

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043173.D
 Acq On : 26 Sep 2024 13:15
 Operator : JC/MD
 Sample : P4204-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20240925

Quant Time: Sep 27 01:40:53 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)

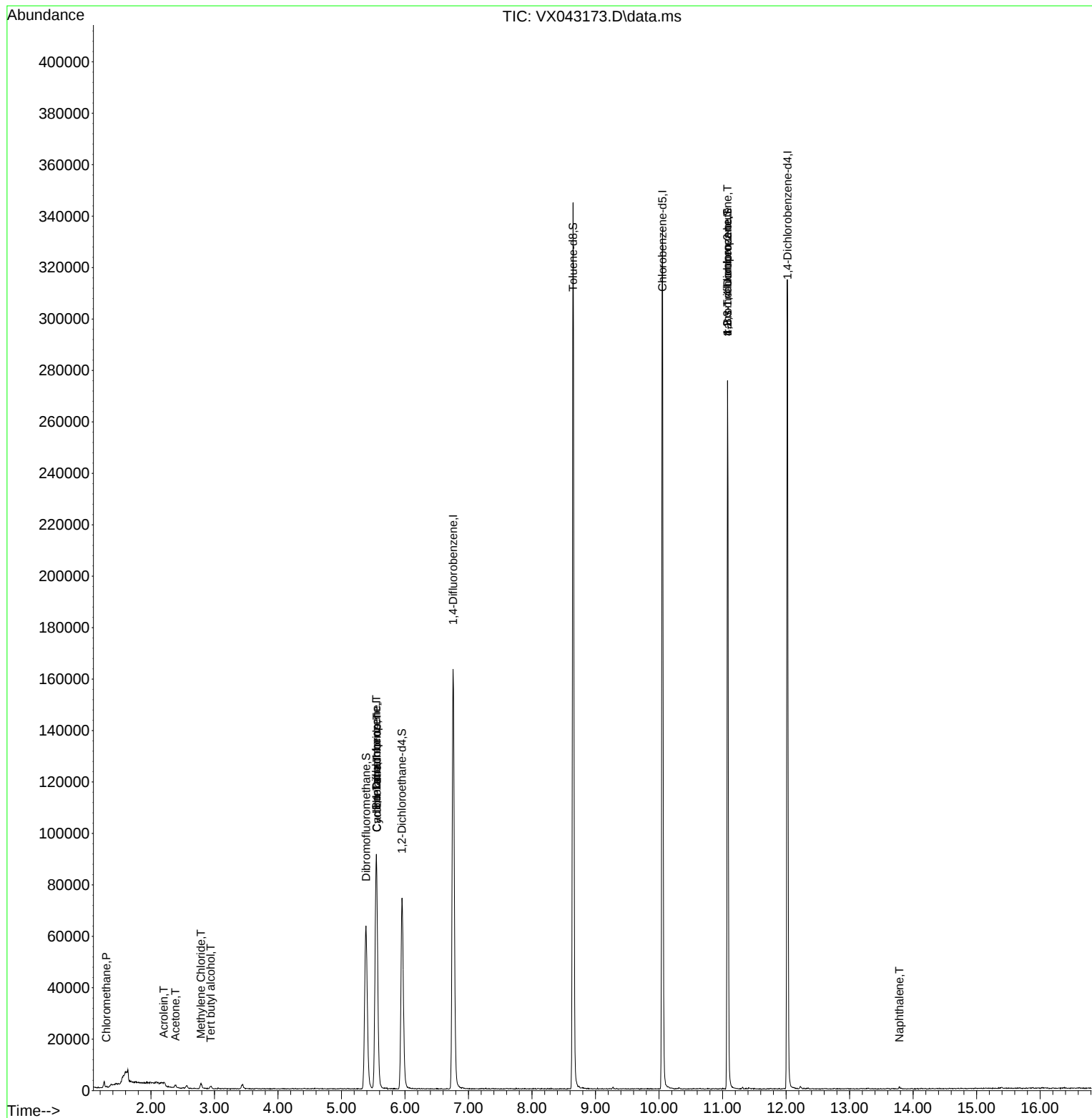
Internal Standards						
1) Pentafluorobenzene	5.550	168	82067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75055	55.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.120%			
35) Dibromofluoromethane	5.385	113	55969	48.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.060%			
50) Toluene-d8	8.647	98	200892	50.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.900%			
62) 4-Bromofluorobenzene	11.079	95	73845	46.509	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.020%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	223	0.250	ug/l #	43
11) Tert butyl alcohol	2.940	59	324	1.065	ug/l #	71
13) Acrolein	2.203	56	29	0.723	ug/l #	1
16) Acetone	2.386	43	1342	2.105	ug/l	100
20) Methylene Chloride	2.788	84	1047	1.032	ug/l #	92
31) Cyclohexane	5.556	56	1969	1.469	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	7340	5.126	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9569	5.188	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	40495	29.401	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40495	70.050	ug/l #	7
95) Naphthalene	13.786	128	1150	0.255	ug/l #	82

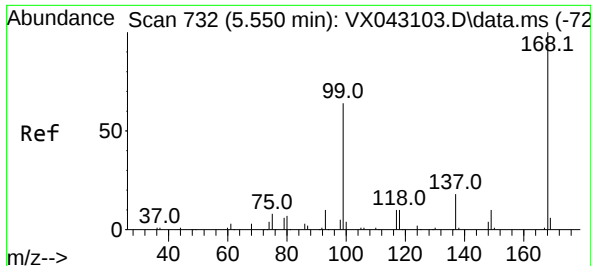
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
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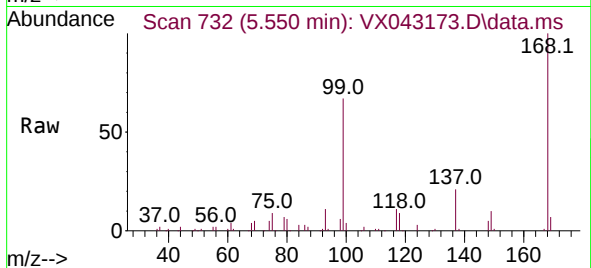
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

