

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031960.D
 Acq On : 07 Oct 2022 14:25
 Operator : JC/MD
 Sample : N5050-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-100622

Quant Time: Oct 08 05:11:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

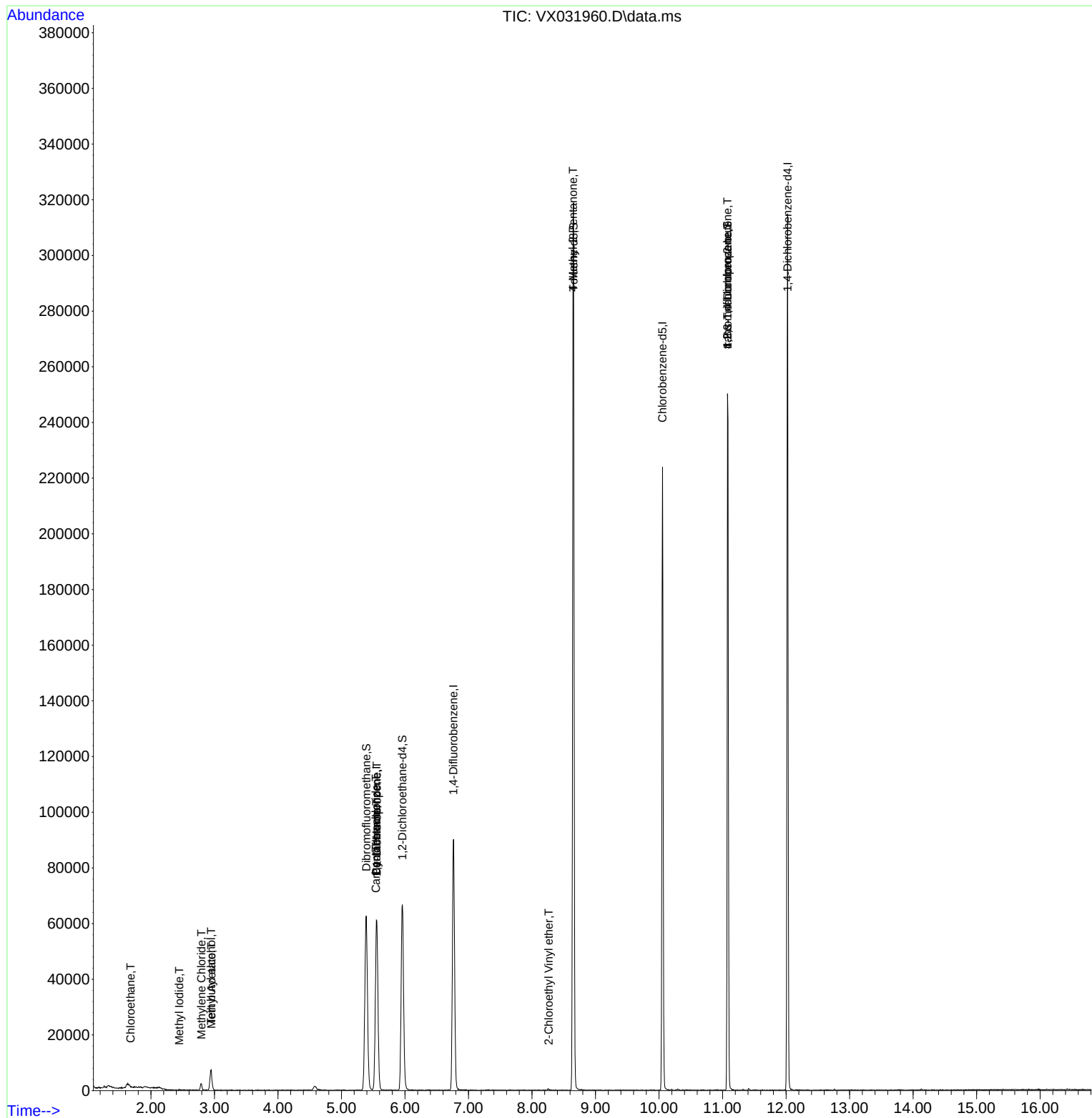
Internal Standards						
1) Pentafluorobenzene	5.550	168	59213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63940	52.287	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.580%			
35) Dibromofluoromethane	5.391	113	53336	49.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.020%			
50) Toluene-d8	8.653	98	190651	49.181	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.360%			
62) 4-Bromofluorobenzene	11.079	95	65942	48.116	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.240%			
Target Compounds			Qvalue			
5) Bromomethane	1.617	94	428	Below Cal #	78	
6) Chloroethane	1.678	64	185	0.202 ug/l #	43	
10) Methyl Iodide	2.447	142	43	2.796 ug/l #	38	
11) Tert butyl alcohol	2.946	59	4106	26.987 ug/l #	73	
18) Methyl Acetate	2.953	43	634	0.462 ug/l #	52	
20) Methylene Chloride	2.794	84	1222	1.119 ug/l #	68	
31) Cyclohexane	5.550	56	1239	0.848 ug/l #	1	
36) 1,1-Dichloropropene	5.556	75	4570	3.199 ug/l #	51	
38) Carbon Tetrachloride	5.544	117	6170	4.224 ug/l #	15	
51) 4-Methyl-2-Pentanone	8.647	43	821	0.607 ug/l #	1	
58) 2-Chloroethyl Vinyl ether	8.263	63	209	0.274 ug/l #	70	
76) 1,2,3-Trichloropropane	11.079	75	33659	26.279 ug/l #	37	
81) trans-1,4-Dichloro-2-b...	11.079	75	33659	90.142 ug/l #	11	

