

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030835.D
 Acq On : 26 Aug 2022 19:24
 Operator : JC/MD
 Sample : N4278-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20220818

Quant Time: Aug 27 02:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

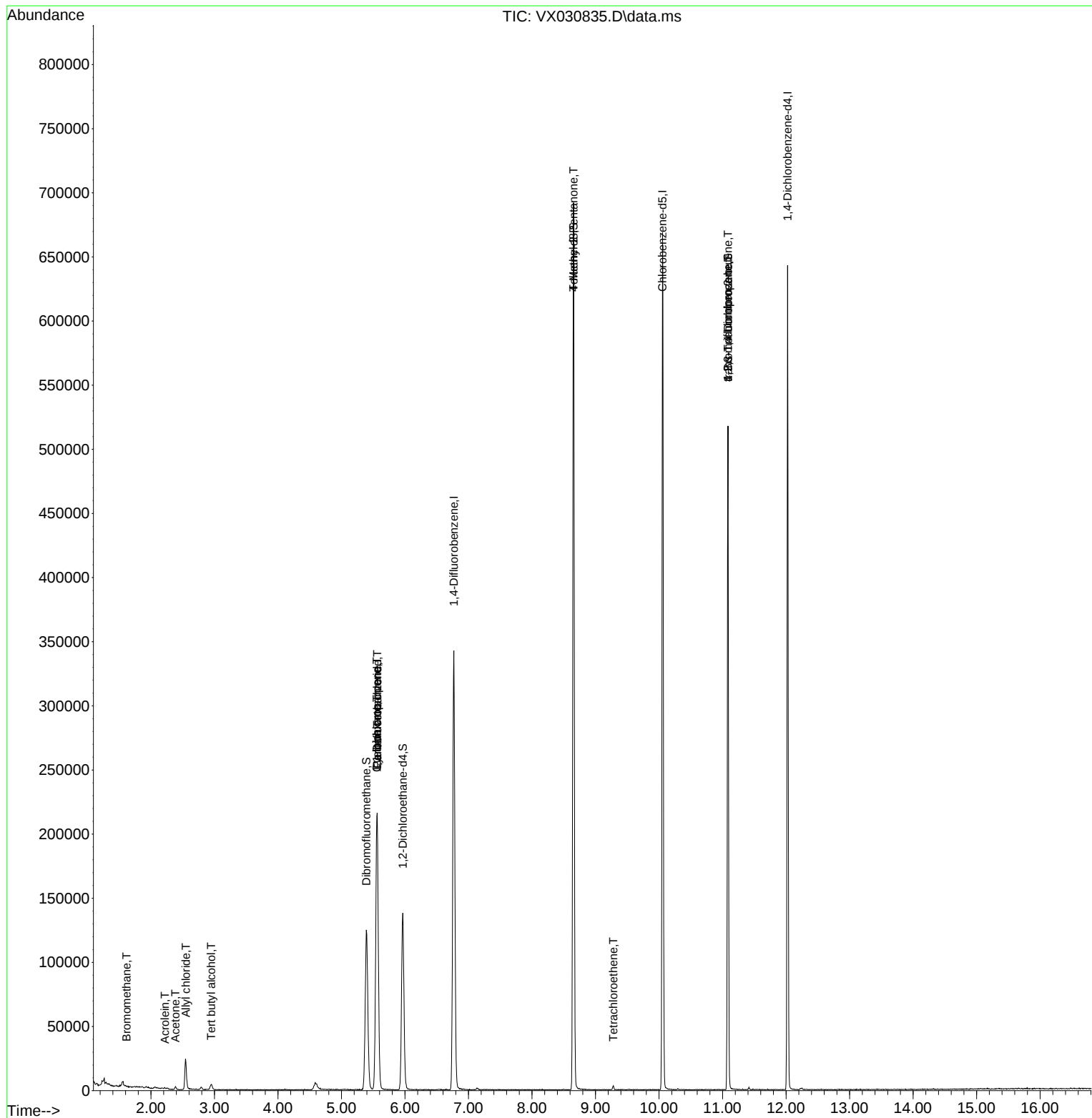
Internal Standards						
1) Pentafluorobenzene	5.562	168	205147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133118	55.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.340%
35) Dibromofluoromethane	5.391	113	110599	52.266	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	8.653	98	411434	55.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.600%
62) 4-Bromofluorobenzene	11.085	95	132162	48.142	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	331	Below Cal	#	83
5) Bromomethane	1.617	94	259	0.271	ug/l #	41
6) Chloroethane	1.672	64	36	Below Cal	#	41
11) Tert butyl alcohol	2.947	59	2347	4.480	ug/l #	74
13) Acrolein	2.221	56	34	10.123	ug/l #	14
14) Allyl chloride	2.550	41	2803	0.815	ug/l #	68
16) Acetone	2.386	43	2438	2.186	ug/l	88
17) Carbon Disulfide	2.501	76	199	Below Cal	#	74
20) Methylene Chloride	2.794	84	775	Below Cal	#	81
31) Cyclohexane	5.556	56	4310	1.397	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16707	5.798	ug/l #	49
38) Carbon Tetrachloride	5.562	117	20817	6.849	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1840	0.531	ug/l #	1
64) Tetrachloroethene	9.281	164	597	0.244	ug/l #	68
76) 1,2,3-Trichloropropane	11.085	75	67127	24.268	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	67127	78.298	ug/l #	13

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

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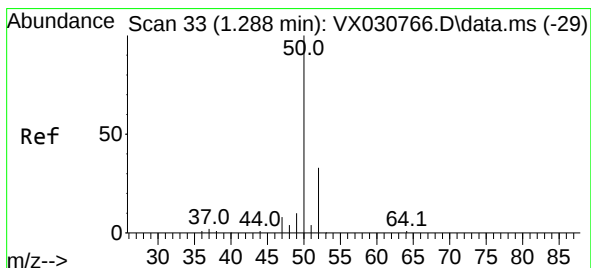
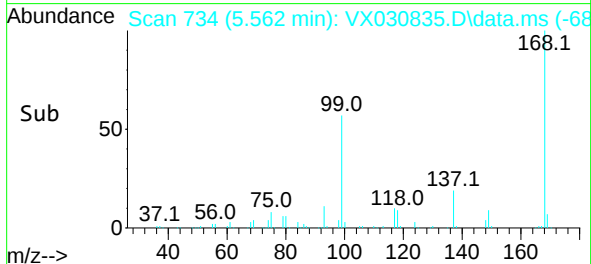
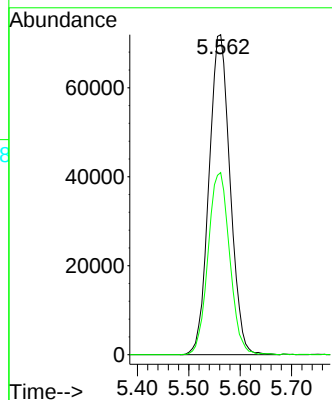
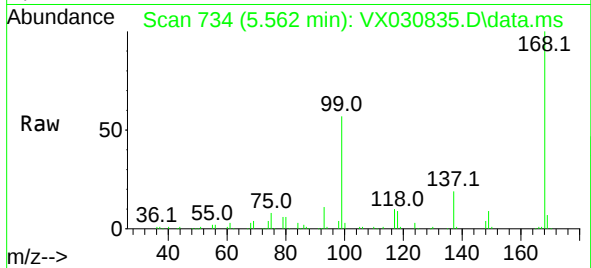




