

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036966.D
 Acq On : 14 Aug 2023 15:48
 Operator : JC/MD
 Sample : 03997-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20230811RE

Quant Time: Aug 15 01:29:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85748	47.795	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.600%
35) Dibromofluoromethane	5.385	113	72292	47.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.647	98	263774	48.756	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	98679	48.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%

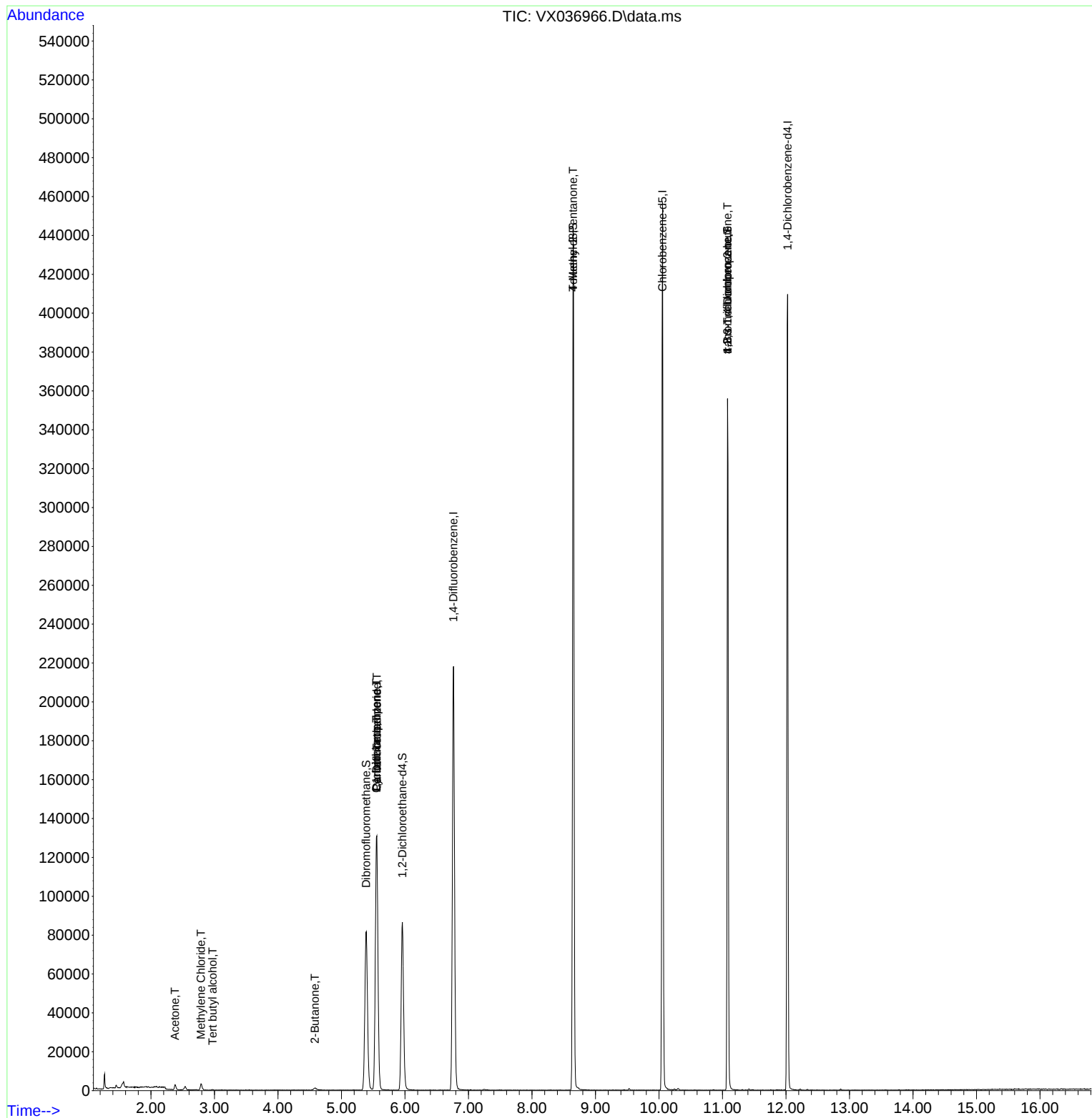
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	277	0.652	ug/l #	78
16) Acetone	2.380	43	2928	3.933	ug/l #	80
20) Methylene Chloride	2.788	84	1671	1.009	ug/l #	88
25) 2-Butanone	4.581	43	1093	0.905	ug/l #	51
31) Cyclohexane	5.550	56	2724	1.097	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	9896	4.352	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13051	5.399	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1096	0.447	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51713	25.817	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51713	58.517	ug/l #	5

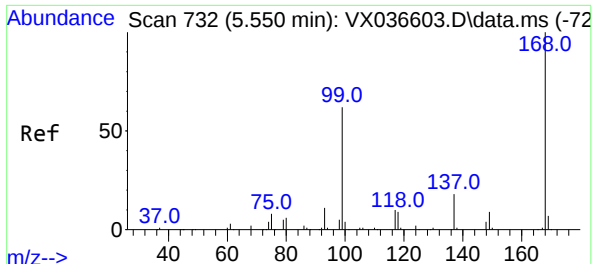
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
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Instrument :
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BP-TB-20230811RE