Instrument :

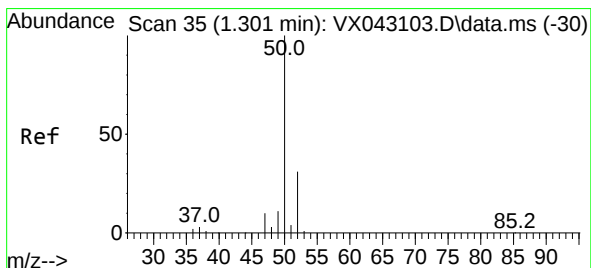
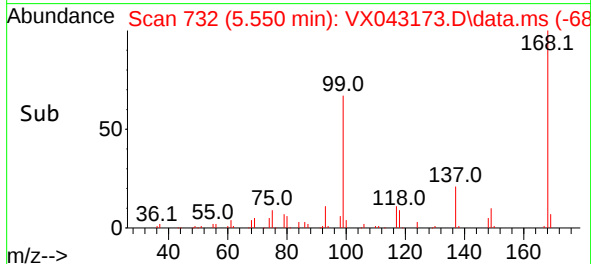
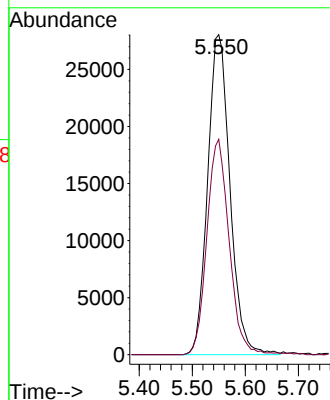
MSVOA_X

ClientSampleId :

BP-TB-20240925

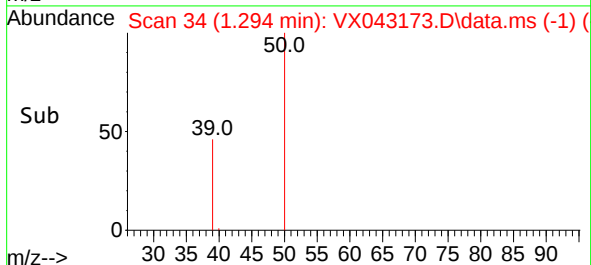
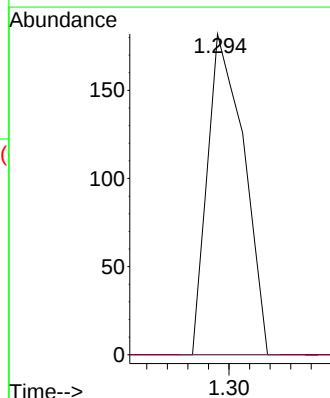
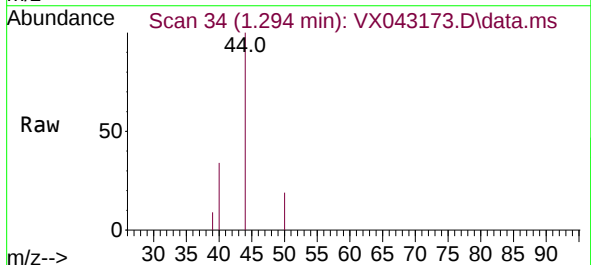


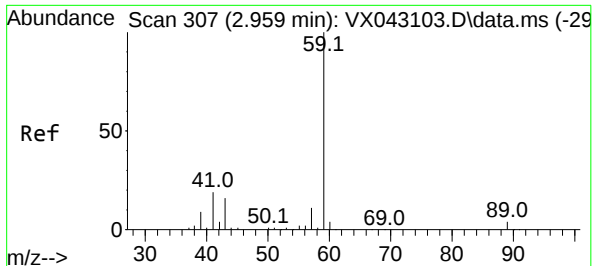
Tgt Ion:168 Resp: 82067
Ion Ratio Lower Upper
168 100
99 67.3 50.8 76.2



#3
Chloromethane
Concen: 0.250 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.065 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX043173.D

Acq: 26 Sep 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

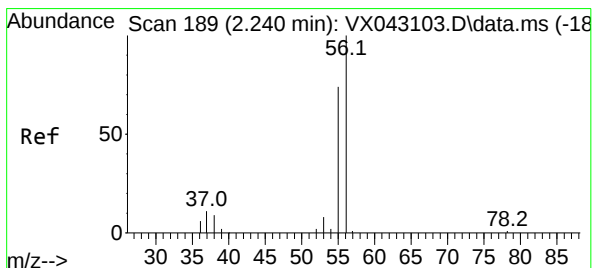
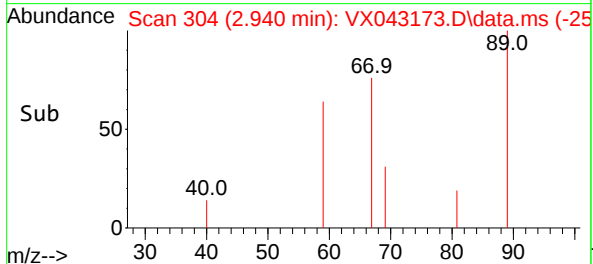
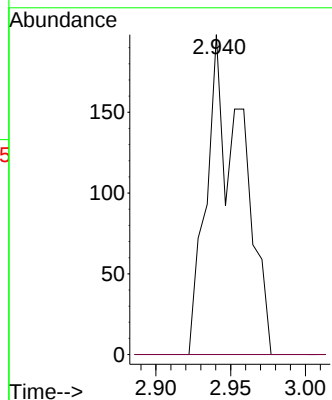
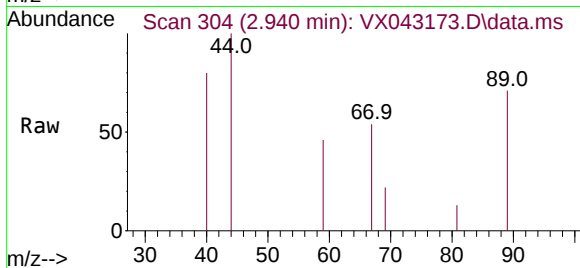
BP-TB-20240925