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

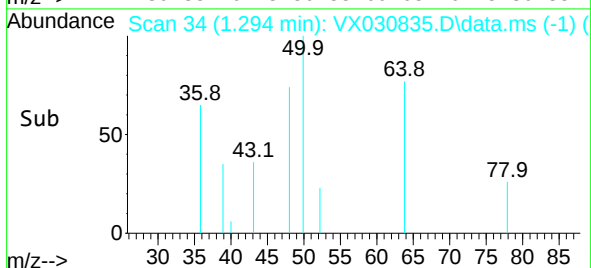
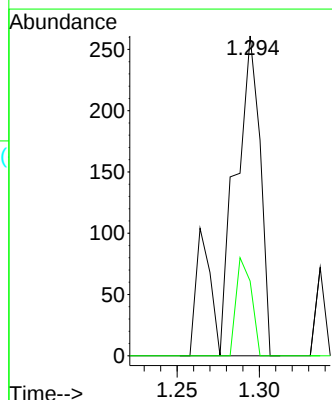
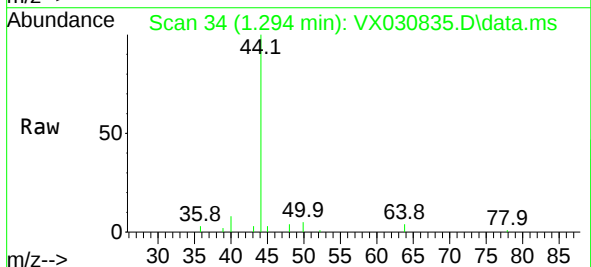
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

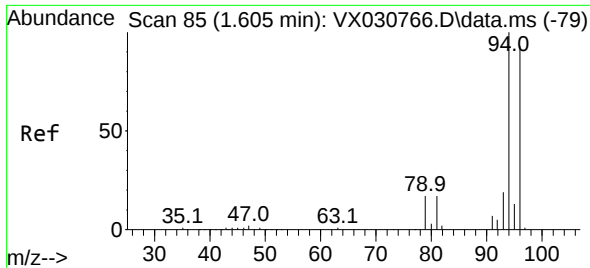
Tgt Ion:168 Resp: 205147
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 23.4 26.3 39.5#

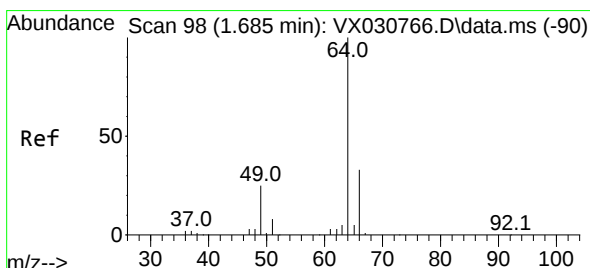
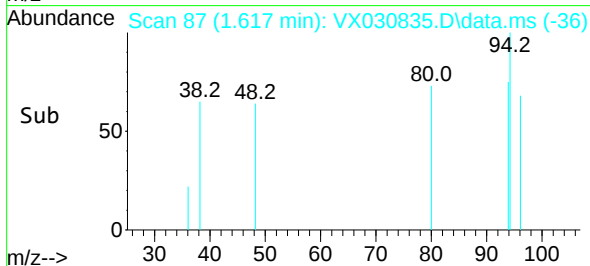
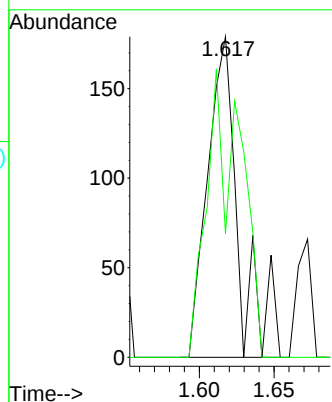
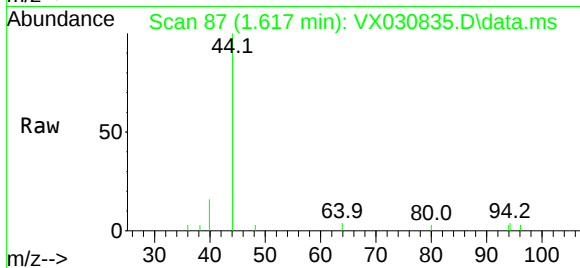




#5
Bromomethane
Concen: 0.271 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

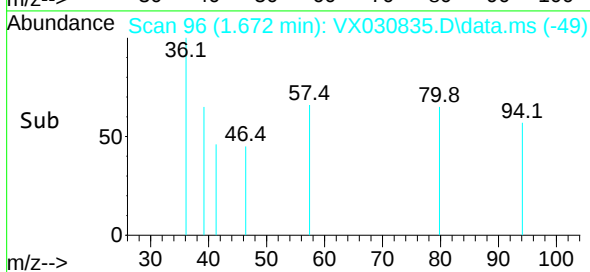
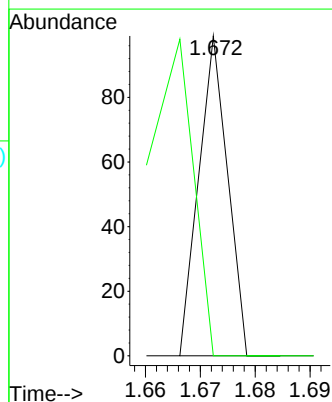
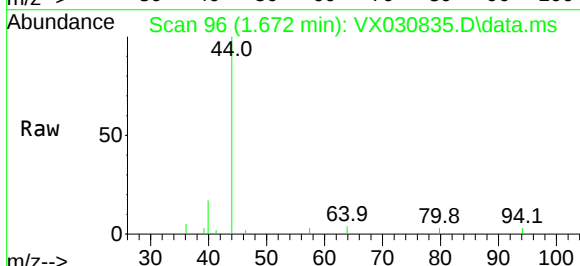
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

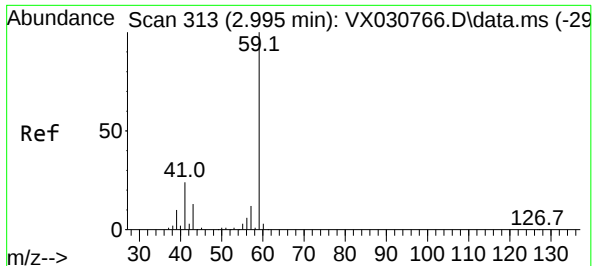
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 38.5 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 64 Resp: 36
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

