

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029246.D
 Acq On : 06 Jun 2022 18:17
 Operator : JC/MD
 Sample : N3040-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220524RE

Quant Time: Jun 07 06:06:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

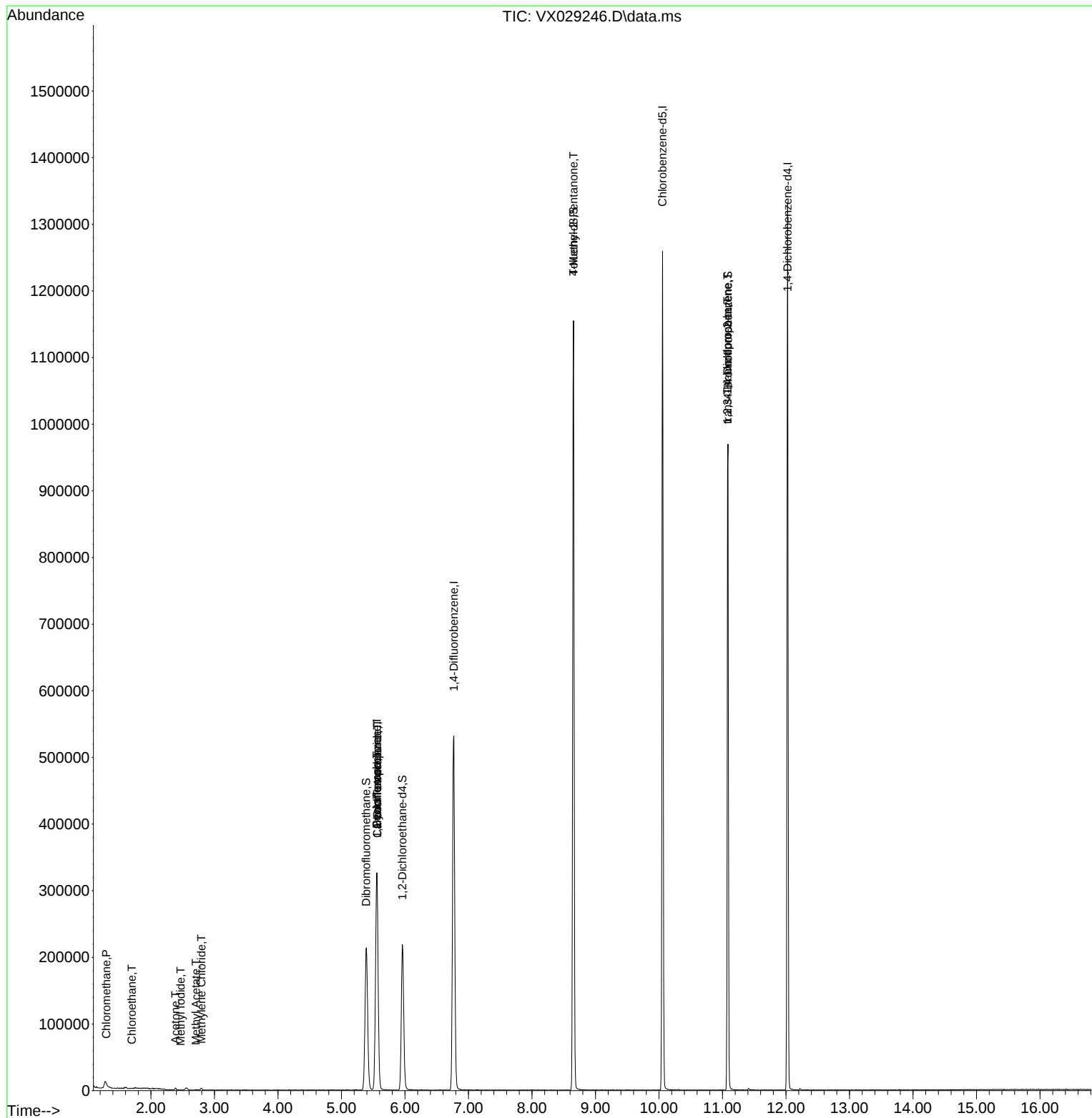
Internal Standards						
1) Pentafluorobenzene	5.556	168	304360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	572370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	563549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210631	61.371	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.740%	
35) Dibromofluoromethane	5.385	113	191104	50.267	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.540%	
50) Toluene-d8	8.653	98	681541	49.015	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	11.085	95	275364	51.231	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	941	0.340	ug/l	97
5) Bromomethane	1.612	94	643	Below Cal		99
6) Chloroethane	1.697	64	899	1.732	ug/l #	43
10) Methyl Iodide	2.465	142	218	4.285	ug/l #	66
16) Acetone	2.386	43	2724	2.016	ug/l	92
18) Methyl Acetate	2.709	43	857	0.245	ug/l #	86
20) Methylene Chloride	2.794	84	1404	0.446	ug/l #	82
31) Cyclohexane	5.556	56	6066	1.359	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	24137	4.934	ug/l #	50
38) Carbon Tetrachloride	5.562	117	32910	5.887	ug/l #	15
44) Trichloroethene	7.123	130	79	Below Cal		99
51) 4-Methyl-2-Pentanone	8.653	43	2431	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	135762	25.464	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	135762	74.708	ug/l #	15

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
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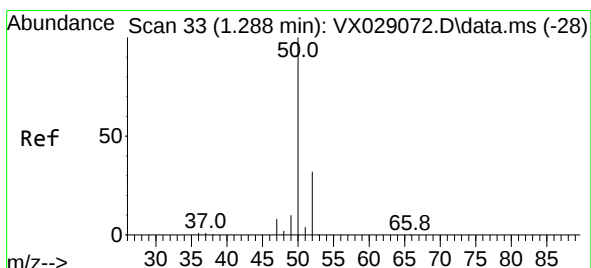
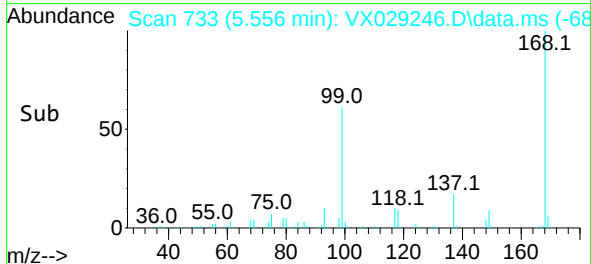
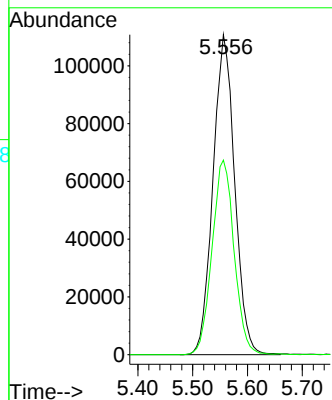
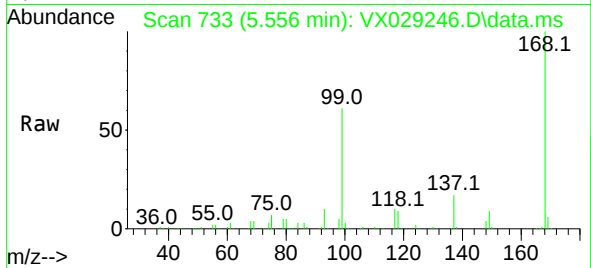