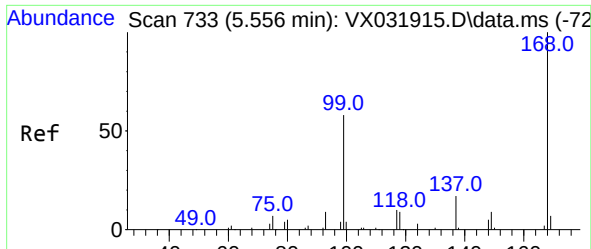
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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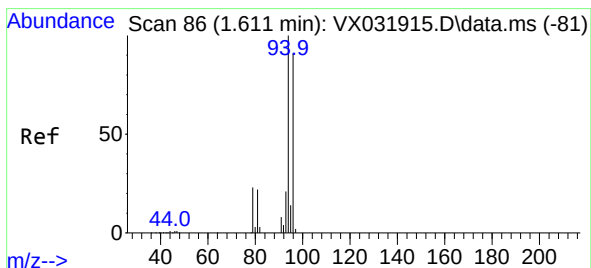
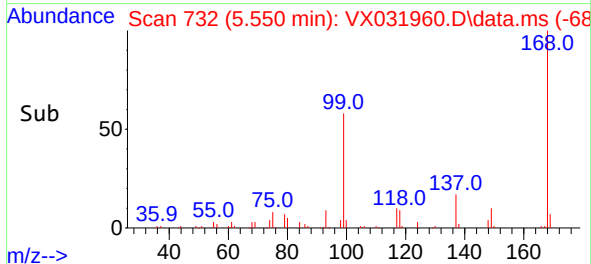
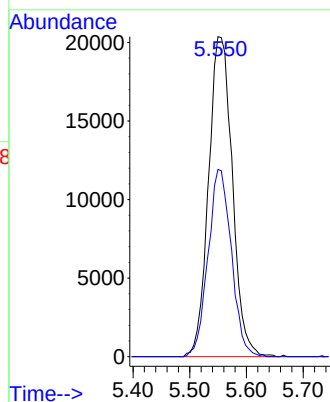
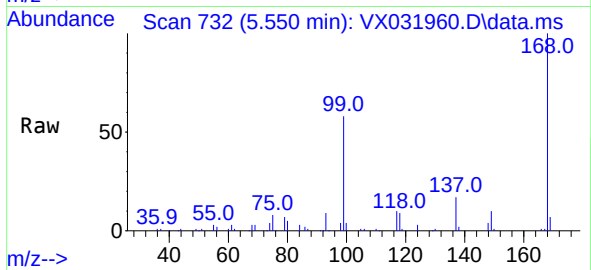




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

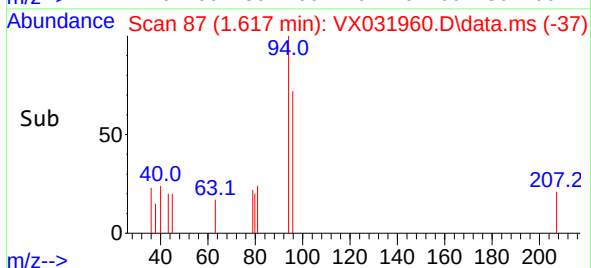
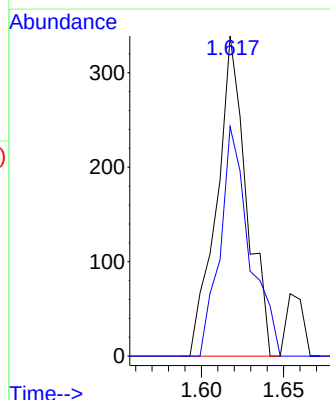
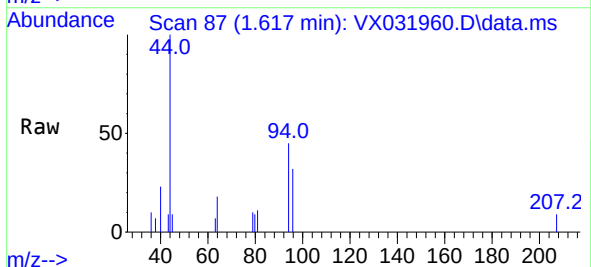
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100622

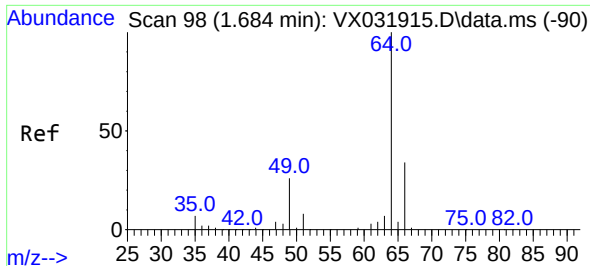
Tgt Ion:168 Resp: 59213
Ion Ratio Lower Upper
168 100
99 58.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 71.7 74.4 111.6#

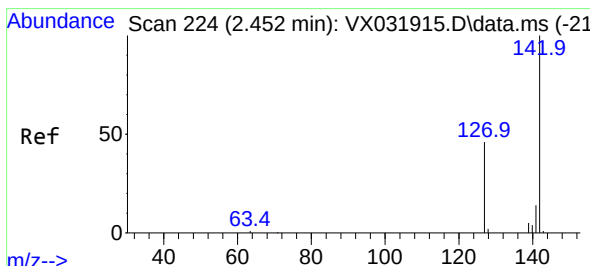
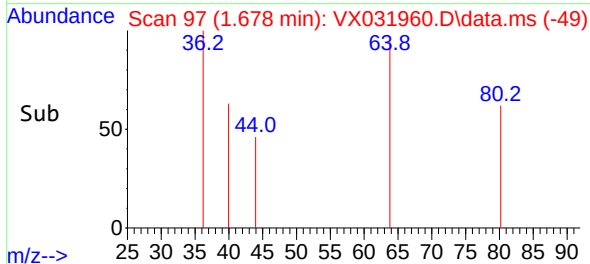
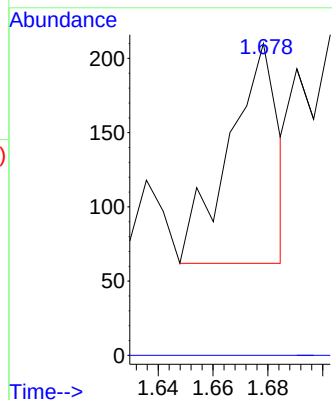
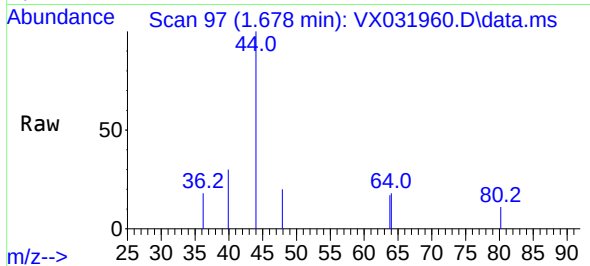




#6
Chloroethane
Concen: 0.202 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

