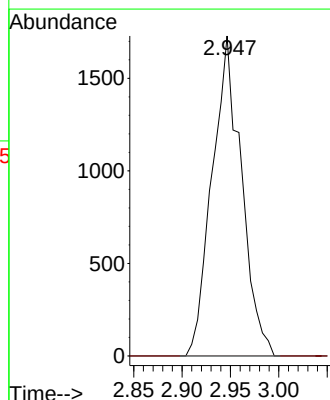
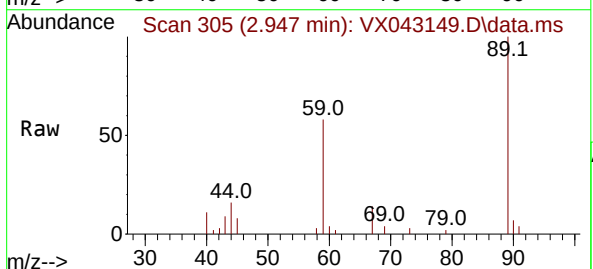
Instrument :
MSVOA_X
ClientSampleId :
EB02-20240920

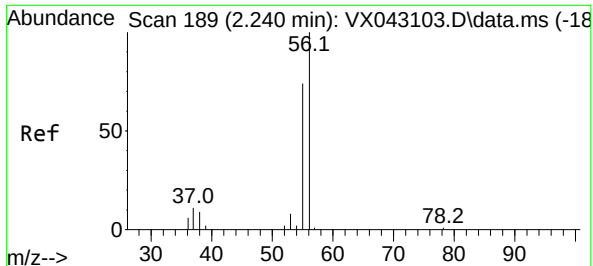
Tgt Ion:168 Resp: 95274
Ion Ratio Lower Upper
168 100
99 69.0 50.8 76.2



#11
Tert butyl alcohol
Concen: 10.316 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Tgt Ion: 59 Resp: 3645
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

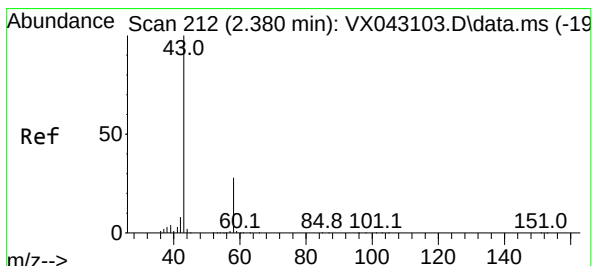
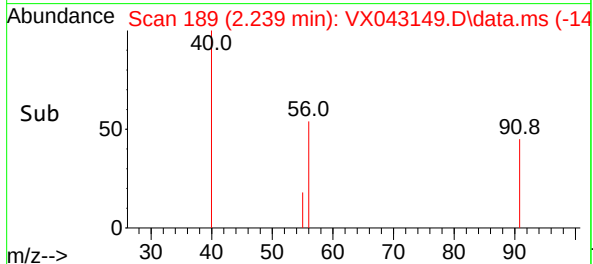
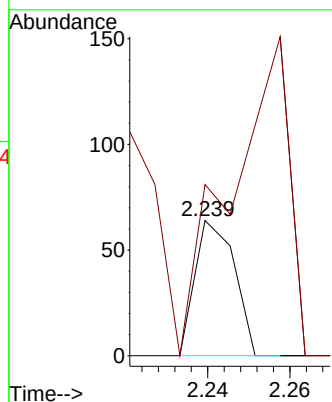
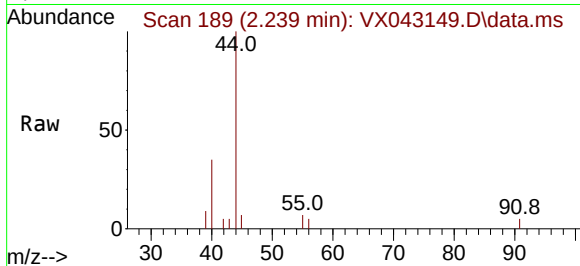




#13
Acrolein
Concen: 0.902 ug/l
RT: 2.239 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

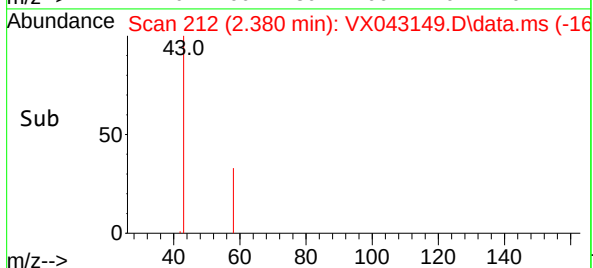
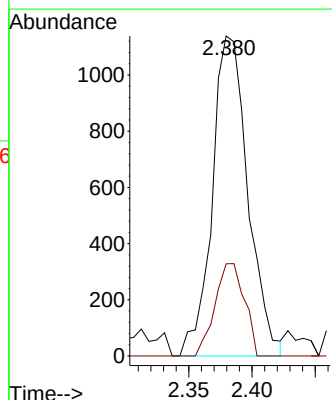
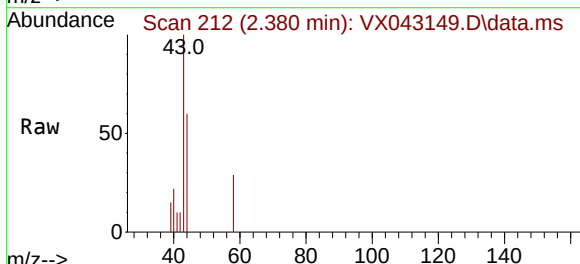
Instrument :
MSVOA_X
ClientSampleId :
EB02-20240920

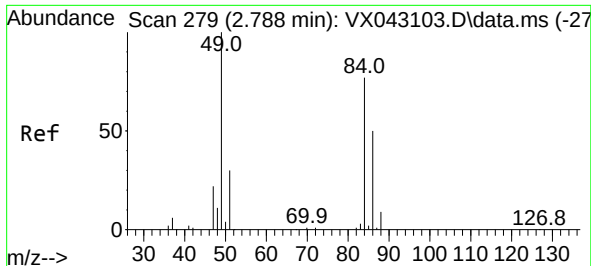
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 354.8 55.8 83.6#



