

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036962.D
 Acq On : 14 Aug 2023 14:12
 Operator : JC/MD
 Sample : 03997-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-119S1-20230811

Quant Time: Aug 15 01:29:01 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	122452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86606	47.800	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.600%
35) Dibromofluoromethane	5.391	113	72844	46.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.900%
50) Toluene-d8	8.647	98	268541	48.810	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	101766	49.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.060%

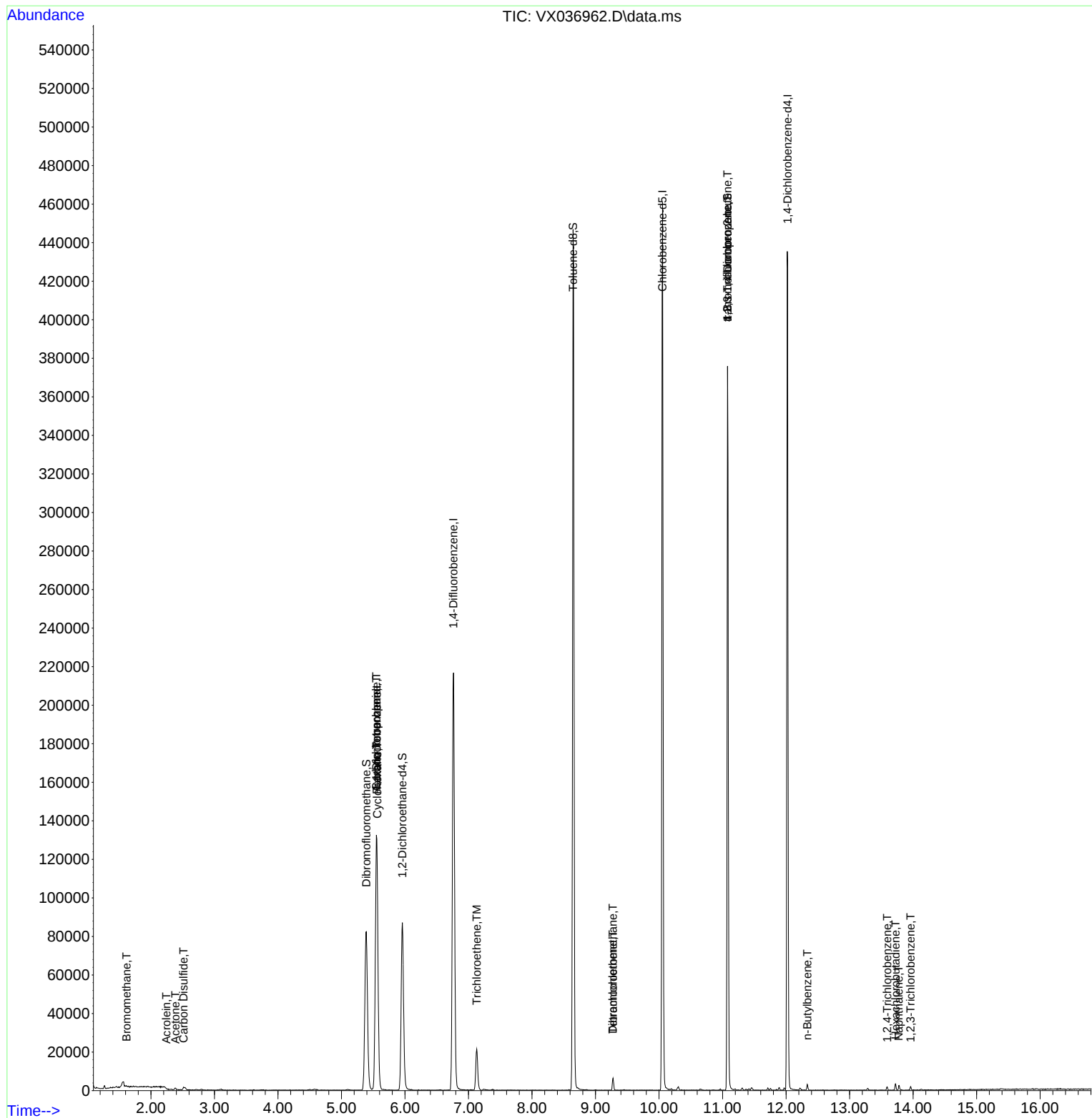
Target Compounds				Qvalue		
5) Bromomethane	1.618	94	260	0.291	ug/l #	80
13) Acrolein	2.239	56	165	0.674	ug/l	93
16) Acetone	2.386	43	1036	1.378	ug/l	92
17) Carbon Disulfide	2.514	76	1426	0.377	ug/l #	90
31) Cyclohexane	5.562	56	2712	1.081	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	10229	4.424	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13123	5.338	ug/l #	15
44) Trichloroethene	7.129	130	8282	4.710	ug/l	100
60) Dibromochloromethane	9.275	129	1139	0.585	ug/l #	11
64) Tetrachloroethene	9.275	164	1078	0.691	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	53568	24.782	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53568	56.170	ug/l #	5
89) n-Butylbenzene	12.335	91	1153	0.201	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	595	0.312	ug/l	86
94) Hexachlorobutadiene	13.725	225	572	0.725	ug/l	94
95) Naphthalene	13.774	128	2009	0.302	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	530	0.282	ug/l	98

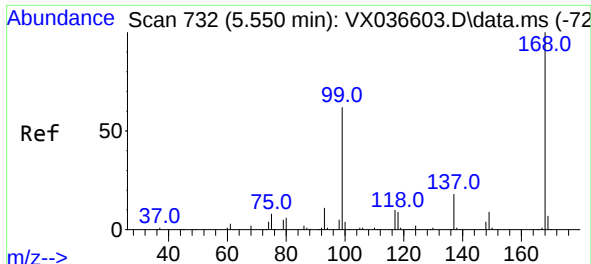
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

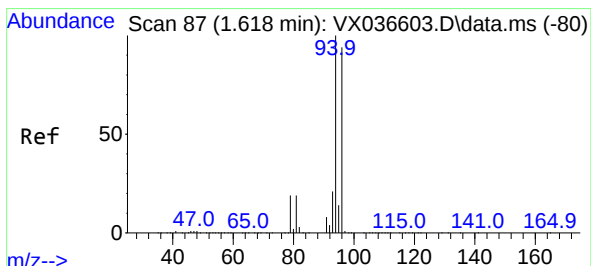
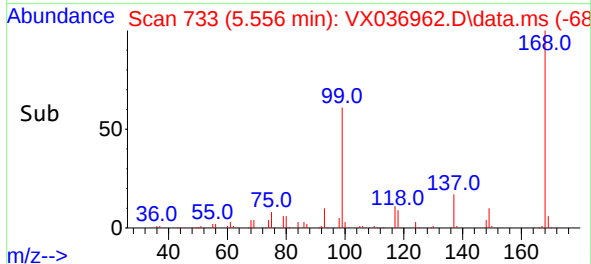
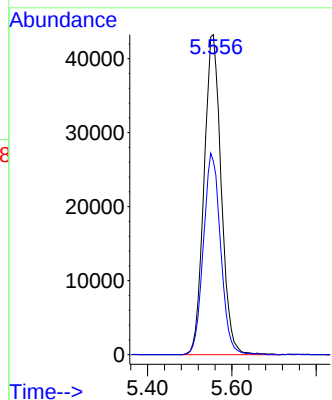
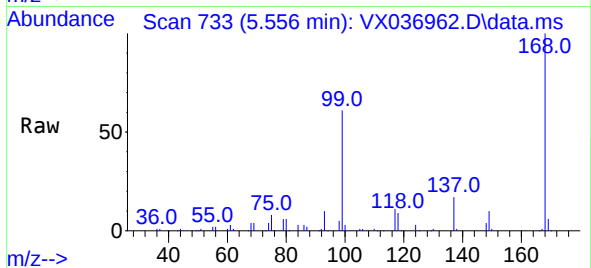