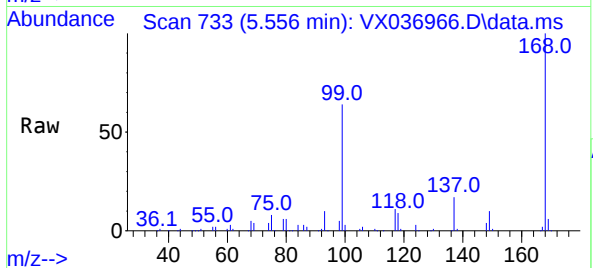
Quant Time: Aug 15 01:29:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



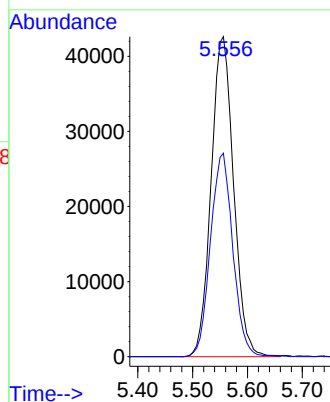
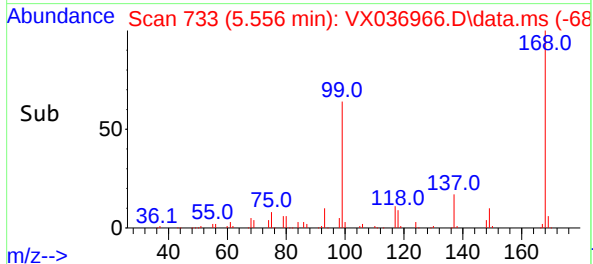


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

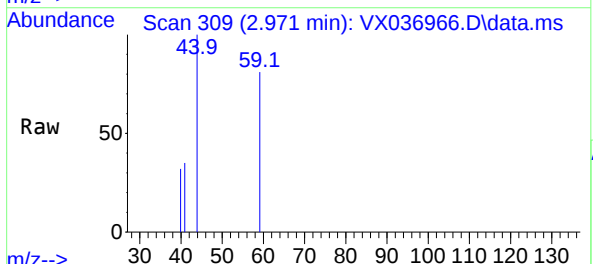
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20230811RE



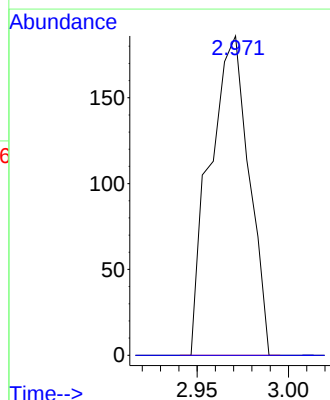
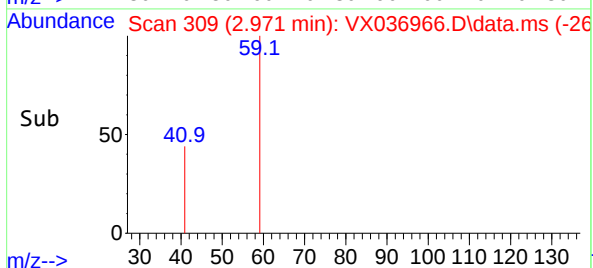
Tgt Ion:168 Resp: 121250
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0

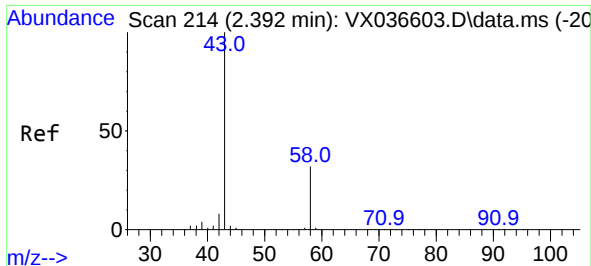


#11
Tert butyl alcohol
Concen: 0.652 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48



Tgt Ion: 59 Resp: 277
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

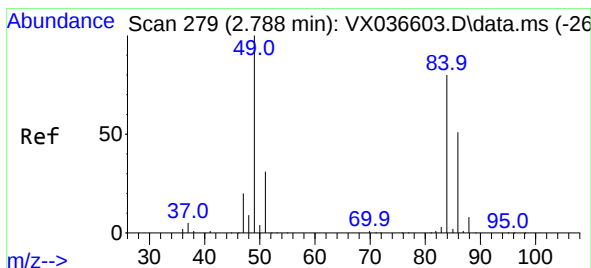
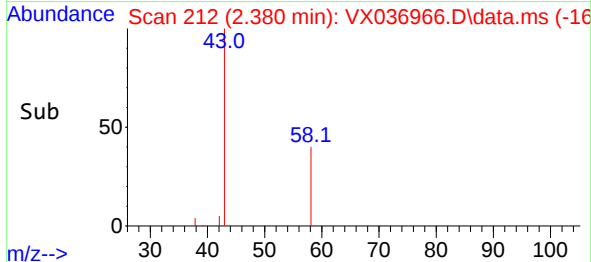
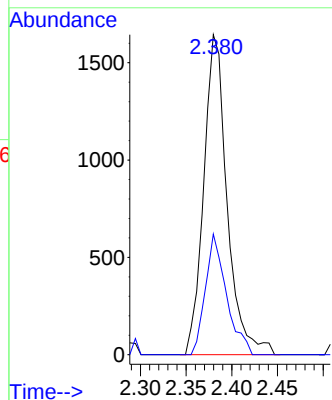
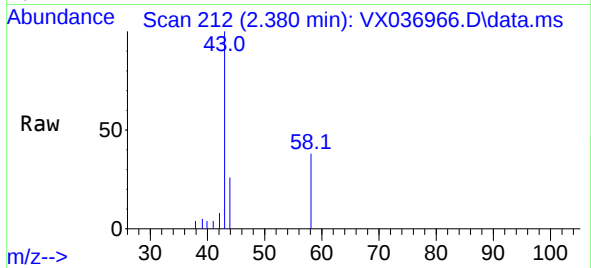