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

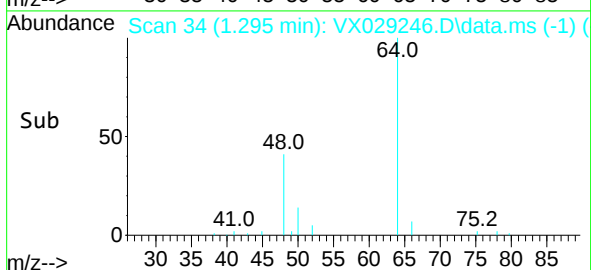
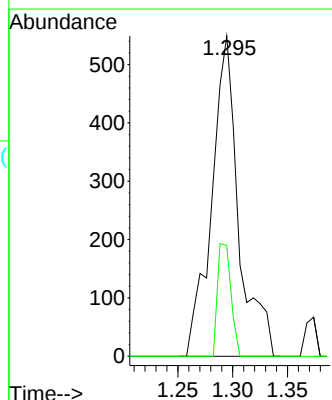
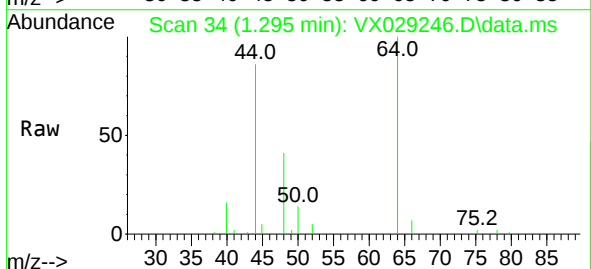
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524RE

Tgt Ion:168 Resp: 304360
Ion Ratio Lower Upper
168 100
99 60.8 41.7 62.5



#3
Chloromethane
Concen: 0.340 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 50 Resp: 941
Ion Ratio Lower Upper
50 100
52 34.6 26.4 39.6

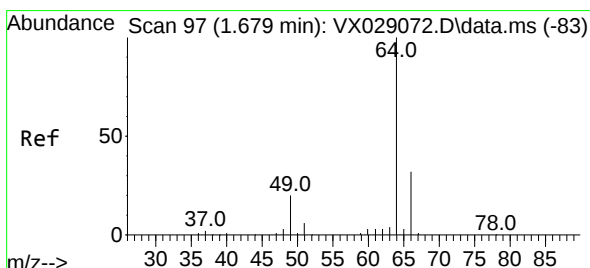
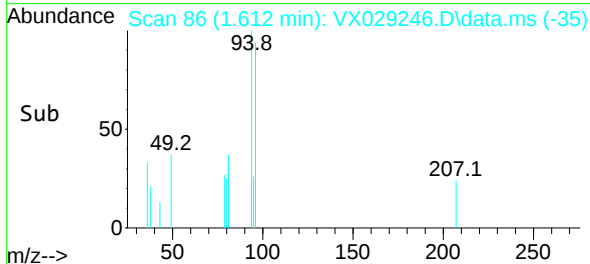
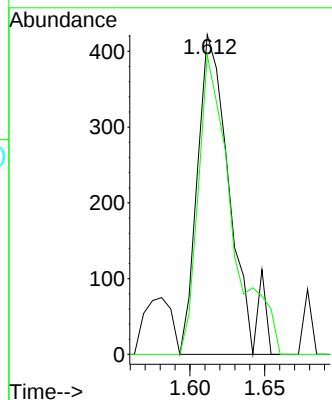
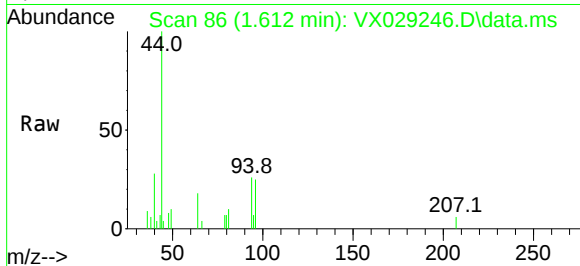




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

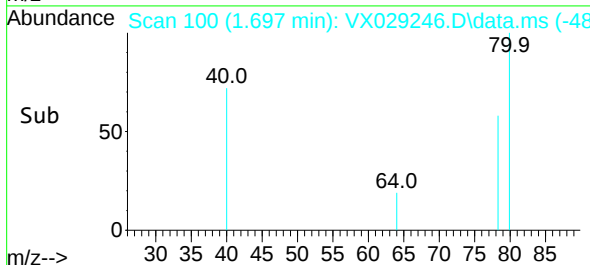
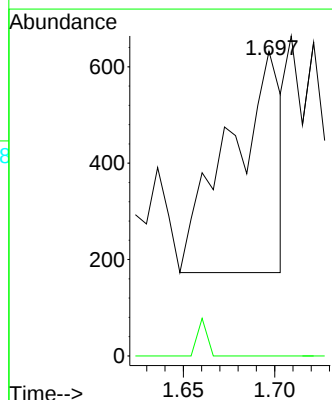
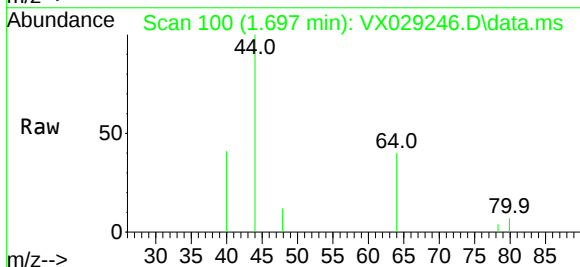
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524RE

