

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043174.D
 Acq On : 26 Sep 2024 13:38
 Operator : JC/MD
 Sample : P4204-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-RW5FRACTANKSED-20240925

Quant Time: Sep 27 01:41:06 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)

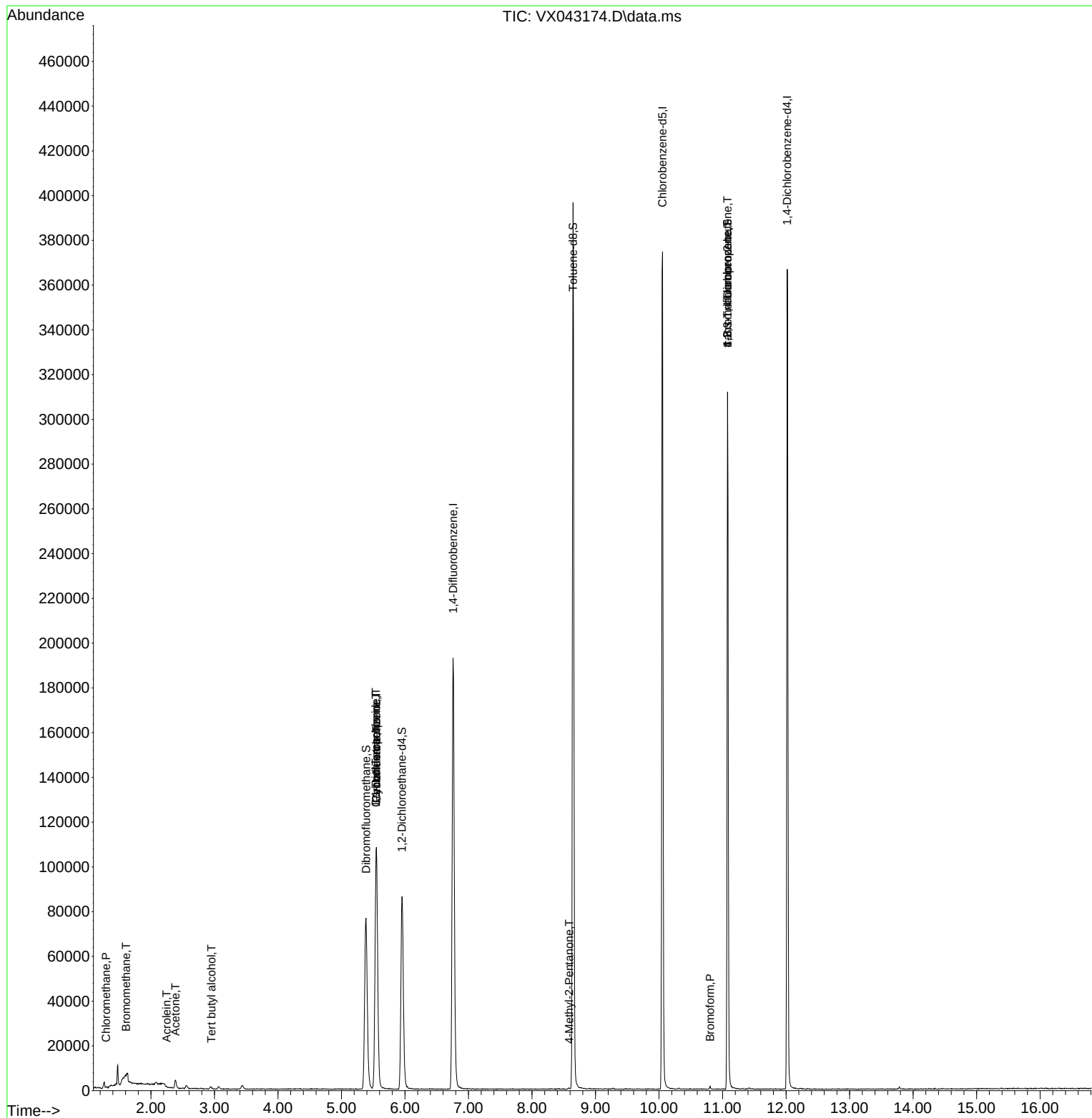
Internal Standards						
1) Pentafluorobenzene	5.550	168	98761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89020	54.265	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	108.540%		
35) Dibromofluoromethane	5.385	113	67040	48.757	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.520%		
50) Toluene-d8	8.647	98	229398	49.313	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.079	95	83163	44.392	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.780%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	376	0.350	ug/l	92
5) Bromomethane	1.605	94	193	0.307	ug/l #	66
11) Tert butyl alcohol	2.953	59	263	0.718	ug/l #	71
13) Acrolein	2.245	56	20	0.414	ug/l #	15
16) Acetone	2.386	43	4258	5.550	ug/l	97
31) Cyclohexane	5.550	56	2591	1.606	ug/l #	30
36) 1,1-Dichloropropene	5.544	75	8921	5.280	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10892	5.005	ug/l #	18
51) 4-Methyl-2-Pentanone	8.586	43	1019	0.468	ug/l #	37
71) Bromoform	10.805	173	446	0.381	ug/l #	100
76) 1,2,3-Trichloropropane	11.079	75	45472	28.601	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	45472	68.145	ug/l #	7

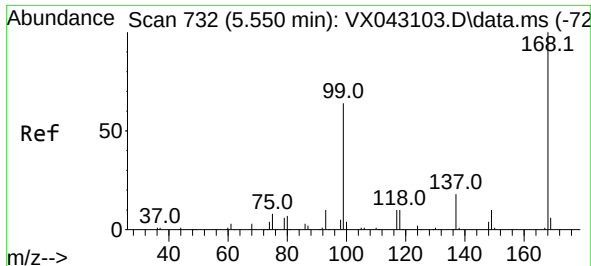
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX043174.D

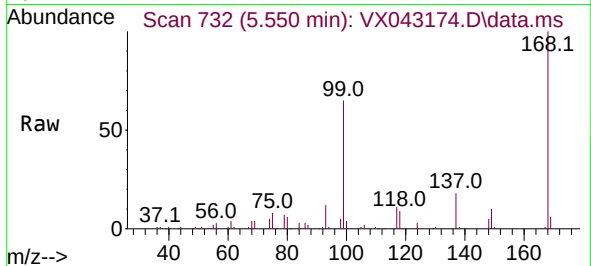
Acq: 26 Sep 2024 13:38

Instrument :