Tgt Ion: 59 Resp: 324

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 0.723 ug/l

RT: 2.203 min Scan# 183

Delta R.T. -0.037 min

Lab File: VX043173.D

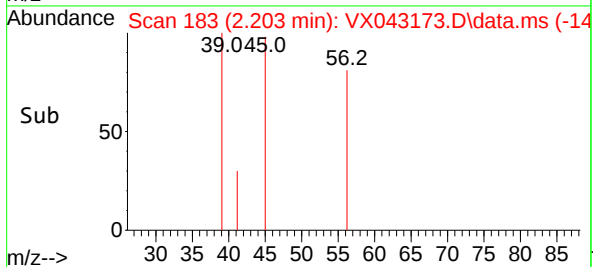
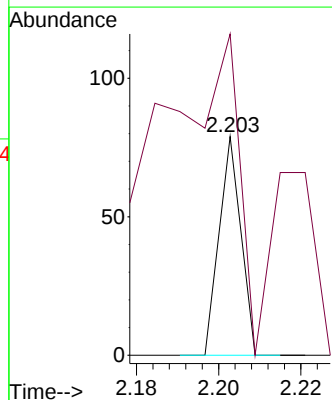
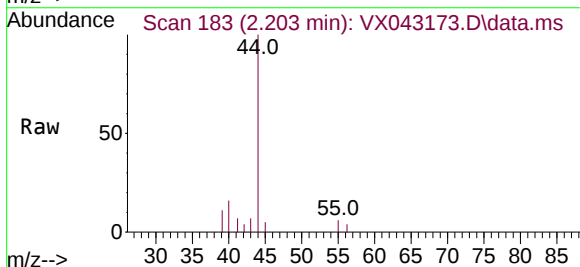
Acq: 26 Sep 2024 13:15

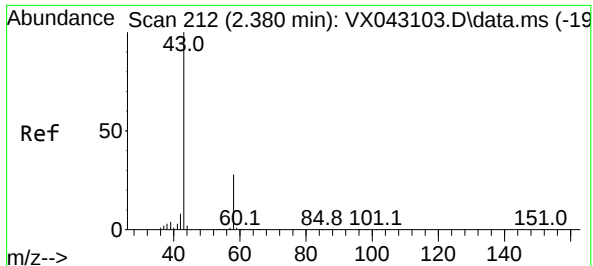
Tgt Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 248.3 55.8 83.6#





#16

Acetone

Concen: 2.105 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX043173.D

Acq: 26 Sep 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

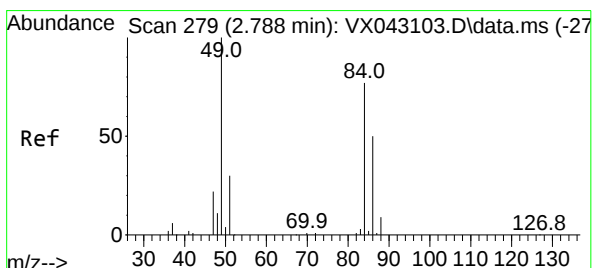
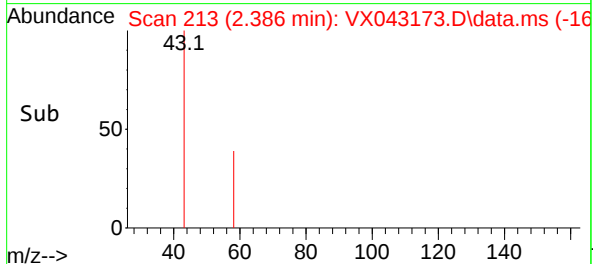
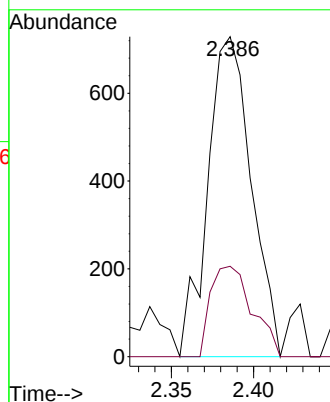
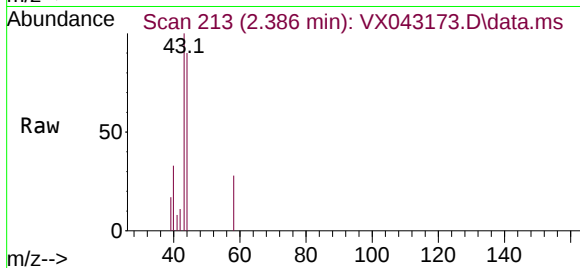
BP-TB-20240925

Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

58 28.3 22.6 34.0



#20

Methylene Chloride

Concen: 1.032 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043173.D

Acq: 26 Sep 2024 13:15

Tgt Ion: 84 Resp: 1047

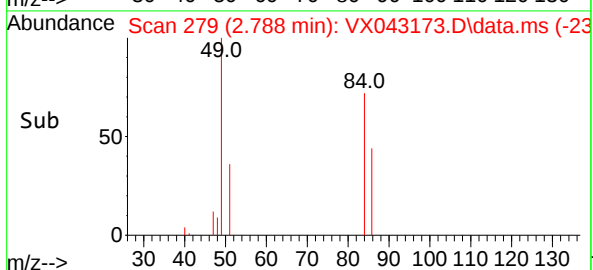
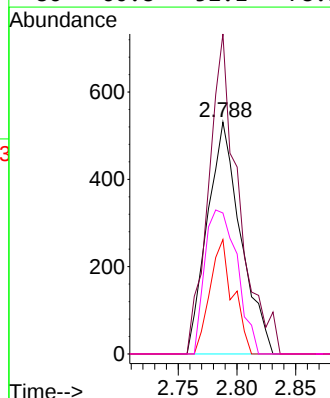
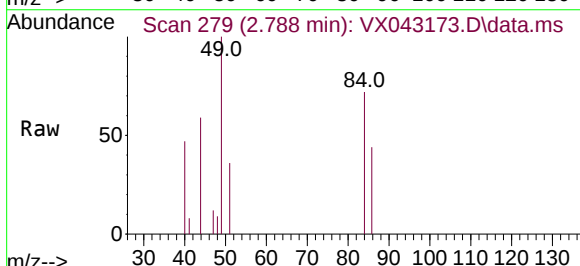
Ion Ratio Lower Upper