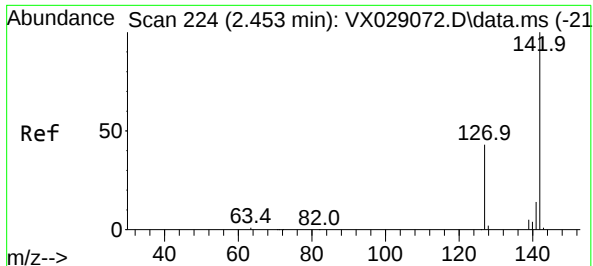
Tgt Ion: 94 Resp: 643
Ion Ratio Lower Upper
94 100
96 93.6 75.3 112.9



#6
Chloroethane
Concen: 1.732 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 64 Resp: 899
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

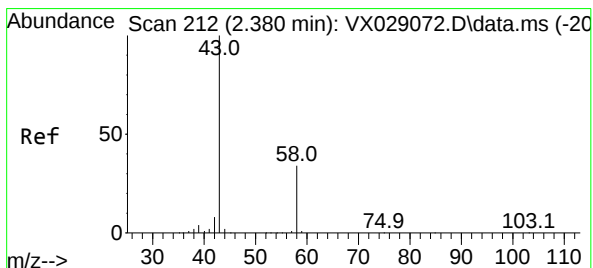
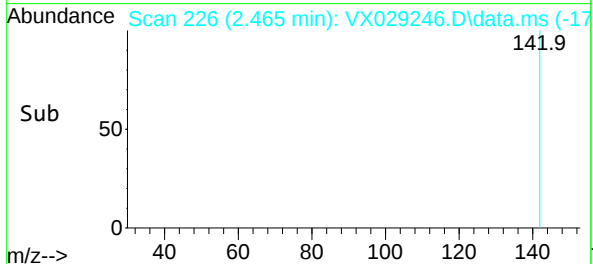
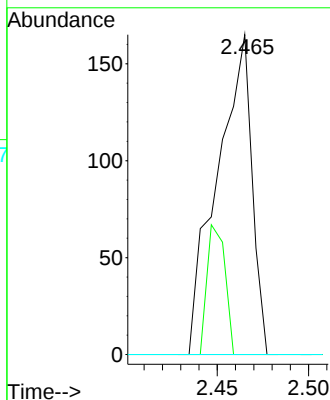
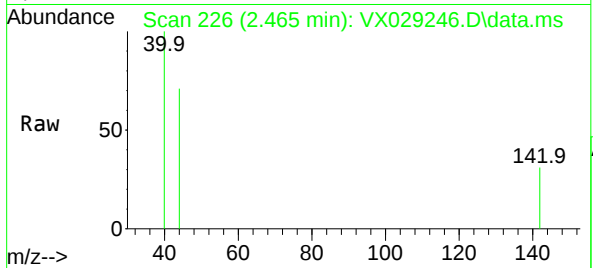




#10
Methyl Iodide
Concen: 4.285 ug/l
RT: 2.465 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

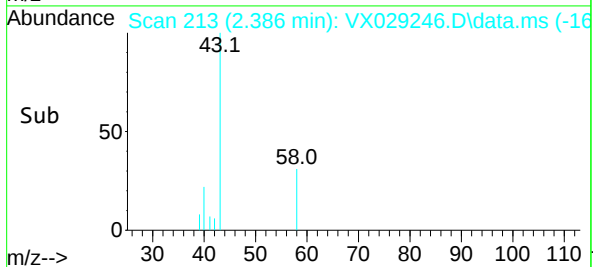
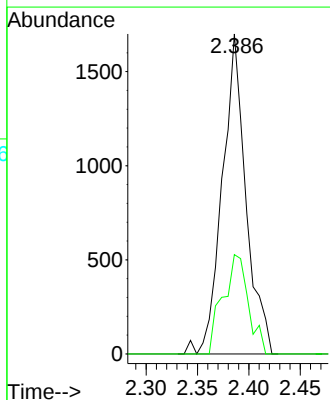
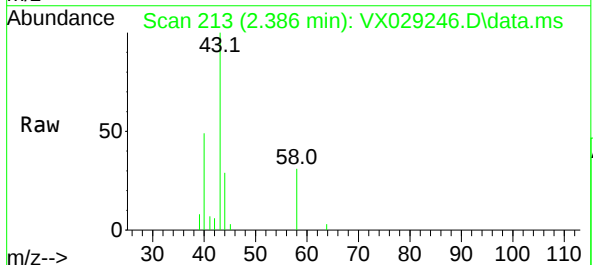
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524RE

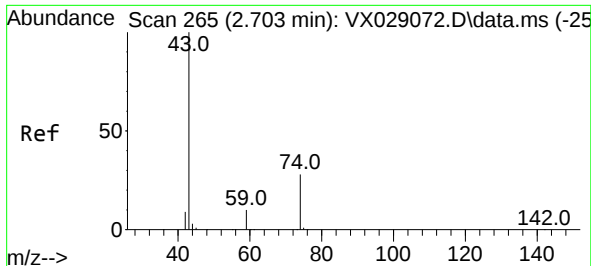
Tgt Ion:142 Resp: 218
Ion Ratio Lower Upper
142 100
127 21.1 33.9 50.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 2.016 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 43 Resp: 2724
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2

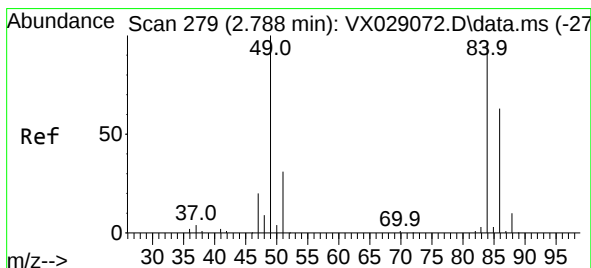
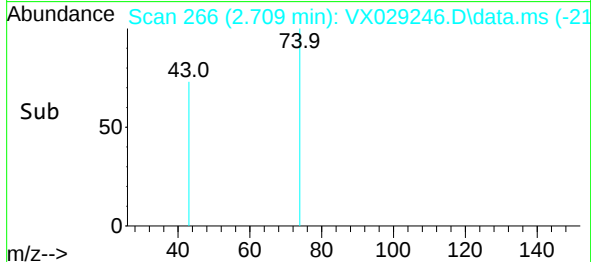
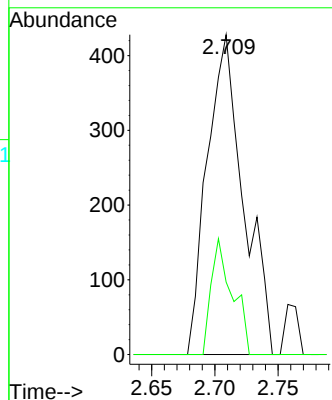
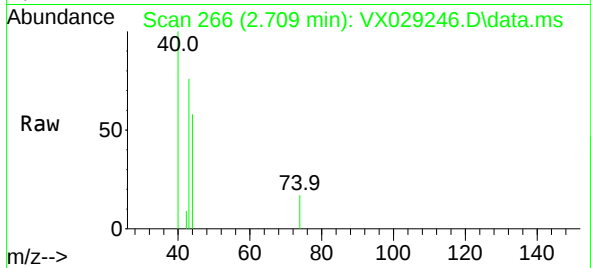