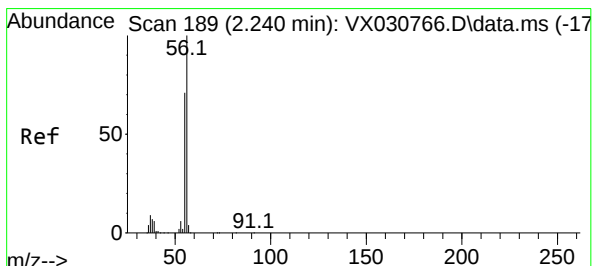
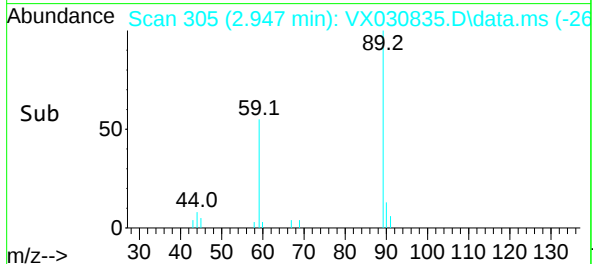
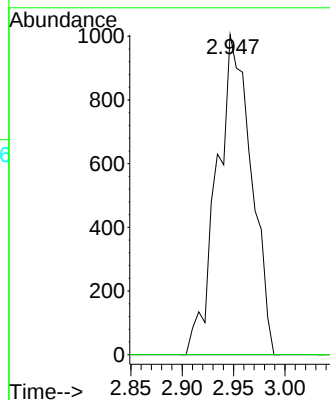
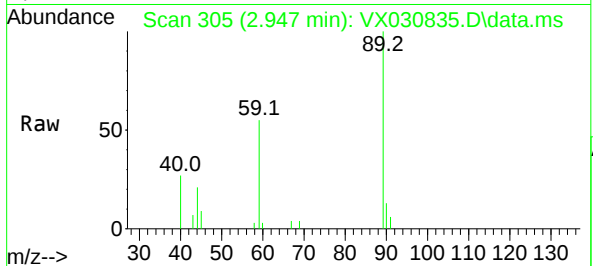




#11
Tert butyl alcohol
Concen: 4.480 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

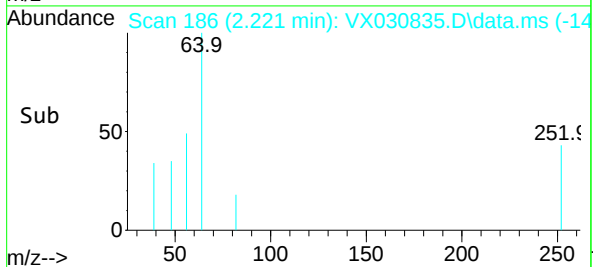
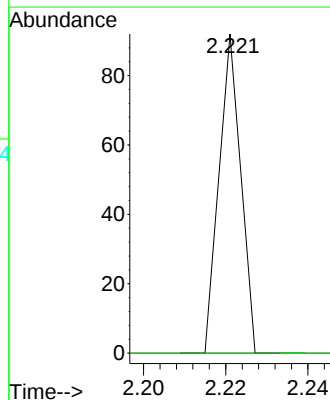
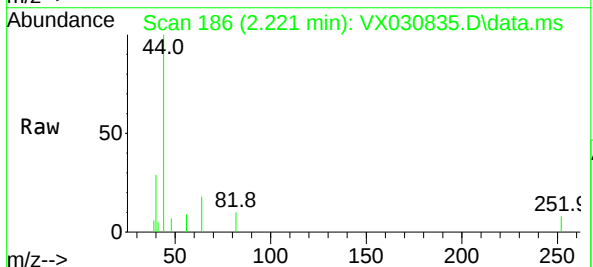
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

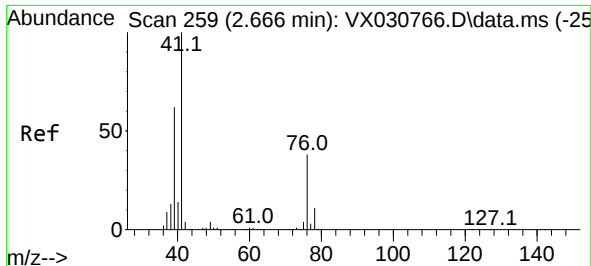
Tgt Ion: 59 Resp: 2347
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 10.123 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.019 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 56 Resp: 34
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

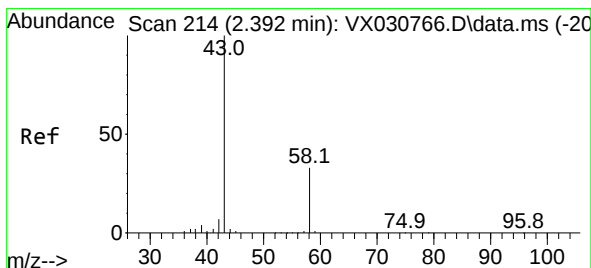
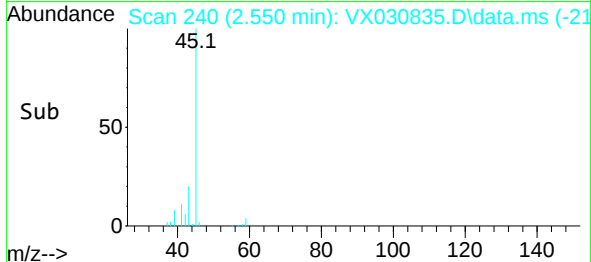
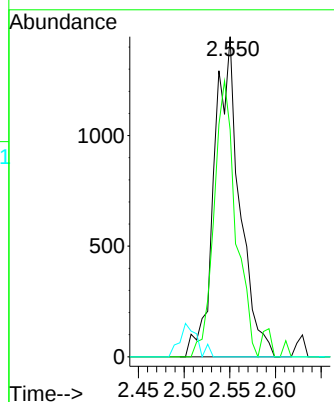
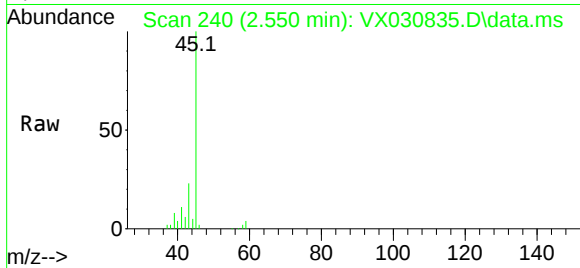




#14
 Allyl chloride
 Concen: 0.815 ug/l
 RT: 2.550 min Scan# 241
 Delta R.T. -0.116 min
 Lab File: VX030835.D
 Acq: 26 Aug 2022 19:24