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

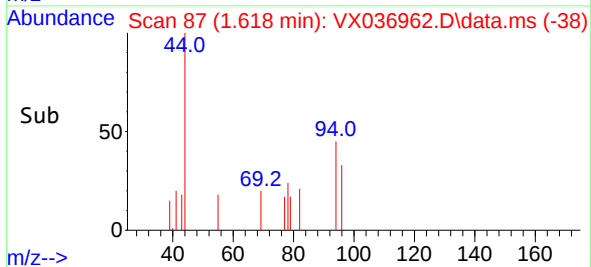
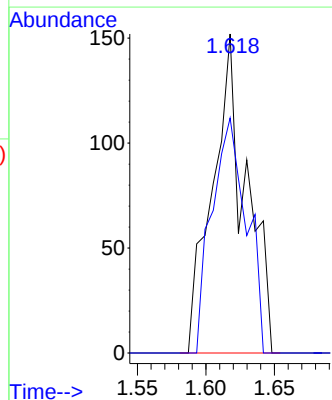
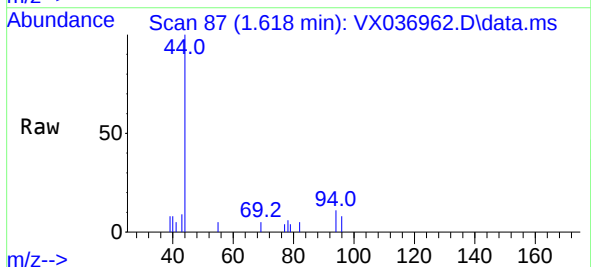
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811

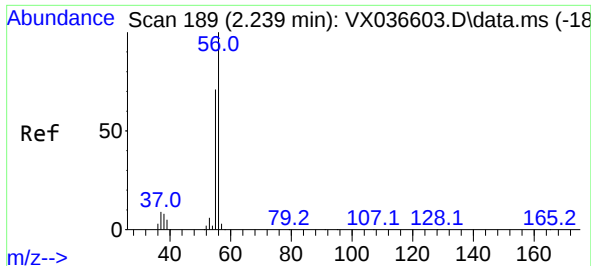
Tgt Ion:168 Resp: 122452
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#5
Bromomethane
Concen: 0.291 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 73.7 74.6 111.8#

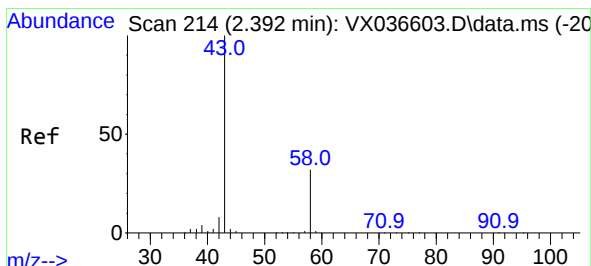
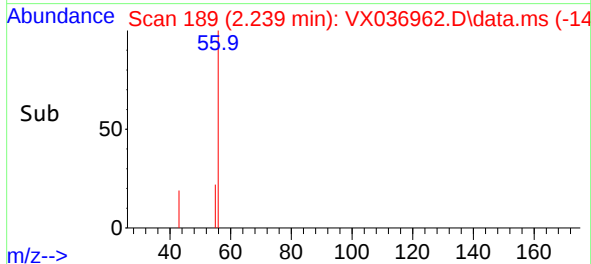
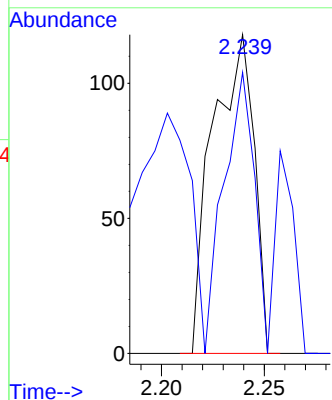
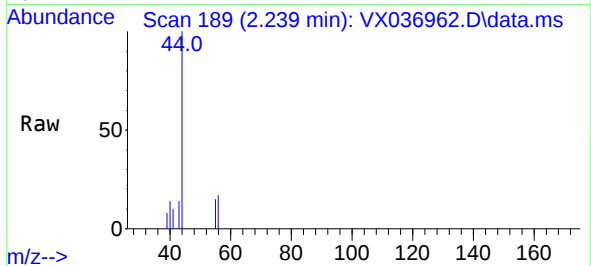




#13
Acrolein
Concen: 0.674 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

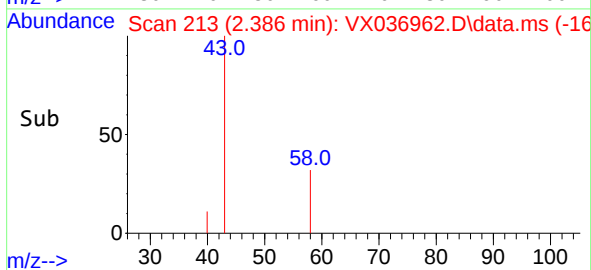
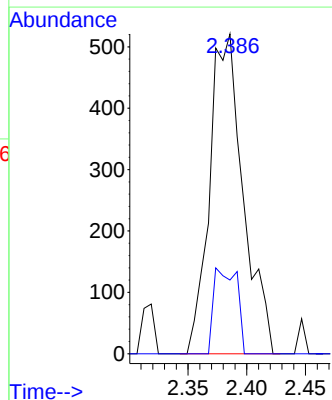
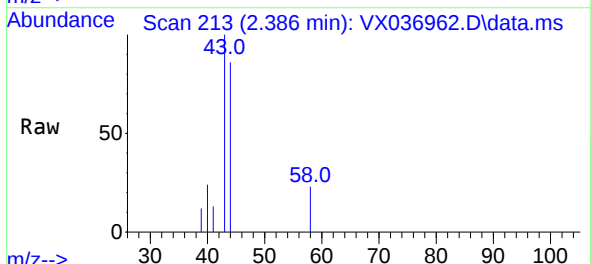
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811

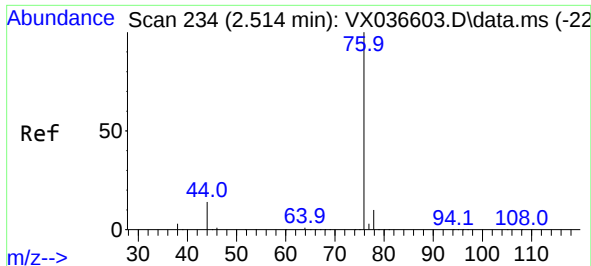
Tgt Ion: 56 Resp: 165
Ion Ratio Lower Upper
56 100
55 65.5 57.1 85.7



#16
Acetone
Concen: 1.378 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 23.0 21.9 32.9

