

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037206.D
 Acq On : 24 Aug 2023 11:04
 Operator : JC/MD
 Sample : 04047-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230816

Quant Time: Aug 24 23:37:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

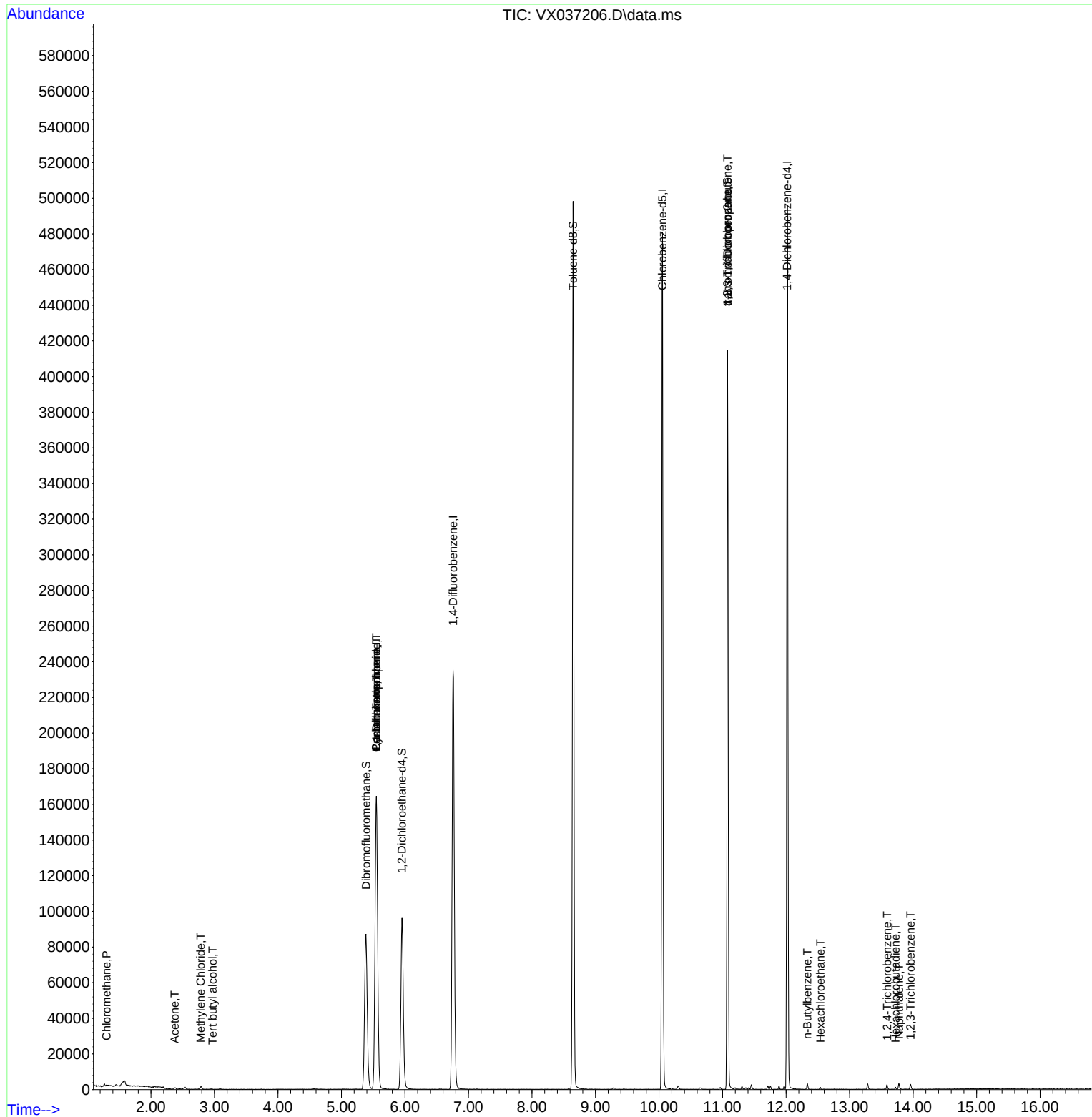
Internal Standards						
1) Pentafluorobenzene	5.550	168	153395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	251639	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95943	43.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.760%		
35) Dibromofluoromethane	5.385	113	77071	46.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.500%		
50) Toluene-d8	8.647	98	293737	48.590	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.180%		
62) 4-Bromofluorobenzene	11.079	95	111744	47.037	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.080%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	364	0.234	ug/l #	43
11) Tert butyl alcohol	2.971	59	178	0.343	ug/l #	78
16) Acetone	2.373	43	979	1.132	ug/l	99
20) Methylene Chloride	2.782	84	752	0.389	ug/l #	77
31) Cyclohexane	5.550	56	3207	1.290	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12148	5.131	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16842	6.548	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	57623	26.049	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57623	72.756	ug/l #	5
89) n-Butylbenzene	12.335	91	1146	0.229	ug/l	93
90) Hexachloroethane	12.542	117	202	0.200	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	857	0.433	ug/l	90
94) Hexachlorobutadiene	13.725	225	232	0.304	ug/l	81
95) Naphthalene	13.780	128	2617	0.302	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	893	0.454	ug/l	94

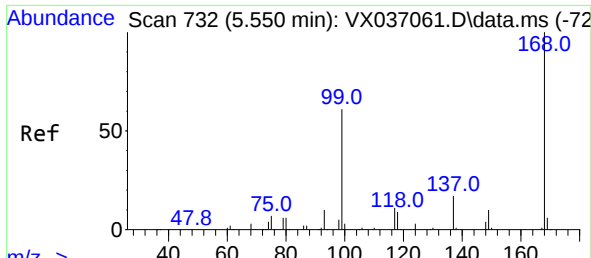
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

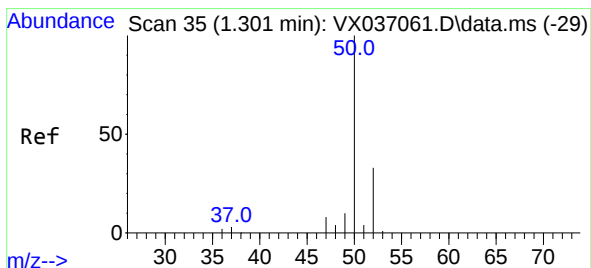
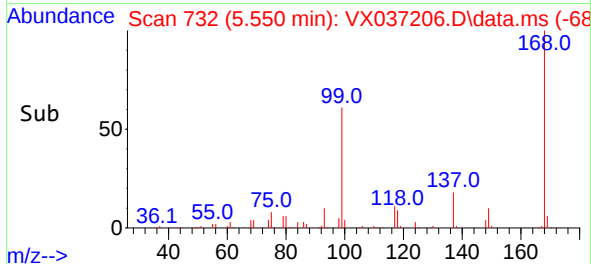
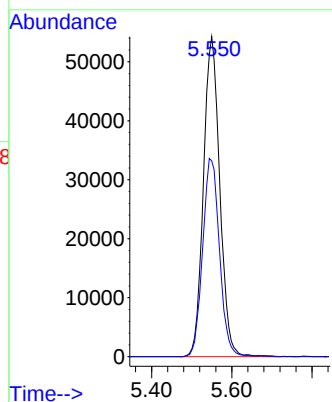
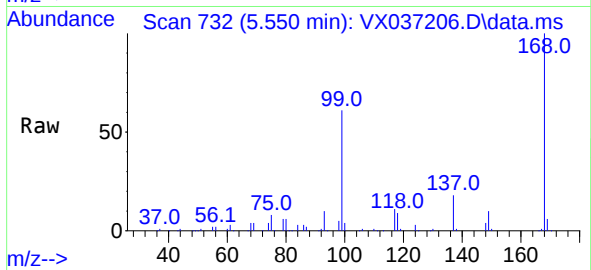