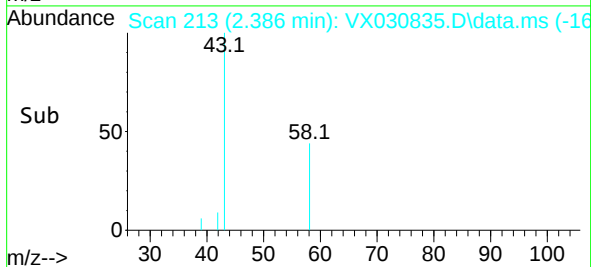
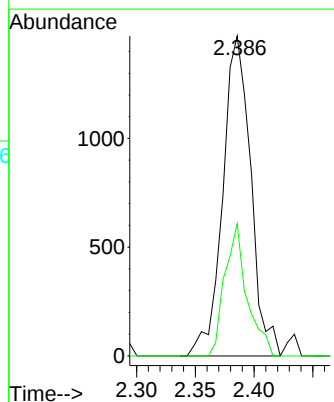
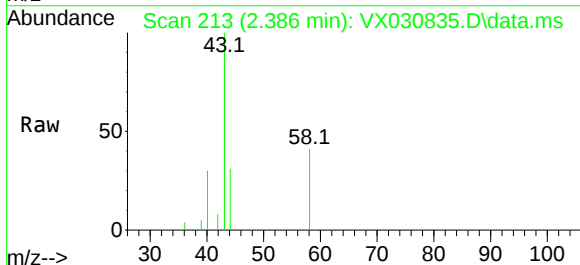
Instrument :
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 ClientSampleId :
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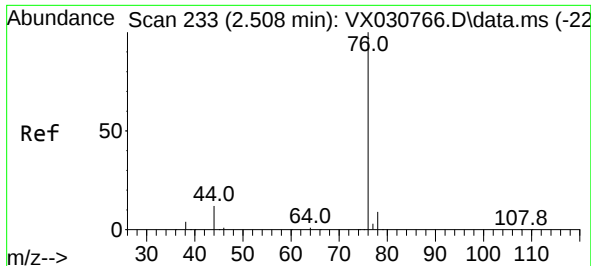
Tgt Ion: 41 Resp: 2803
 Ion Ratio Lower Upper
 41 100
 39 73.8 48.9 73.3#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 2.186 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX030835.D
 Acq: 26 Aug 2022 19:24

Tgt Ion: 43 Resp: 2438
 Ion Ratio Lower Upper
 43 100
 58 41.3 27.7 41.5

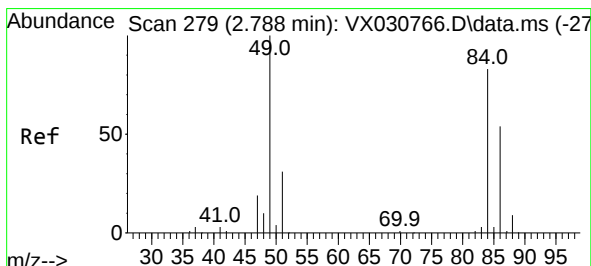
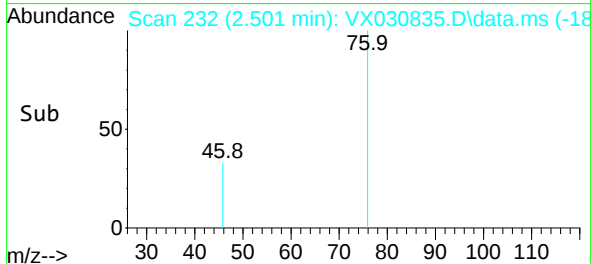
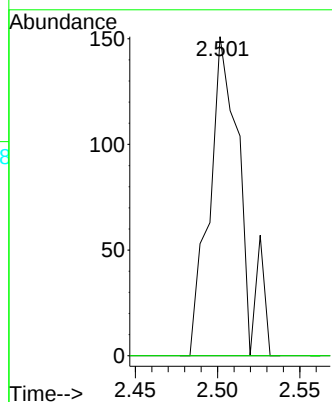
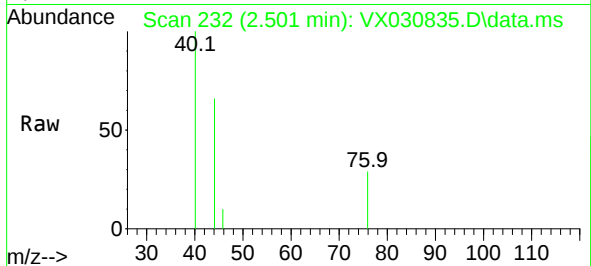




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.501 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

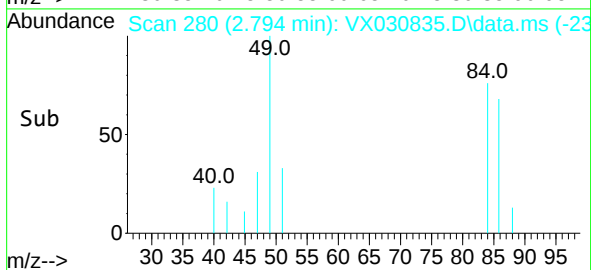
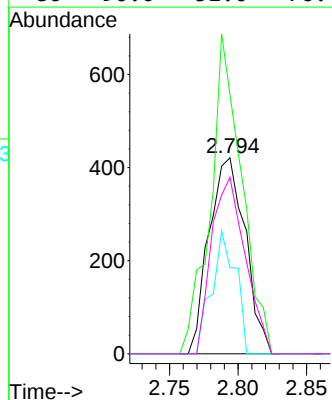
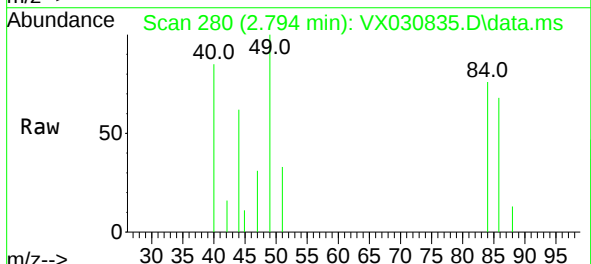
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

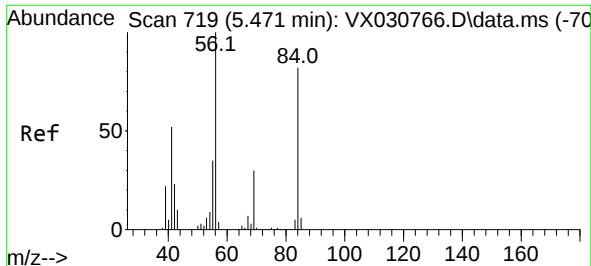
Tgt Ion: 76 Resp: 199
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

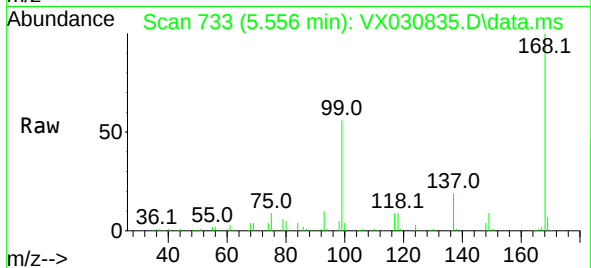
Tgt Ion: 84 Resp: 775
Ion Ratio Lower Upper
84 100
49 132.3 93.8 140.6
51 43.9 29.4 44.0
86 90.0 51.0 76.4#