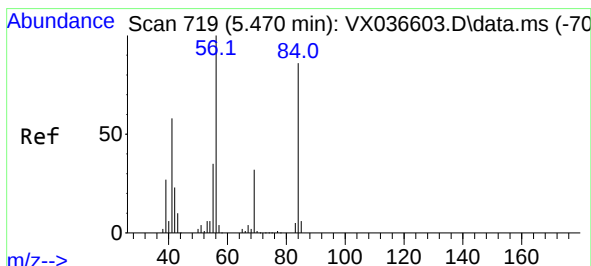
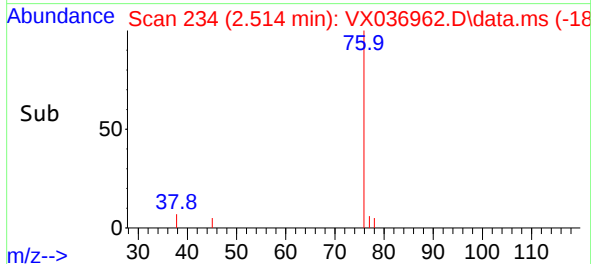
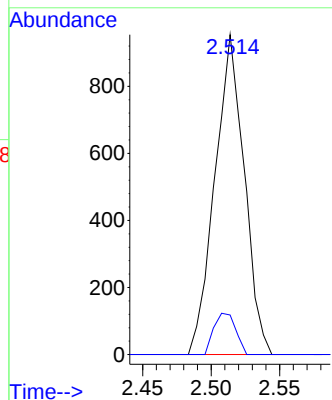
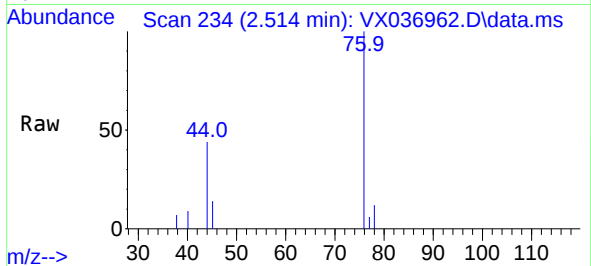




#17
Carbon Disulfide
Concen: 0.377 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

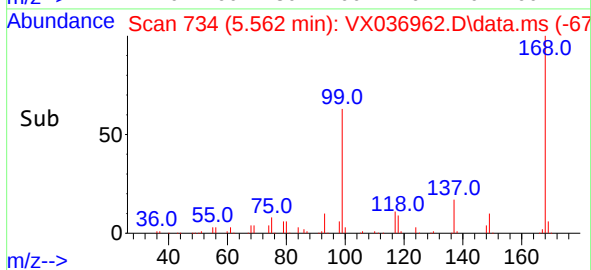
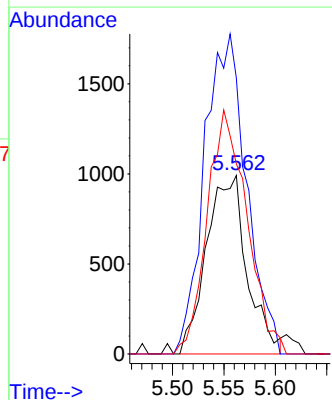
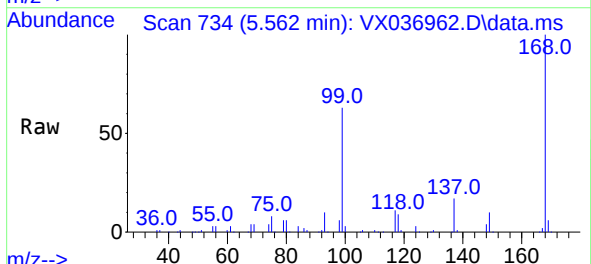
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811

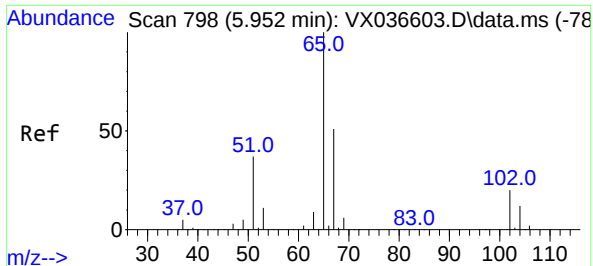
Tgt Ion: 76 Resp: 1426
Ion Ratio Lower Upper
76 100
78 12.4 7.0 10.6#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion: 56 Resp: 2712
Ion Ratio Lower Upper
56 100
69 154.4 23.4 35.2#
84 101.0 65.9 98.9#

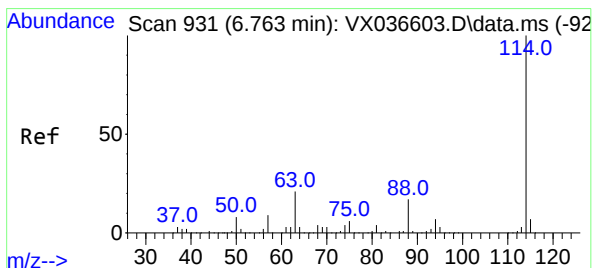
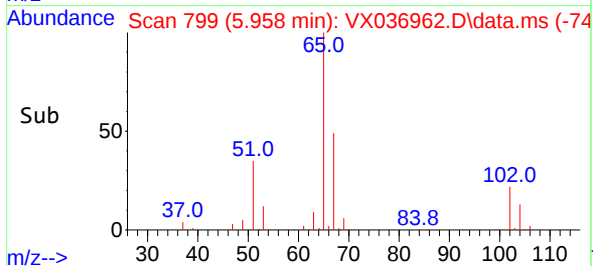
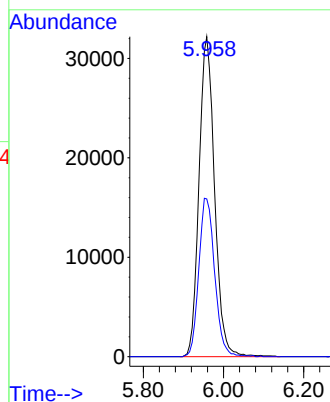
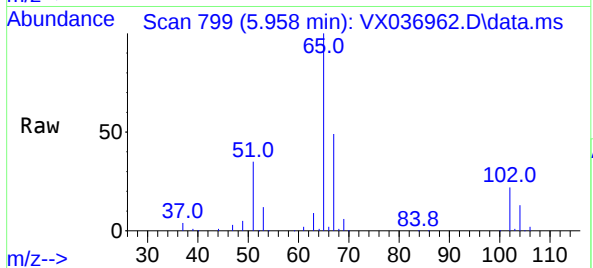




#33
 1,2-Dichloroethane-d4
 Concen: 47.800 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036962.D
 Acq: 14 Aug 2023 14:12

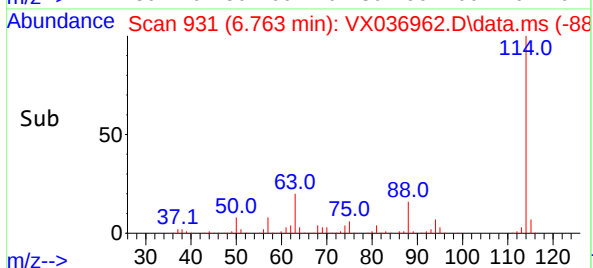
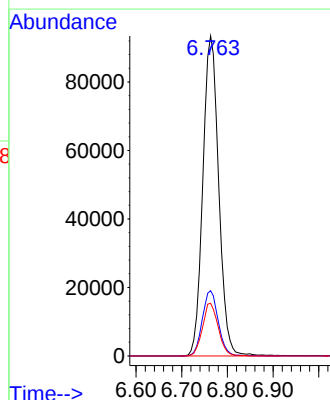
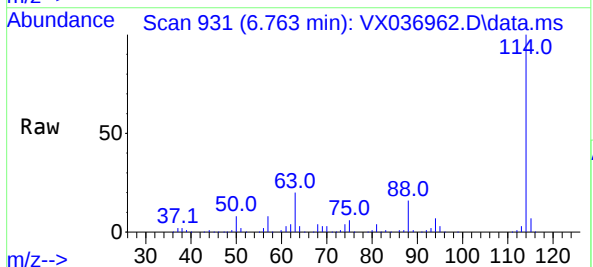
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-119S1-20230811