MSVOA_X

ClientSampleId :

BP-RW5FRACTANKSED-20240925

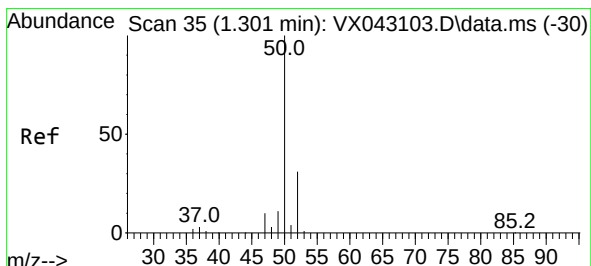
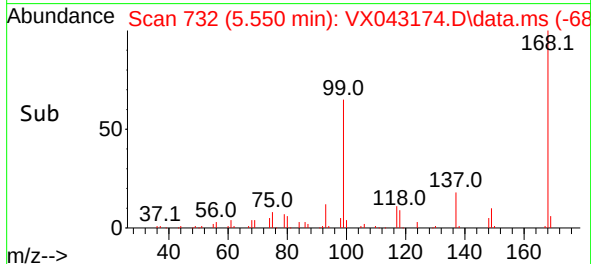
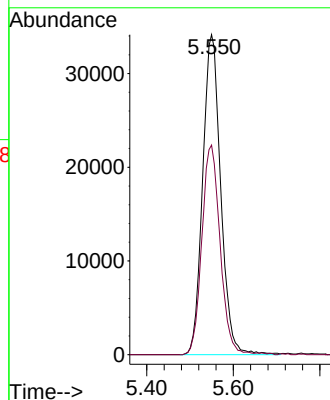


Tgt Ion:168 Resp: 98761

Ion Ratio Lower Upper

168 100

99 65.5 50.8 76.2



#3

Chloromethane

Concen: 0.350 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX043174.D

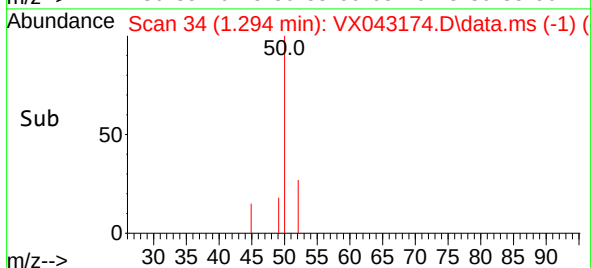
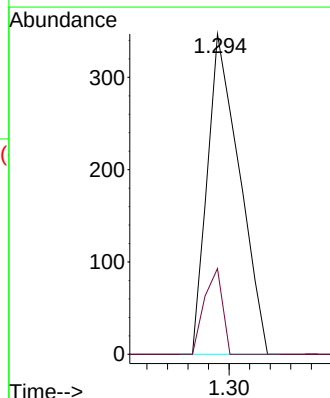
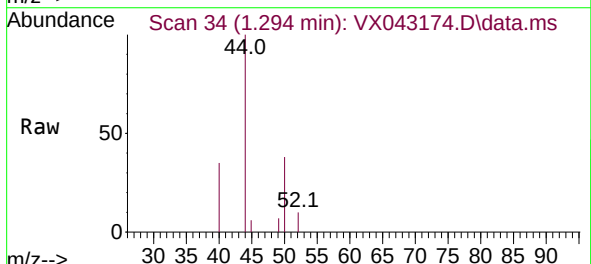
Acq: 26 Sep 2024 13:38

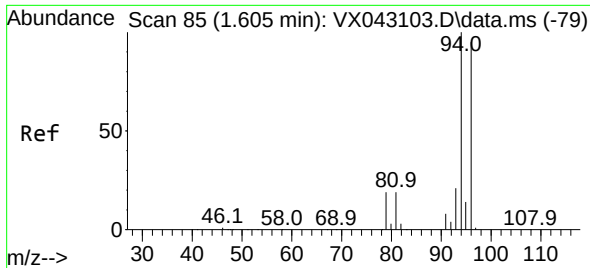
Tgt Ion: 50 Resp: 376

Ion Ratio Lower Upper

50 100

52 26.8 25.1 37.7

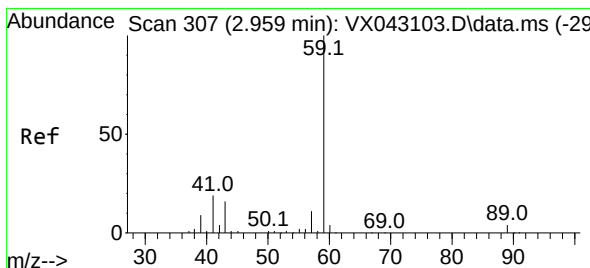
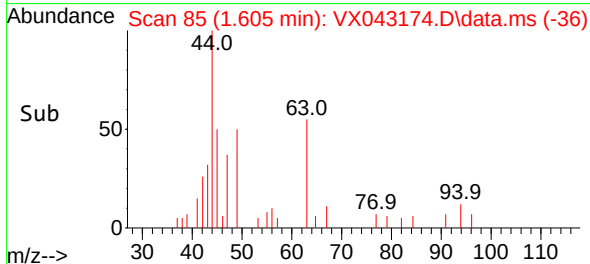
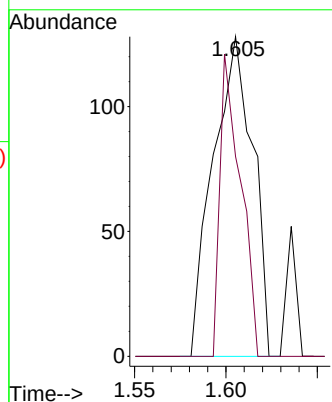
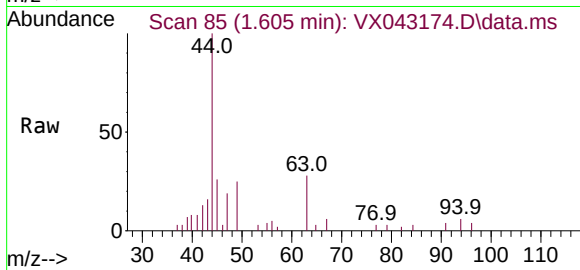