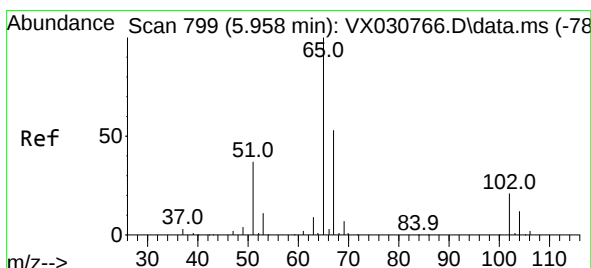
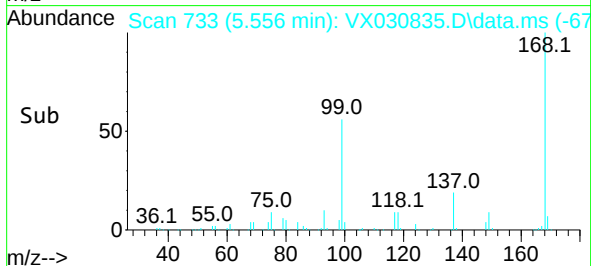
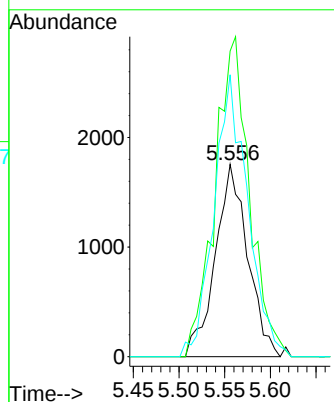


#31
Cyclohexane
Concen: 1.397 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
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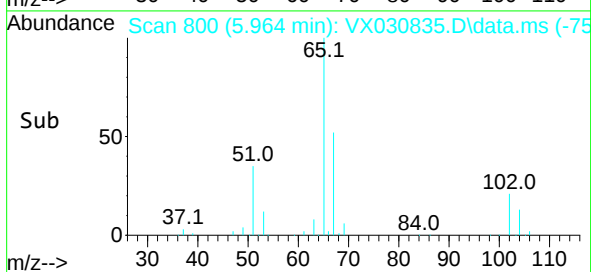
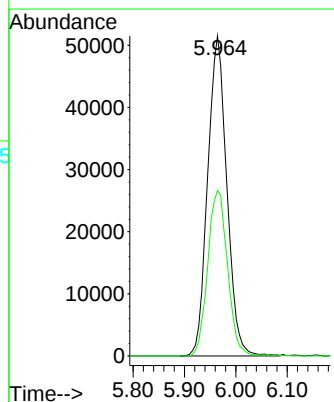
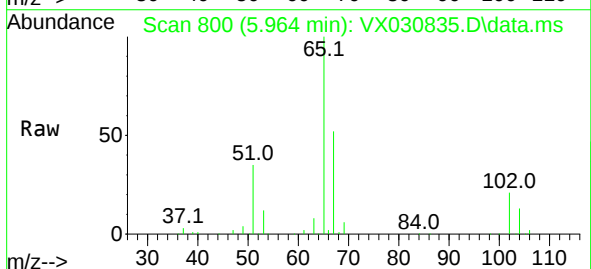


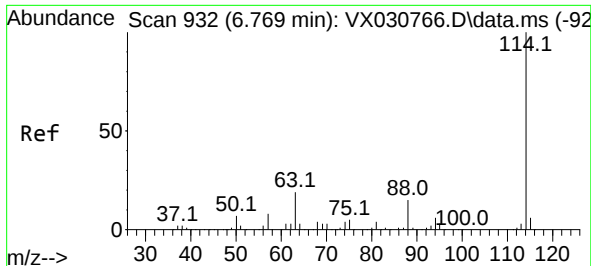
Tgt Ion: 56 Resp: 4310
Ion Ratio Lower Upper
56 100
69 158.9 25.4 38.0#
84 146.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.165 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 65 Resp: 133118
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

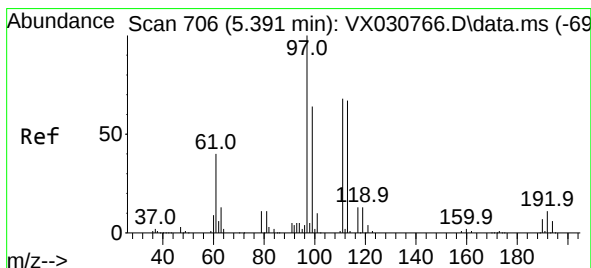
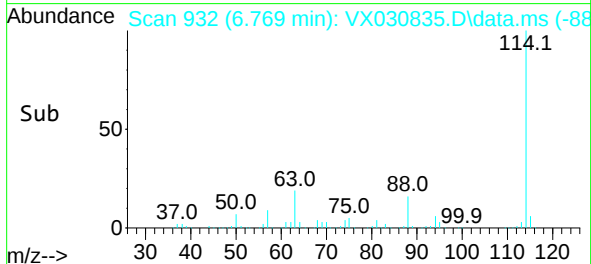
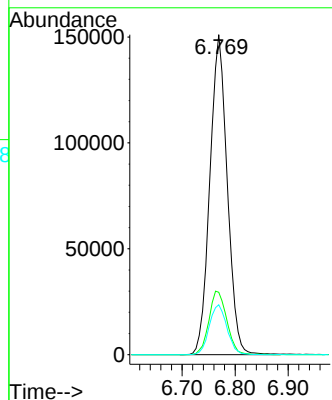
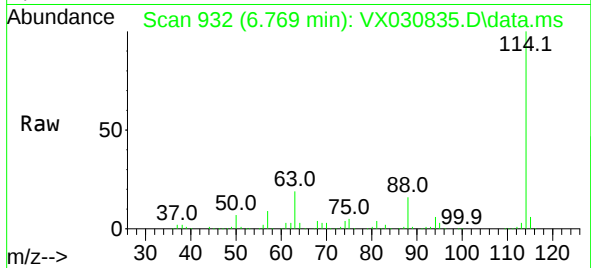




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

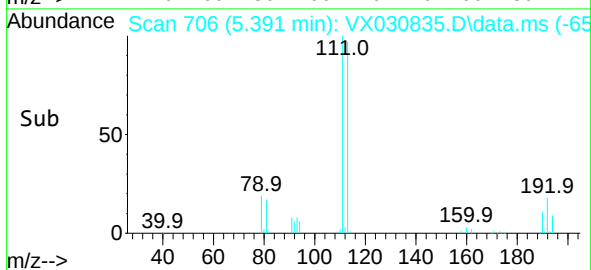
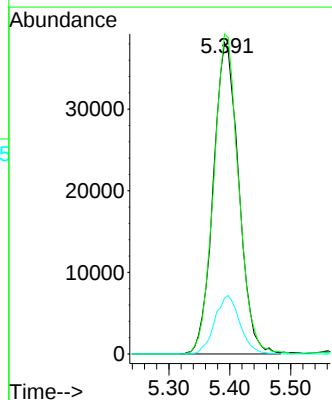
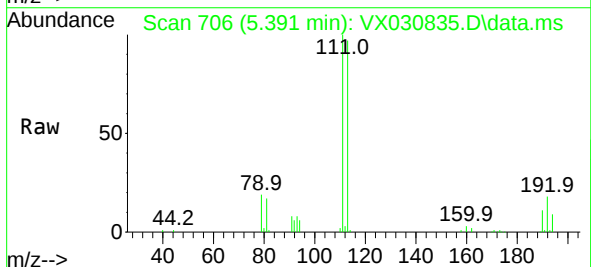
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