#18
Methyl Acetate
Concen: 0.245 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

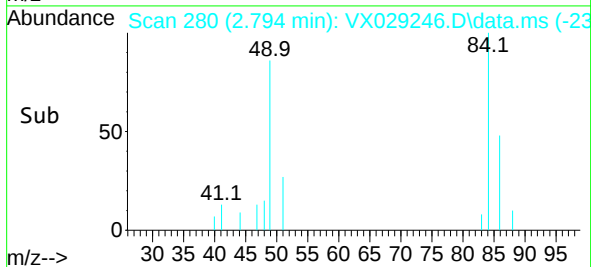
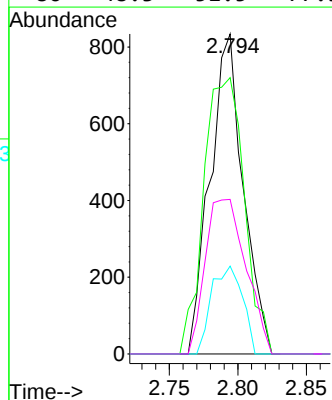
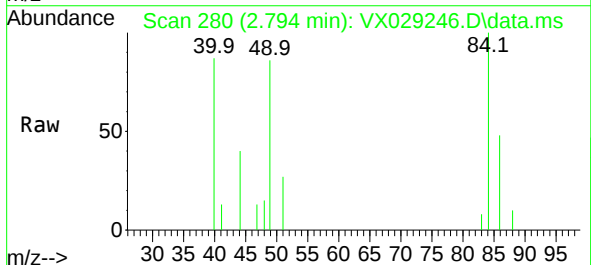
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ClientSampleId :
BP-TT-TB-20220524RE

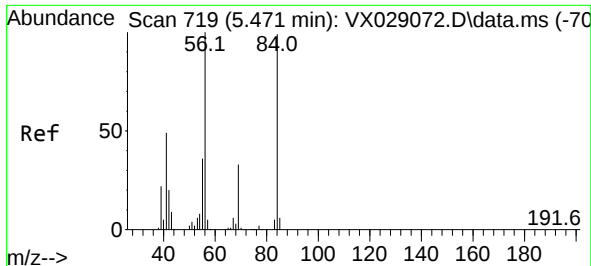
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
74 21.1 22.8 34.2#



#20
Methylene Chloride
Concen: 0.446 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 84 Resp: 1404
Ion Ratio Lower Upper
84 100
49 86.3 85.5 128.3
51 27.5 26.6 39.8
86 48.3 51.5 77.3#

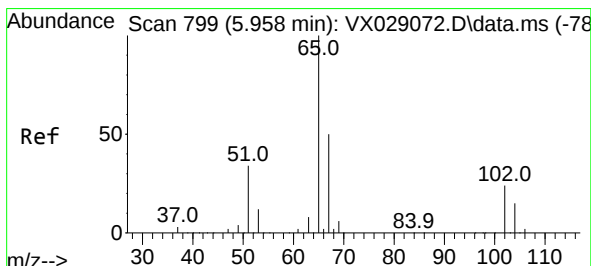
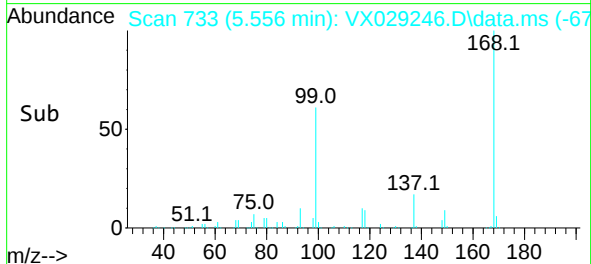
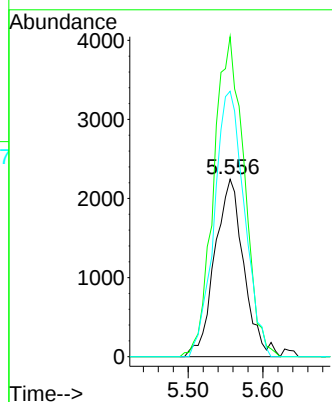
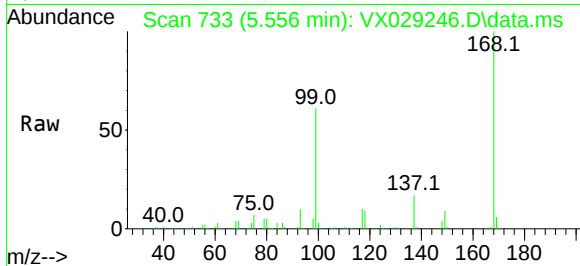