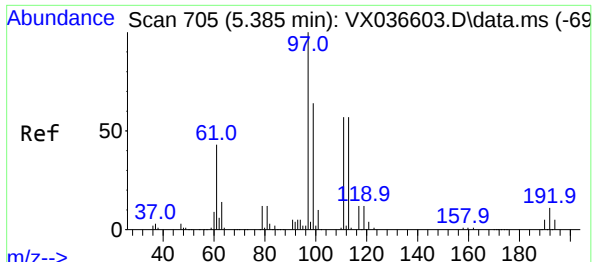
Tgt Ion: 65 Resp: 86606
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036962.D
 Acq: 14 Aug 2023 14:12

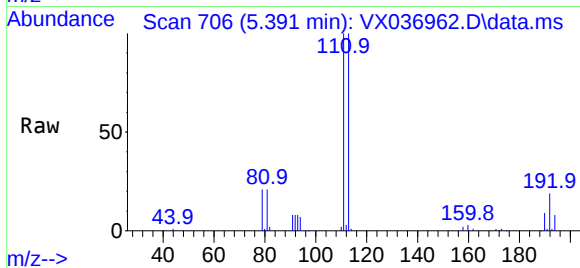
Tgt Ion: 114 Resp: 225714
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 16.5 0.0 36.6





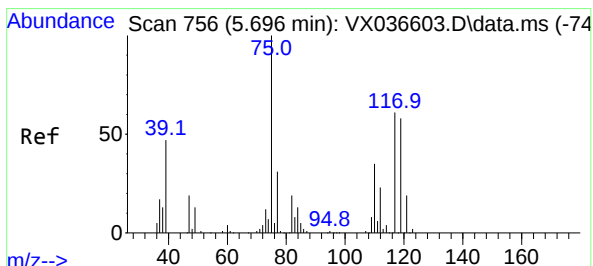
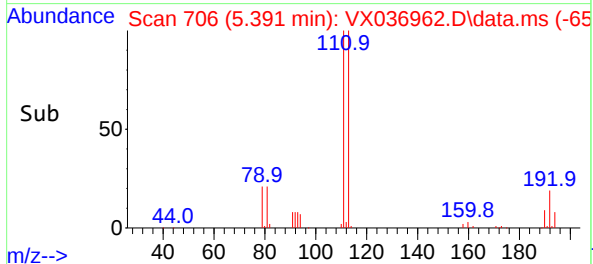
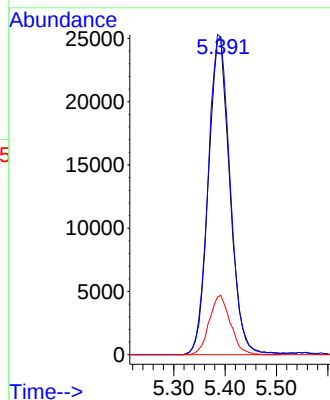
#35
Dibromofluoromethane
Concen: 46.953 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811



Tgt Ion: 113 Resp: 72844

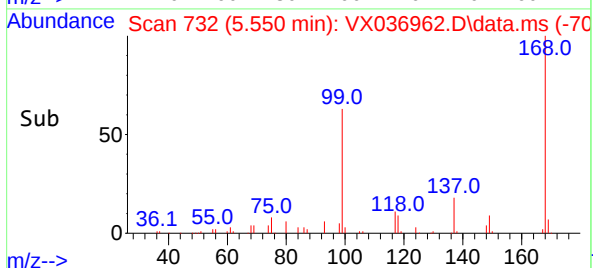
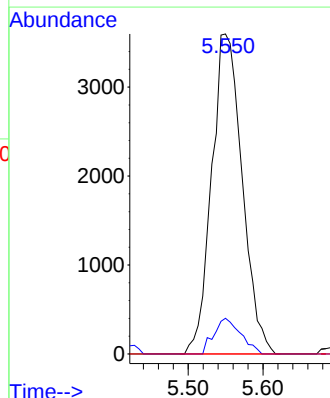
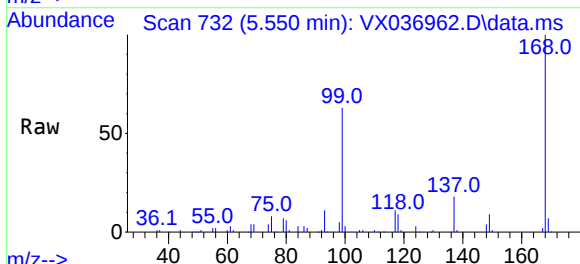
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	18.4	13.3	19.9

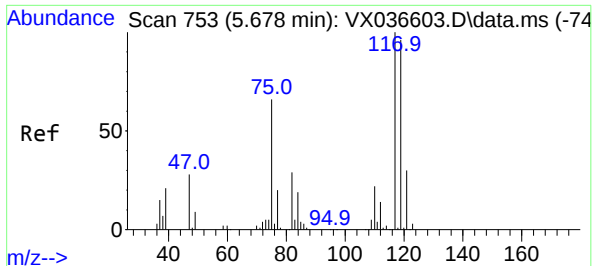


#36
1,1-Dichloropropene
Concen: 4.424 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion: 75 Resp: 10229

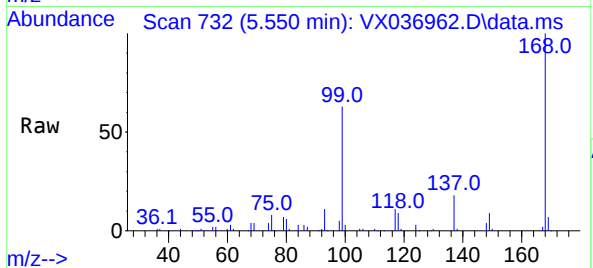
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	24.7	37.1#



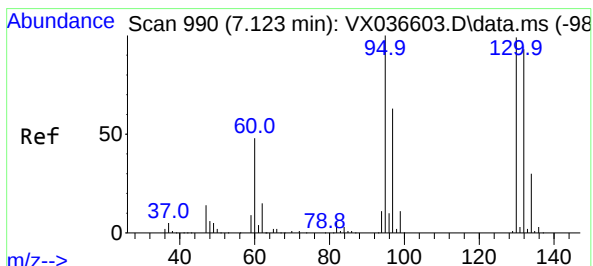
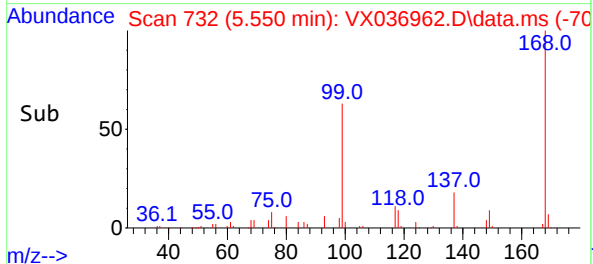
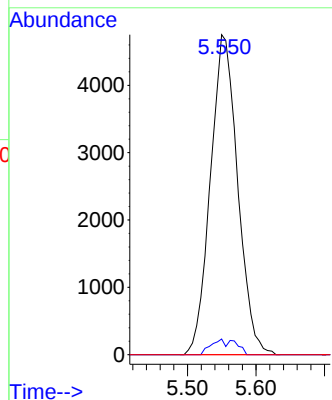