#16
Acetone
Concen: 3.014 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Tgt Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
58 28.8 22.6 34.0

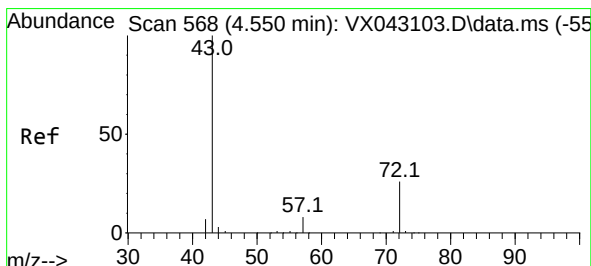
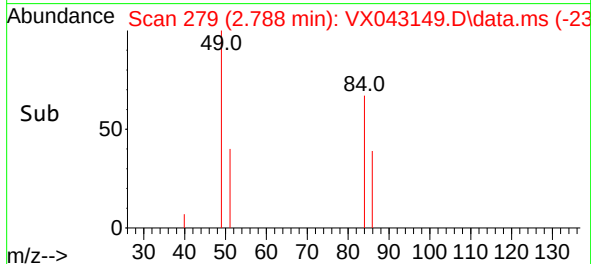
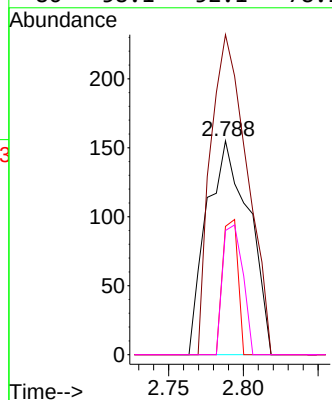
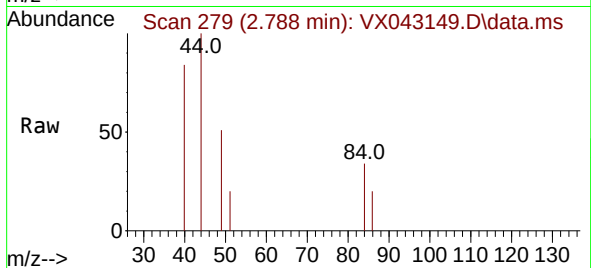




#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

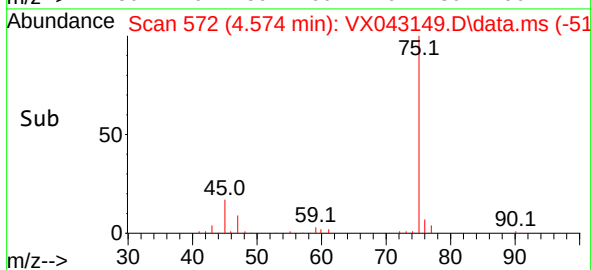
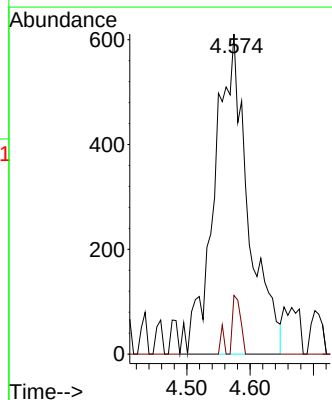
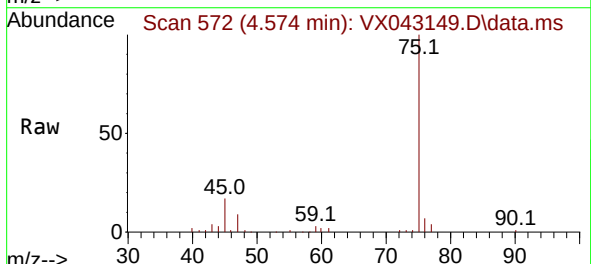
Instrument :
MSVOA_X
ClientSampleId :
EB02-20240920

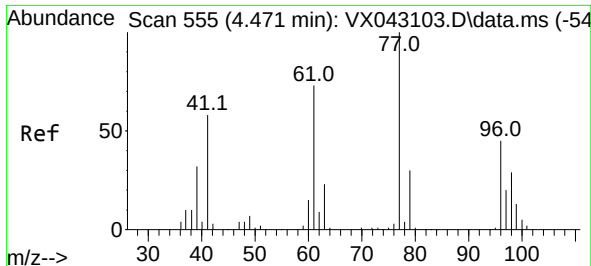
Tgt Ion:	84	Resp:	305
Ion	Ratio	Lower	Upper
84	100		
49	149.7	104.1	156.1
51	60.0	31.1	46.7#
86	58.1	52.1	78.1



#25
2-Butanone
Concen: 2.370 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Tgt Ion:	43	Resp:	2261
Ion	Ratio	Lower	Upper
43	100		
72	18.3	20.7	31.1#

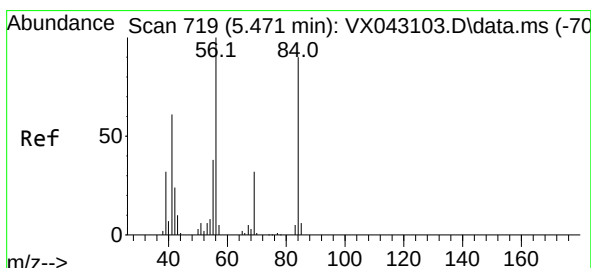
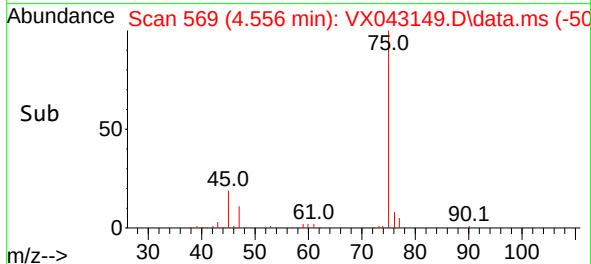
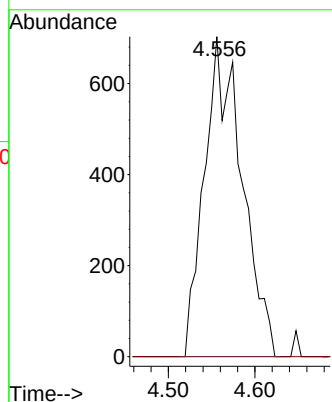
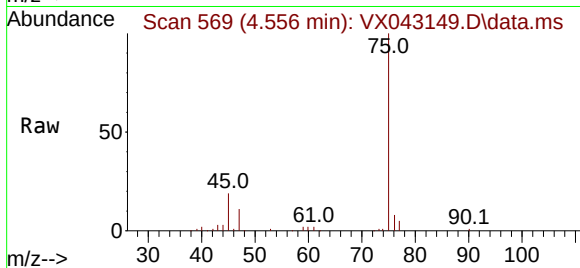