#5
Bromomethane
Concen: 0.307 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

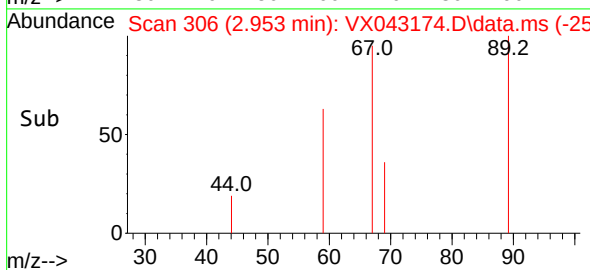
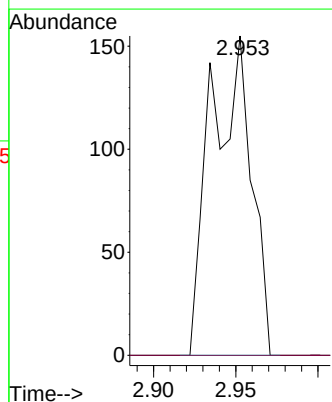
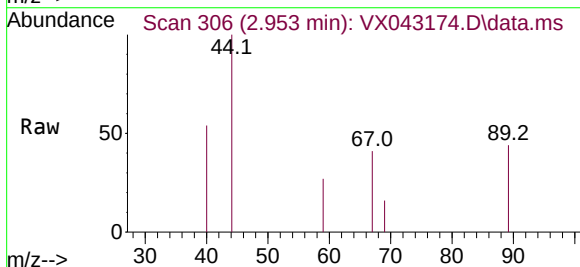
Instrument : MSVOA_X
ClientSampleId : BP-RW5FRACTANKSED-20240925

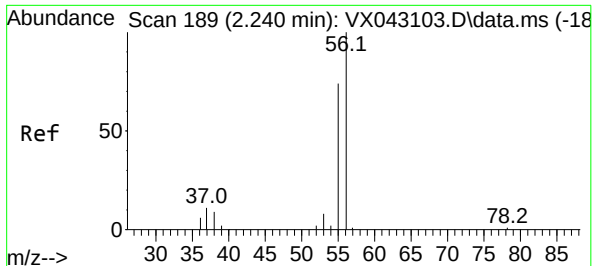
Tgt Ion: 94 Resp: 193
Ion Ratio Lower Upper
94 100
96 62.5 76.2 114.4#



#11
Tert butyl alcohol
Concen: 0.718 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

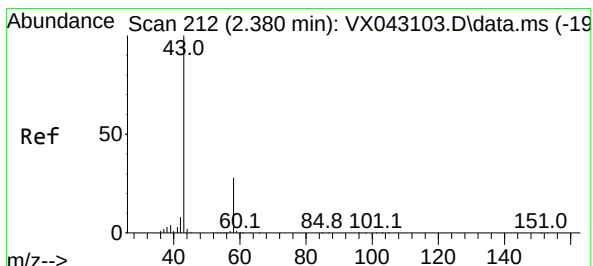
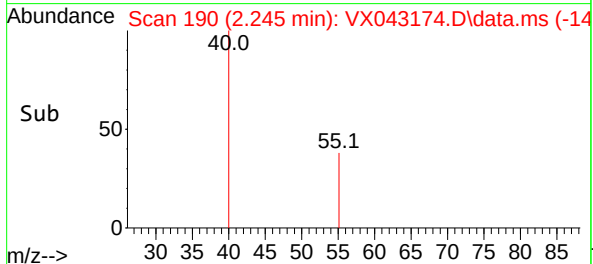
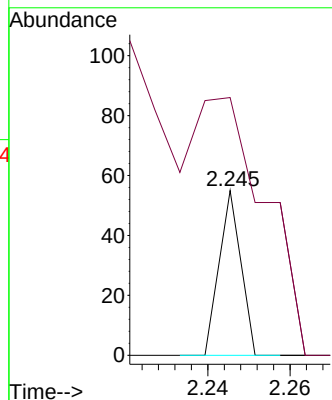
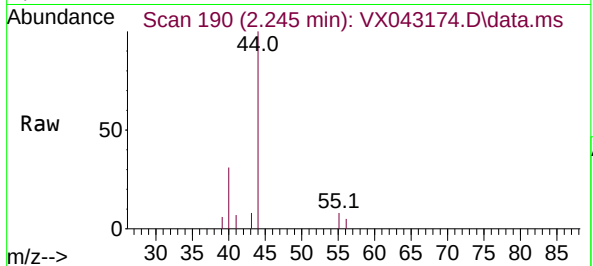




#13
Acrolein
Concen: 0.414 ug/l
RT: 2.245 min Scan# 19
Delta R.T. 0.006 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

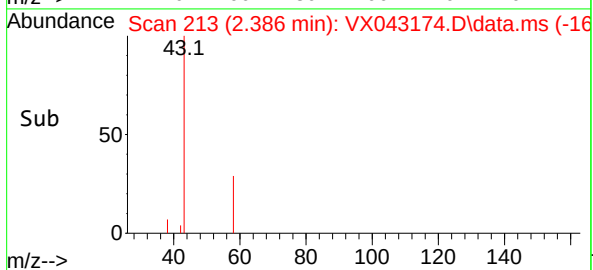
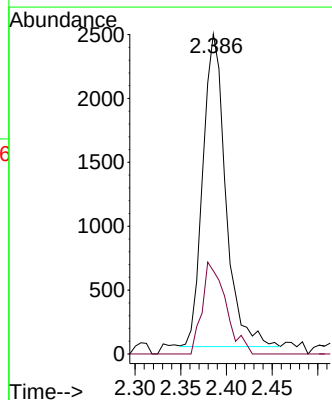
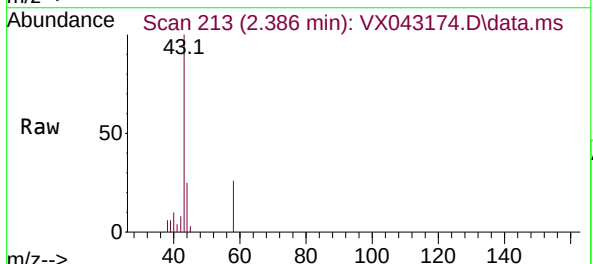
Instrument :
MSVOA_X
ClientSampleId :
BP-RW5FRACTANKSED-20240925