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

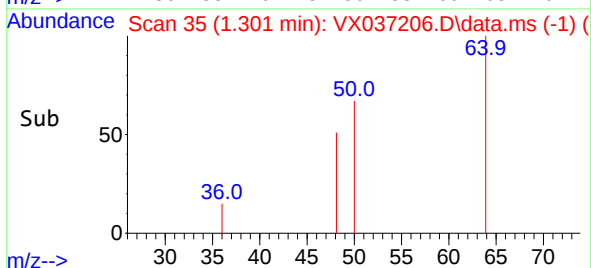
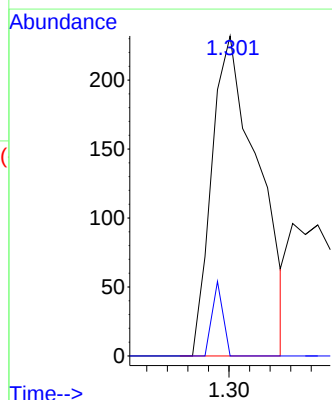
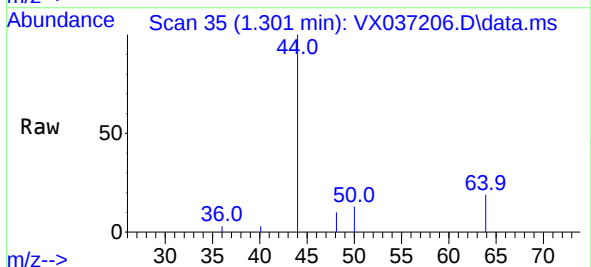
Instrument :
MSVOA_X
ClientSampleId :
TB-20230816

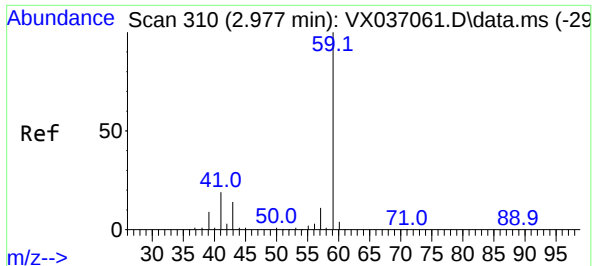
Tgt Ion:168 Resp: 153395
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion: 50 Resp: 364
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

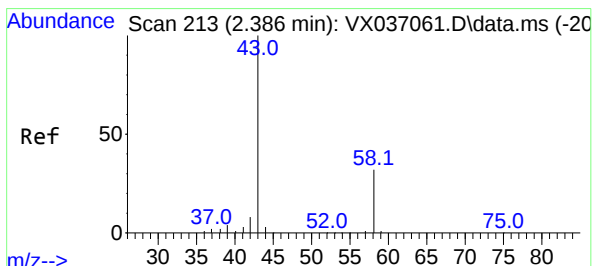
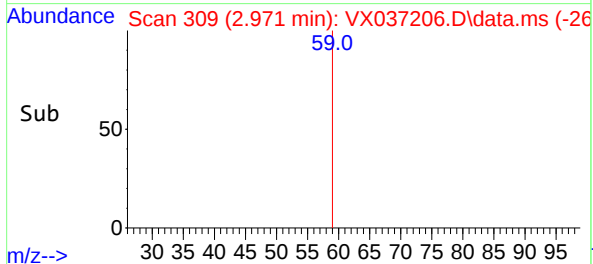
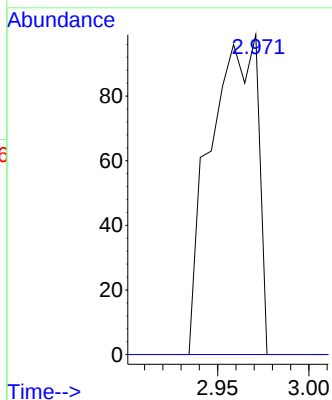
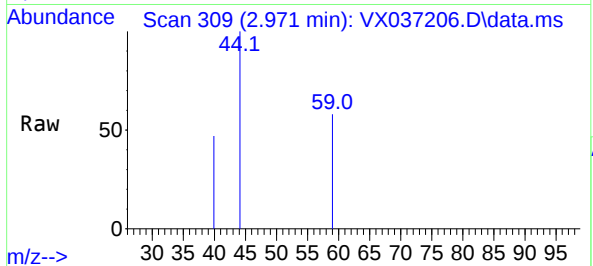




#11
Tert butyl alcohol
Concen: 0.343 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

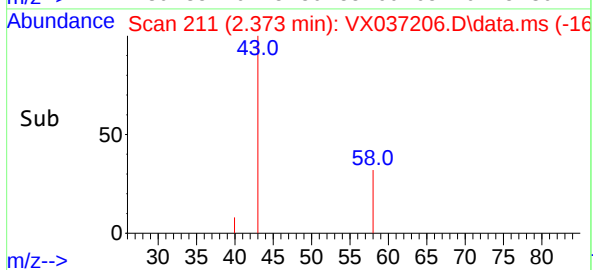
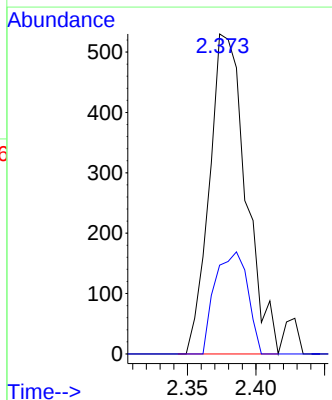
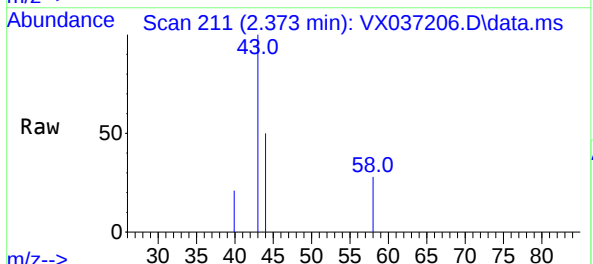
Instrument :
MSVOA_X
ClientSampleId :
TB-20230816