#26
2,2-Dichloropropane
Concen: 1.029 ug/l
RT: 4.556 min Scan# 501
Delta R.T. 0.085 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

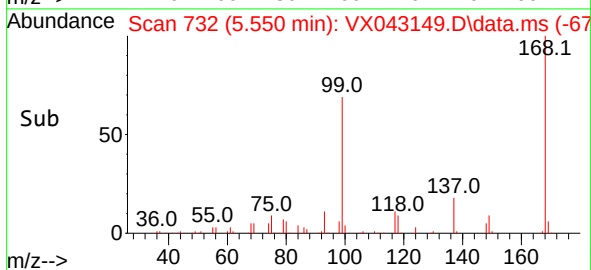
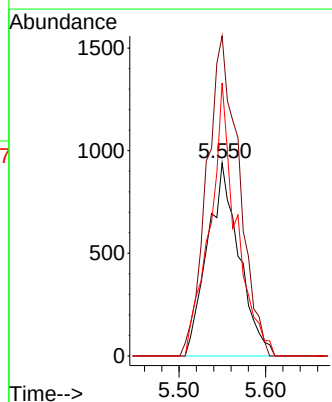
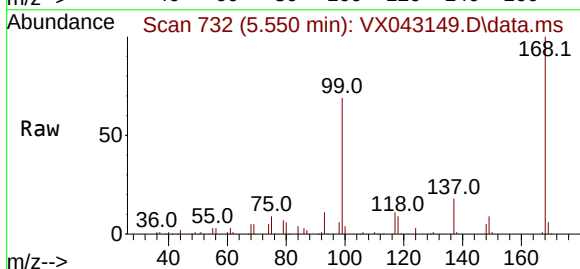
Instrument :
MSVOA_X
ClientSampleId :
EB02-20240920

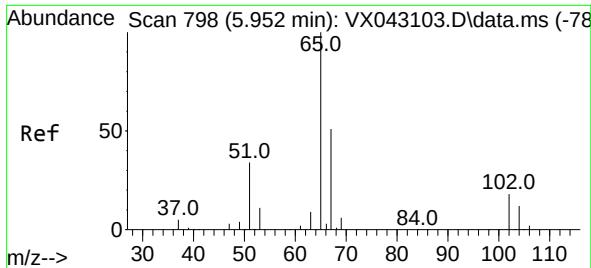
Tgt Ion: 77 Resp: 2114
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.532 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Tgt Ion: 56 Resp: 2384
Ion Ratio Lower Upper
56 100
69 165.9 25.8 38.6#
84 141.5 72.4 108.6#

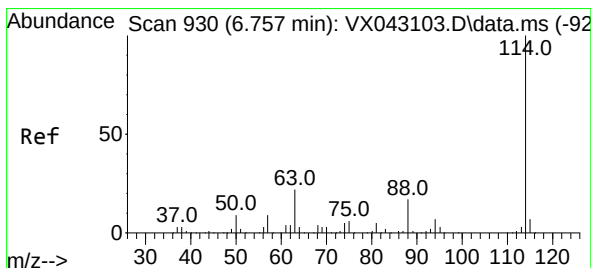
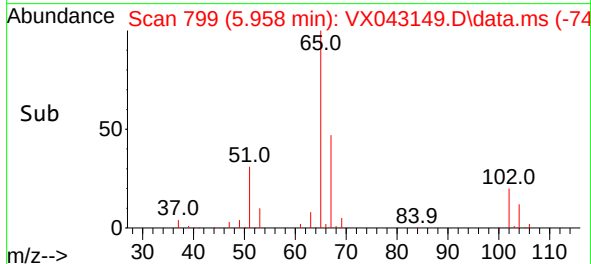
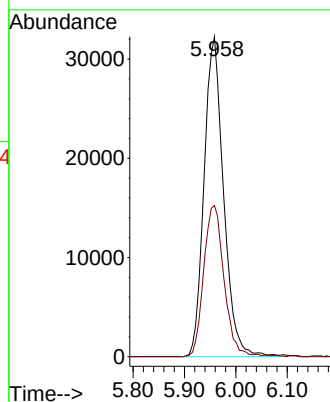
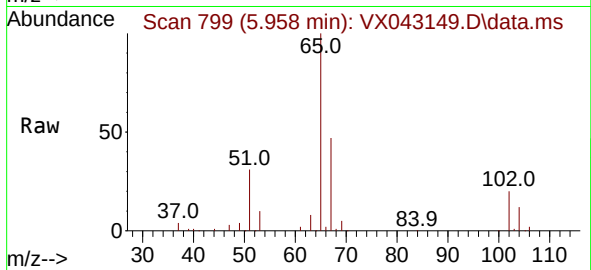




#33
1,2-Dichloroethane-d4
Concen: 53.709 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