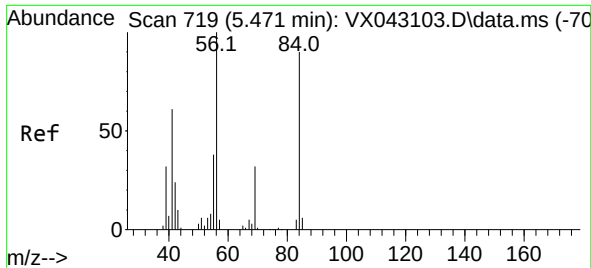
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#



#16
Acetone
Concen: 5.550 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

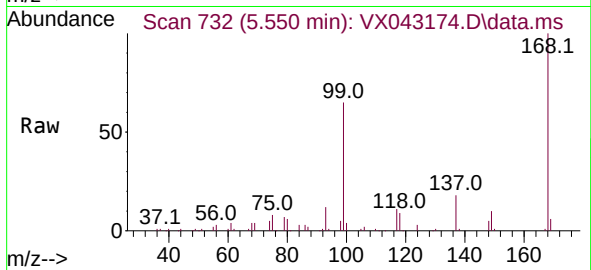
Tgt Ion: 43 Resp: 4258
Ion Ratio Lower Upper
43 100
58 26.6 22.6 34.0



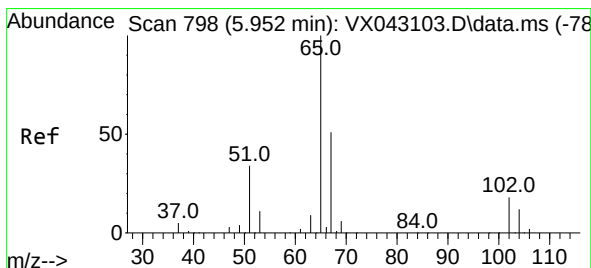
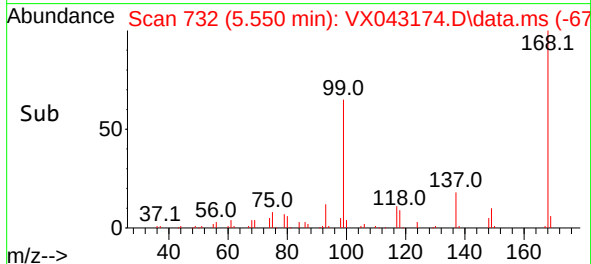
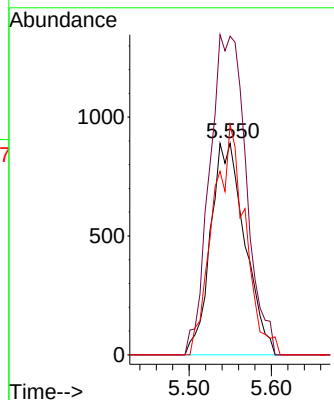


#31
Cyclohexane
Concen: 1.606 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Instrument :
MSVOA_X
ClientSampleId :
BP-RW5FRACTANKSED-20240925

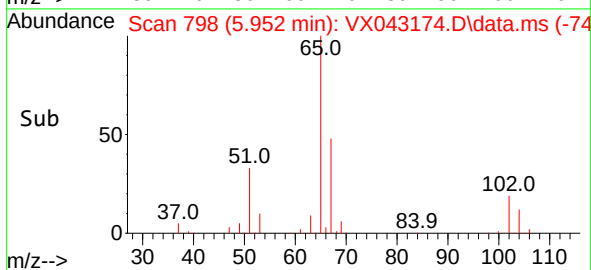
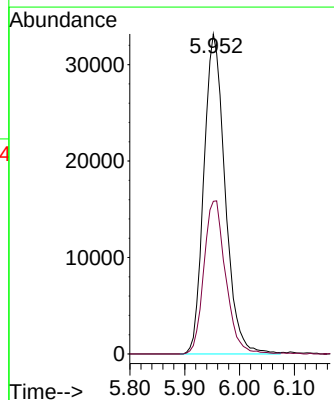
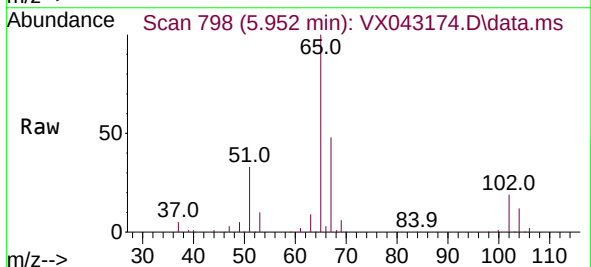


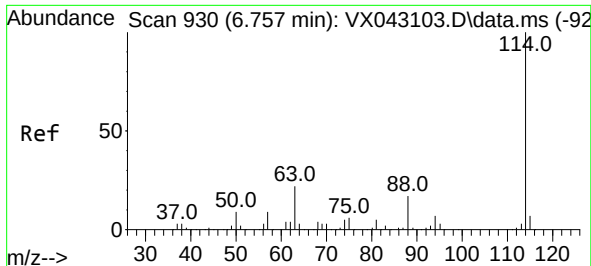
Tgt Ion: 56 Resp: 2591
Ion Ratio Lower Upper
56 100
69 150.7 25.8 38.6#
84 108.8 72.4 108.6#



#33
1,2-Dichloroethane-d4
Concen: 54.265 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Tgt Ion: 65 Resp: 89020
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