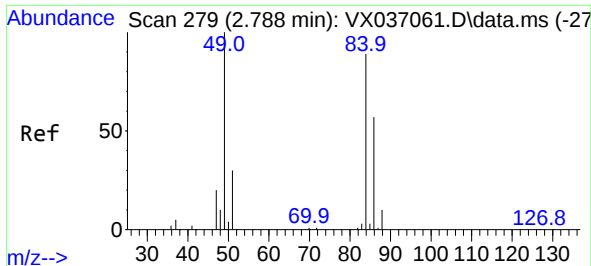
Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.132 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 27.7 21.9 32.9



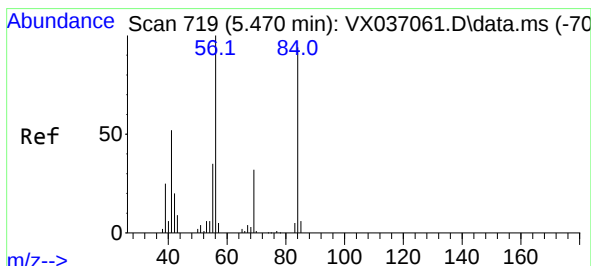
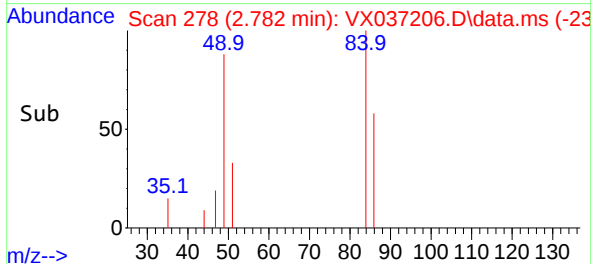
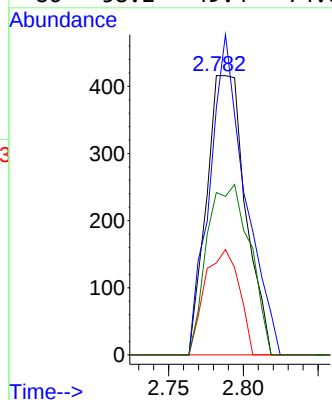
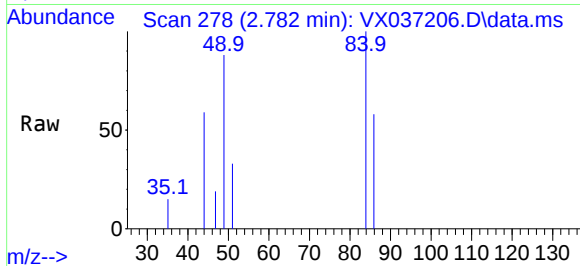


#20
Methylene Chloride
Concen: 0.389 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Instrument :
MSVOA_X
ClientSampleId :
TB-20230816

Tgt Ion: 84 Resp: 752

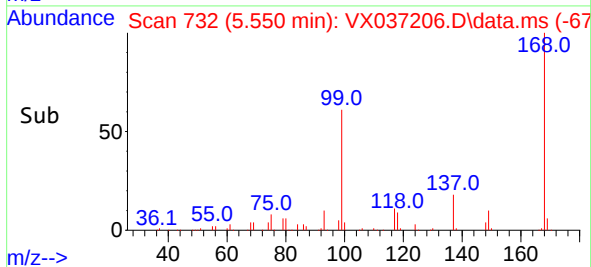
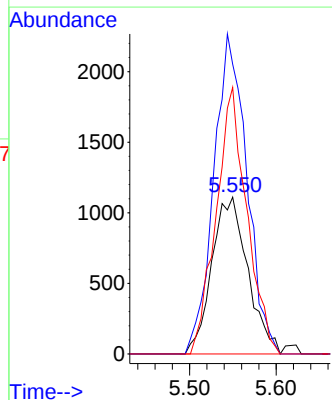
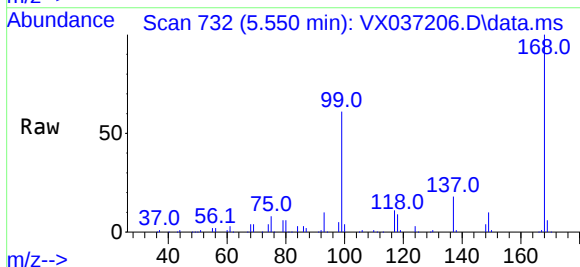
Ion	Ratio	Lower	Upper
84	100		
49	88.5	103.6	155.4#
51	32.9	33.8	50.6#
86	58.2	49.4	74.0

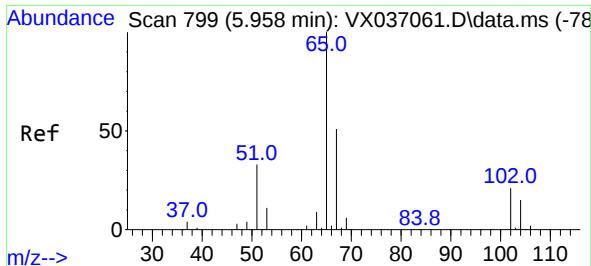


#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion: 56 Resp: 3207

Ion	Ratio	Lower	Upper
56	100		
69	184.8	23.4	35.2#
84	169.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.384 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX037206.D

Acq: 24 Aug 2023 11:04

Instrument :

MSVOA_X

ClientSampleId :

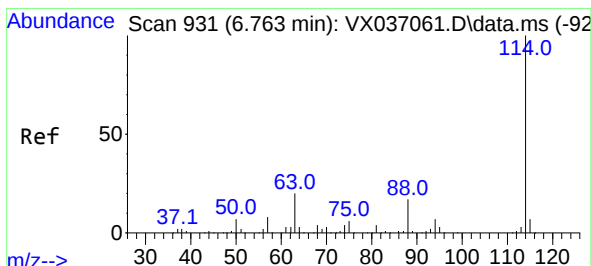
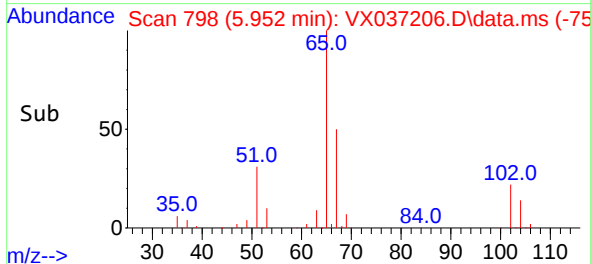
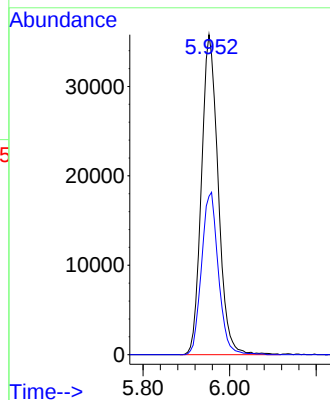
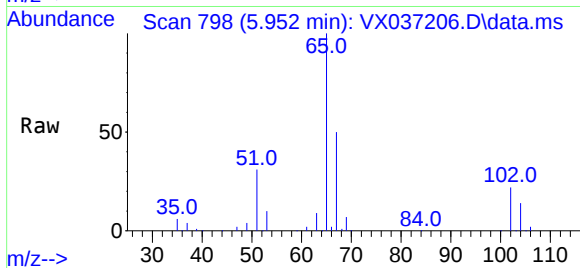
TB-20230816