#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Instrument :
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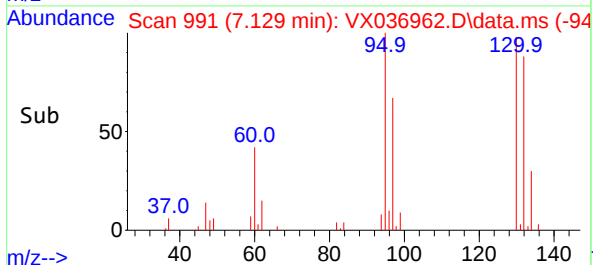
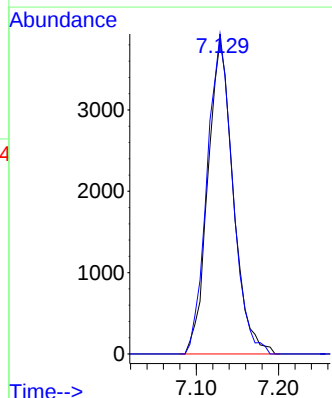
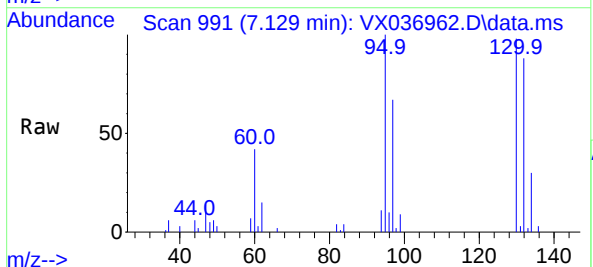


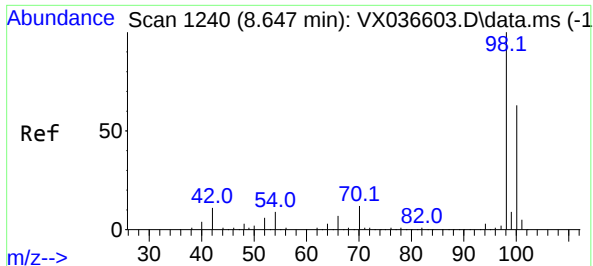
Tgt Ion:117 Resp: 13123
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 4.710 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion:130 Resp: 8282
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.4

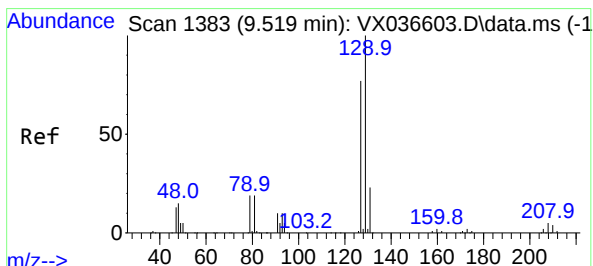
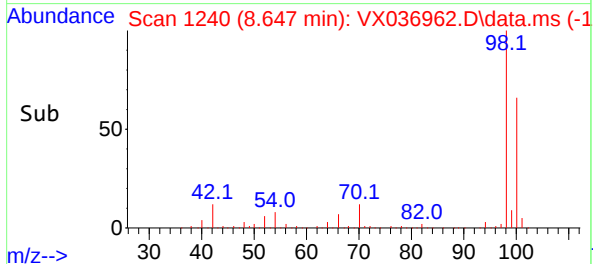
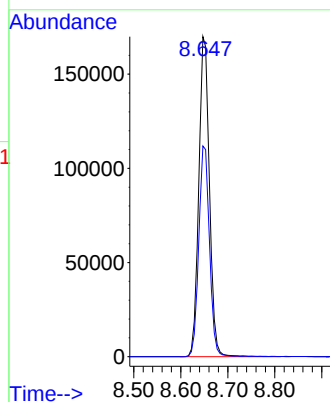
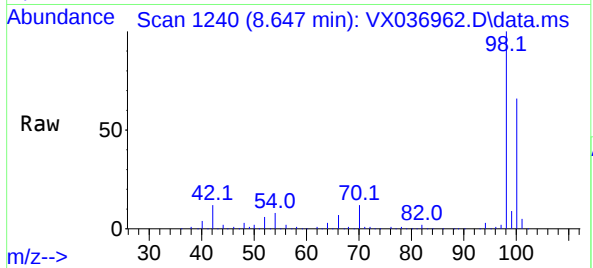




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

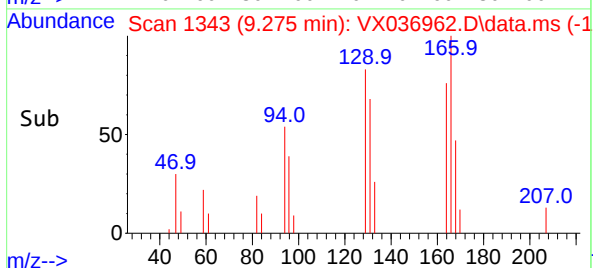
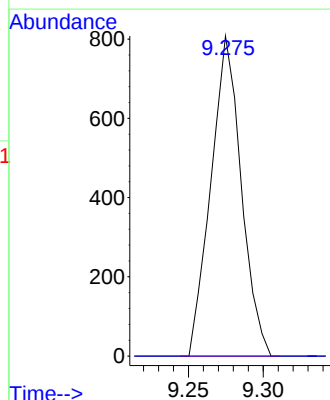
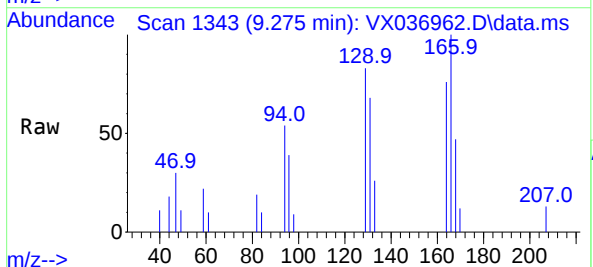
Instrument :
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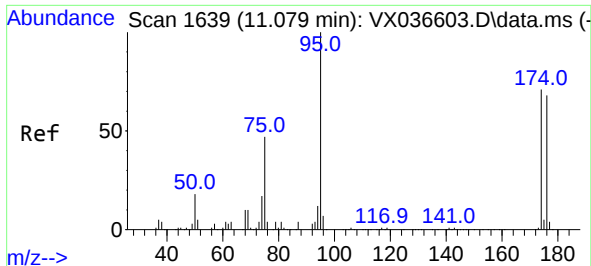
Tgt Ion: 98 Resp: 268541
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#60
Dibromochloromethane
Concen: 0.585 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion: 129 Resp: 1139
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