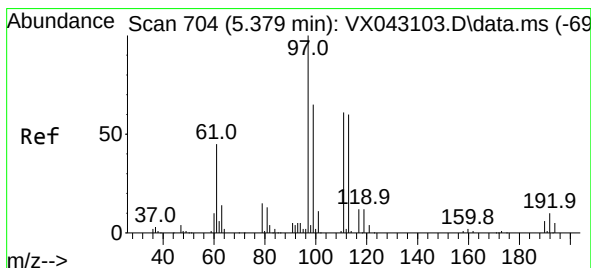
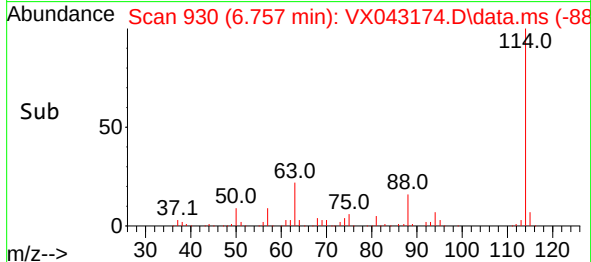
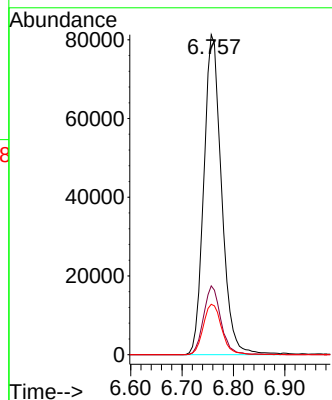
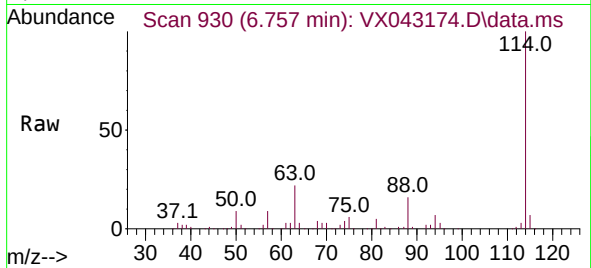




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

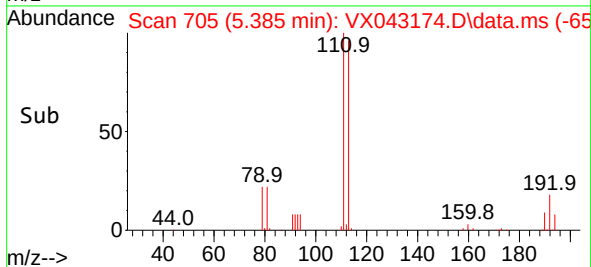
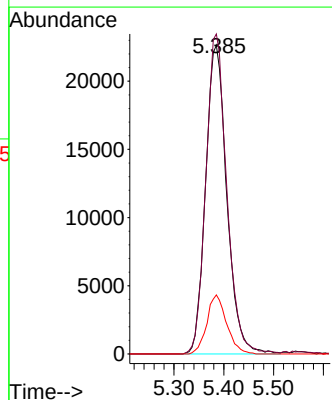
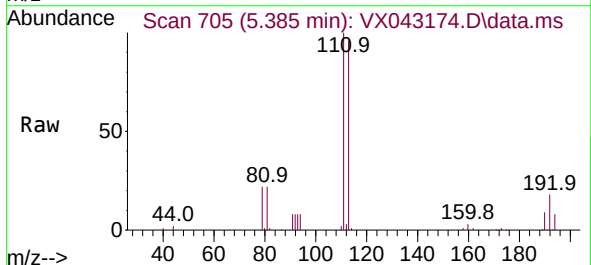
Instrument :
MSVOA_X
ClientSampleId :
BP-RW5FRACTANKSED-20240925

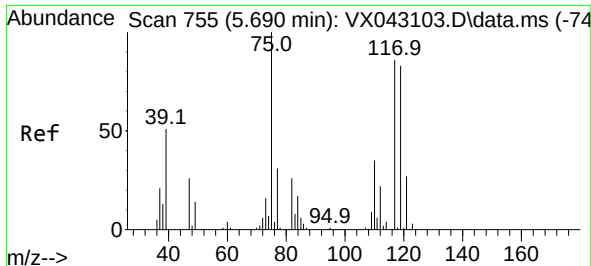
Tgt Ion:114 Resp: 194915
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.757 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Tgt Ion:113 Resp: 67040
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 17.8 14.6 22.0





#36

1,1-Dichloropropene

Concen: 5.280 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.147 min

Lab File: VX043174.D

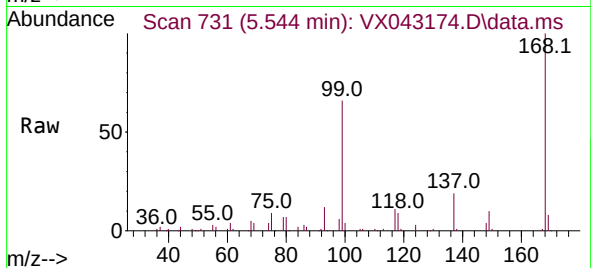
Acq: 26 Sep 2024 13:38

Instrument :

MSVOA_X

ClientSampleId :

BP-RW5FRACTANKSED-20240925



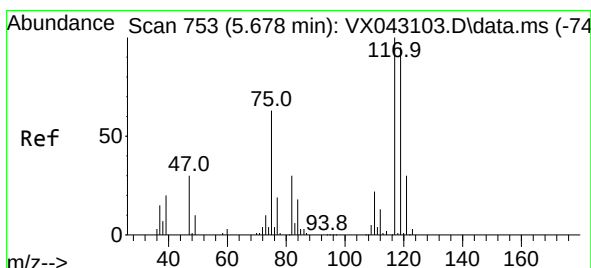
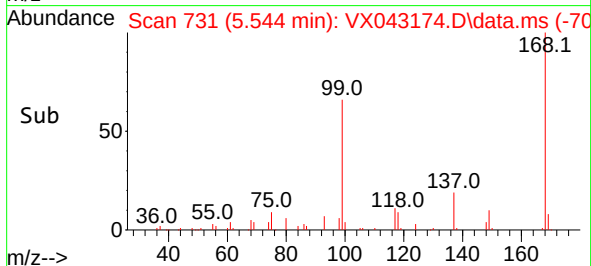
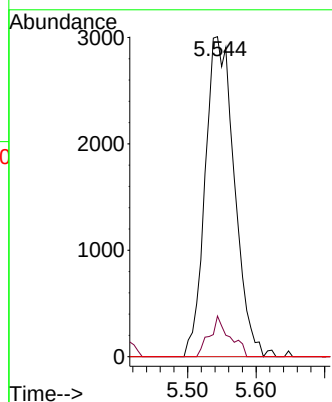
Tgt Ion: 75 Resp: 8921