Tgt Ion: 65 Resp: 95943

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037206.D

Acq: 24 Aug 2023 11:04

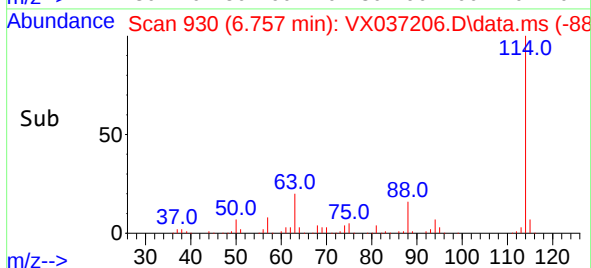
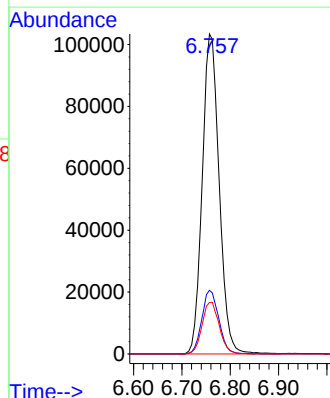
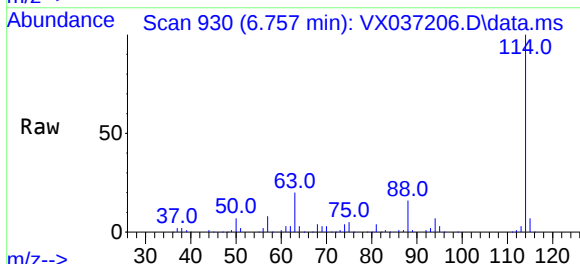
Tgt Ion: 114 Resp: 251639

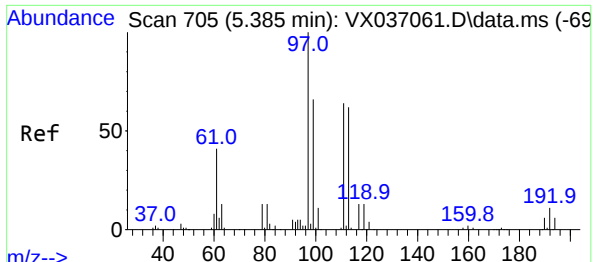
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

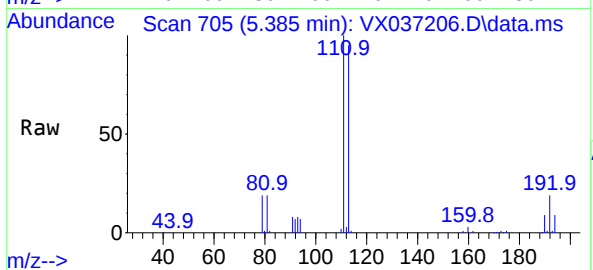
88 16.1 0.0 36.6



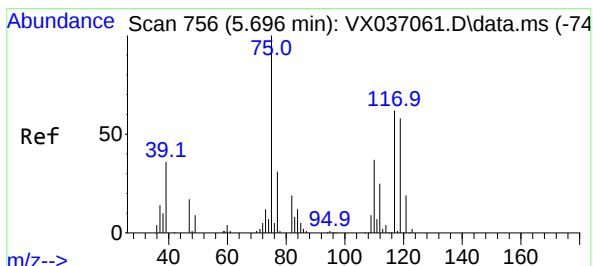
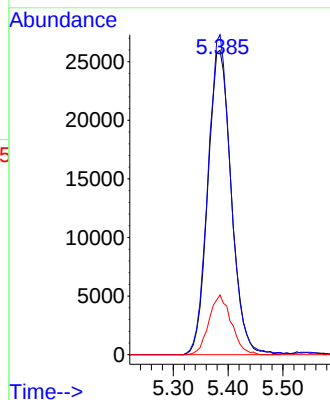
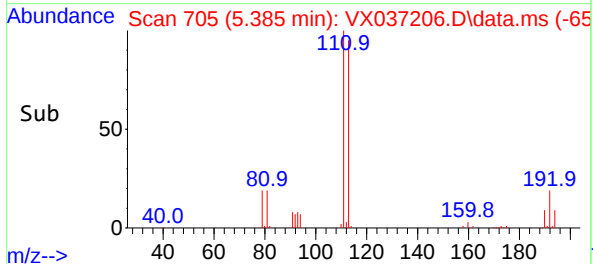


#35
Dibromofluoromethane
Concen: 46.246 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

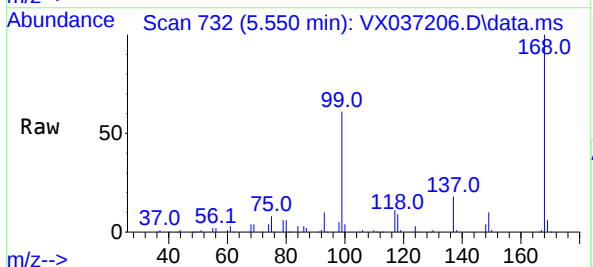
Instrument :
MSVOA_X
ClientSampleId :
TB-20230816



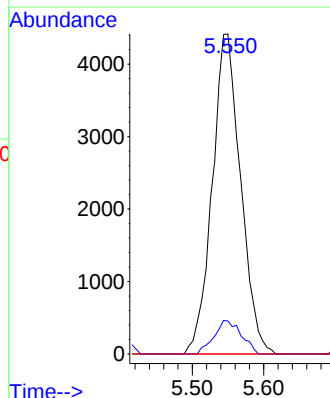
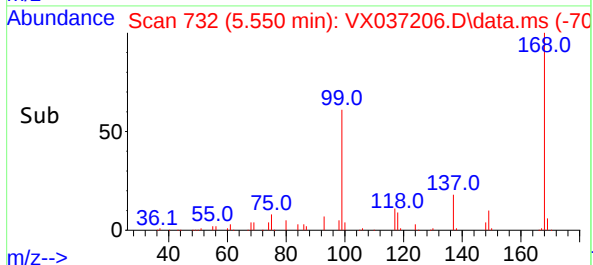
Tgt Ion:113 Resp: 77071
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.7 13.3 19.9