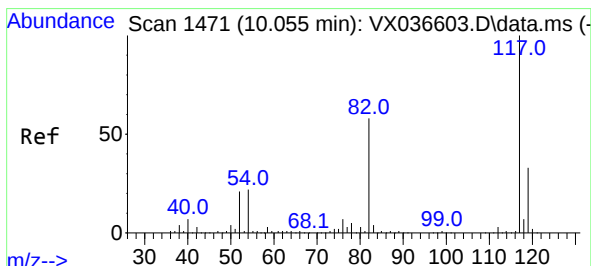
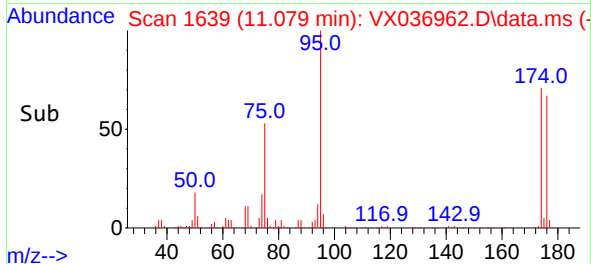
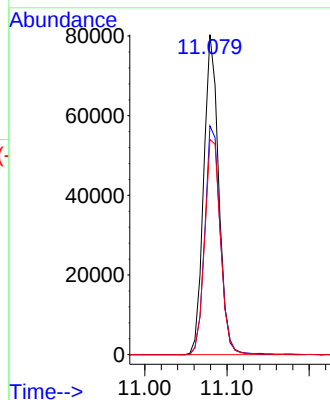
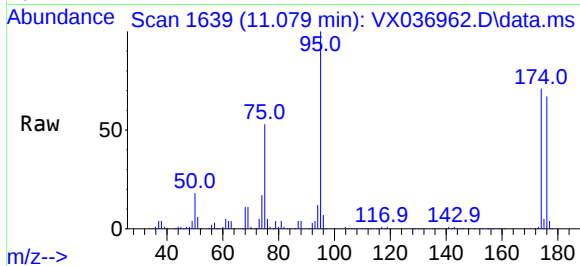




#62
4-Bromofluorobenzene
Concen: 49.027 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

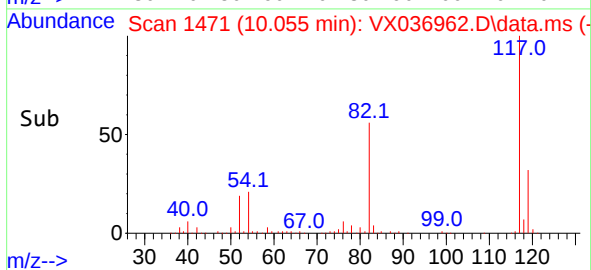
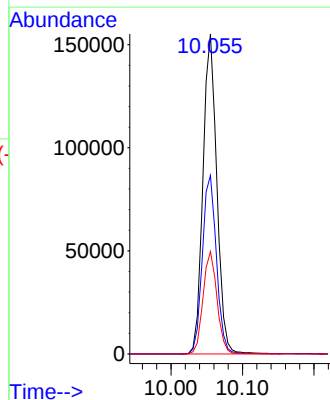
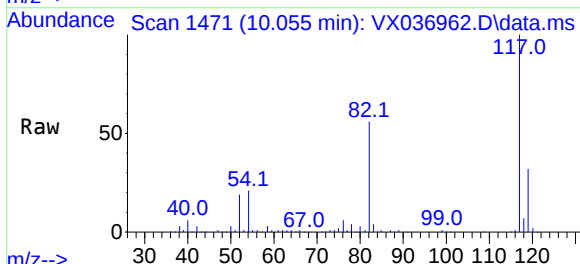
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811

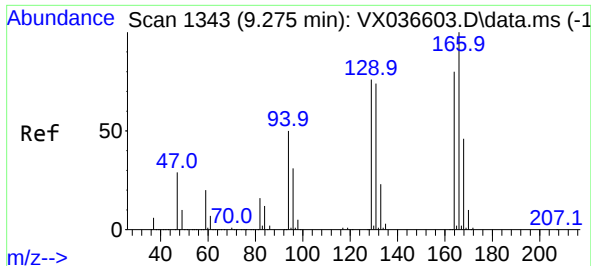
Tgt Ion: 95 Resp: 101766
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion: 117 Resp: 209067
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.0 25.5 38.3



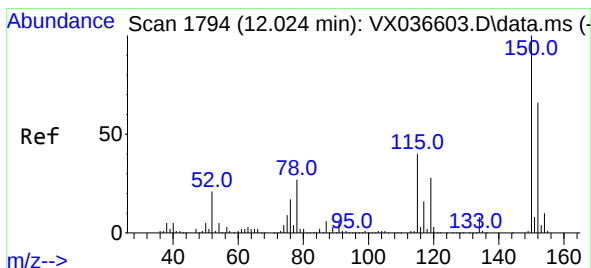
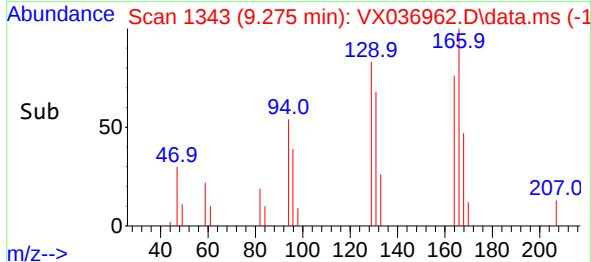
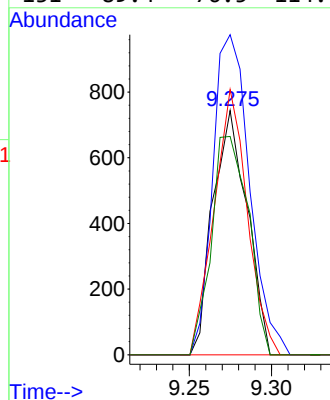
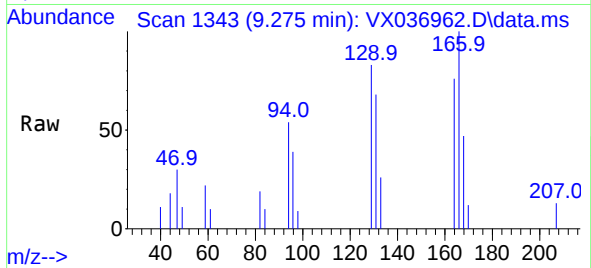


#64
Tetrachloroethene
Concen: 0.691 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811

Tgt Ion:164 Resp: 1078

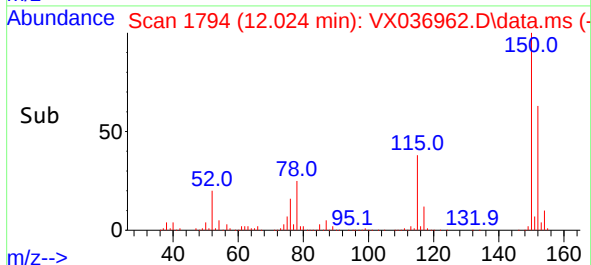
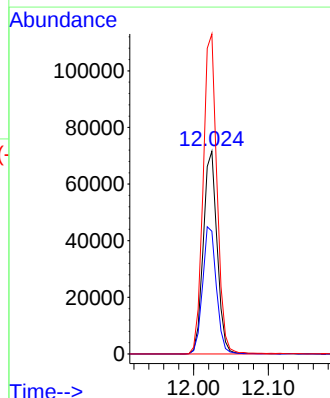
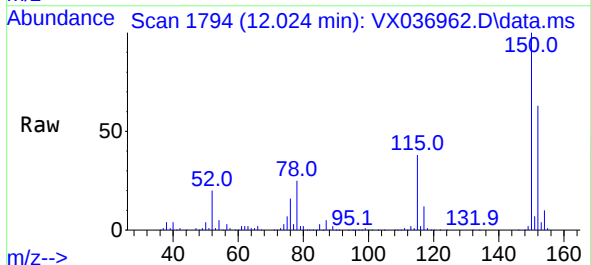
Ion	Ratio	Lower	Upper
164	100		
166	131.0	102.7	154.1
129	108.6	80.4	120.6
131	89.4	76.5	114.7