#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

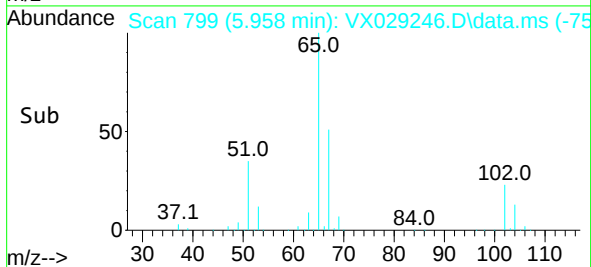
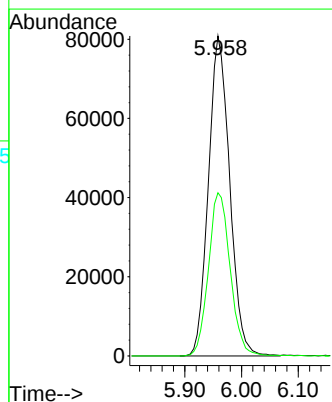
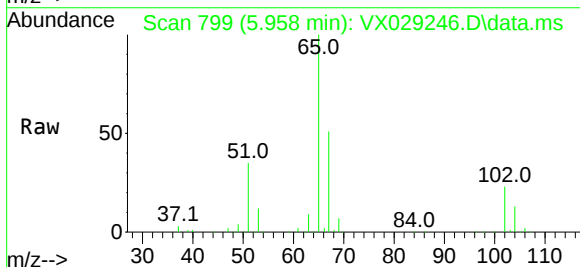
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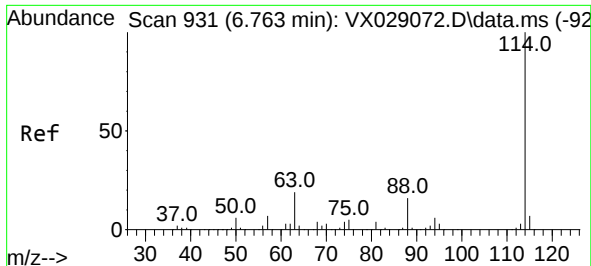
Tgt Ion: 56 Resp: 6066
Ion Ratio Lower Upper
56 100
69 180.3 26.7 40.1#
84 149.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 61.371 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 65 Resp: 210631
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

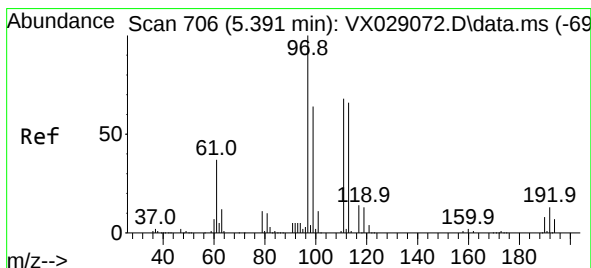
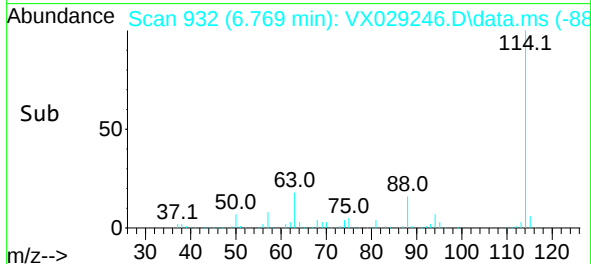
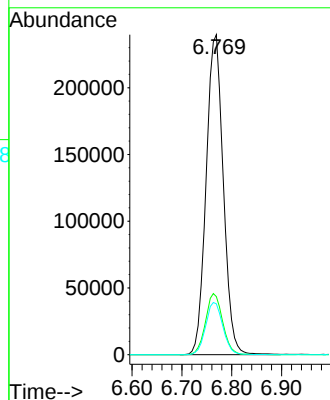
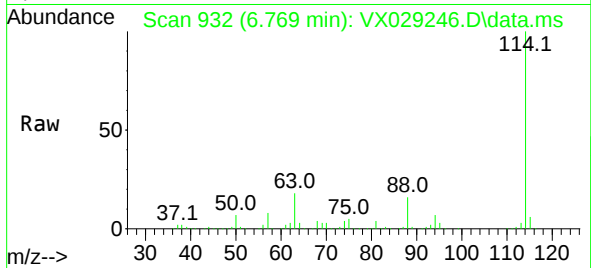




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

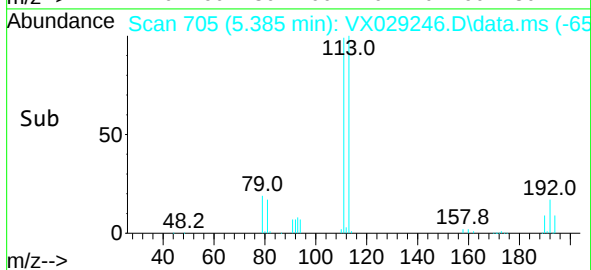
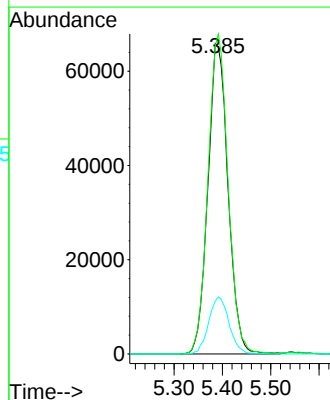
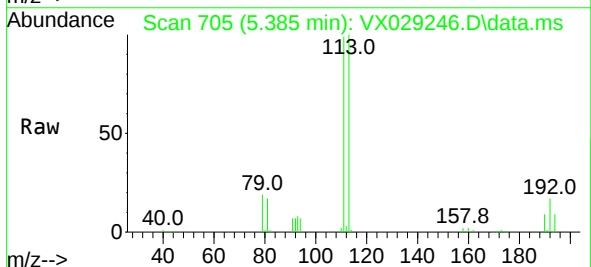
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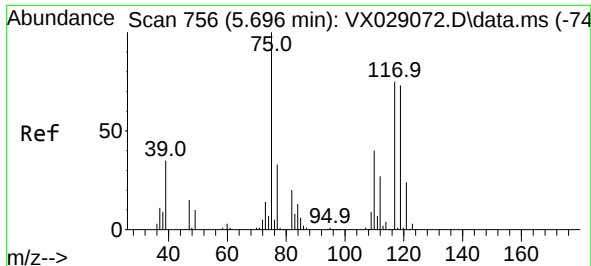
Tgt Ion:114 Resp: 572370
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion:113 Resp: 191104
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.6 16.9 25.3