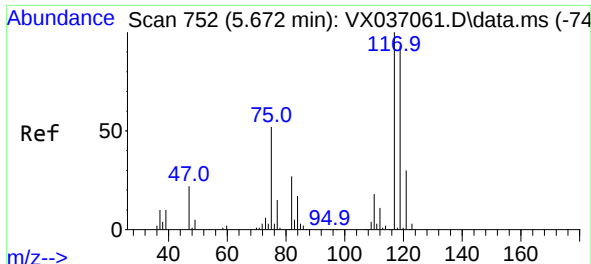


#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04



Tgt Ion: 75 Resp: 12148
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

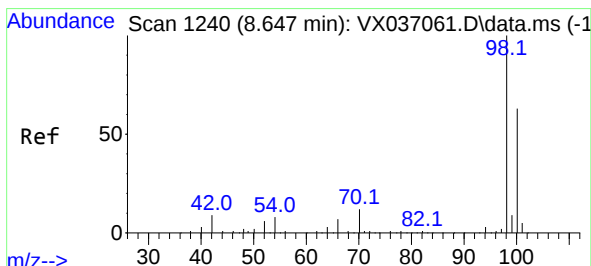
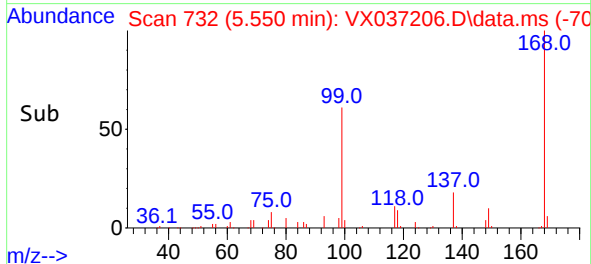
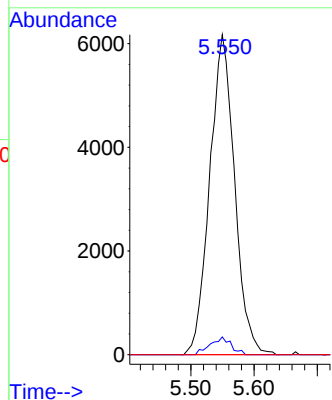
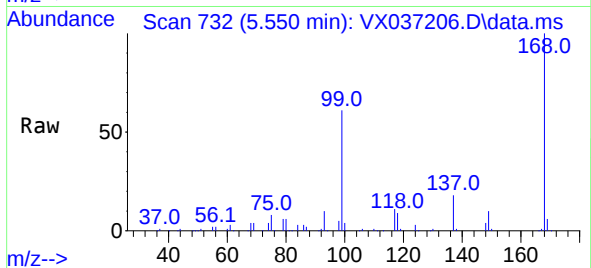




#38
Carbon Tetrachloride
Concen: 6.548 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

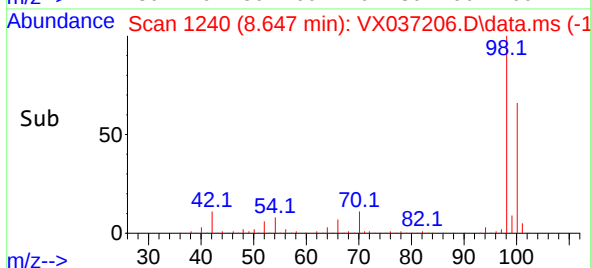
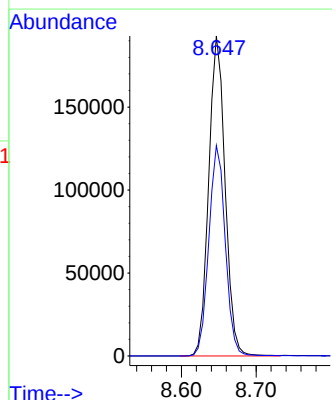
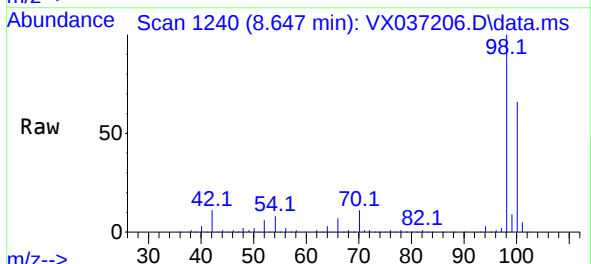
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TB-20230816

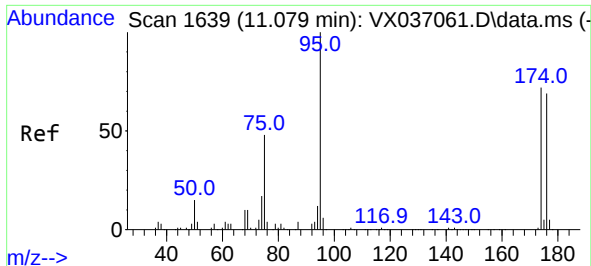
Tgt Ion:117 Resp: 16842
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.590 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion: 98 Resp: 293737
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

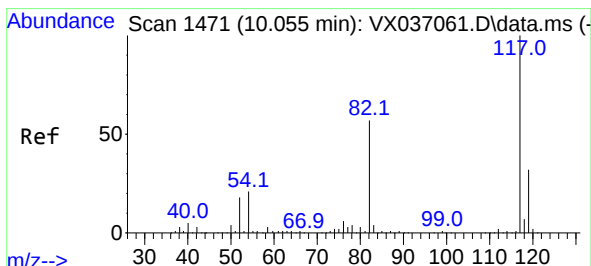
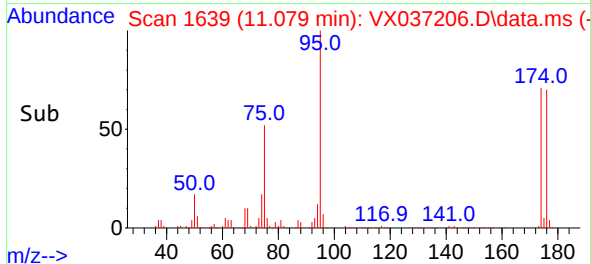
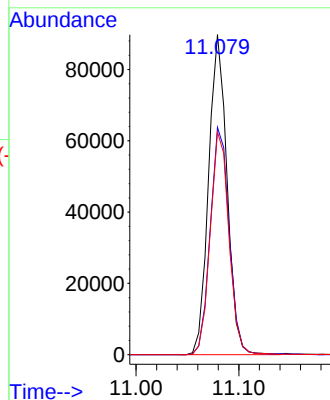
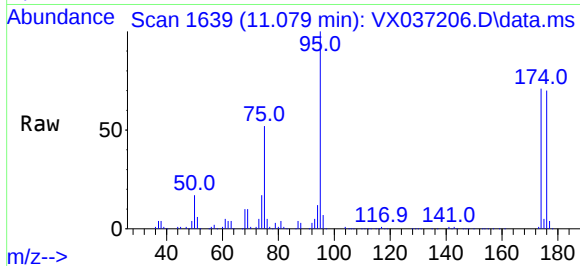




#62
4-Bromofluorobenzene
Concen: 47.037 ug/l
RT: 11.079 min Scan# 111744
Delta R.T. 0.000 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