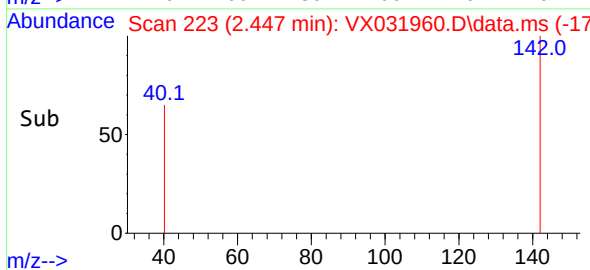
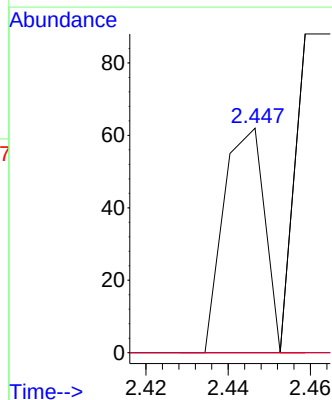
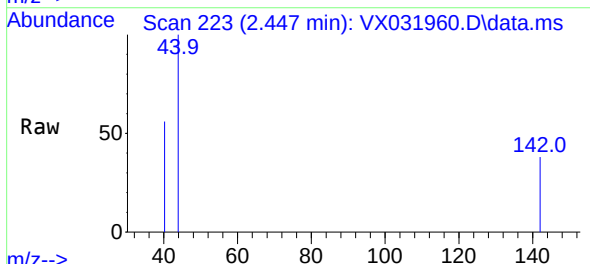
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100622

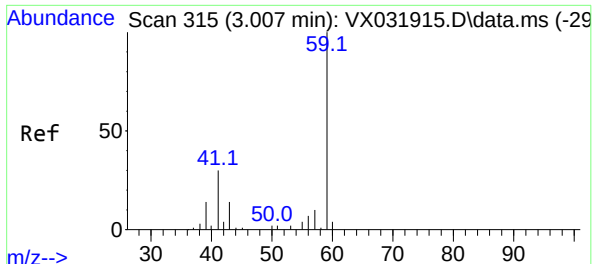
Tgt Ion: 64 Resp: 185
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 2.796 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.005 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Tgt Ion: 142 Resp: 43
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 26.987 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX031960.D

Acq: 07 Oct 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

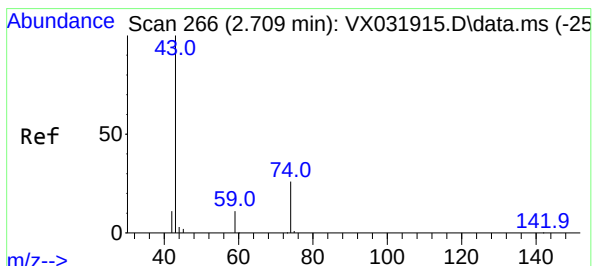
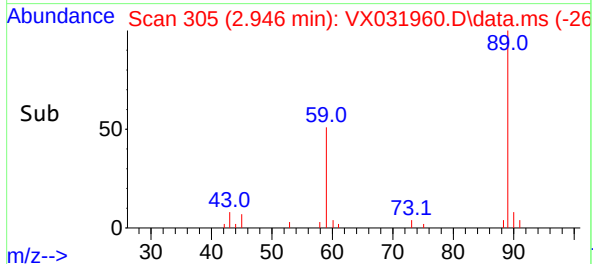
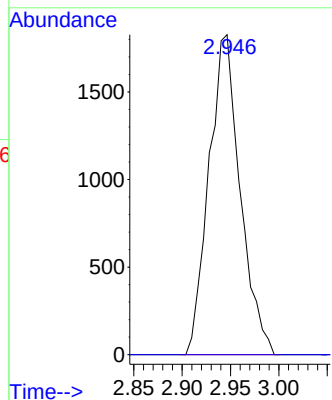
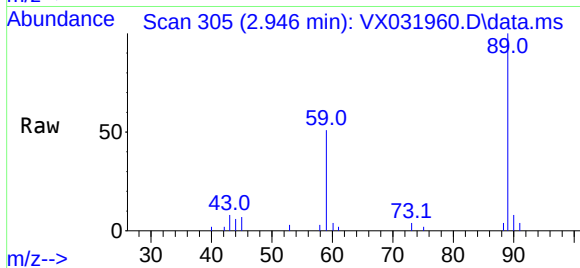
TB-01-100622

Tgt Ion: 59 Resp: 4106

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#18

Methyl Acetate

Concen: 0.462 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.244 min

Lab File: VX031960.D

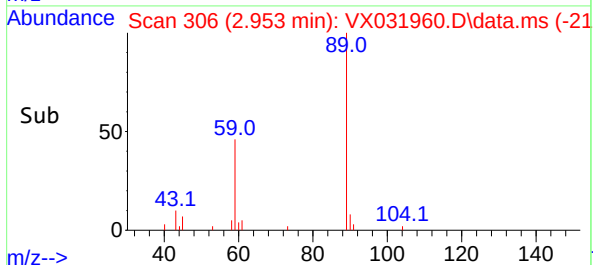
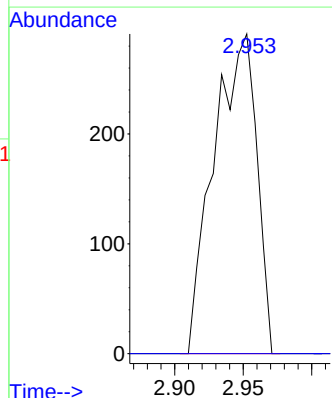
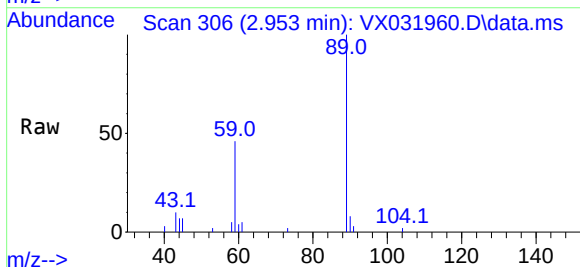
Acq: 07 Oct 2022 14:25