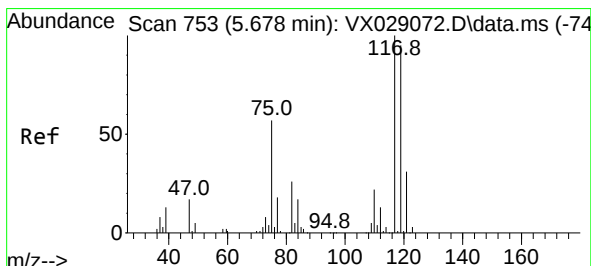
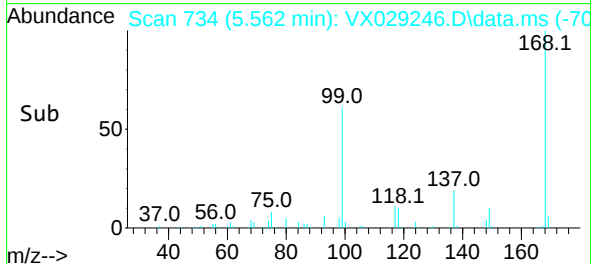
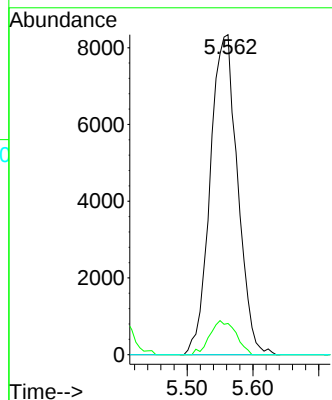
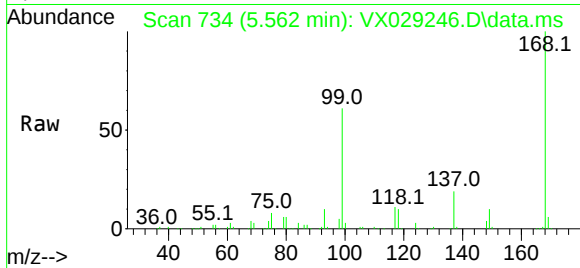




#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

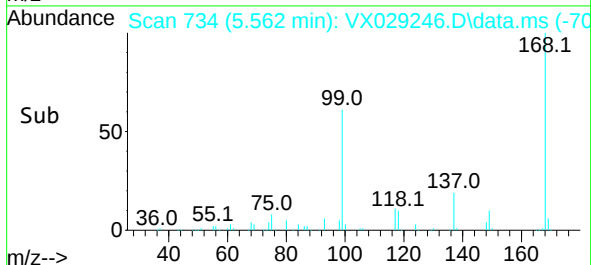
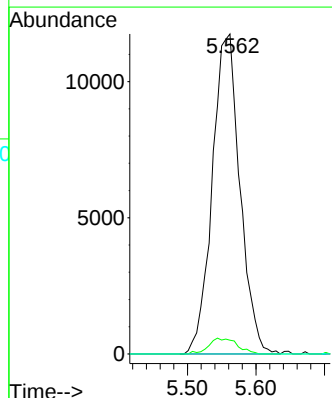
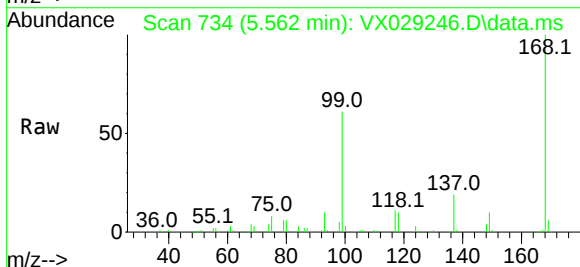
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524RE

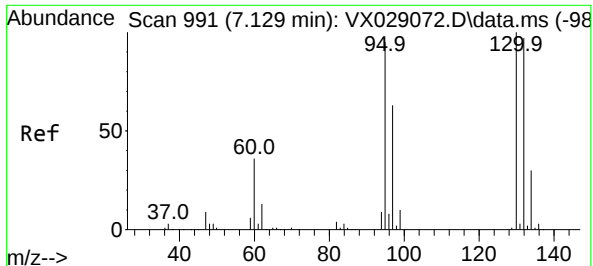
Tgt Ion: 75 Resp: 24137
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 117 Resp: 32910
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

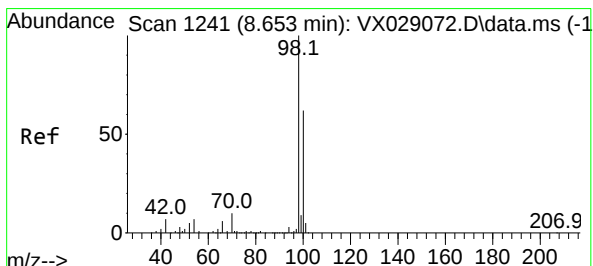
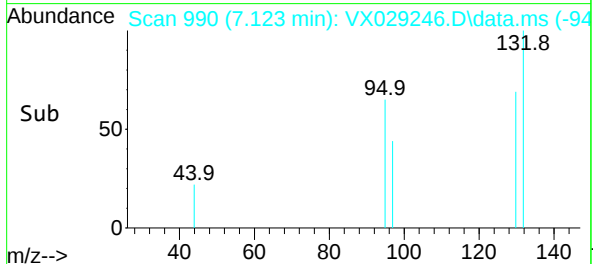
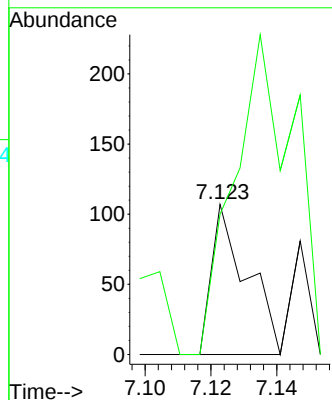
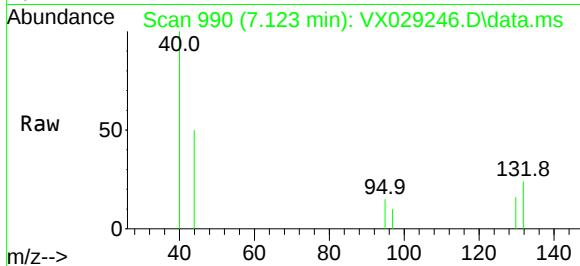