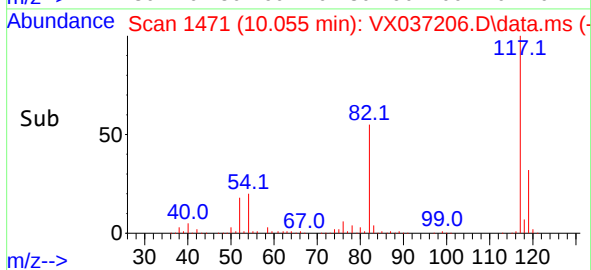
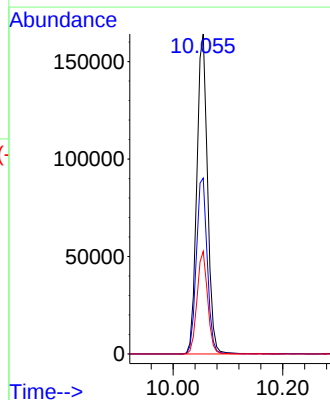
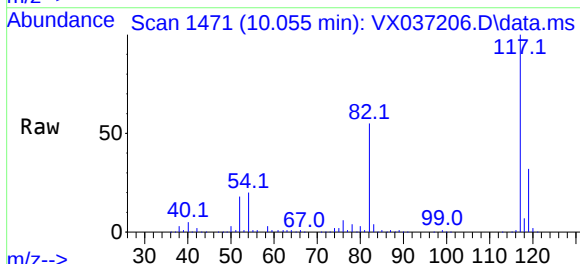
Instrument :
MSVOA_X
ClientSampleId :
TB-20230816

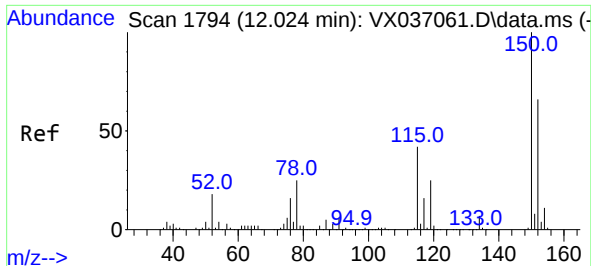
Tgt Ion: 95 Resp: 111744
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion: 117 Resp: 224292
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.1 25.5 38.3

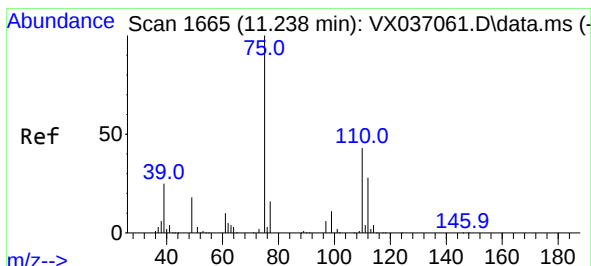
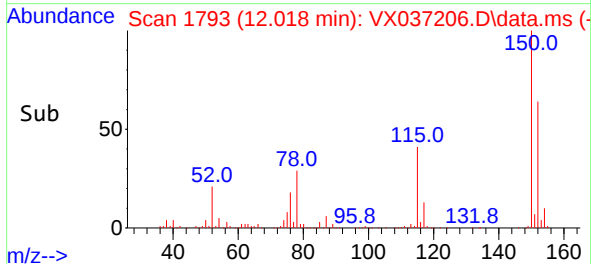
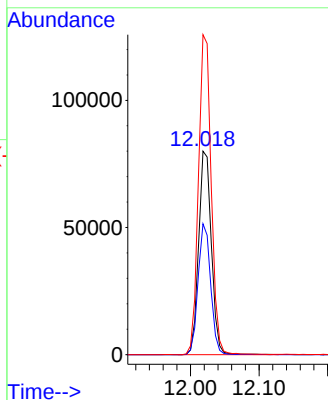
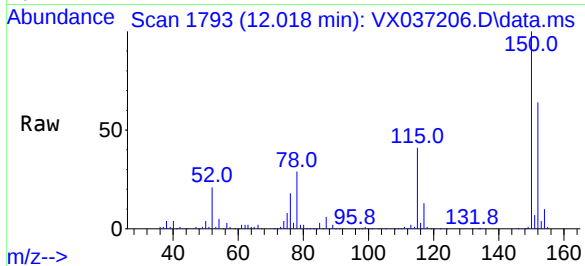




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

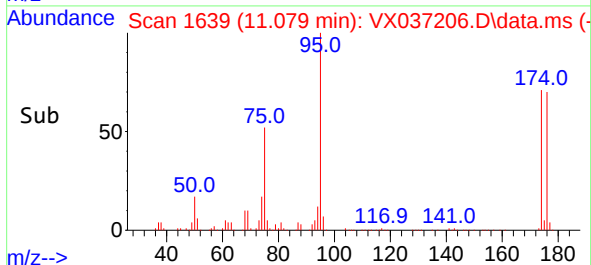
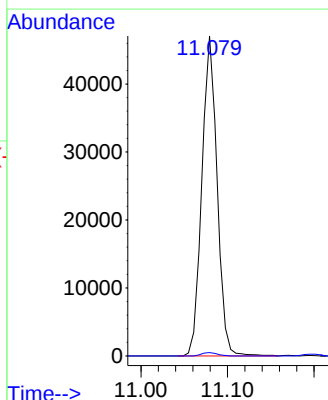
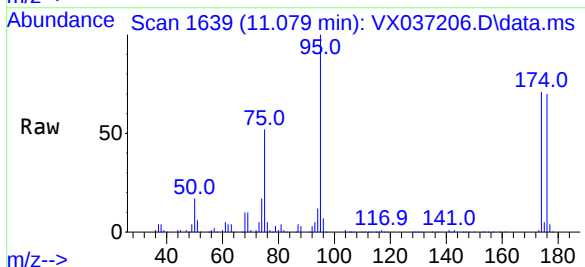
Instrument :
MSVOA_X
ClientSampleId :
TB-20230816

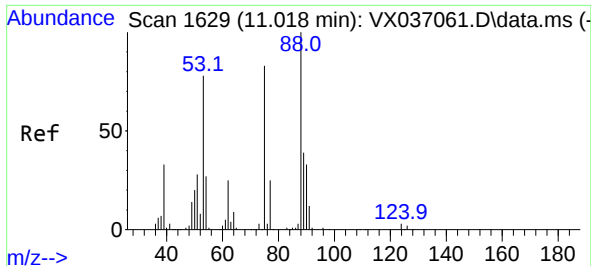
Tgt Ion:152 Resp: 103871
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 157.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion: 75 Resp: 57623
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