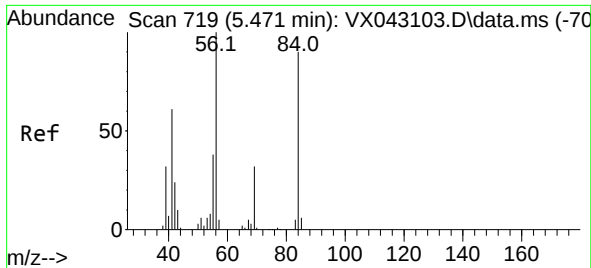
84 100

49 138.0 104.1 156.1

51 49.3 31.1 46.7#

86 60.8 52.1 78.1

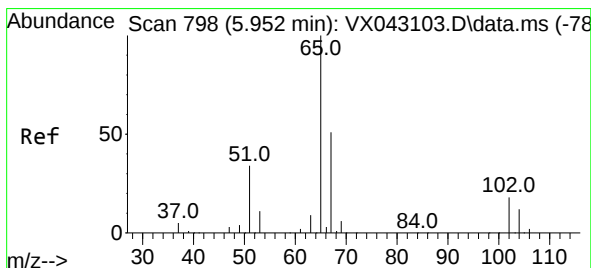
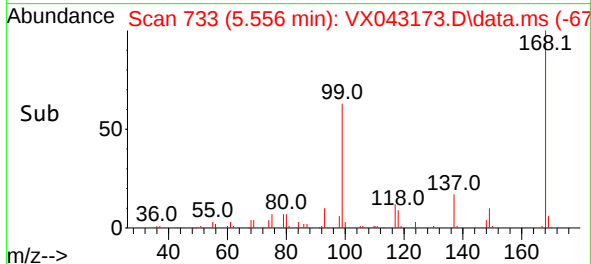
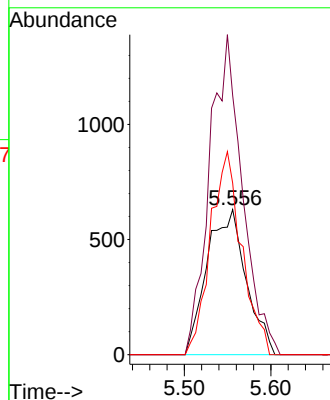
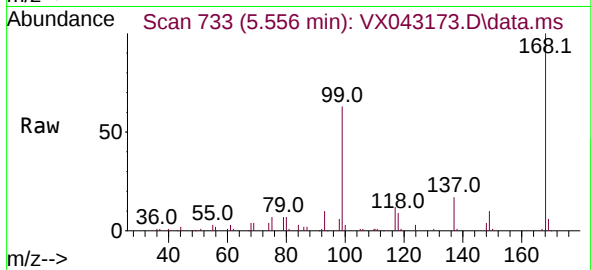




#31
Cyclohexane
Concen: 1.469 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

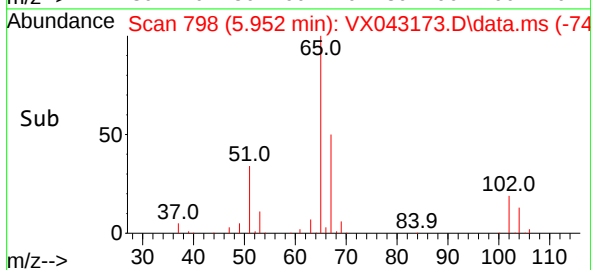
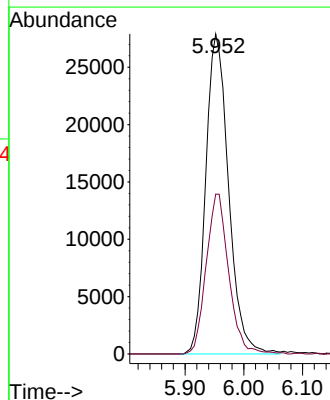
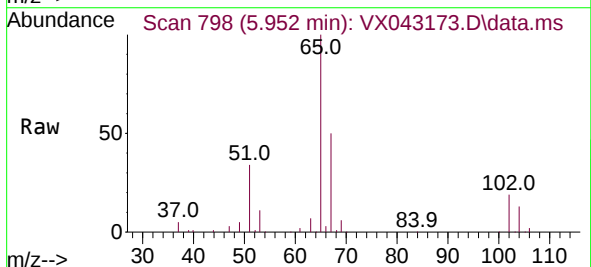
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20240925

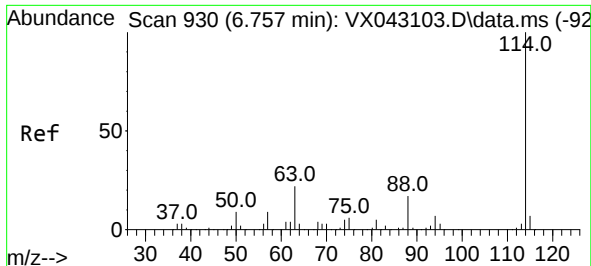
Tgt Ion: 56 Resp: 1969
Ion Ratio Lower Upper
56 100
69 178.7 25.8 38.6#
84 118.3 72.4 108.6#