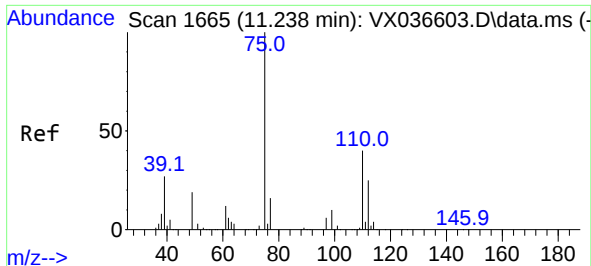


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion:152 Resp: 91899

Ion	Ratio	Lower	Upper
152	100		
115	62.7	43.3	129.9
150	158.2	0.0	345.0

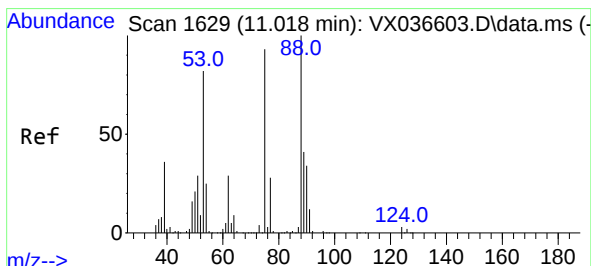
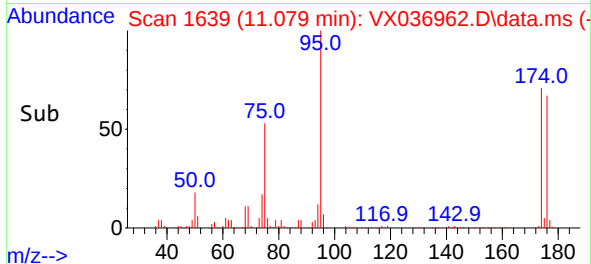
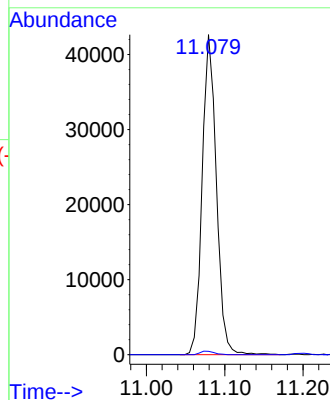
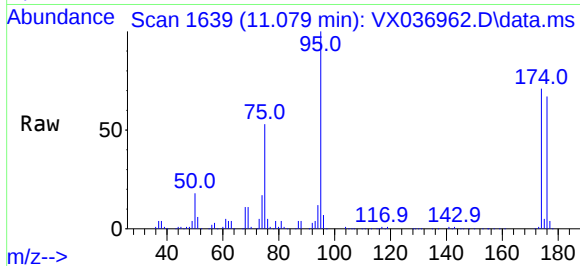




#76
1,2,3-Trichloropropane
Concen: 24.782 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

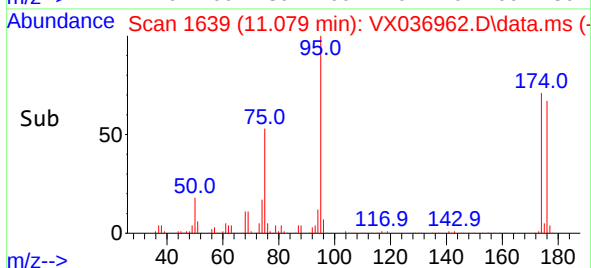
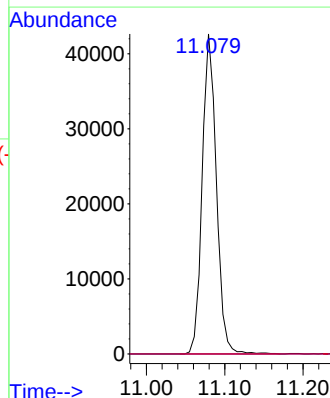
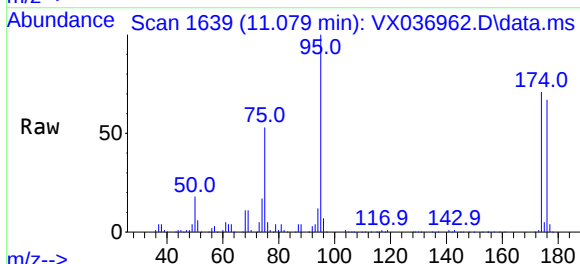
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811

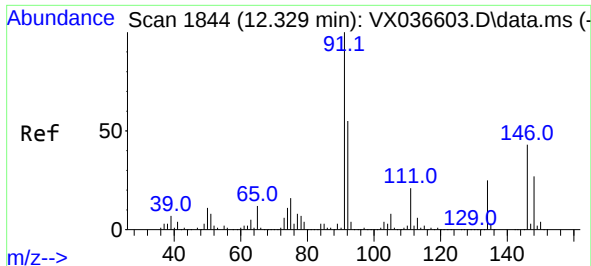
Tgt Ion: 75 Resp: 53568
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion: 75 Resp: 53568
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

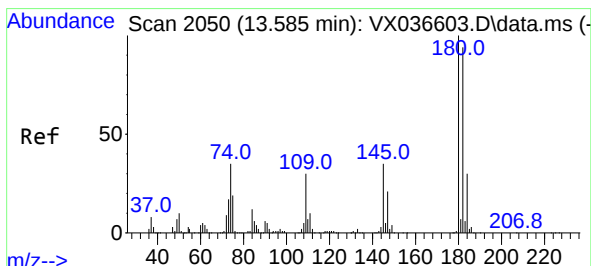
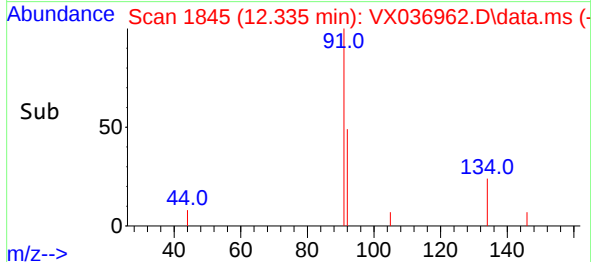
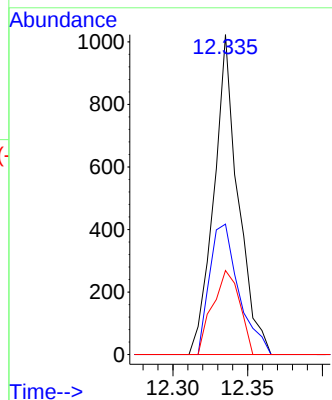
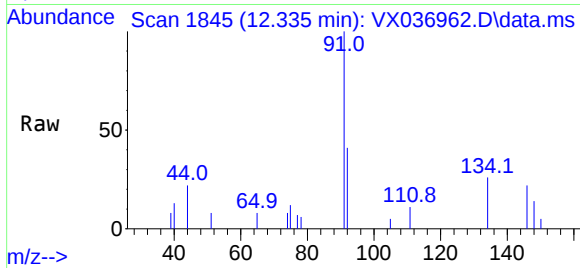




#89
n-Butylbenzene
Concen: 0.201 ug/l
RT: 12.335 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