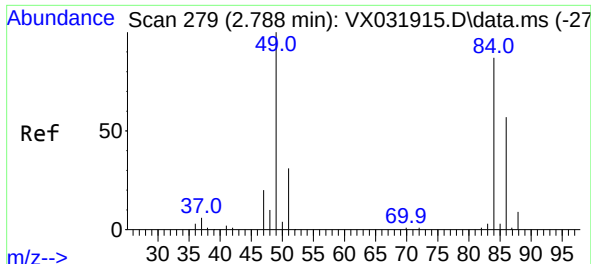
Tgt Ion: 43 Resp: 634

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



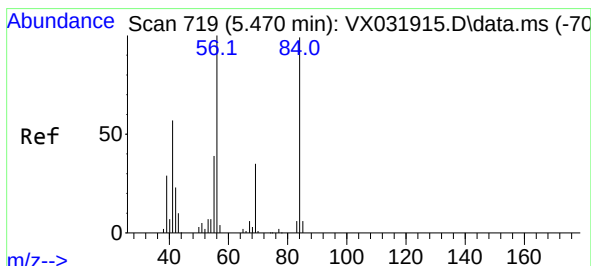
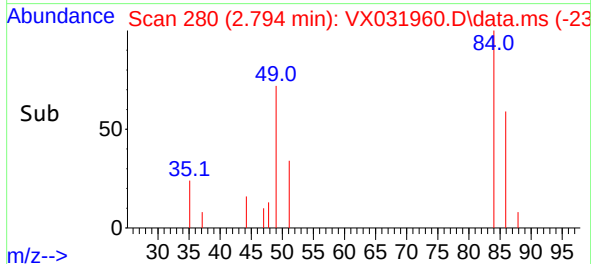
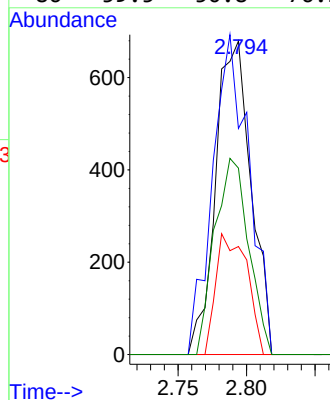
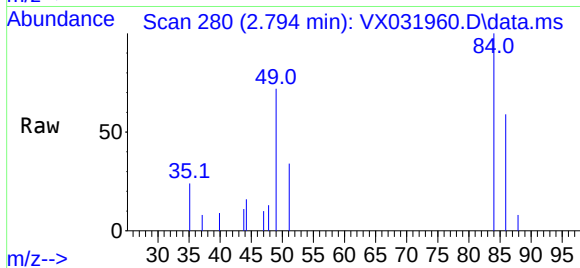


#20
Methylene Chloride
Concen: 1.119 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100622

Tgt Ion: 84 Resp: 1222

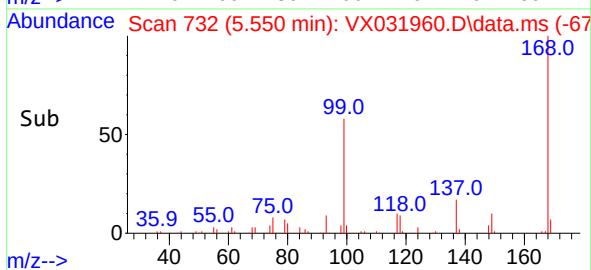
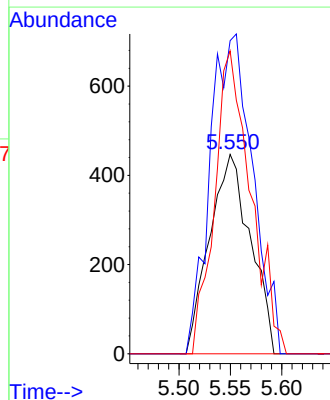
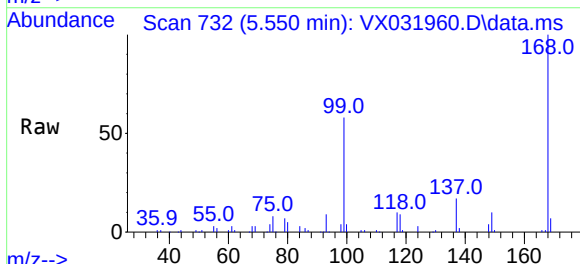
Ion	Ratio	Lower	Upper
84	100		
49	72.2	105.9	158.9#
51	34.5	32.2	48.2
86	59.5	50.8	76.2

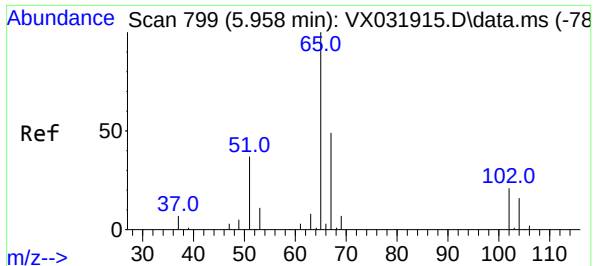


#31
Cyclohexane
Concen: 0.848 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Tgt Ion: 56 Resp: 1239

Ion	Ratio	Lower	Upper
56	100		
69	157.0	25.1	37.7#
84	151.9	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.287 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031960.D

Acq: 07 Oct 2022 14:25

Instrument :

MSVOA_X

ClientSampleId :

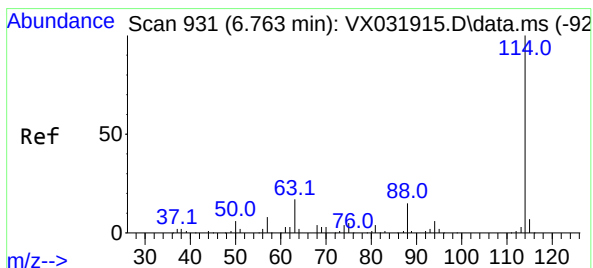
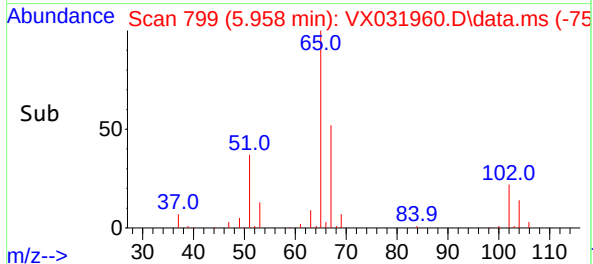
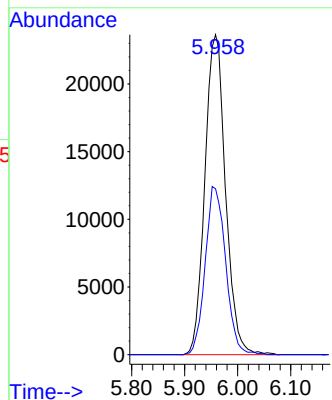
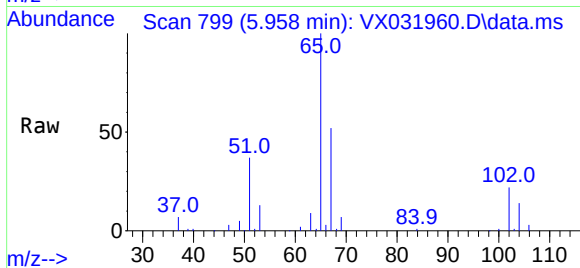
TB-01-100622