#16
Acetone
Concen: 3.933 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

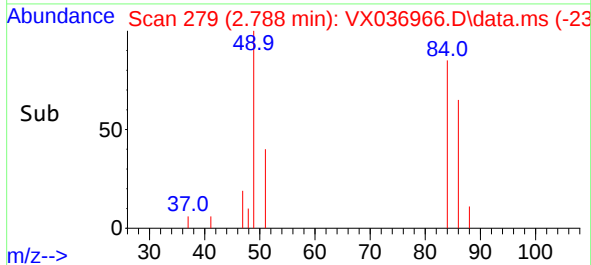
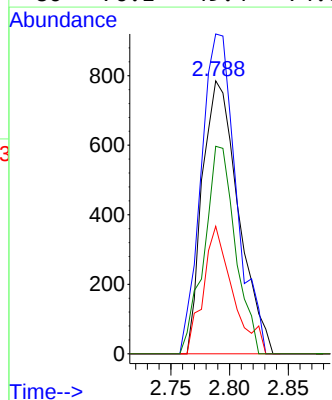
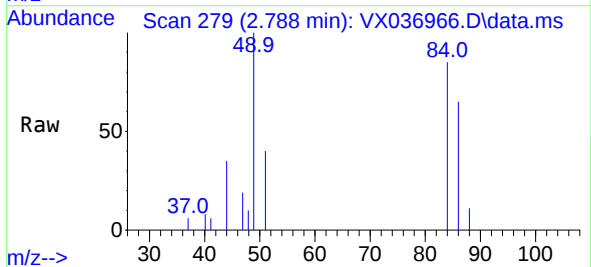
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20230811RE

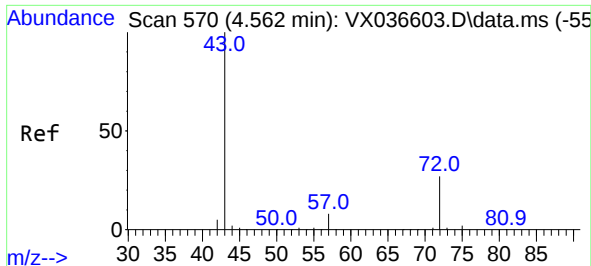
Tgt Ion: 43 Resp: 2928
Ion Ratio Lower Upper
43 100
58 37.7 21.9 32.9#



#20
Methylene Chloride
Concen: 1.009 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

Tgt Ion: 84 Resp: 1671
Ion Ratio Lower Upper
84 100
49 117.2 103.6 155.4
51 46.8 33.8 50.6
86 76.1 49.4 74.0#





#25

2-Butanone

Concen: 0.905 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX036966.D

Acq: 14 Aug 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

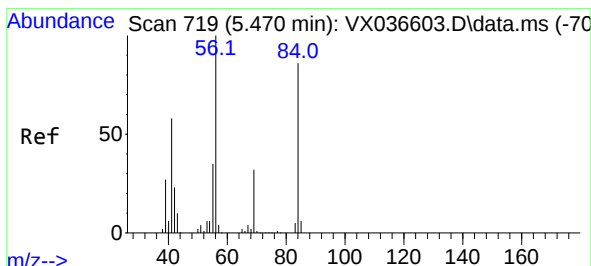
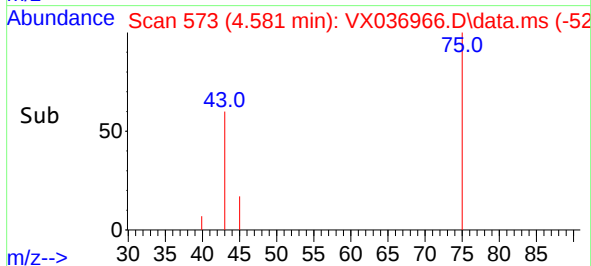
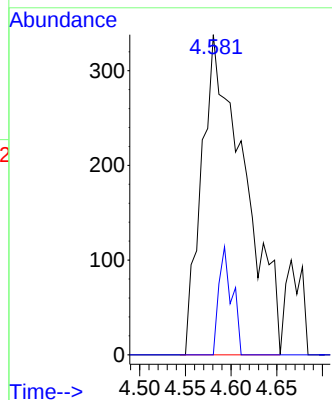
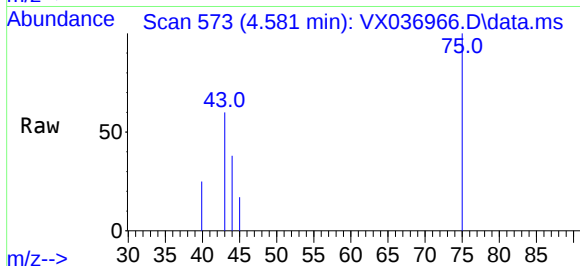
BP-TB-20230811RE