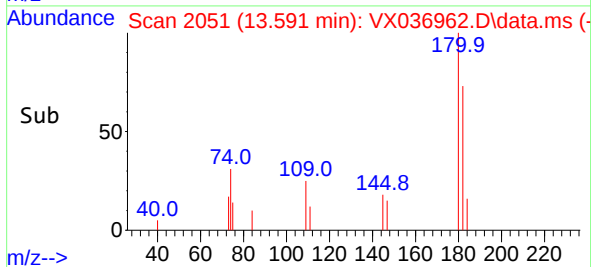
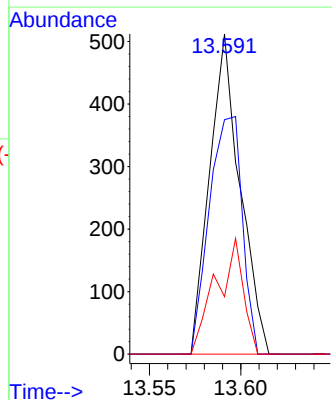
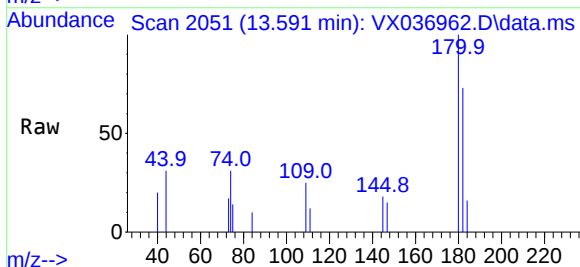
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811

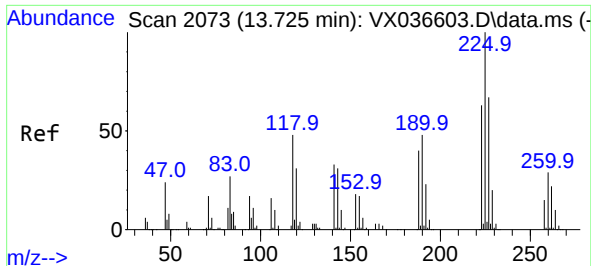
Tgt Ion:	91	Resp:	1153
Ion	Ratio	Lower	Upper
91	100		
92	49.3	27.4	82.0
134	29.2	12.6	37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.312 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

Tgt Ion:	180	Resp:	595
Ion	Ratio	Lower	Upper
180	100		
182	80.0	48.3	144.8
145	32.6	18.0	54.0

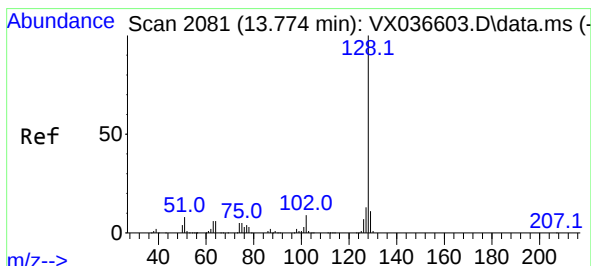
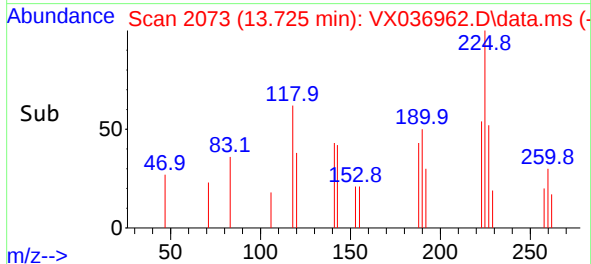
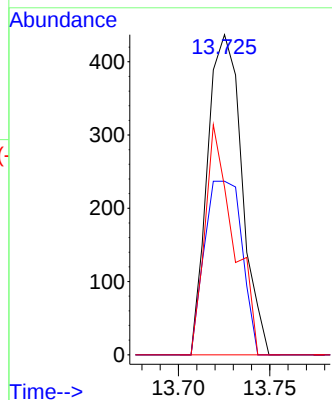
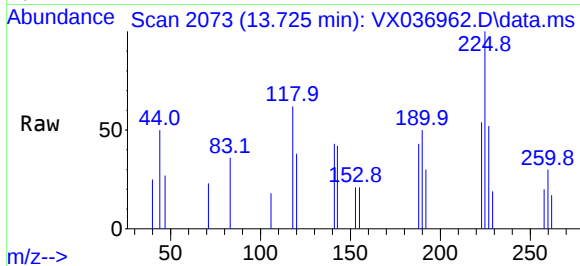




#94
Hexachlorobutadiene
Concen: 0.725 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

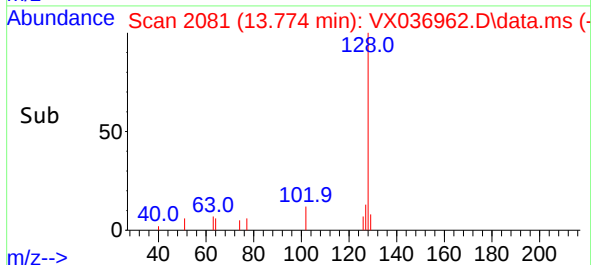
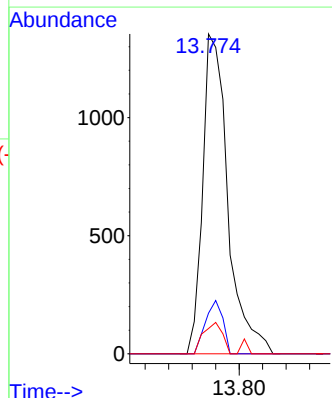
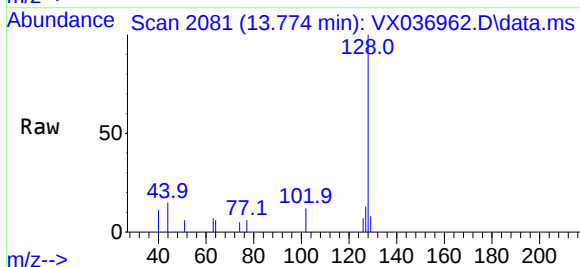
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-119S1-20230811

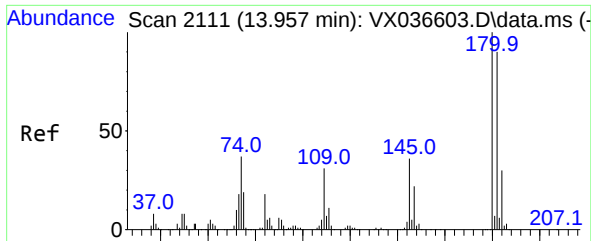
Tgt Ion:	225	Resp:	572
Ion	Ratio	Lower	Upper
225	100		
223	58.9	31.1	93.2
227	59.3	32.5	97.5



#95
Naphthalene
Concen: 0.302 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036962.D
Acq: 14 Aug 2023 14:12

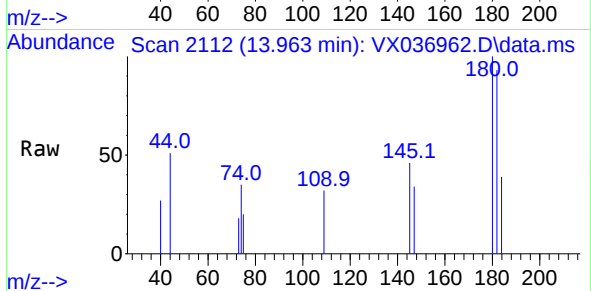
Tgt Ion:	128	Resp:	2009
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	7.4	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.282 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX036962.D
 Acq: 14 Aug 2023 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-119S1-20230811



Tgt Ion:	180	Resp:	530
Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.9	140.6
145	36.0	17.8	53.5