#33
1,2-Dichloroethane-d4
Concen: 55.059 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

Tgt Ion: 65 Resp: 75055
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

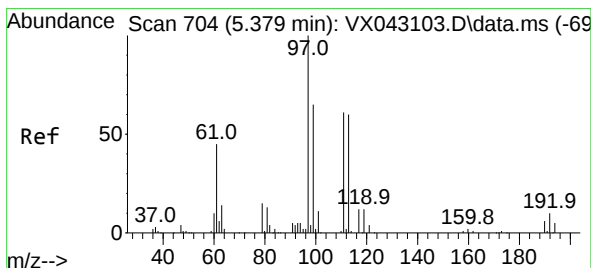
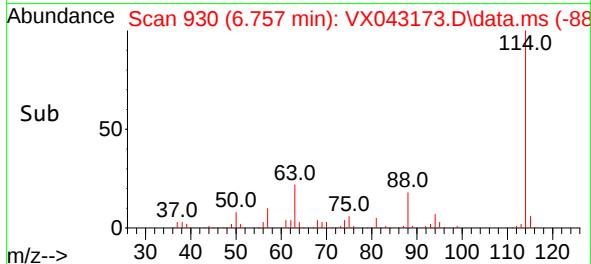
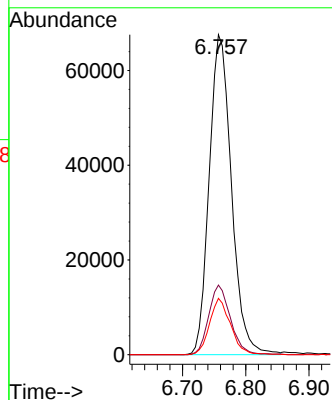
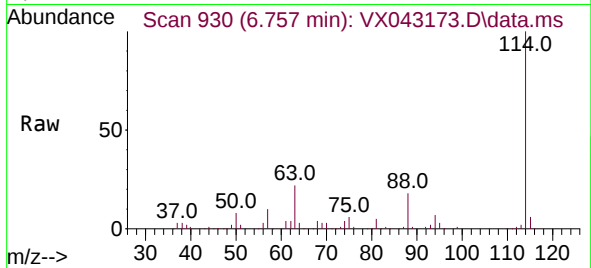




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

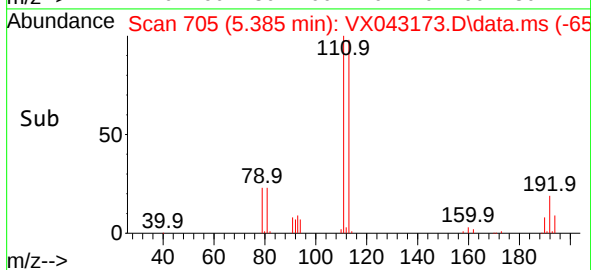
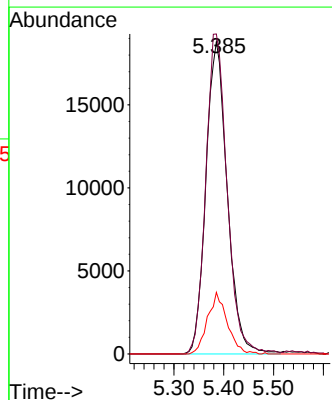
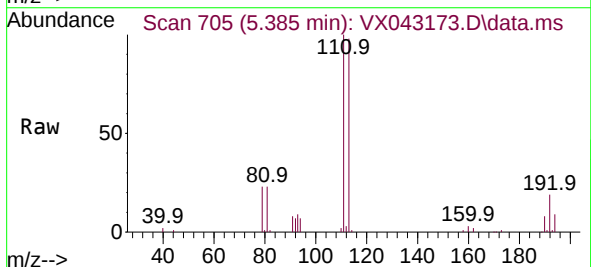
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20240925

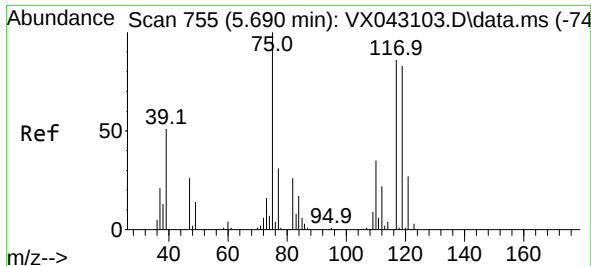
Tgt Ion:114 Resp: 165198
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 17.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.027 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

Tgt Ion:113 Resp: 55969
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.2 14.6 22.0





#36

1,1-Dichloropropene

Concen: 5.126 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX043173.D

Acq: 26 Sep 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20240925

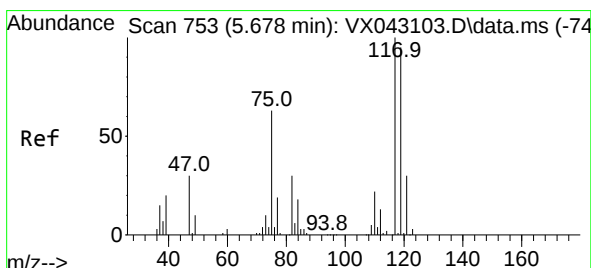
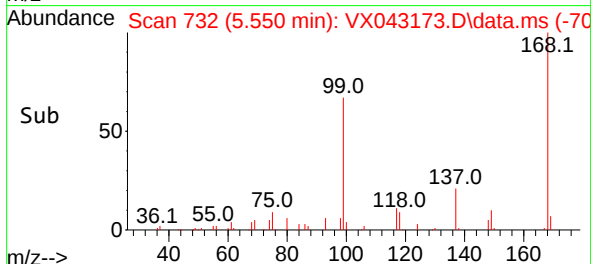
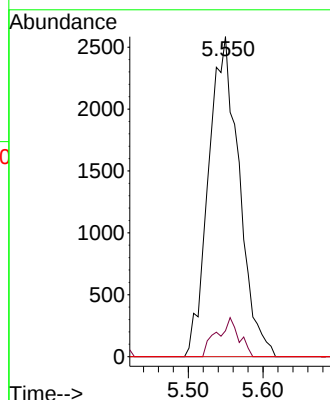
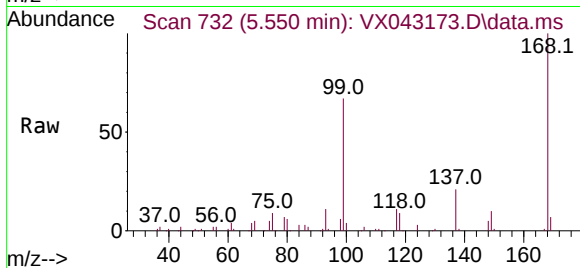
Tgt Ion: 75 Resp: 7340