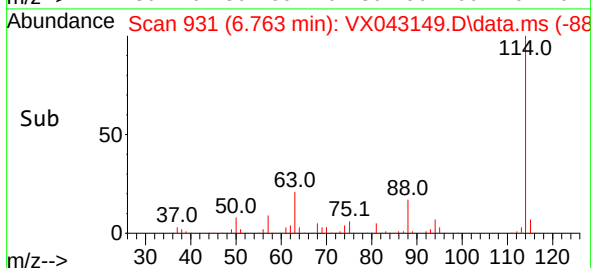
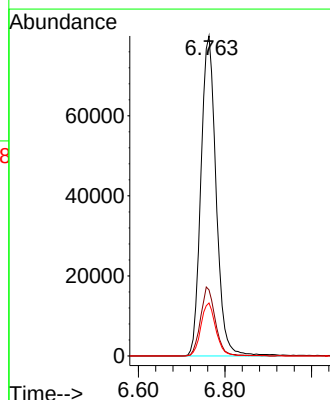
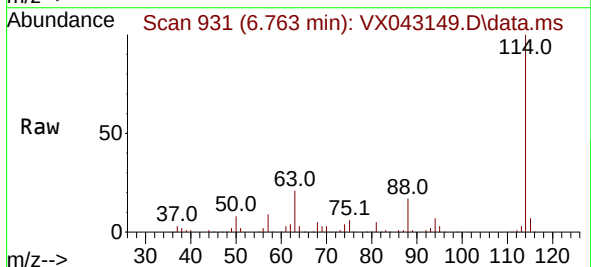
Instrument :
MSVOA_X
ClientSampleId :
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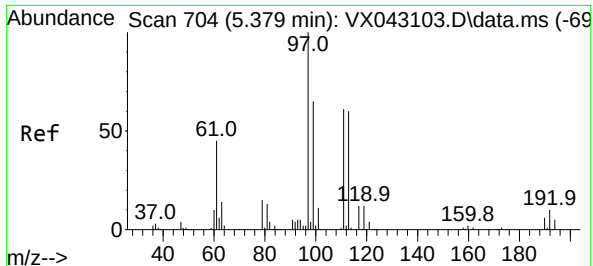
Tgt Ion: 65 Resp: 84997
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Tgt Ion: 114 Resp: 195092
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 16.5 0.0 33.4

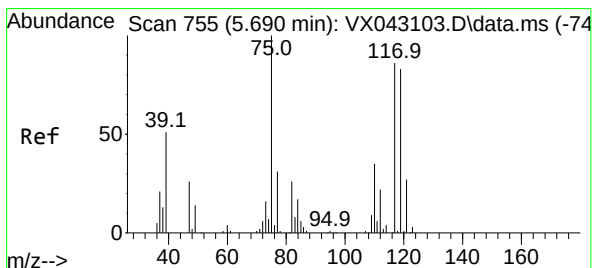
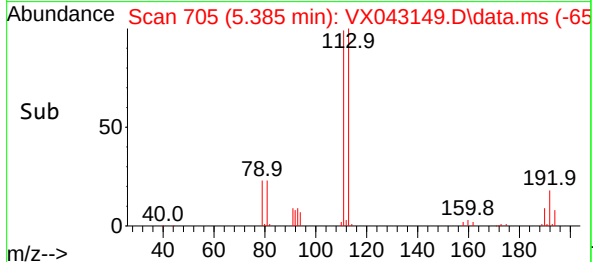
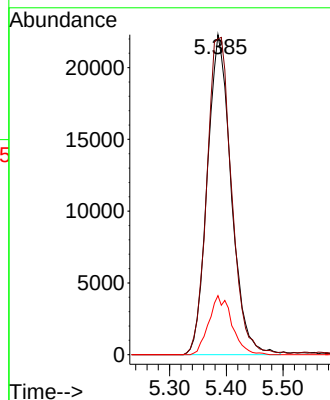
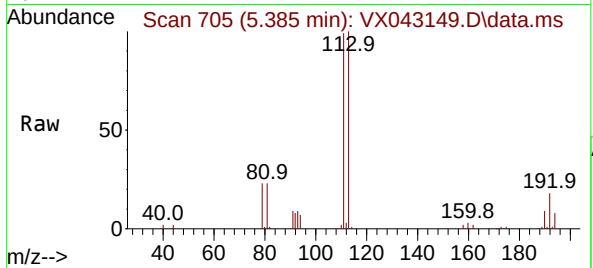




#35
Dibromofluoromethane
Concen: 47.390 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

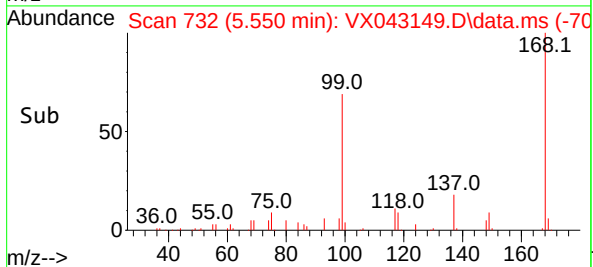
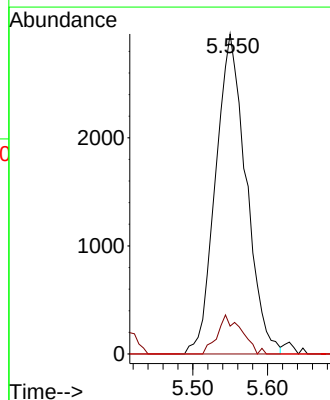
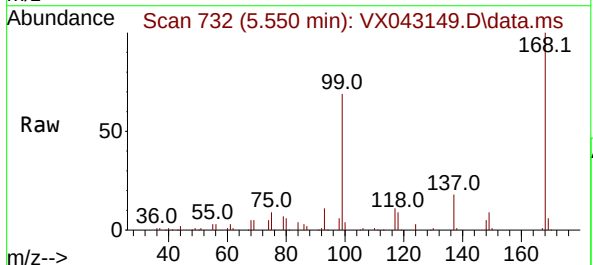
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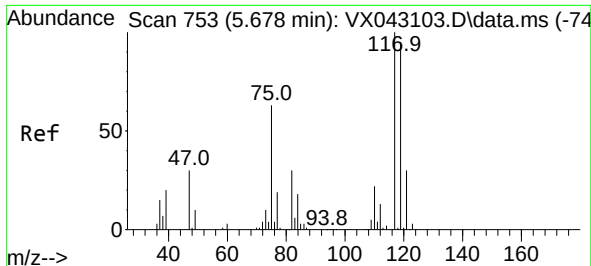
Tgt Ion:113 Resp: 65220
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 17.9 14.6 22.0