#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

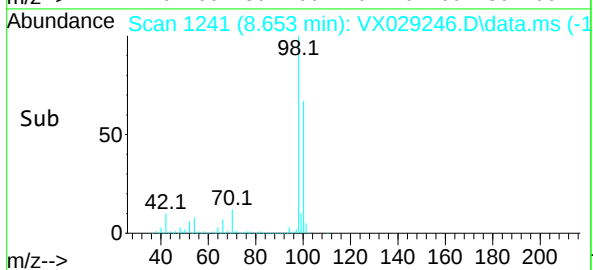
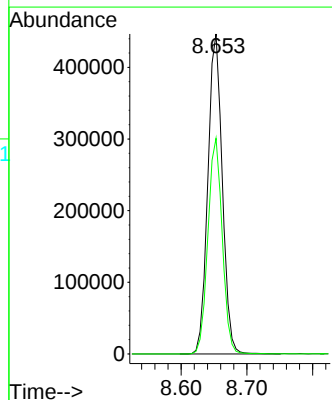
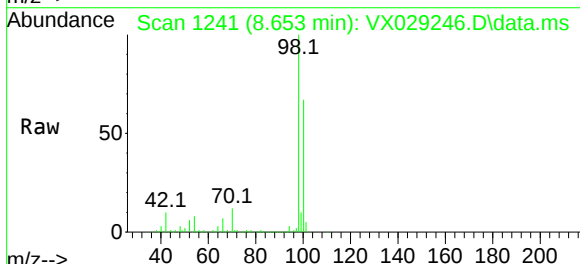
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524RE

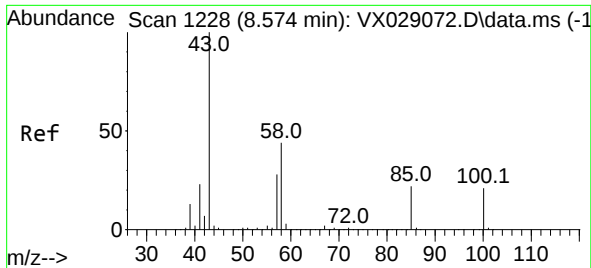
Tgt Ion:130 Resp: 79
Ion Ratio Lower Upper
130 100
95 93.5 0.0 188.8



#50
Toluene-d8
Concen: 49.015 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 98 Resp: 681541
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

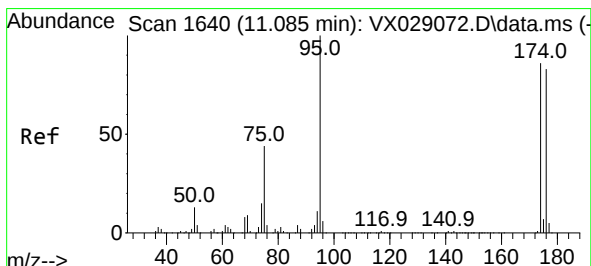
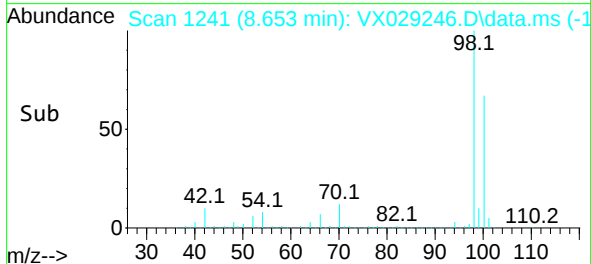
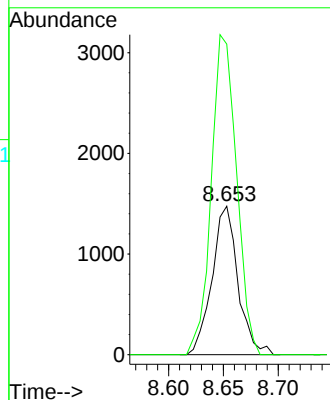
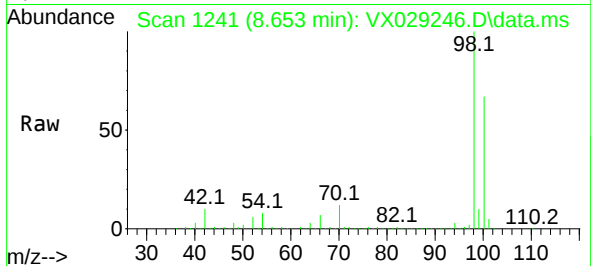




#51
4-Methyl-2-Pentanone
Concen: 0.493 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

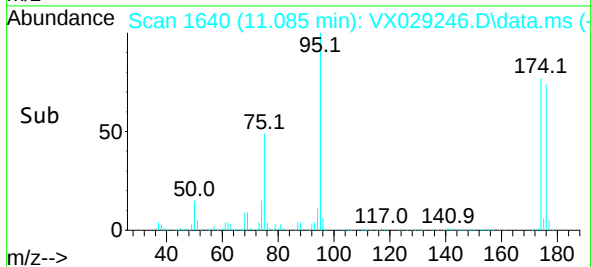
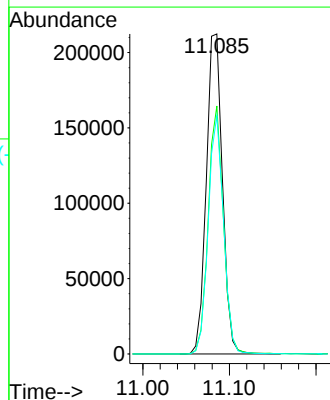
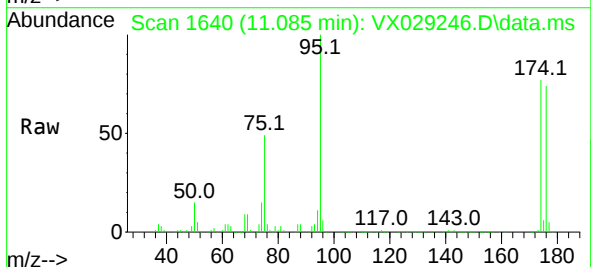
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524RE

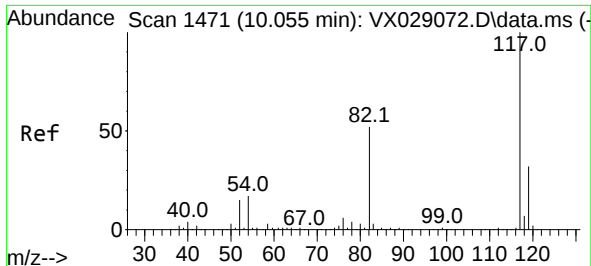
Tgt Ion: 43 Resp: 2431
Ion Ratio Lower Upper
43 100
58 209.8 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 51.231 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 95 Resp: 275364
Ion Ratio Lower Upper
95 100
174 72.8 0.0 163.0
176 70.6 0.0 155.0