Ion Ratio Lower Upper

75 100

110 8.7 17.8 53.4#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.005 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX043174.D

Acq: 26 Sep 2024 13:38

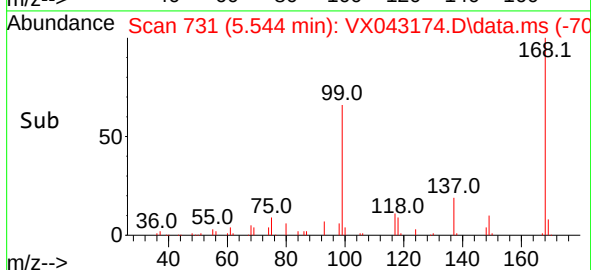
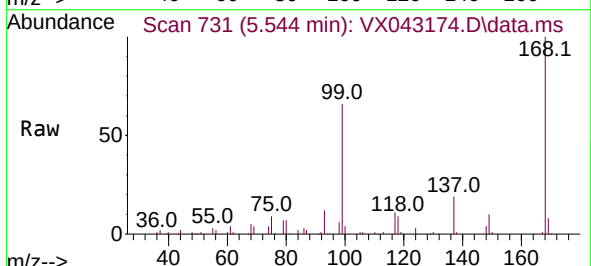
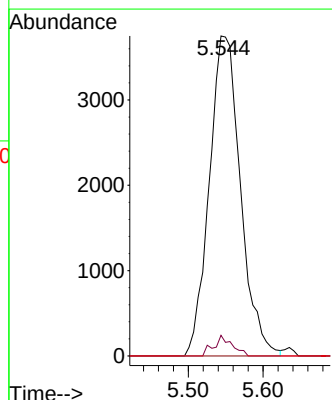
Tgt Ion: 117 Resp: 10892

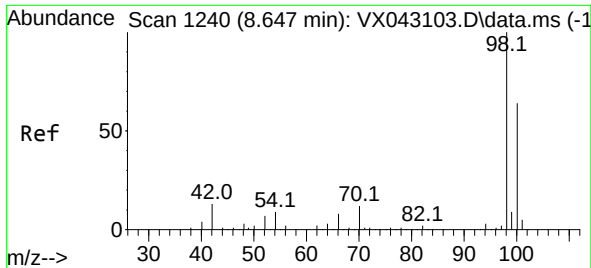
Ion Ratio Lower Upper

117 100

119 6.4 75.5 113.3#

121 0.0 24.2 36.2#

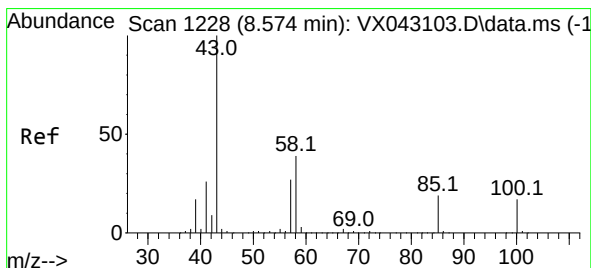
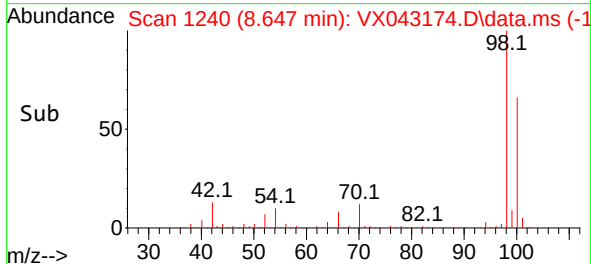
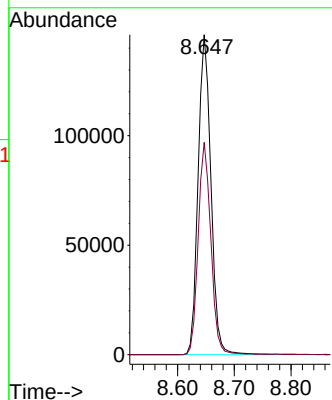
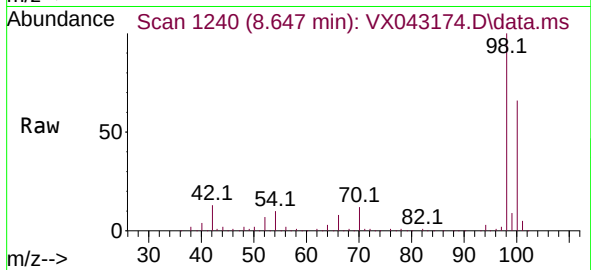




#50
Toluene-d8
Concen: 49.313 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

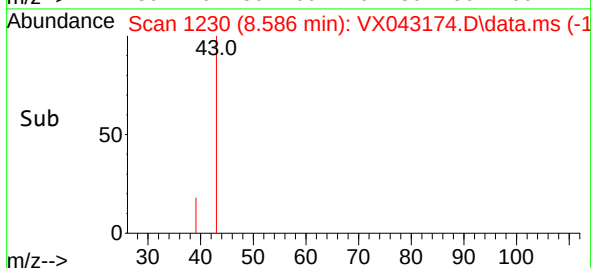
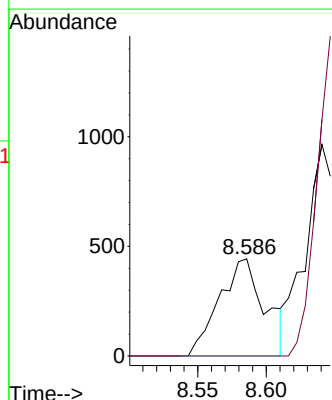
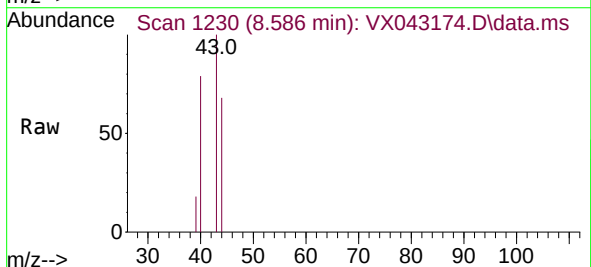
Instrument :
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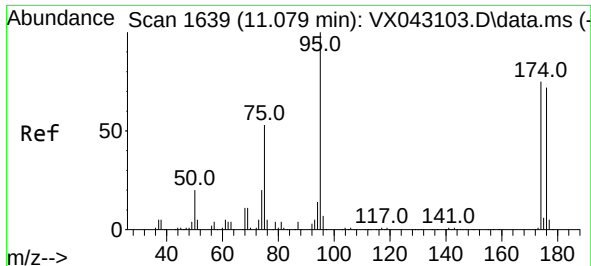
Tgt Ion: 98 Resp: 229398
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 0.0 30.3 45.5#