#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

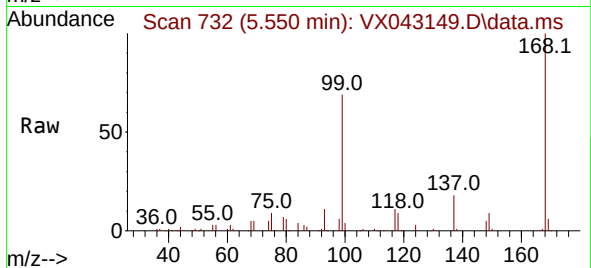
Tgt Ion: 75 Resp: 8394
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.4#
77 0.0 25.2 37.8#



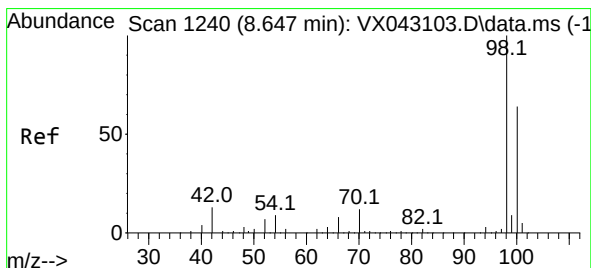
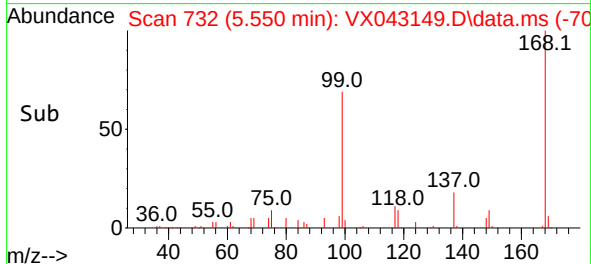
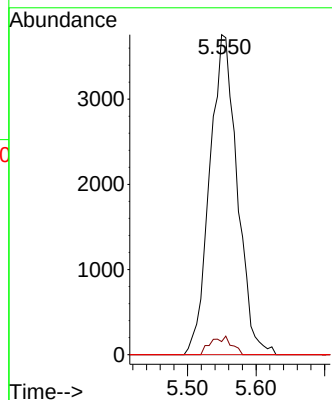


#38
Carbon Tetrachloride
Concen: 4.815 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
EB02-20240920

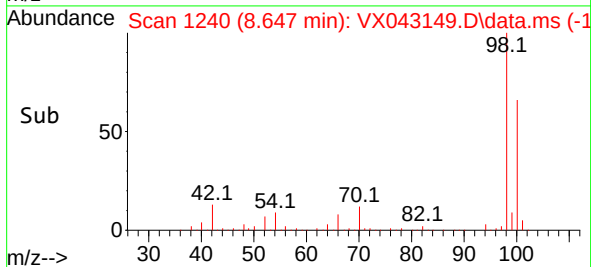
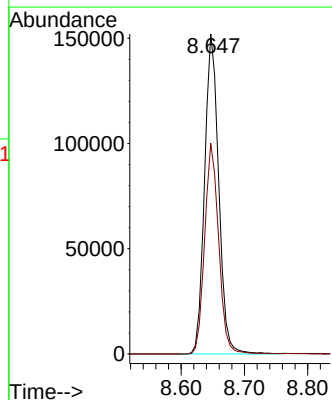
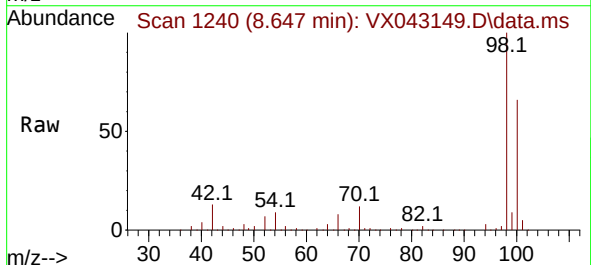


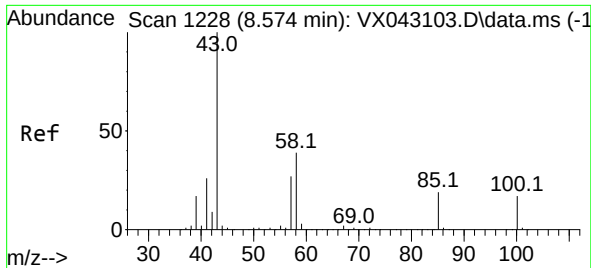
Tgt Ion:117 Resp: 10489
Ion Ratio Lower Upper
117 100
119 4.1 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.767 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Tgt Ion: 98 Resp: 236377
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.561 ug/l

RT: 8.647 min Scan# 1223

Delta R.T. 0.073 min

Lab File: VX043149.D

Acq: 25 Sep 2024 13:39

Instrument :

MSVOA_X

ClientSampleId :