Tgt Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.097 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036966.D

Acq: 14 Aug 2023 15:48

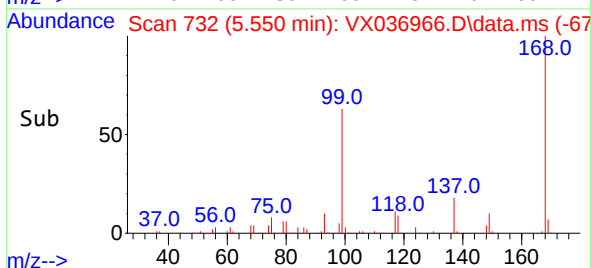
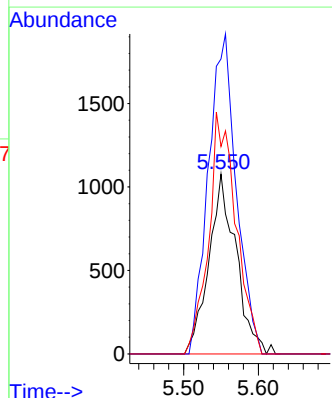
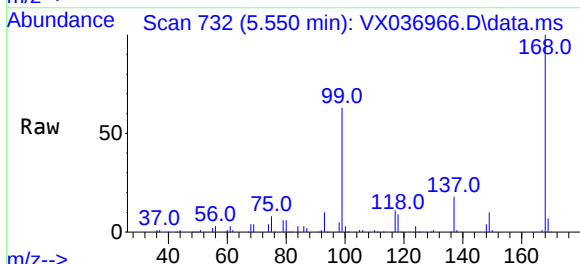
Tgt Ion: 56 Resp: 2724

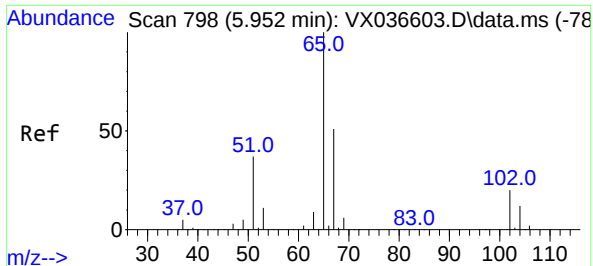
Ion Ratio Lower Upper

56 100

69 164.1 23.4 35.2#

84 115.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.795 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036966.D

Acq: 14 Aug 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

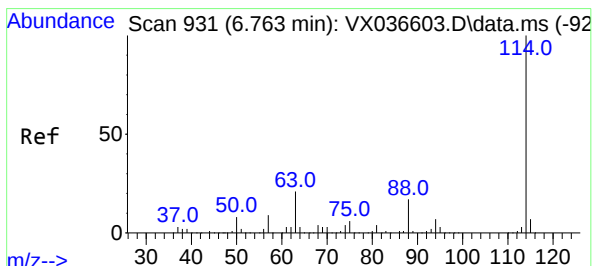
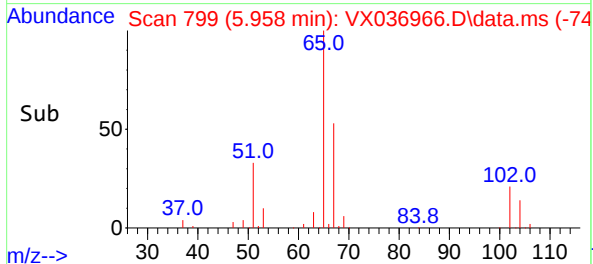
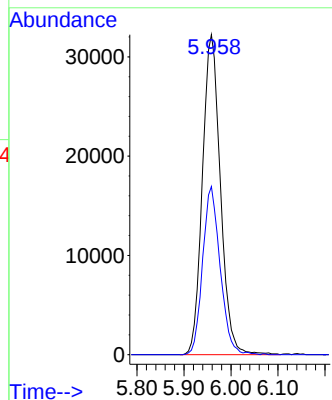
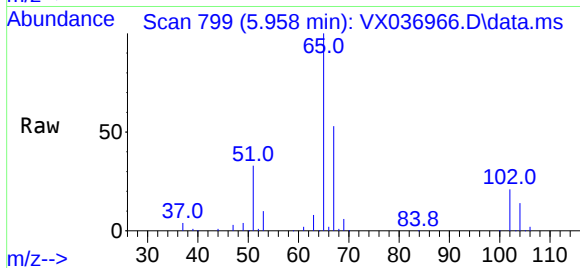
BP-TB-20230811RE