Tgt Ion: 65 Resp: 63940

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031960.D

Acq: 07 Oct 2022 14:25

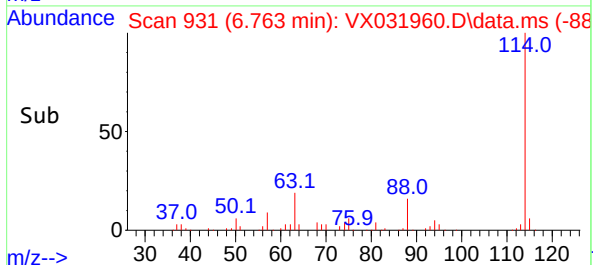
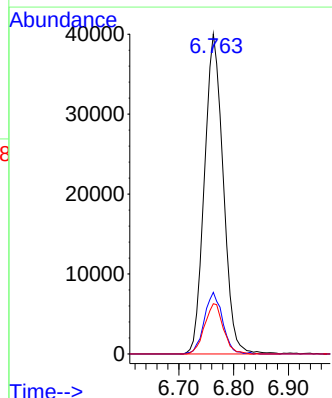
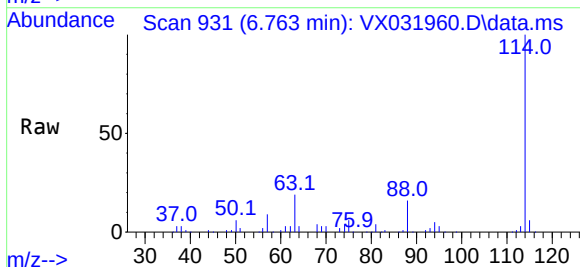
Tgt Ion: 114 Resp: 95174

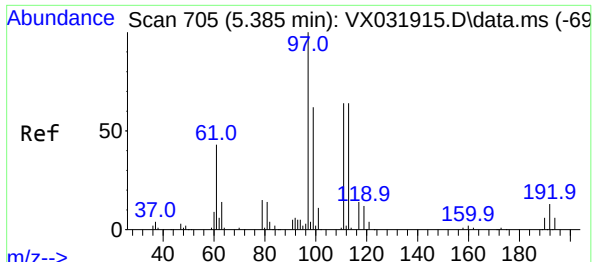
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

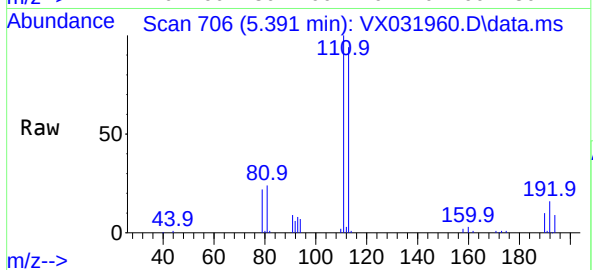
88 15.7 0.0 33.0



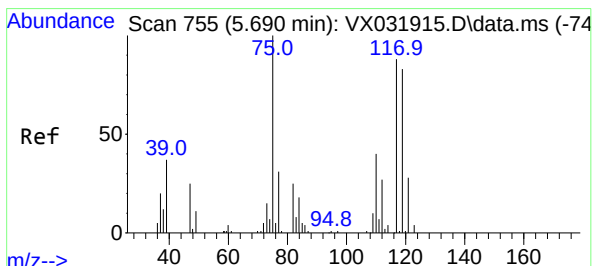
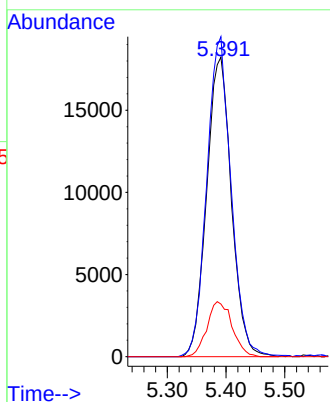
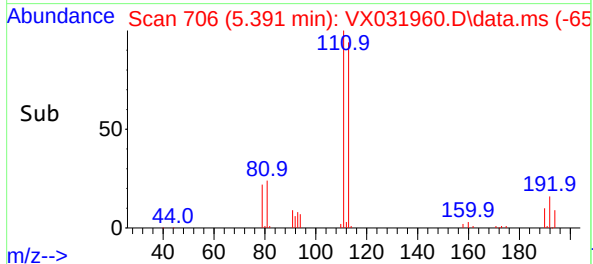


#35
Dibromofluoromethane
Concen: 49.508 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100622

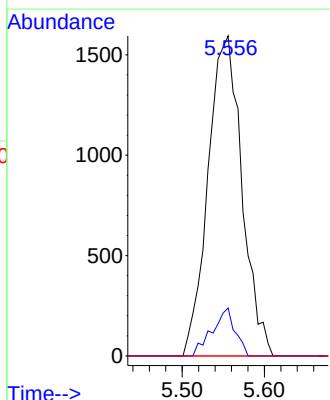
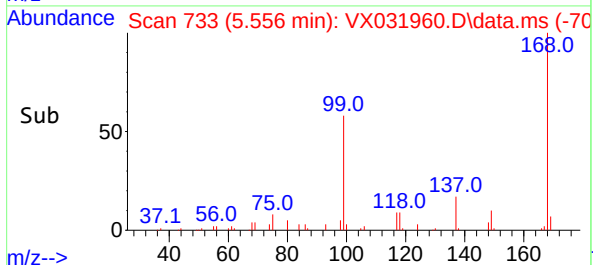
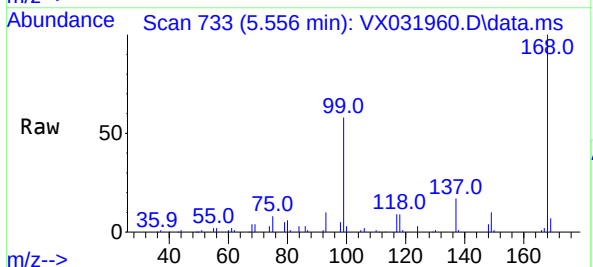