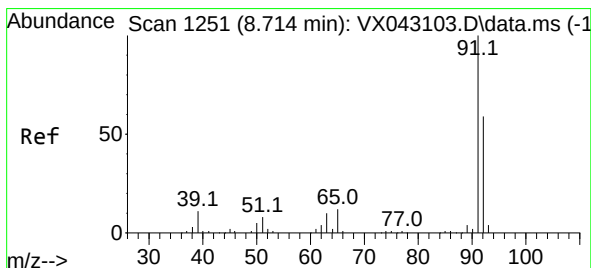
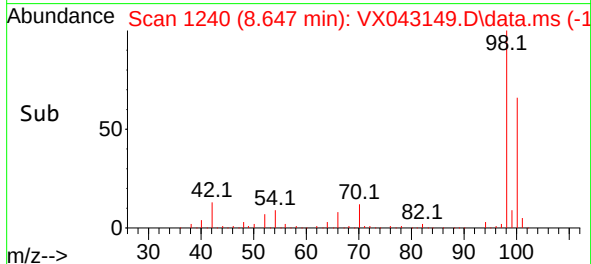
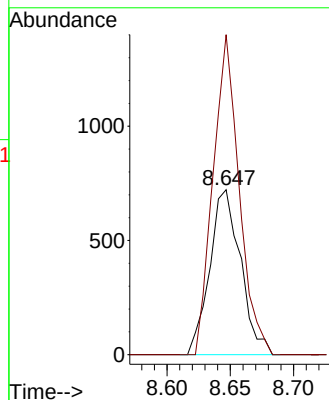
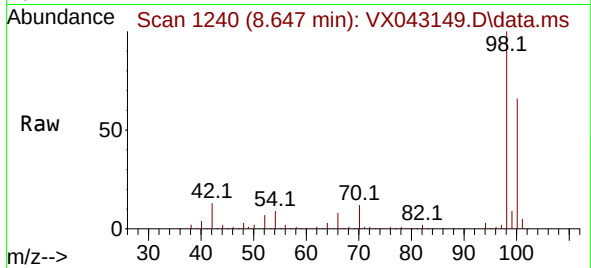
EB02-20240920

Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

58 164.3 30.3 45.5#



#52

Toluene

Concen: 0.422 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.012 min

Lab File: VX043149.D

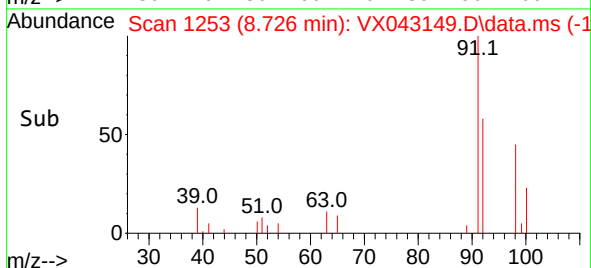
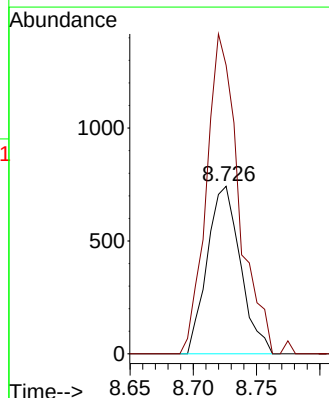
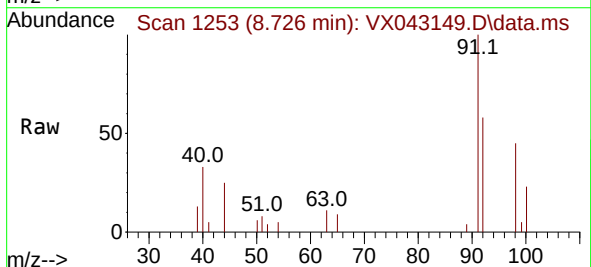
Acq: 25 Sep 2024 13:39

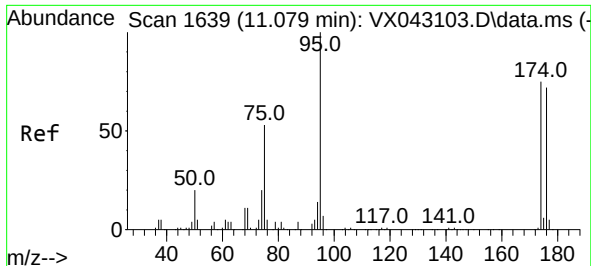
Tgt Ion: 92 Resp: 1356

Ion Ratio Lower Upper

92 100

91 186.2 135.9 203.9

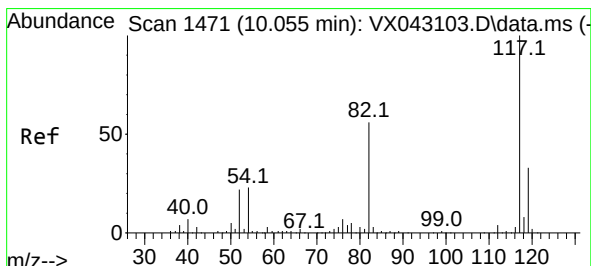
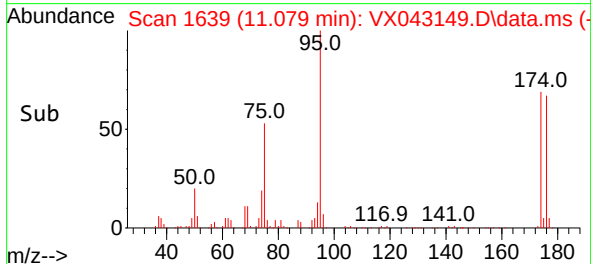
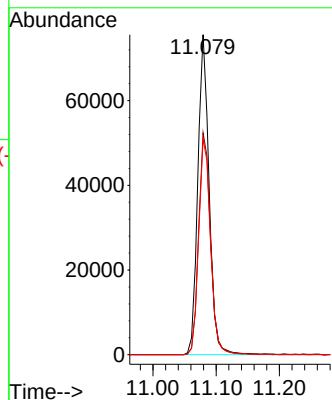
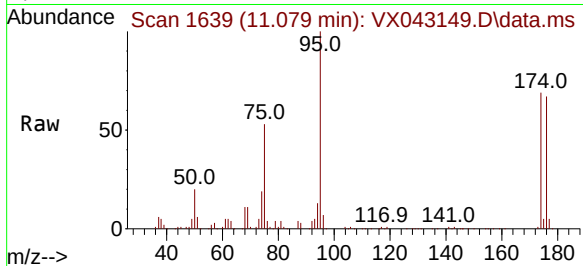




#62
4-Bromofluorobenzene
Concen: 50.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