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.4#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.188 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX043173.D

Acq: 26 Sep 2024 13:15

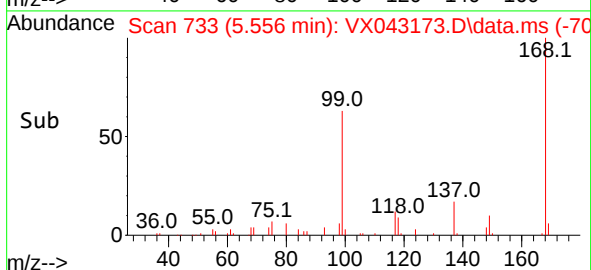
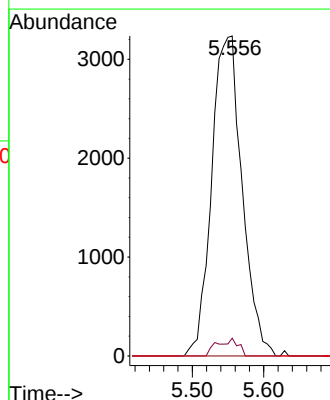
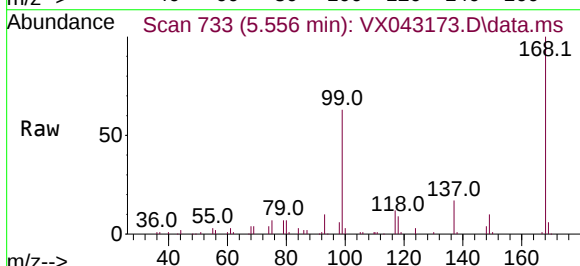
Tgt Ion: 117 Resp: 9569

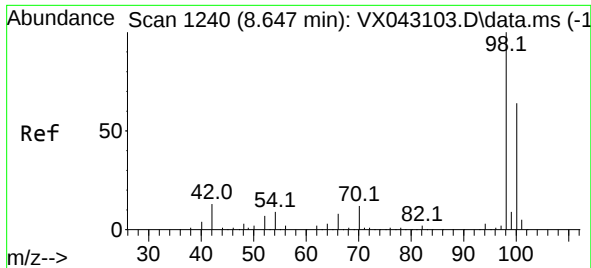
Ion Ratio Lower Upper

117 100

119 5.5 75.5 113.3#

121 0.0 24.2 36.2#

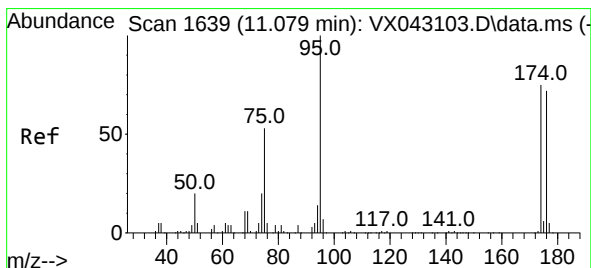
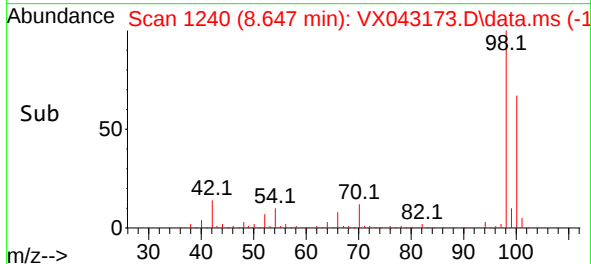
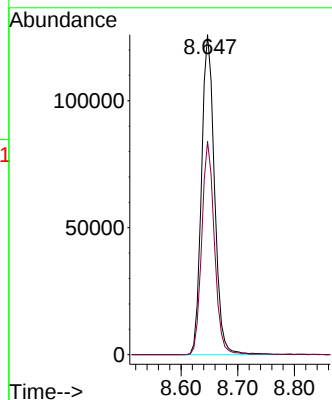
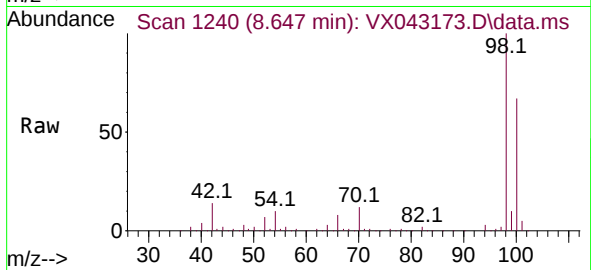




#50
Toluene-d8
Concen: 50.953 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