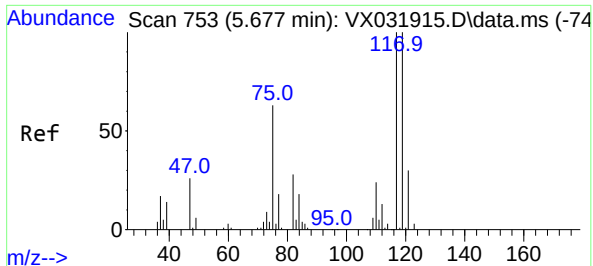
Tgt Ion:113 Resp: 53336
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 18.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.199 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

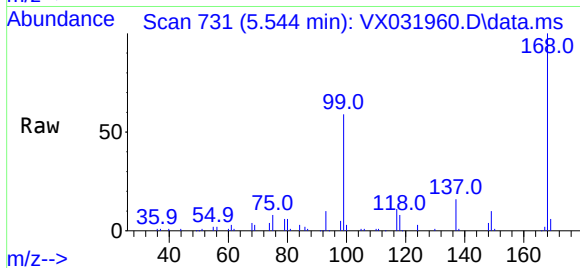
Tgt Ion: 75 Resp: 4570
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.9 37.3#



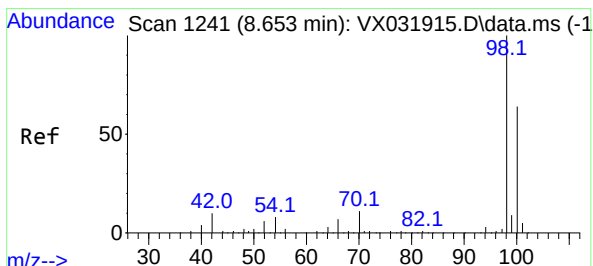
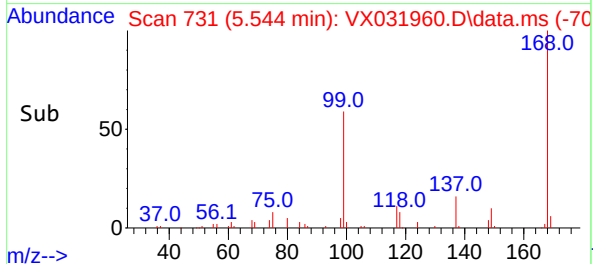
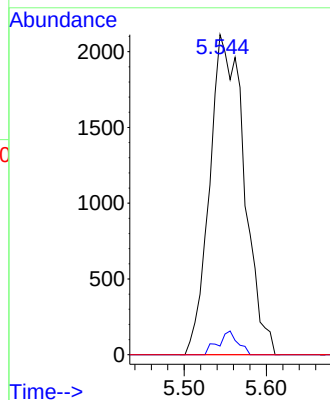


#38
Carbon Tetrachloride
Concen: 4.224 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100622

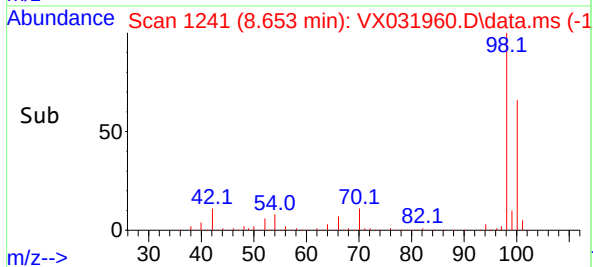
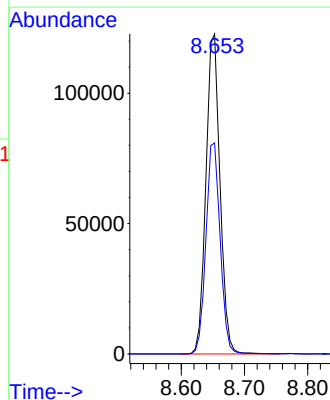
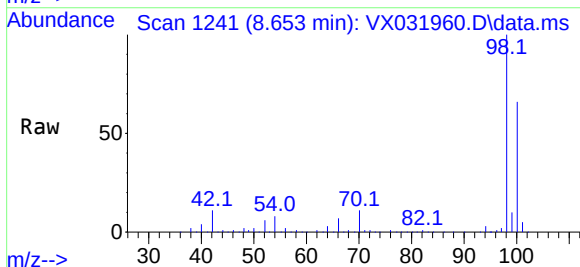


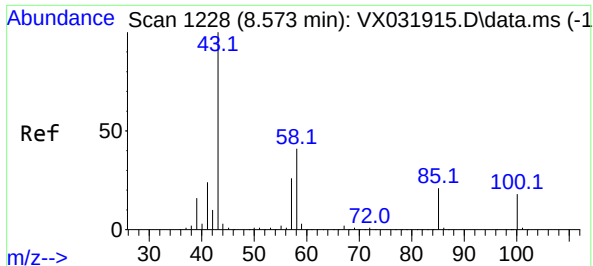
Tgt Ion:117 Resp: 6170
Ion Ratio Lower Upper
117 100
119 2.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 49.181 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Tgt Ion: 98 Resp: 190651
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