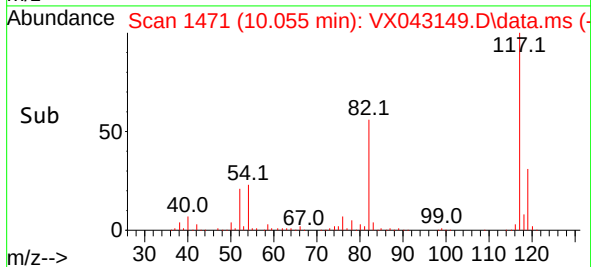
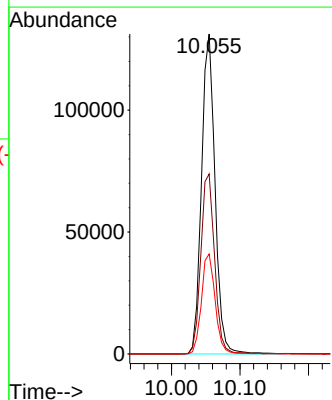
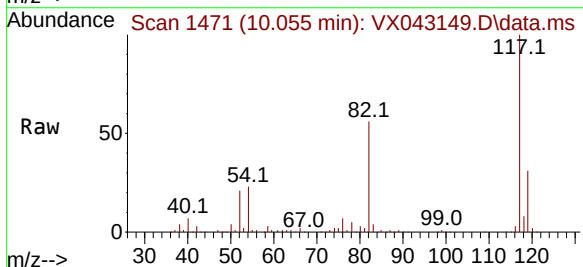
Instrument :
MSVOA_X
ClientSampleId :
EB02-20240920

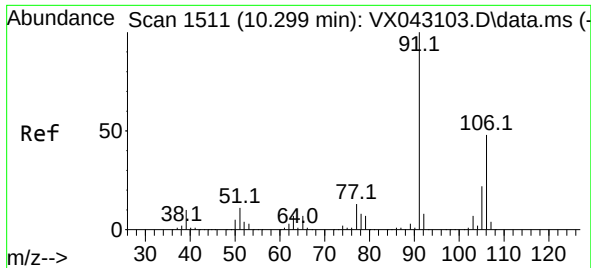
Tgt Ion: 95 Resp: 94391
Ion Ratio Lower Upper
95 100
174 72.7 0.0 146.0
176 70.7 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Tgt Ion: 117 Resp: 180554
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.3 26.3 39.5

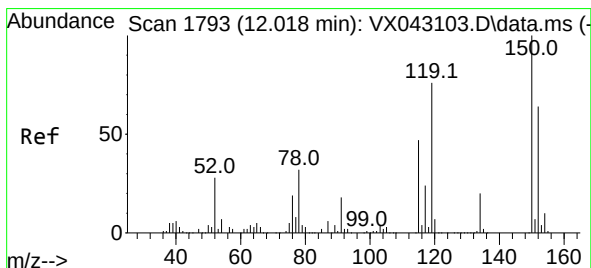
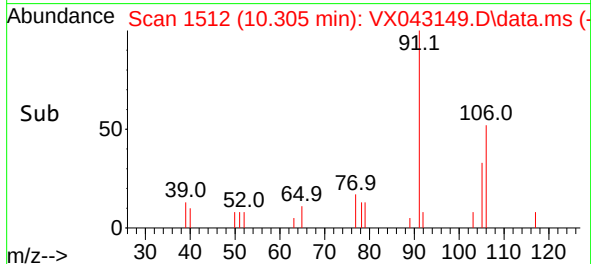
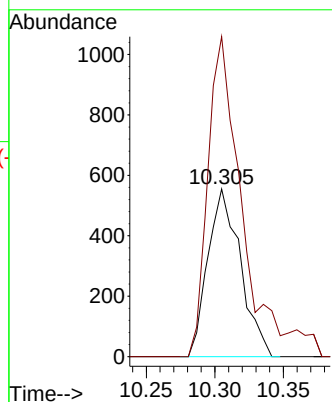
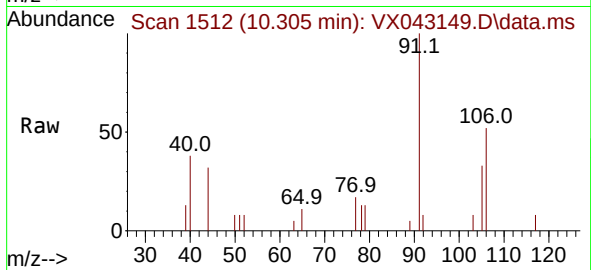




#68
m/p-Xylenes
Concen: 0.366 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

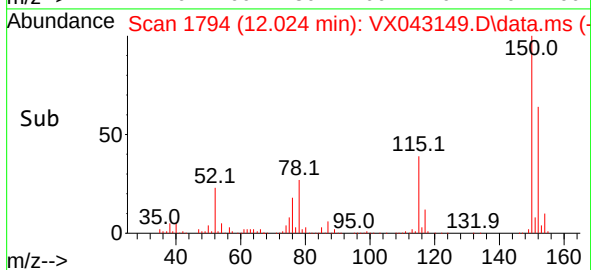
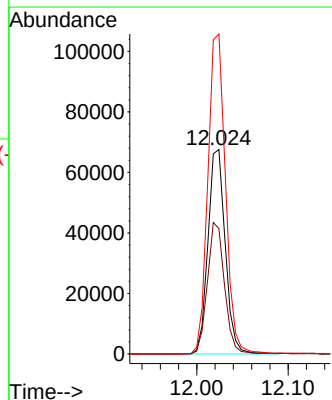
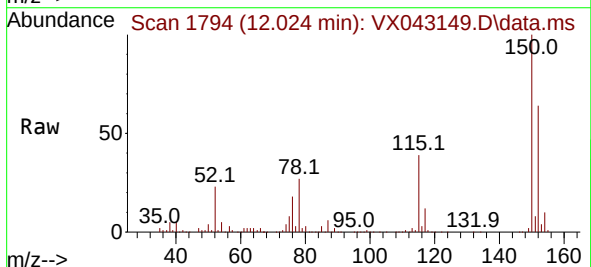
Instrument :
MSVOA_X
ClientSampleId :
EB02-20240920