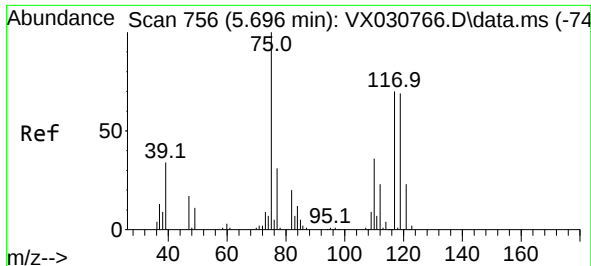
Tgt Ion:114 Resp: 344309
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.4
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.266 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion:113 Resp: 110599
Ion Ratio Lower Upper
113 100
111 100.7 83.2 124.8
192 18.6 14.8 22.2

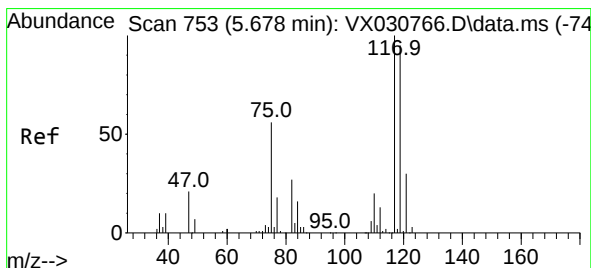
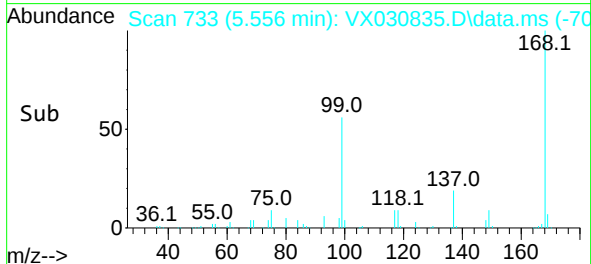
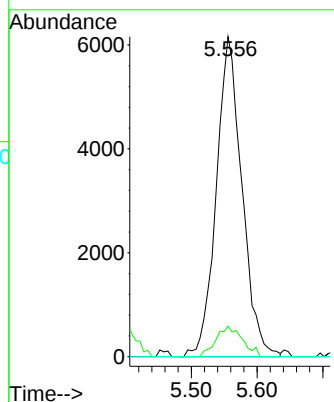
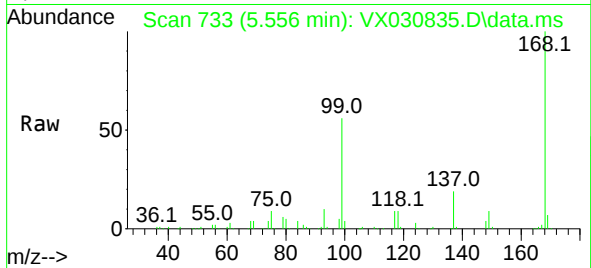




#36
1,1-Dichloropropene
Concen: 5.798 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

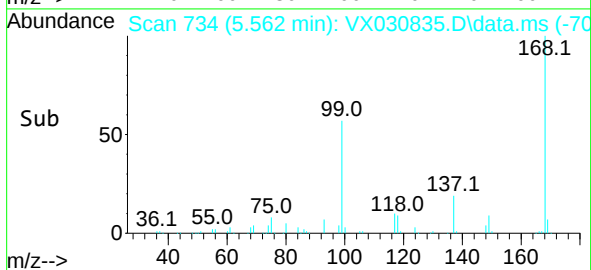
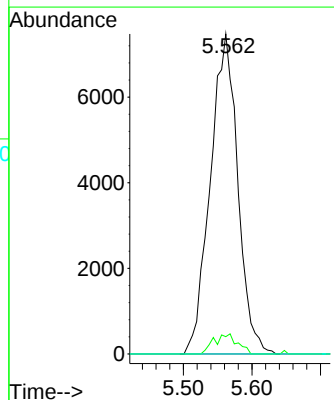
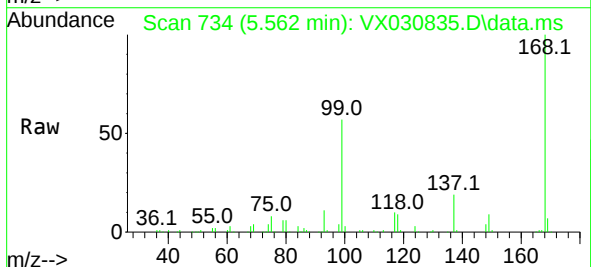
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

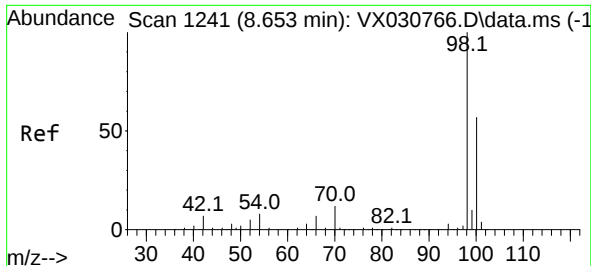
Tgt Ion: 75 Resp: 16707
Ion Ratio Lower Upper
75 100
110 9.7 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.849 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 117 Resp: 20817
Ion Ratio Lower Upper
117 100
119 5.4 74.1 111.1#
121 0.0 25.8 38.8#

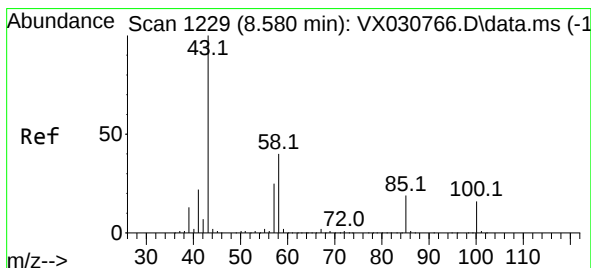
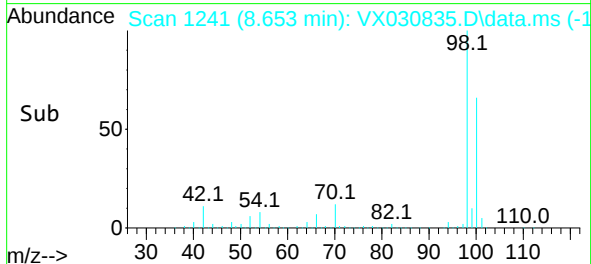
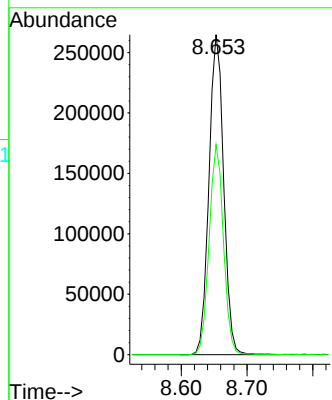
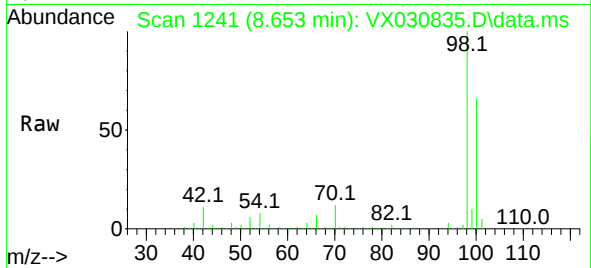