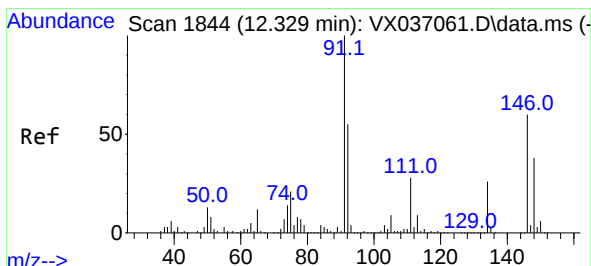
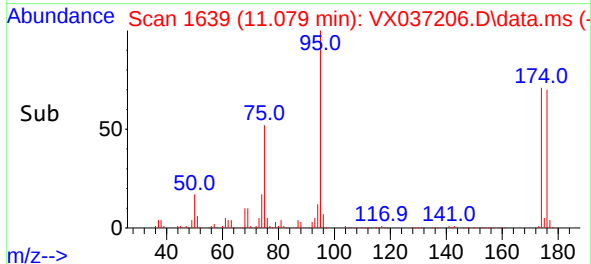
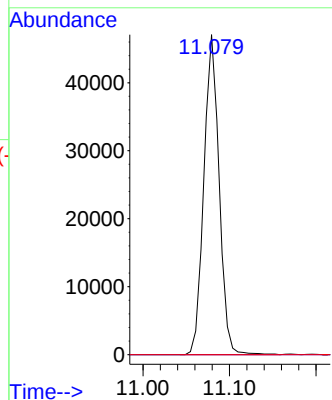
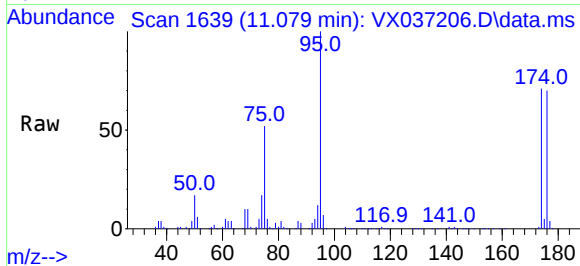




#81
trans-1,4-Dichloro-2-butene
Concen: 72.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

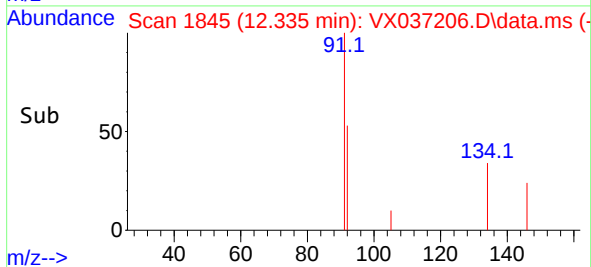
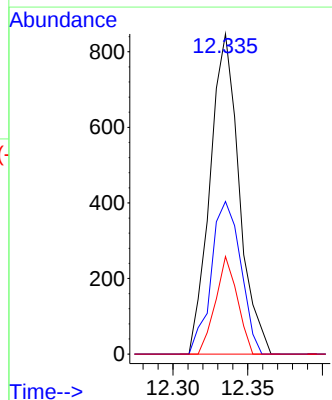
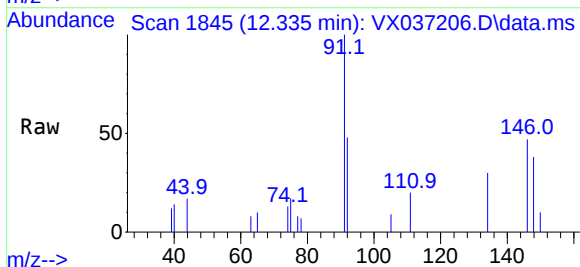
Instrument :
MSVOA_X
ClientSampleId :
TB-20230816

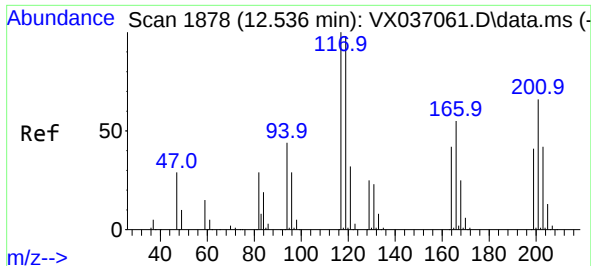
Tgt Ion: 75 Resp: 57623
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.229 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion: 91 Resp: 1146
Ion Ratio Lower Upper
91 100
92 48.4 27.4 82.0
134 22.9 12.6 37.8

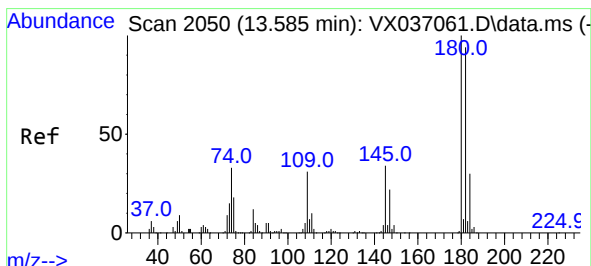
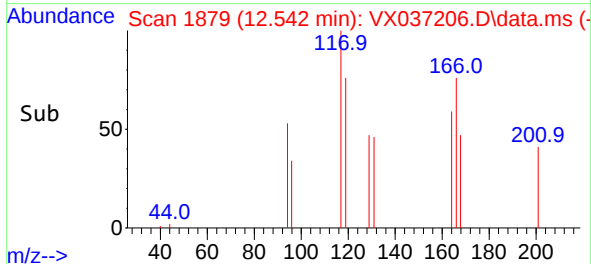
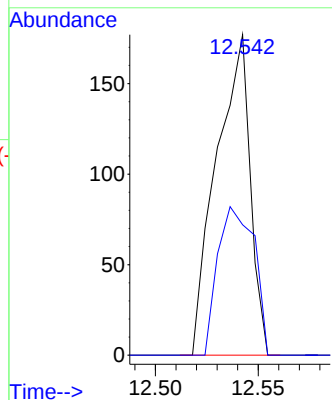
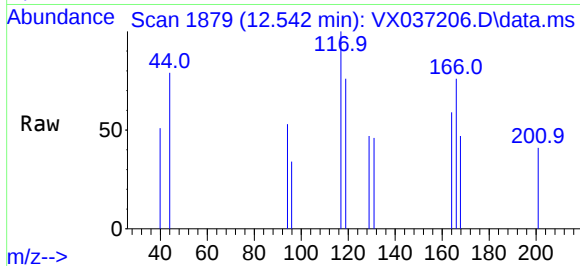




#90
Hexachloroethane
Concen: 0.200 ug/l
RT: 12.542 min Scan# 117
Delta R.T. 0.006 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