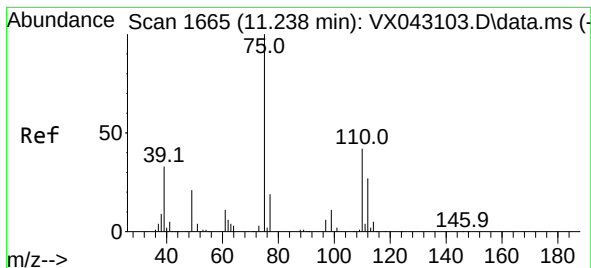
Tgt Ion:106 Resp: 917
Ion Ratio Lower Upper
106 100
91 194.7 167.5 251.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043149.D
Acq: 25 Sep 2024 13:39

Tgt Ion:152 Resp: 88688
Ion Ratio Lower Upper
152 100
115 63.5 43.7 131.1
150 160.0 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 27.596 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043149.D

Acq: 25 Sep 2024 13:39

Instrument :

MSVOA_X

ClientSampleId :

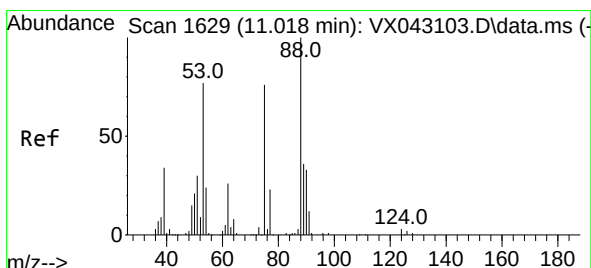
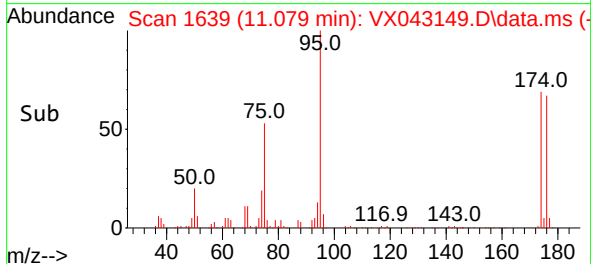
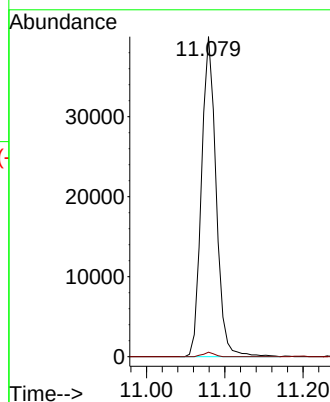
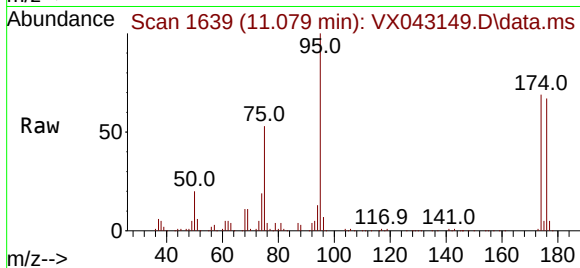
EB02-20240920

Tgt Ion: 75 Resp: 52034

Ion Ratio Lower Upper

75 100

77 1.1 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.750 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043149.D

Acq: 25 Sep 2024 13:39

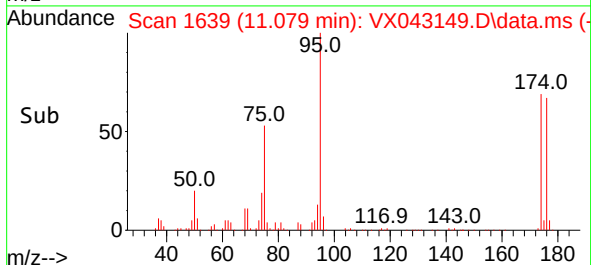
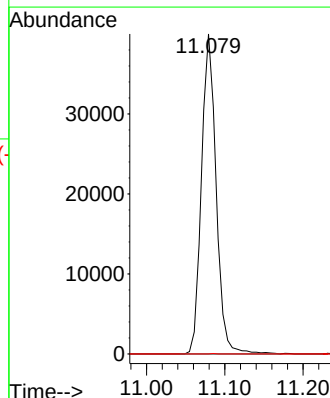
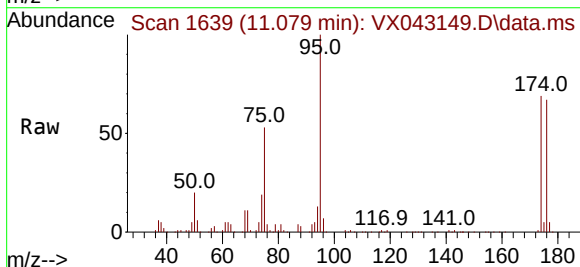
Tgt Ion: 75 Resp: 52034

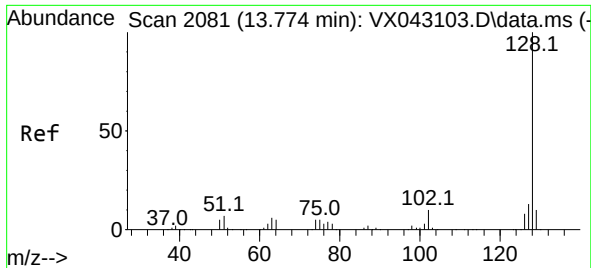
Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.2#

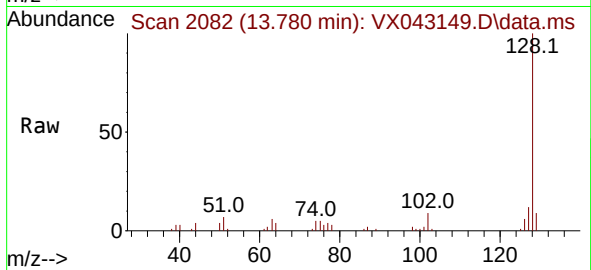
89 0.0 38.8 58.2#





#95
 Naphthalene
 Concen: 2.179 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX043149.D
 Acq: 25 Sep 2024 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20240920



Tgt Ion:	128	Resp:	13464
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.5	8.6	13.0