#50
Toluene-d8
Concen: 55.797 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

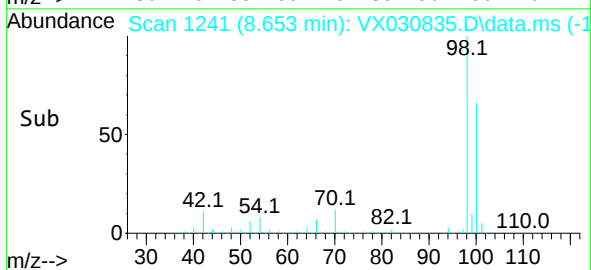
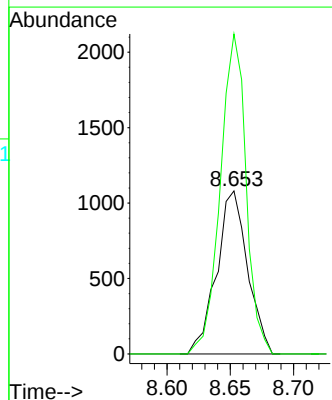
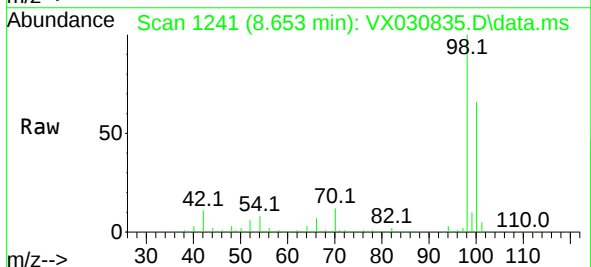
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

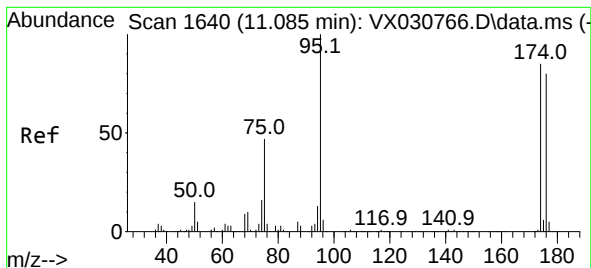
Tgt Ion: 98 Resp: 411434
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 43 Resp: 1840
Ion Ratio Lower Upper
43 100
58 163.2 31.4 47.2

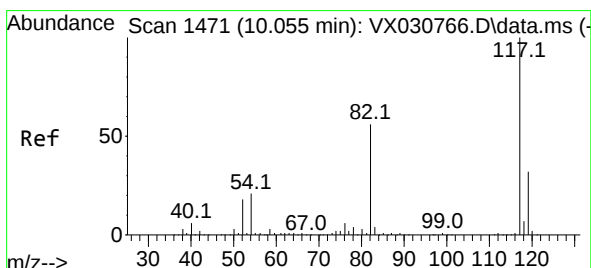
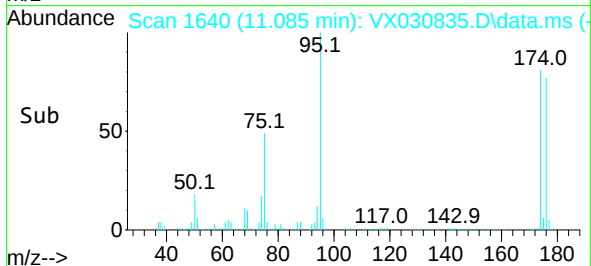
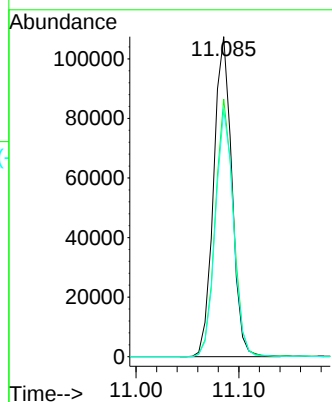
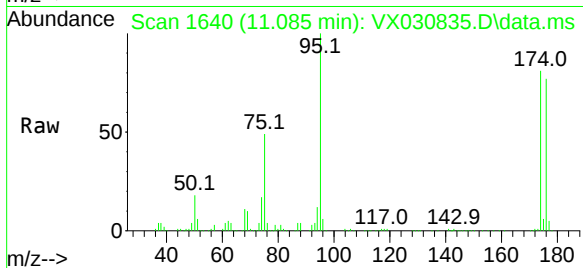




#62
4-Bromofluorobenzene
Concen: 48.142 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

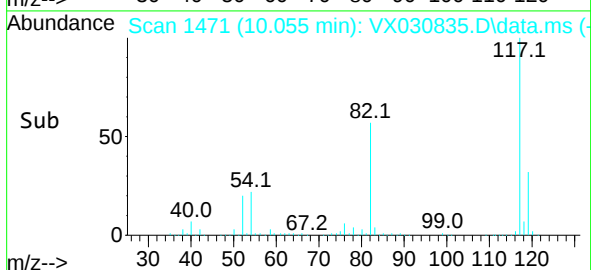
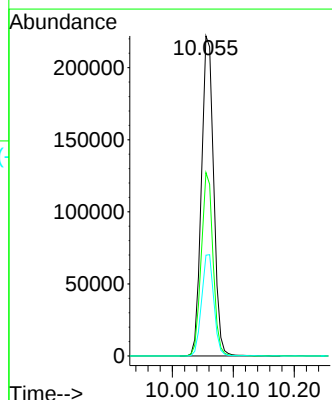
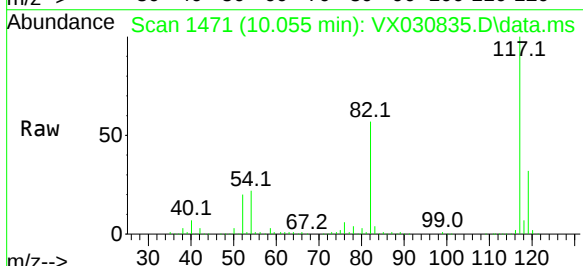
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

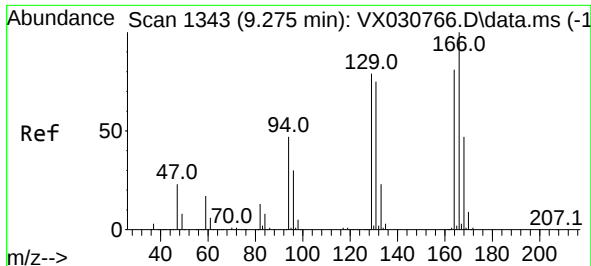
Tgt Ion: 95 Resp: 132162
Ion Ratio Lower Upper
95 100
174 79.8 0.0 149.0
176 76.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 117 Resp: 310234
Ion Ratio Lower Upper
117 100
82 57.3 42.7 64.1
119 31.5 25.4 38.2