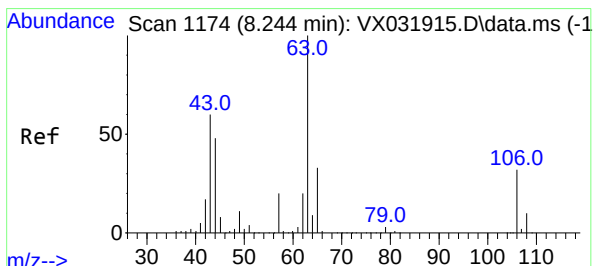
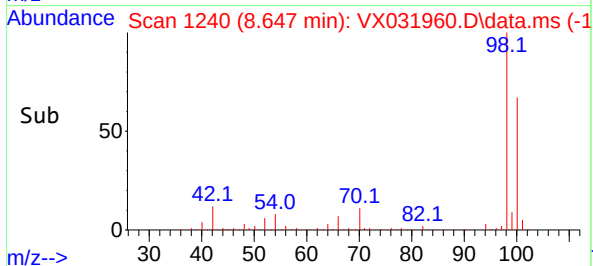
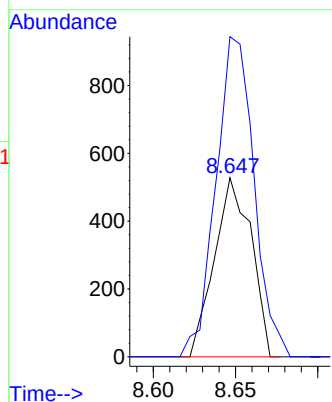
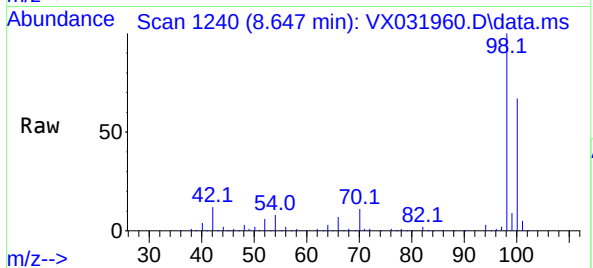




#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 8.647 min Scan# 1177
Delta R.T. 0.074 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

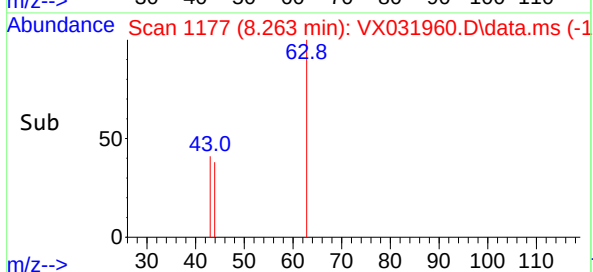
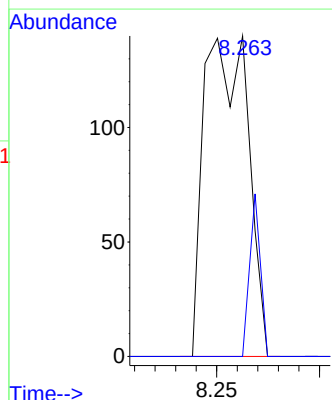
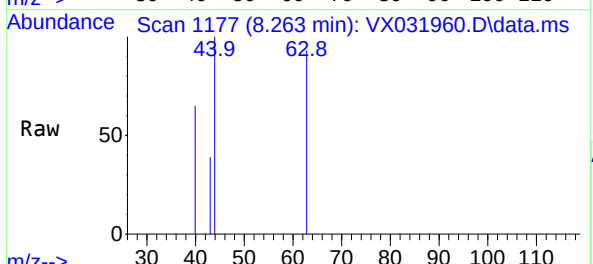
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100622

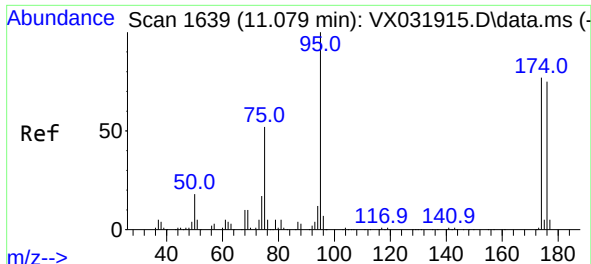
Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 185.4 30.6 46.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.274 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.019 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Tgt Ion: 63 Resp: 209
Ion Ratio Lower Upper
63 100
106 12.4 22.6 34.0#

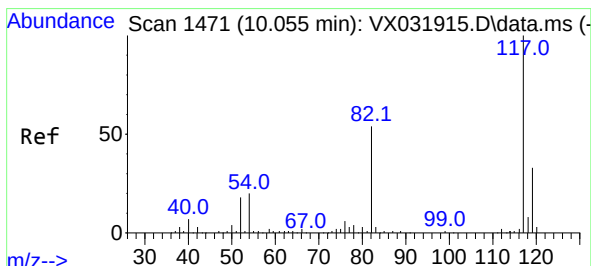
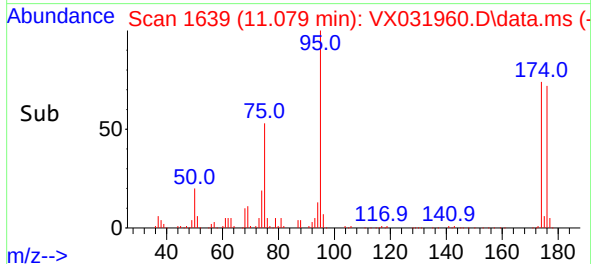
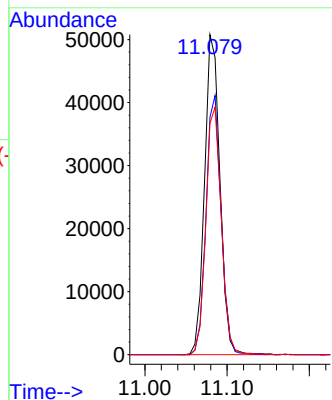
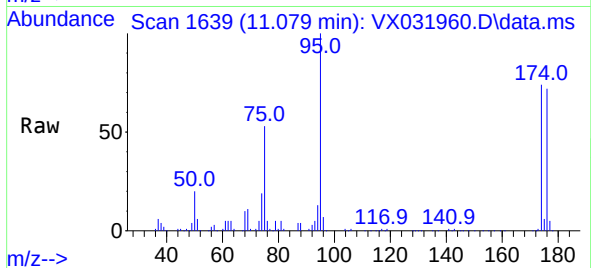




#62
4-Bromofluorobenzene
Concen: 48.116 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