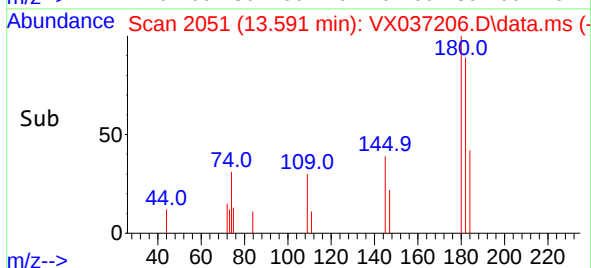
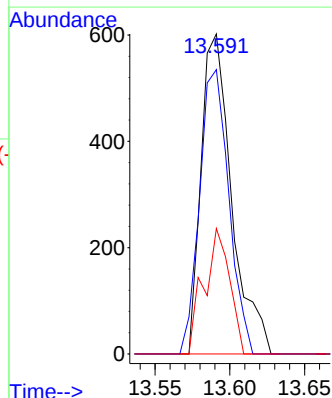
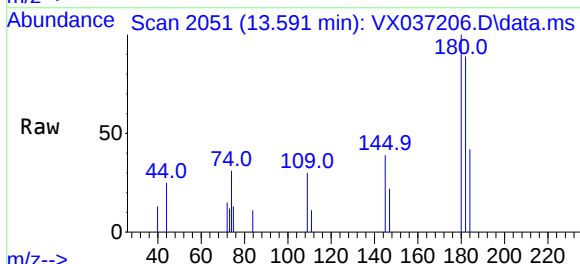
Instrument :
MSVOA_X
ClientSampleId :
TB-20230816

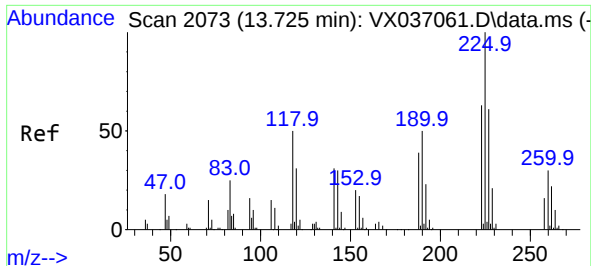
Tgt Ion:117 Resp: 202
Ion Ratio Lower Upper
117 100
201 50.0 32.9 98.6



#93
1,2,4-Trichlorobenzene
Concen: 0.433 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion:180 Resp: 857
Ion Ratio Lower Upper
180 100
182 84.7 48.3 144.8
145 32.7 18.0 54.0

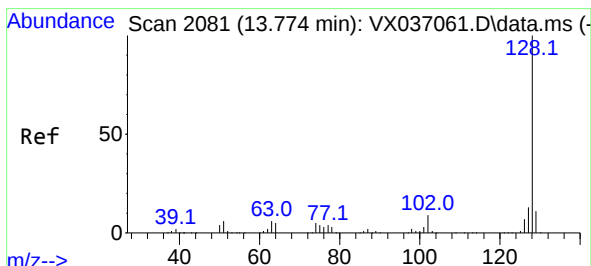
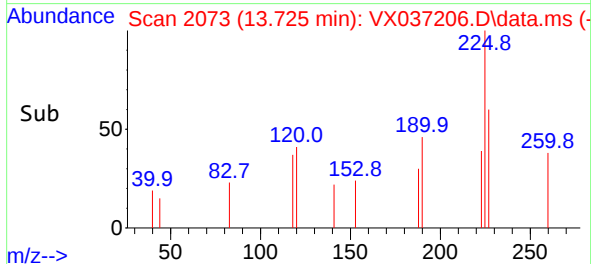
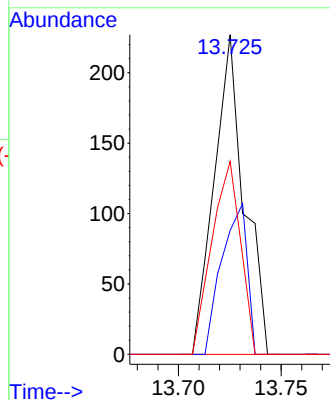
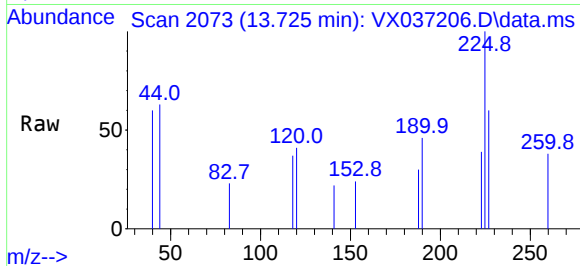




#94
Hexachlorobutadiene
Concen: 0.304 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

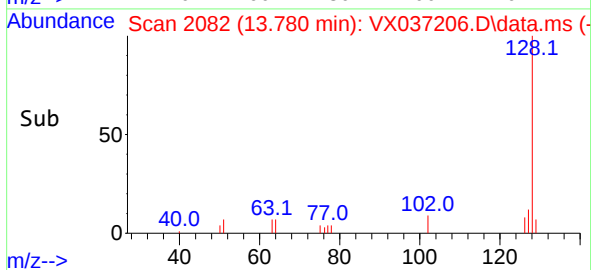
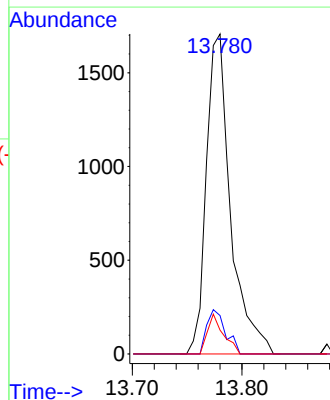
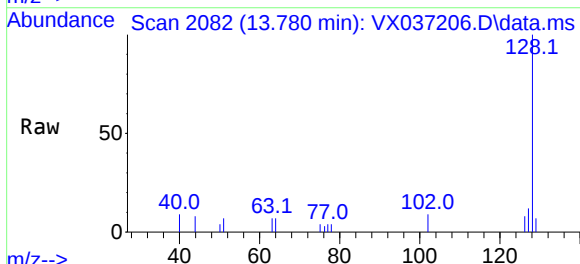
Instrument :
MSVOA_X
ClientSampleId :
TB-20230816

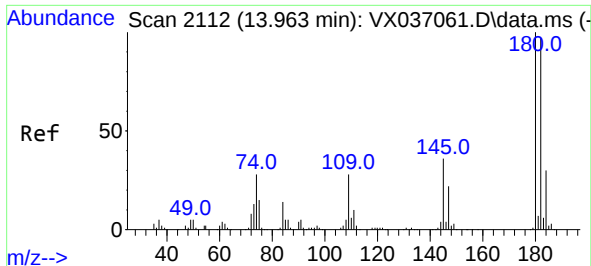
Tgt Ion:	225	Resp:	232
Ion	Ratio	Lower	Upper
225	100		
223	39.7	31.1	93.2
227	57.3	32.5	97.5



#95
Naphthalene
Concen: 0.302 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX037206.D
Acq: 24 Aug 2023 11:04

Tgt Ion:	128	Resp:	2617
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.3	15.5
129	8.2	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.454 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX037206.D
 Acq: 24 Aug 2023 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230816

Tgt Ion:180 Resp: 893
 Ion Ratio Lower Upper
 180 100
 182 86.9 46.9 140.6
 145 33.7 17.8 53.5