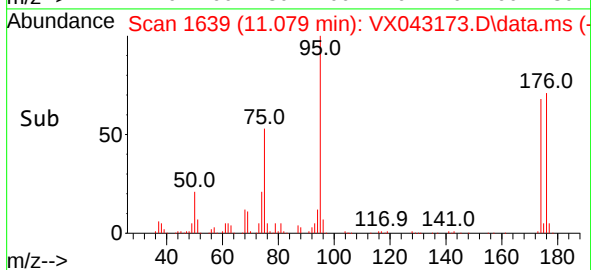
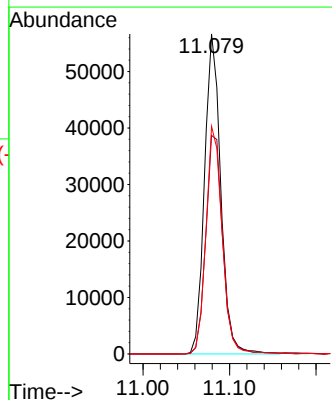
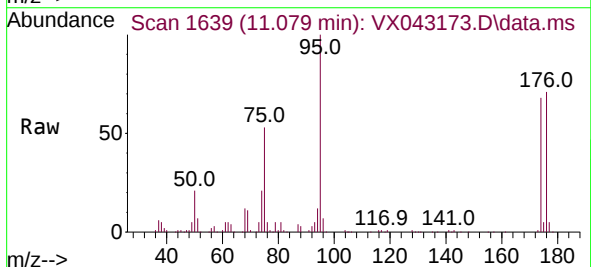
Instrument :
MSVOA_X
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BP-TB-20240925

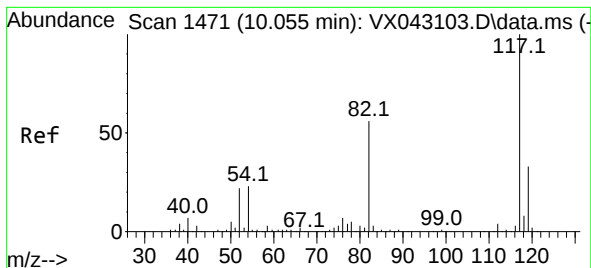
Tgt Ion: 98 Resp: 200892
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

Tgt Ion: 95 Resp: 73845
Ion Ratio Lower Upper
95 100
174 71.3 0.0 146.0
176 71.2 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: VX043173.D

Acq: 26 Sep 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20240925

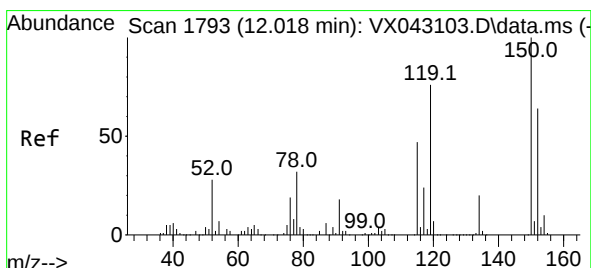
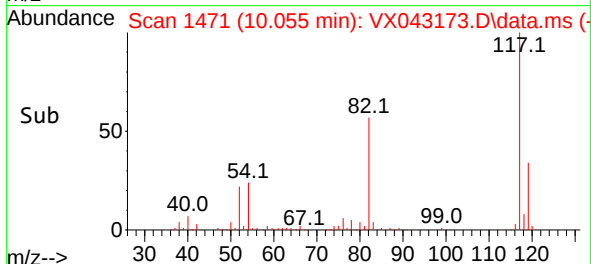
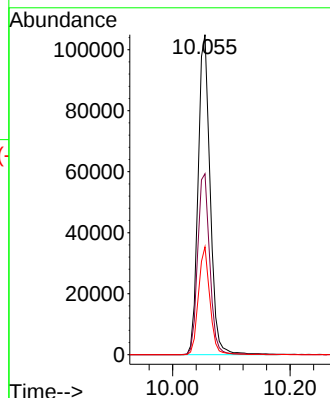
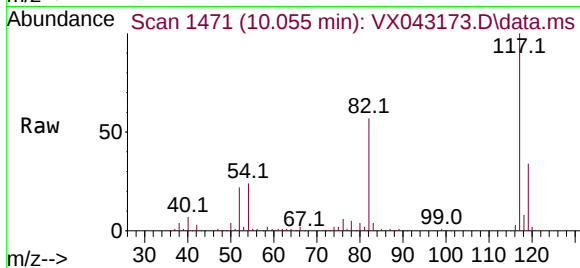
Tgt Ion:117 Resp: 149141

Ion Ratio Lower Upper

117 100

82 56.6 44.7 67.1

119 33.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043173.D

Acq: 26 Sep 2024 13:15

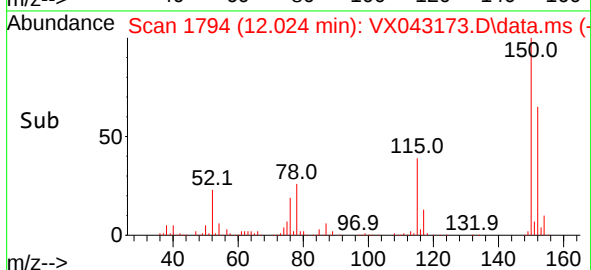
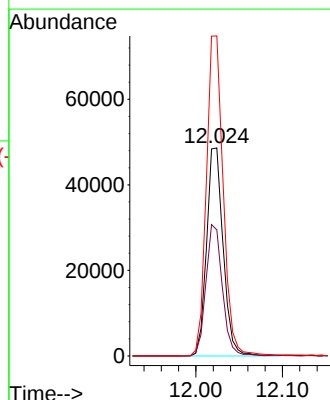
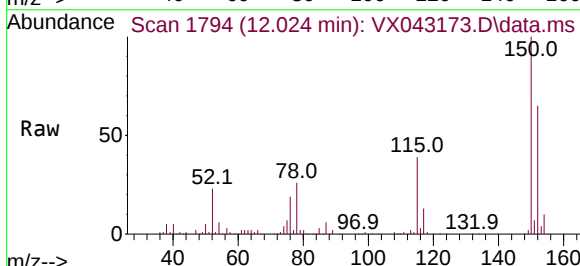
Tgt Ion:152 Resp: 64784