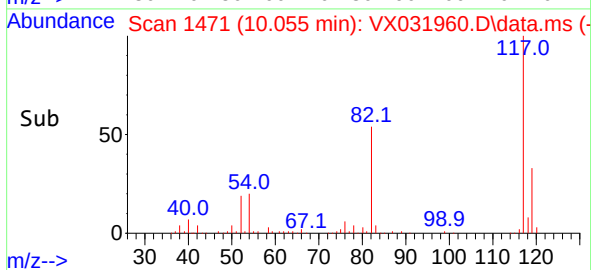
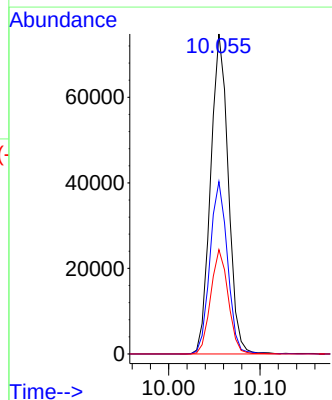
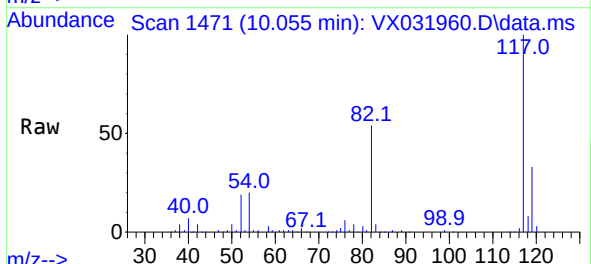
Instrument :
MSVOA_X
ClientSampleId :
TB-01-100622

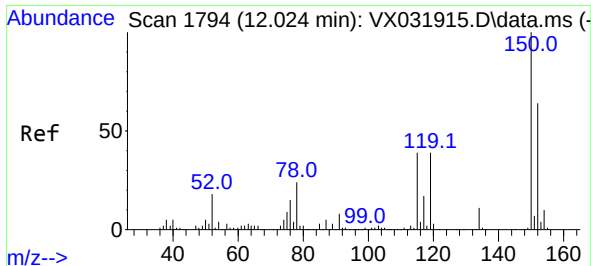
Tgt Ion: 95 Resp: 65942
Ion Ratio Lower Upper
95 100
174 79.5 0.0 153.2
176 77.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

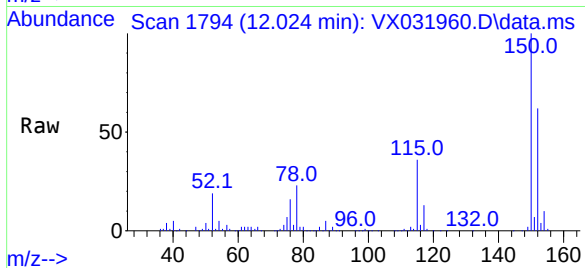
Tgt Ion: 117 Resp: 100196
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 32.6 26.4 39.6



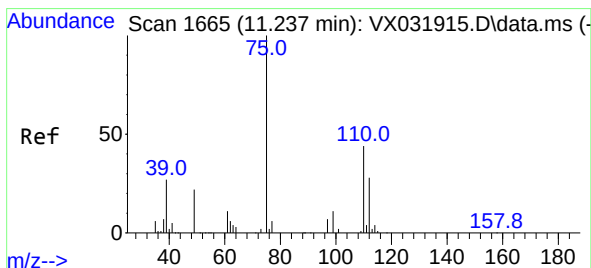
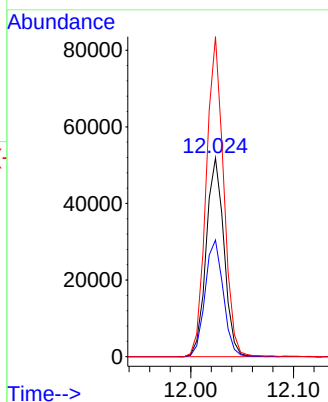
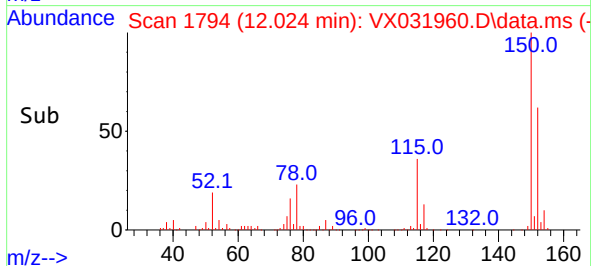


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100622

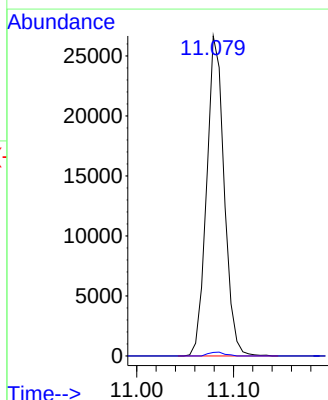
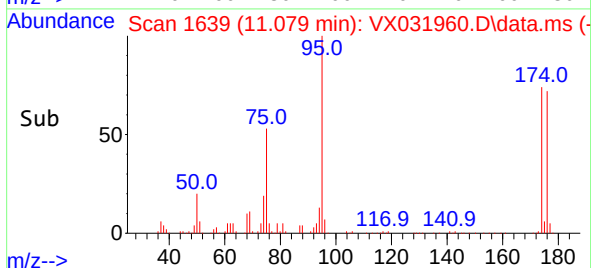
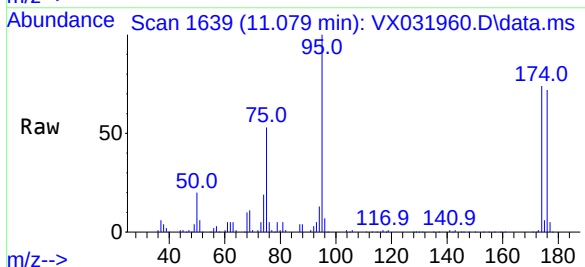


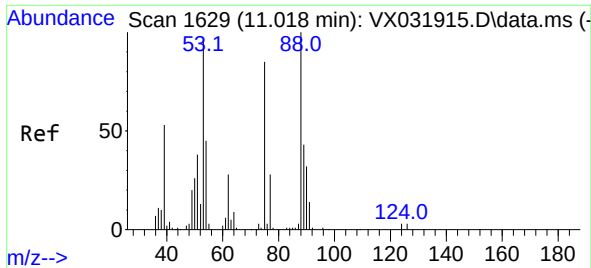
Tgt Ion:152 Resp: 62495
Ion Ratio Lower Upper
152 100
115 60.1 43.4 130.1
150 157.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 26.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031960.D
Acq: 07 Oct 2022 14:25

Tgt Ion: 75 Resp: 33659
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.142 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031960.D
 Acq: 07 Oct 2022 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-100622

Tgt Ion: 75 Resp: 33659
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