Tgt Ion: 65 Resp: 85748

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036966.D

Acq: 14 Aug 2023 15:48

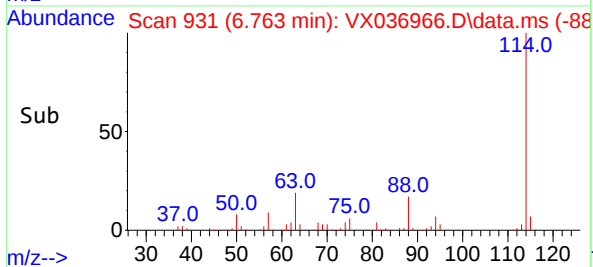
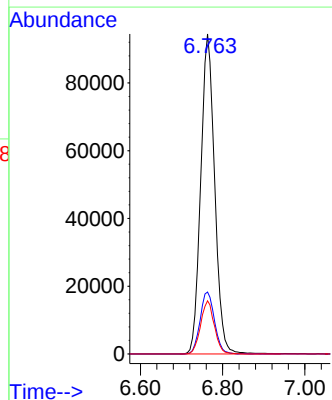
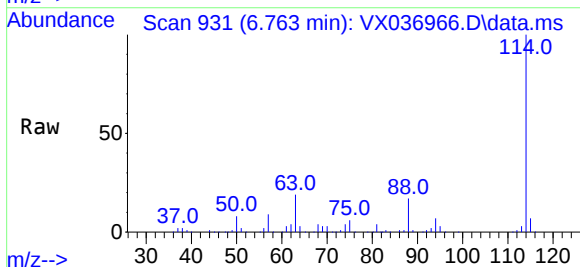
Tgt Ion: 114 Resp: 221954

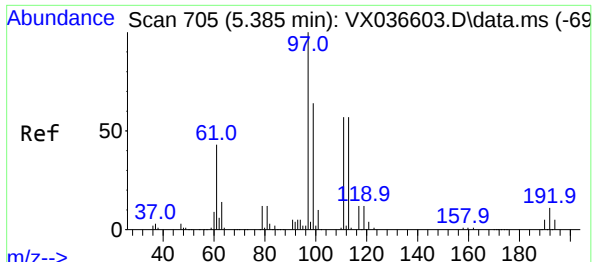
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

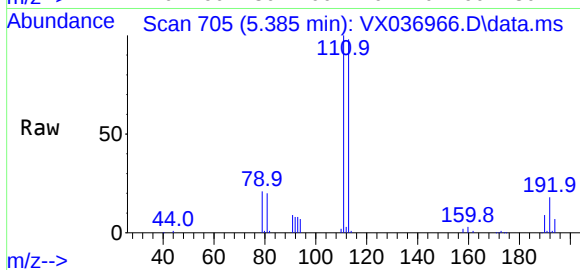
88 16.6 0.0 36.6





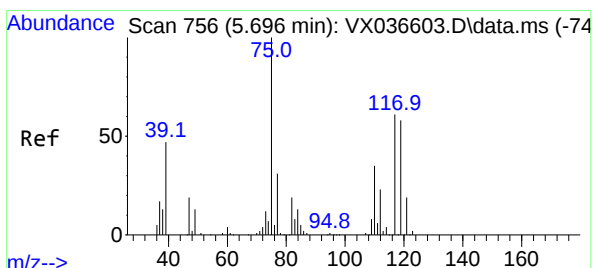
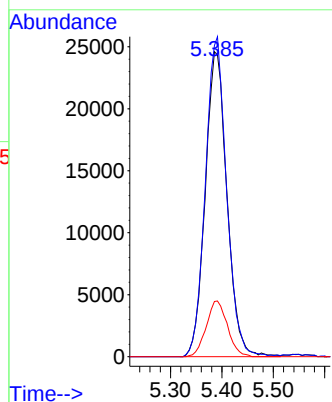
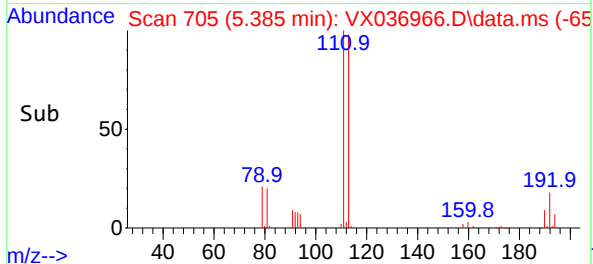
#35
Dibromofluoromethane
Concen: 47.386 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20230811RE

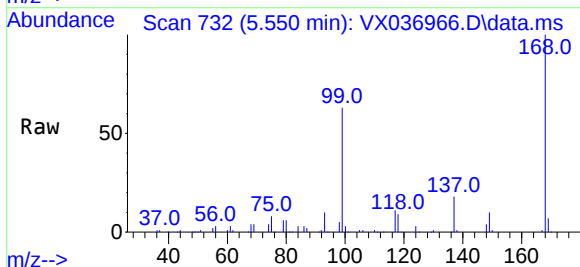


Tgt Ion: 113 Resp: 72292

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	17.8	13.3	19.9

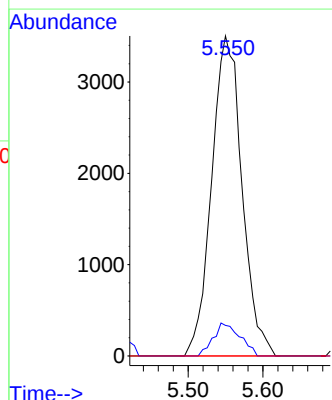
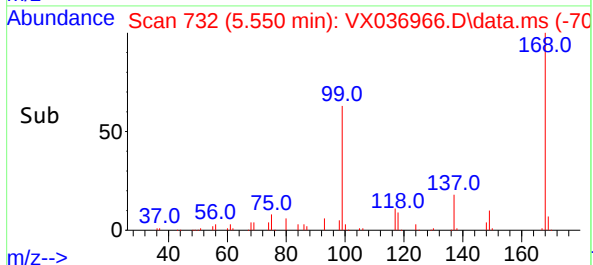