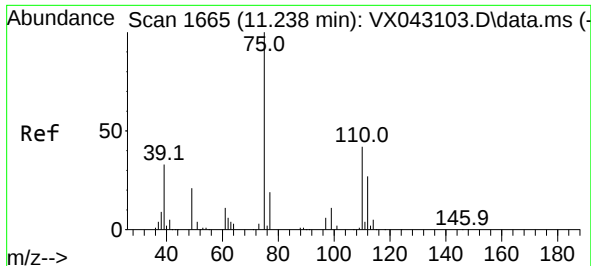
Ion Ratio Lower Upper

152 100

115 62.5 43.7 131.1

150 156.2 0.0 344.6

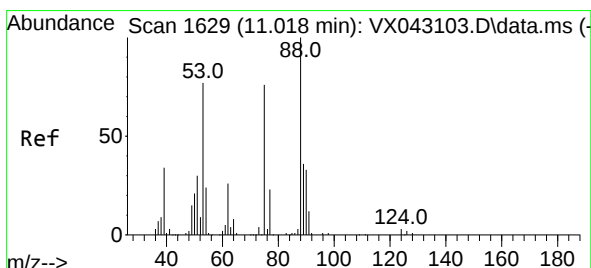
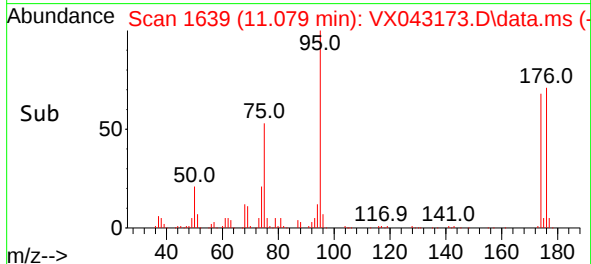
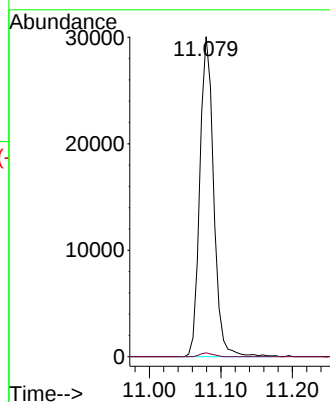
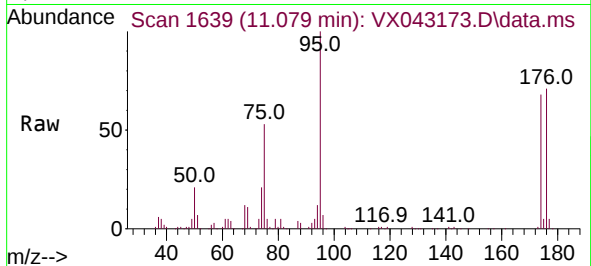




#76
1,2,3-Trichloropropane
Concen: 29.401 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

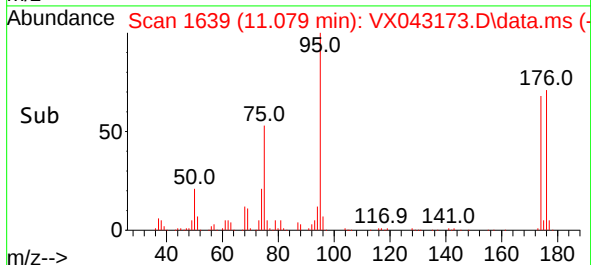
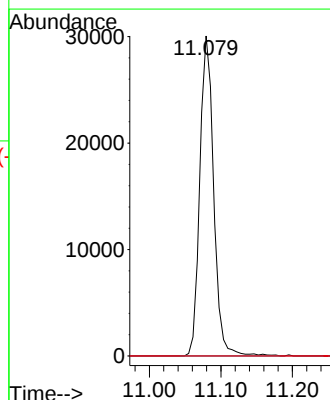
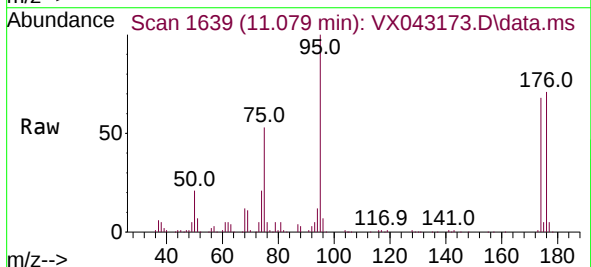
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20240925

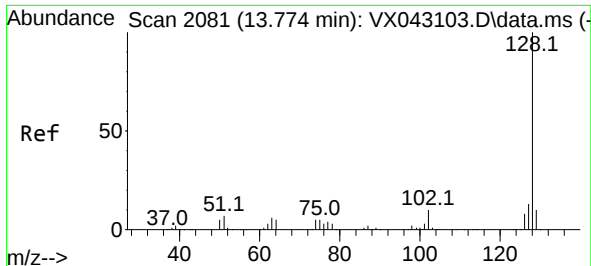
Tgt Ion: 75 Resp: 40495
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043173.D
Acq: 26 Sep 2024 13:15

Tgt Ion: 75 Resp: 40495
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 0.255 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX043173.D

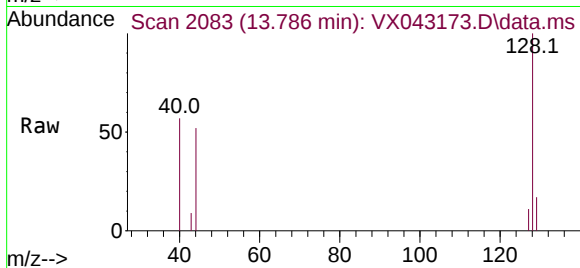
Acq: 26 Sep 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20240925



Tgt Ion:	128	Resp:	1150
Ion	Ratio	Lower	Upper
128	100		
127	4.3	10.2	15.4#
129	5.6	8.6	13.0#