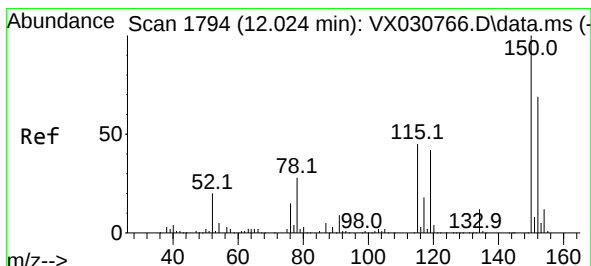
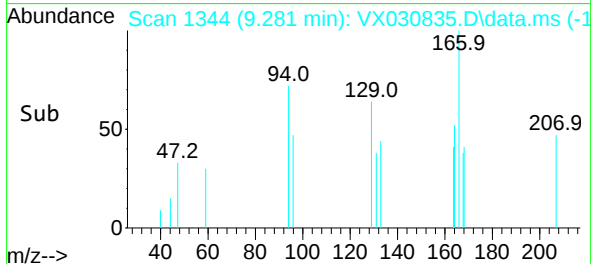
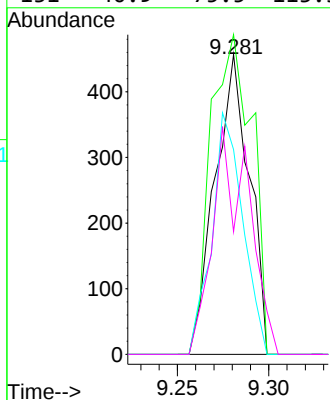
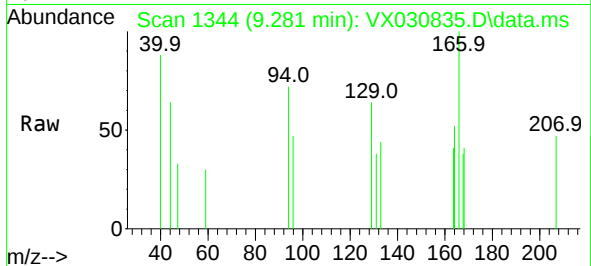




#64
Tetrachloroethene
Concen: 0.244 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

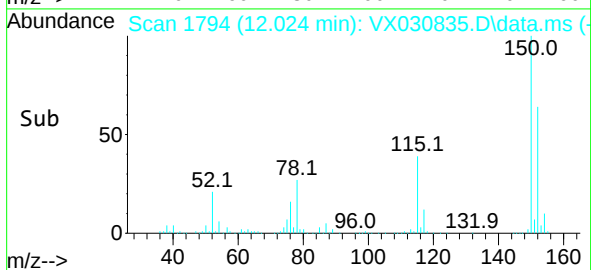
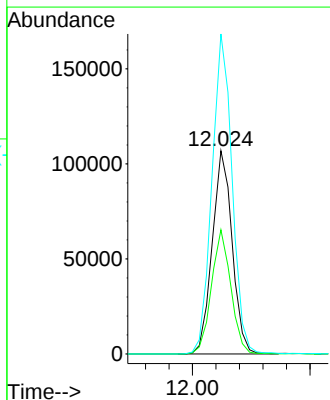
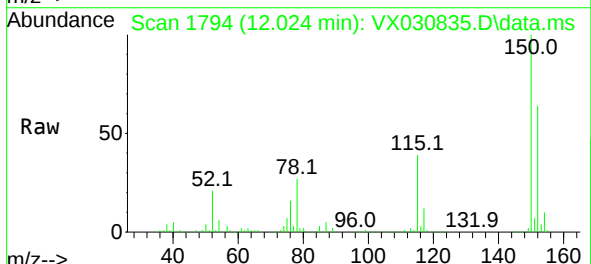
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

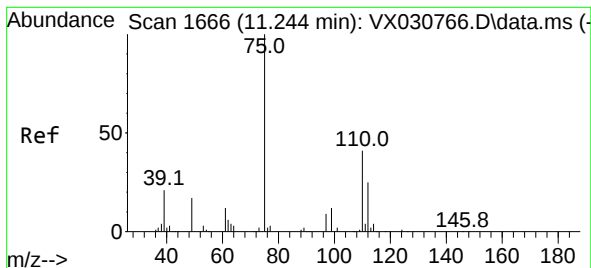
Tgt Ion:164 Resp: 597
Ion Ratio Lower Upper
164 100
166 106.6 98.2 147.4
129 68.3 80.8 121.2#
131 40.9 75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion:152 Resp: 126256
Ion Ratio Lower Upper
152 100
115 59.4 40.5 121.5
150 159.1 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 24.268 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX030835.D

Acq: 26 Aug 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

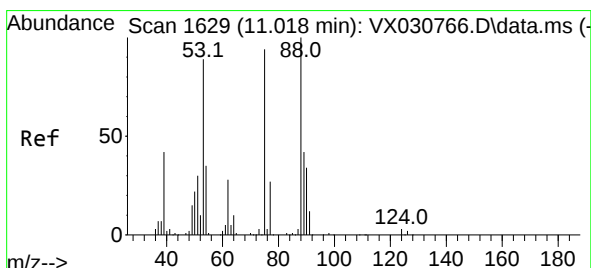
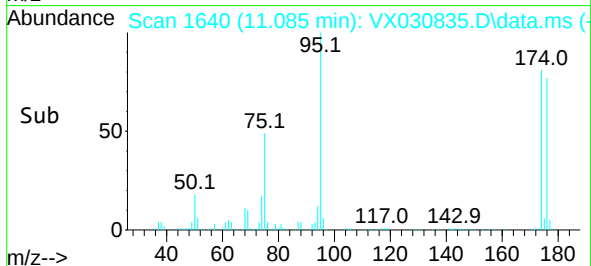
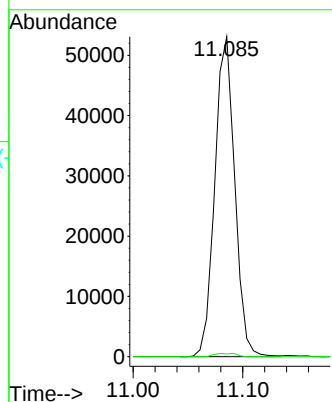
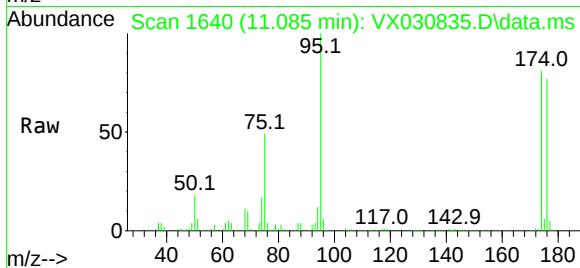
BP-TB-20220818

Tgt Ion: 75 Resp: 67127

Ion Ratio Lower Upper

75 100

77 1.1 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.298 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX030835.D

Acq: 26 Aug 2022 19:24

Tgt Ion: 75 Resp: 67127

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