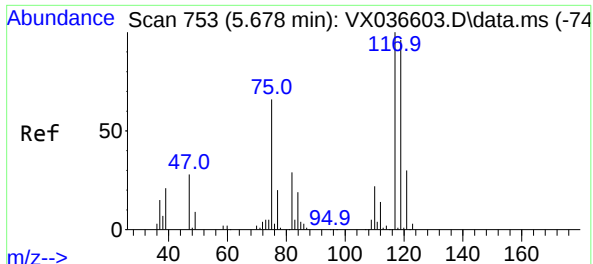
#36
1,1-Dichloropropene
Concen: 4.352 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48



Tgt Ion: 75 Resp: 9896

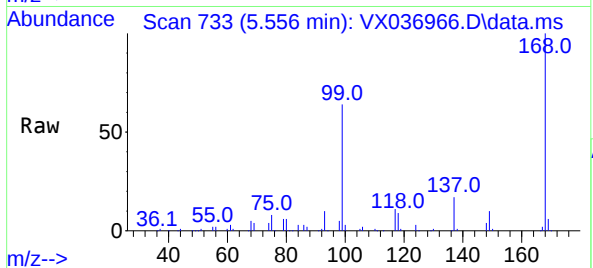
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	24.7	37.1#



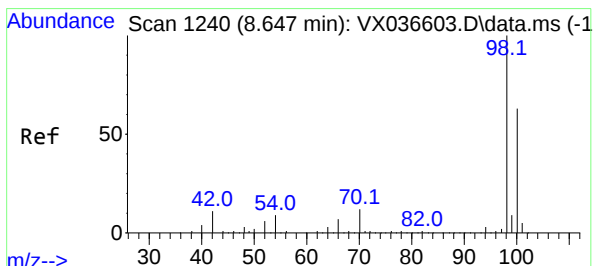
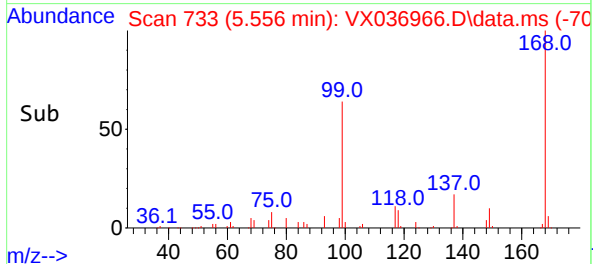
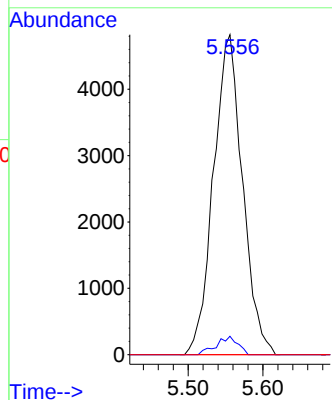


#38
Carbon Tetrachloride
Concen: 5.399 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036966.D
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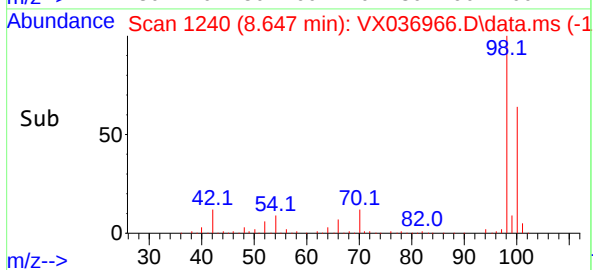
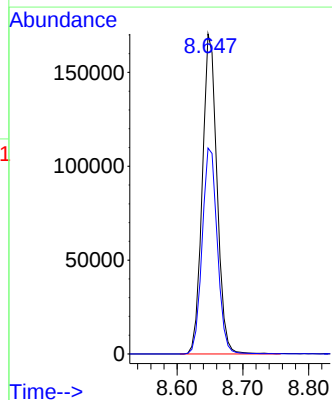
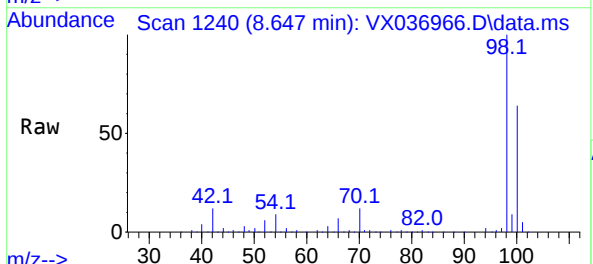


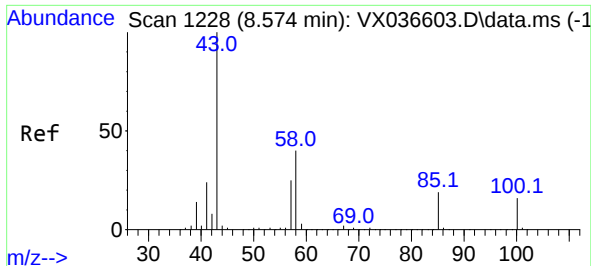
Tgt Ion:117 Resp: 13051
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.756 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