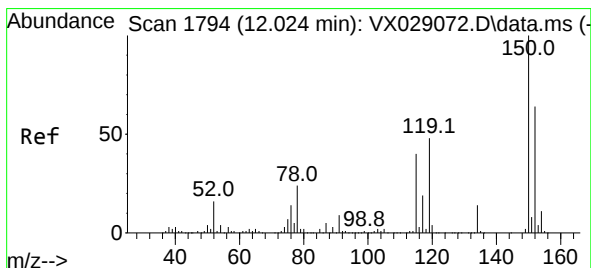
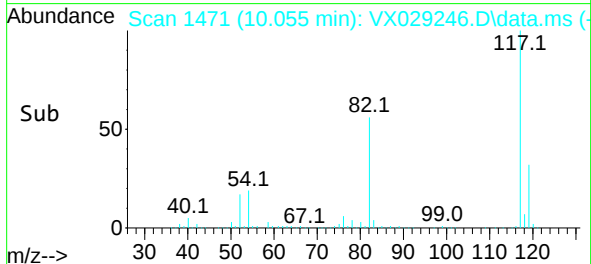
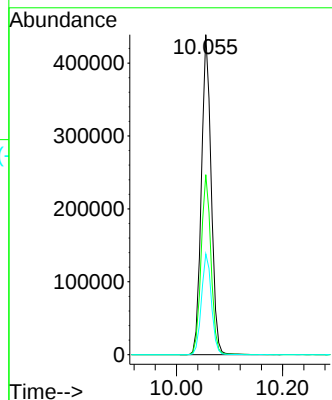
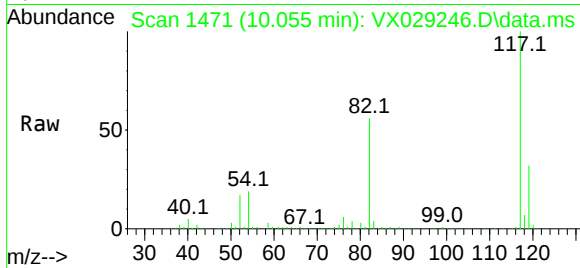




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

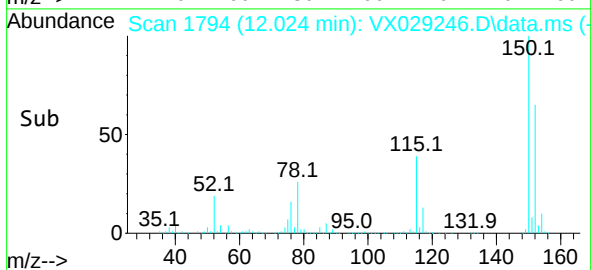
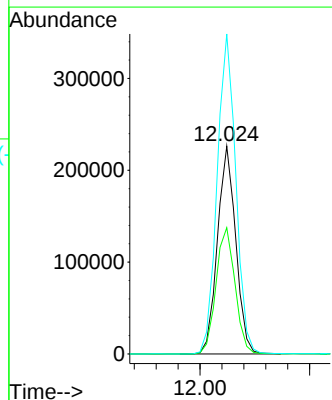
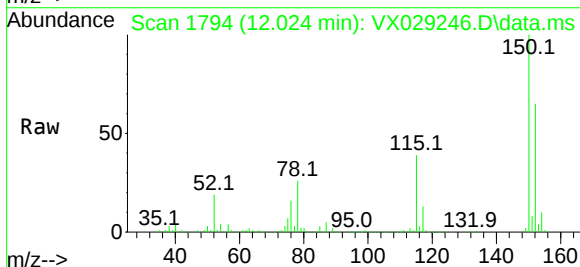
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524RE

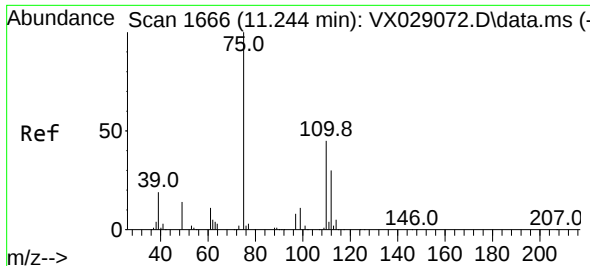
Tgt Ion:117 Resp: 563549
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 31.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion:152 Resp: 262999
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 157.1 0.0 338.2

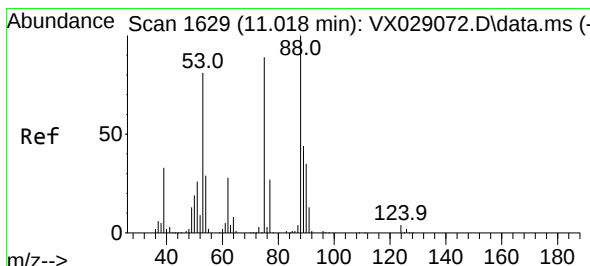
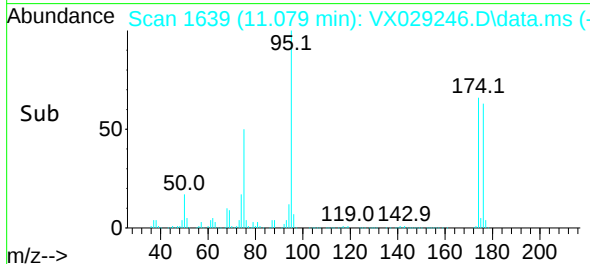
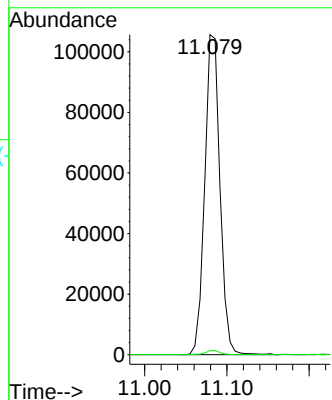
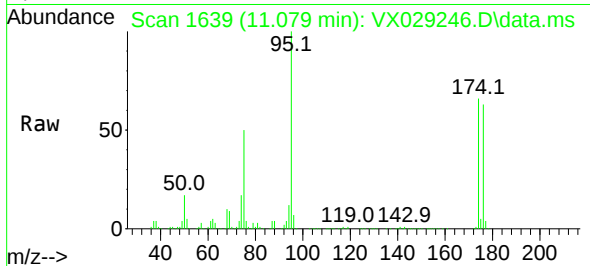




#76
1,2,3-Trichloropropane
Concen: 25.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220524RE

Tgt Ion: 75 Resp: 135762
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029246.D
Acq: 06 Jun 2022 18:17

Tgt Ion: 75 Resp: 135762
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