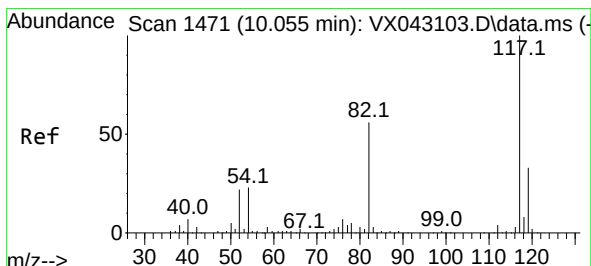
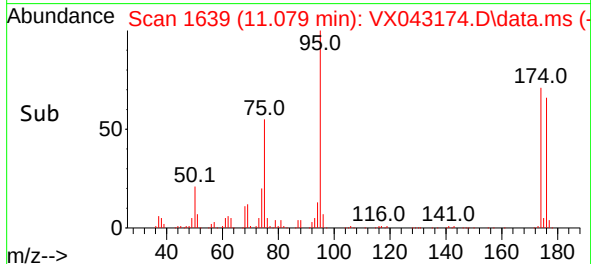
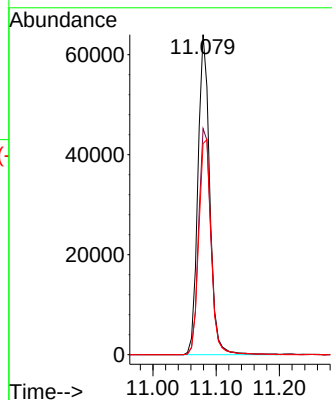
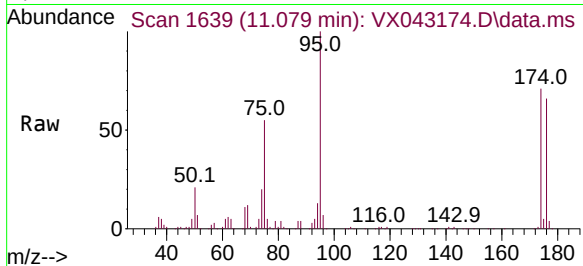




#62
4-Bromofluorobenzene
Concen: 44.392 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

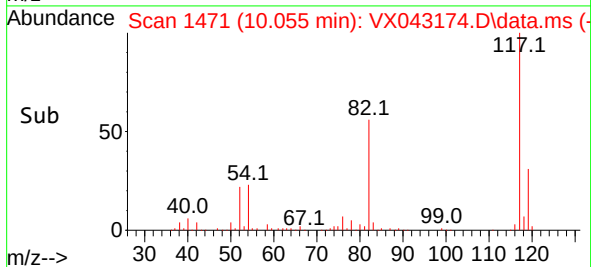
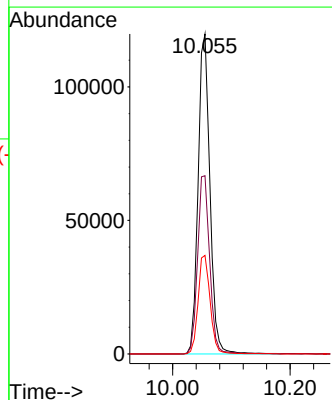
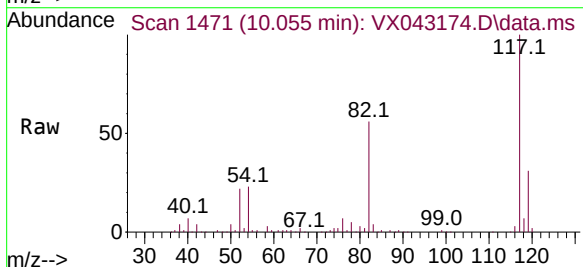
Instrument :
MSVOA_X
ClientSampleId :
BP-RW5FRACTANKSED-20240925

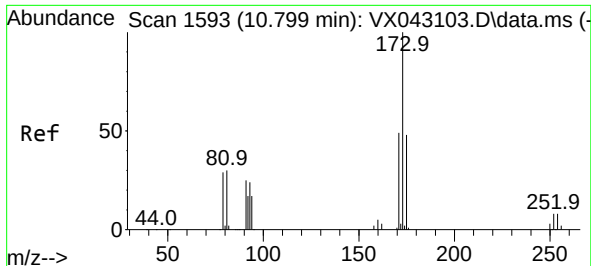
Tgt Ion: 95 Resp: 83163
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.0
176 70.9 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Tgt Ion: 117 Resp: 167295
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 30.8 26.3 39.5