Tgt Ion: 98 Resp: 263774
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

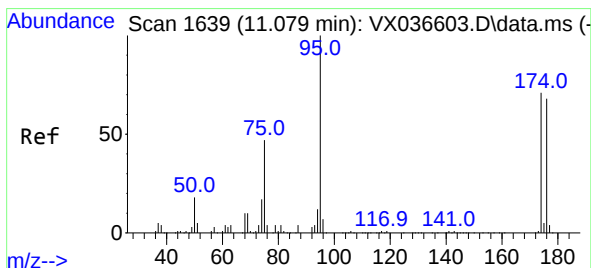
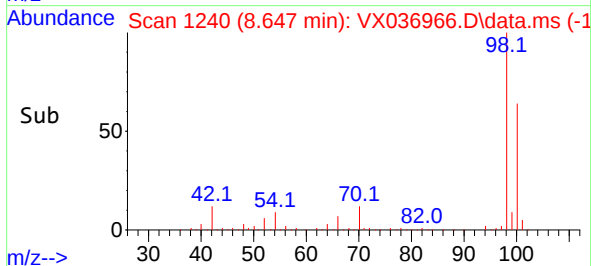
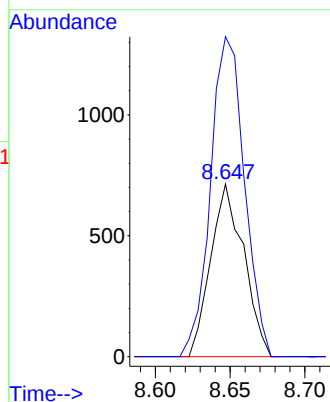
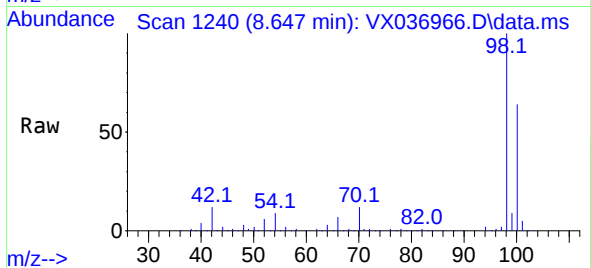




#51
4-Methyl-2-Pentanone
Concen: 0.447 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

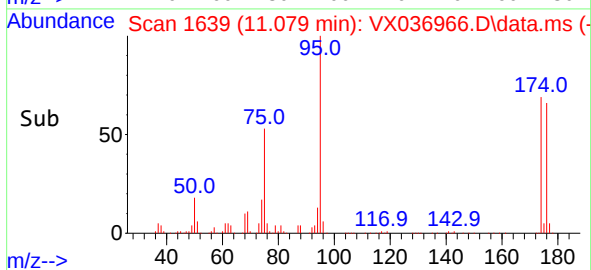
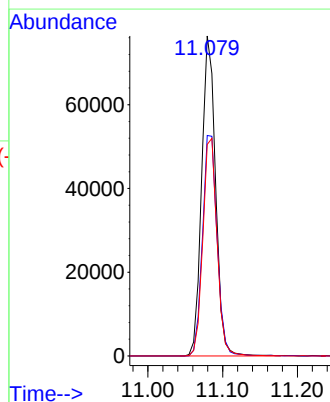
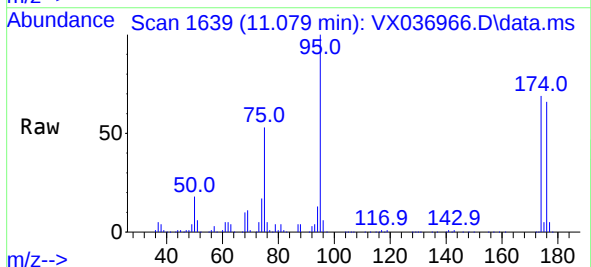
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20230811RE

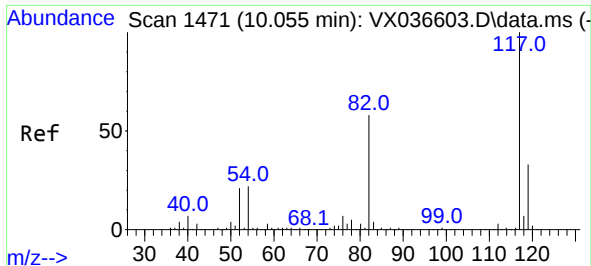
Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 190.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

Tgt Ion: 95 Resp: 98679
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 69.7 0.0 131.0

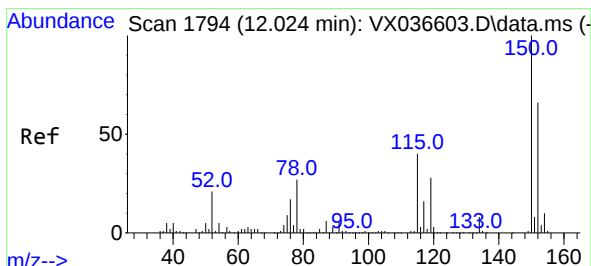
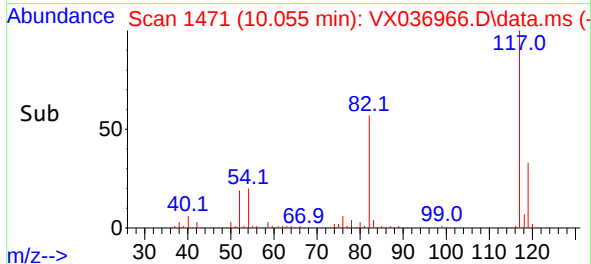
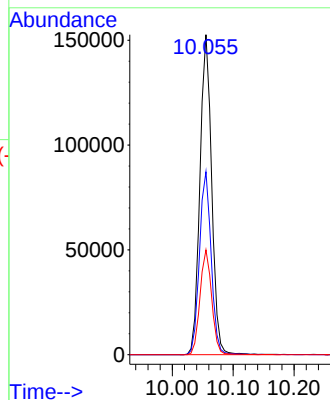
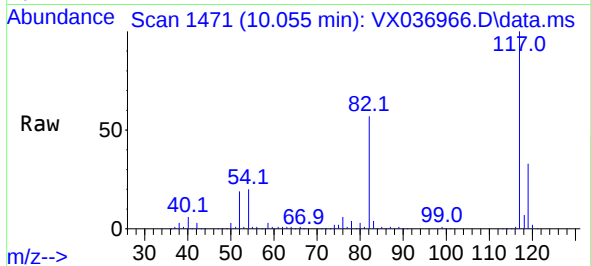




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

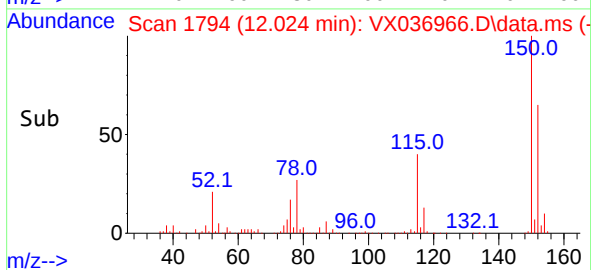
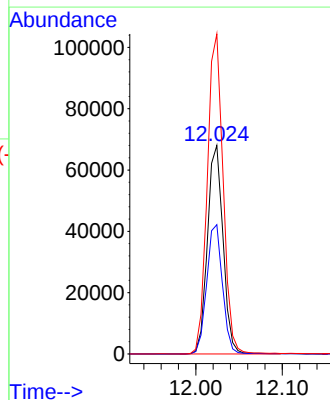
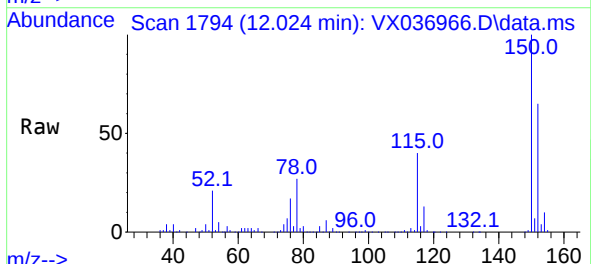
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20230811RE

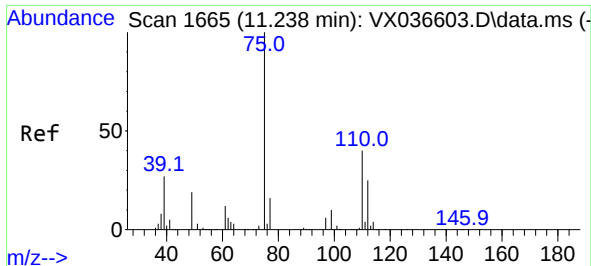
Tgt Ion:117 Resp: 204189
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

Tgt Ion:152 Resp: 85159
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 155.5 0.0 345.0

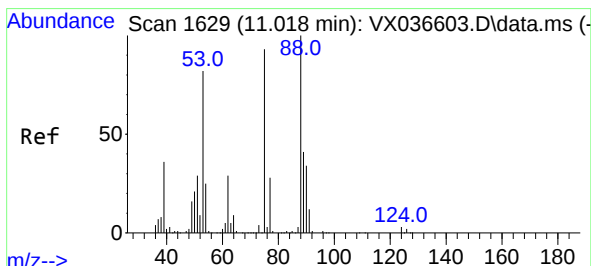
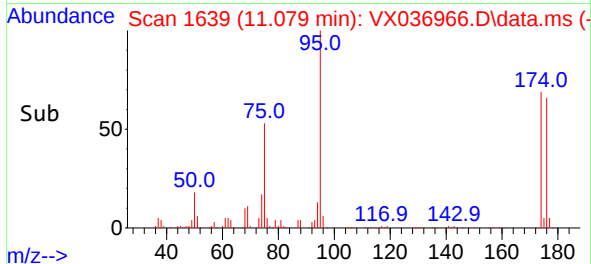
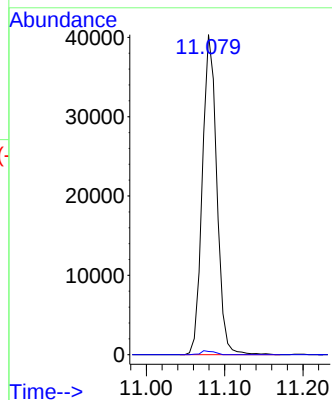
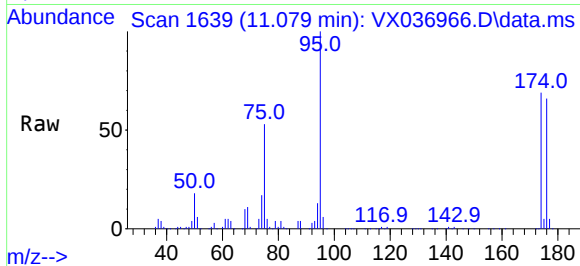




#76
1,2,3-Trichloropropane
Concen: 25.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20230811RE

Tgt Ion: 75 Resp: 51713
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036966.D
Acq: 14 Aug 2023 15:48

Tgt Ion: 75 Resp: 51713
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