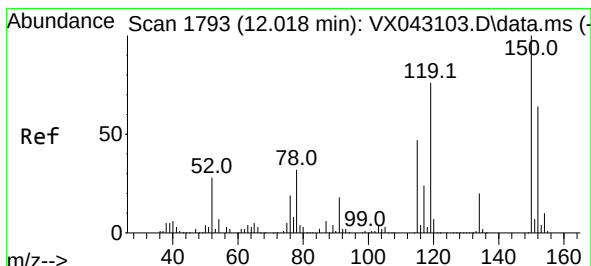
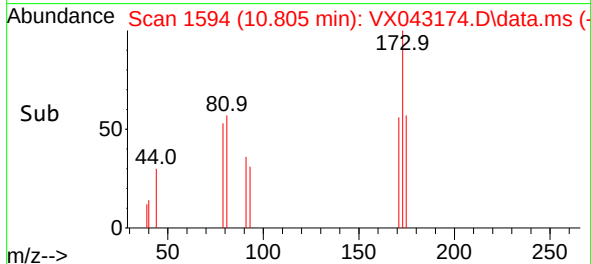
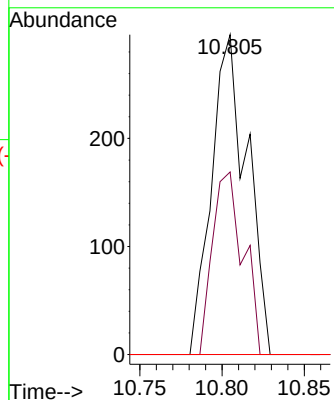
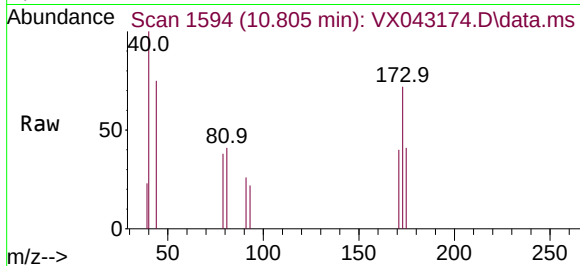




#71
Bromoform
Concen: 0.381 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

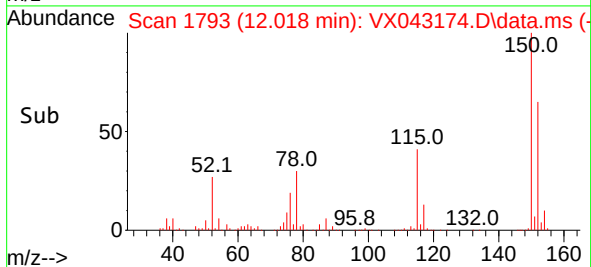
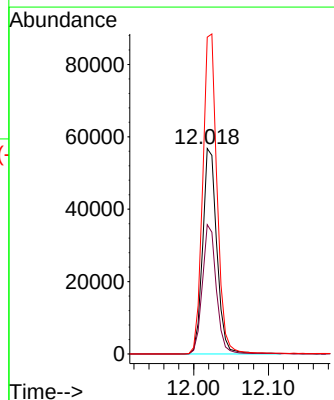
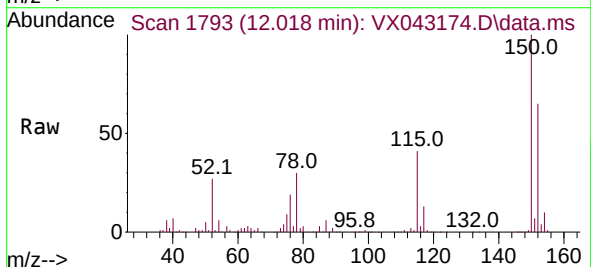
Instrument :
MSVOA_X
ClientSampleId :
BP-RW5FRACTANKSED-20240925

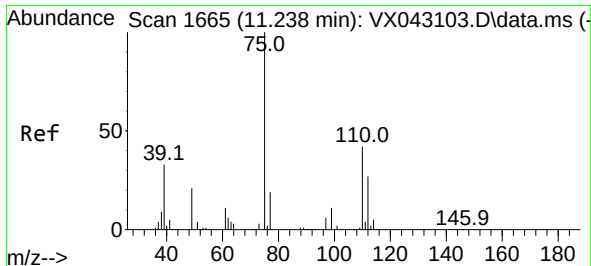
Tgt Ion:173 Resp: 446
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Tgt Ion:152 Resp: 74779
Ion Ratio Lower Upper
152 100
115 61.7 43.7 131.1
150 157.3 0.0 344.6

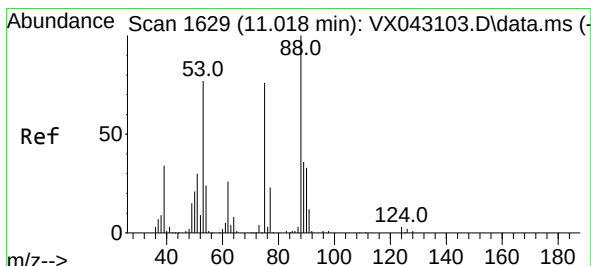
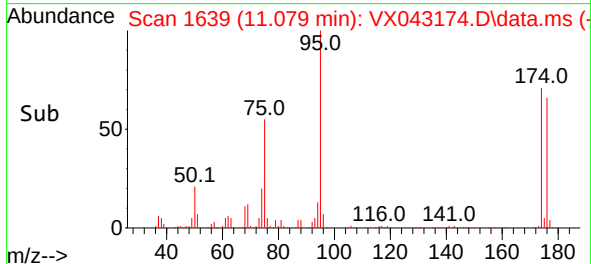
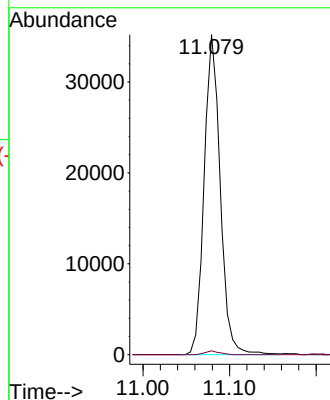
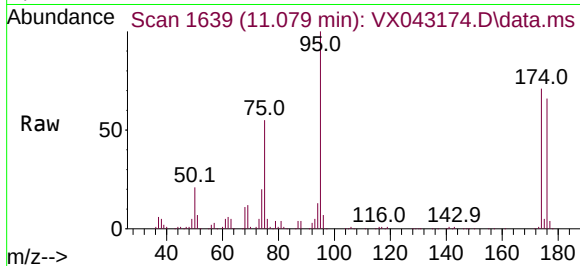




#76
1,2,3-Trichloropropane
Concen: 28.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Instrument : MSVOA_X
ClientSampleId : BP-RW5FRACTANKSED-20240925

Tgt Ion: 75 Resp: 45472
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043174.D
Acq: 26 Sep 2024 13:38

Tgt Ion: 75 Resp: 45472
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#

