

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043615.D
 Acq On : 30 Oct 2024 11:42
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Oct 31 09:42:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

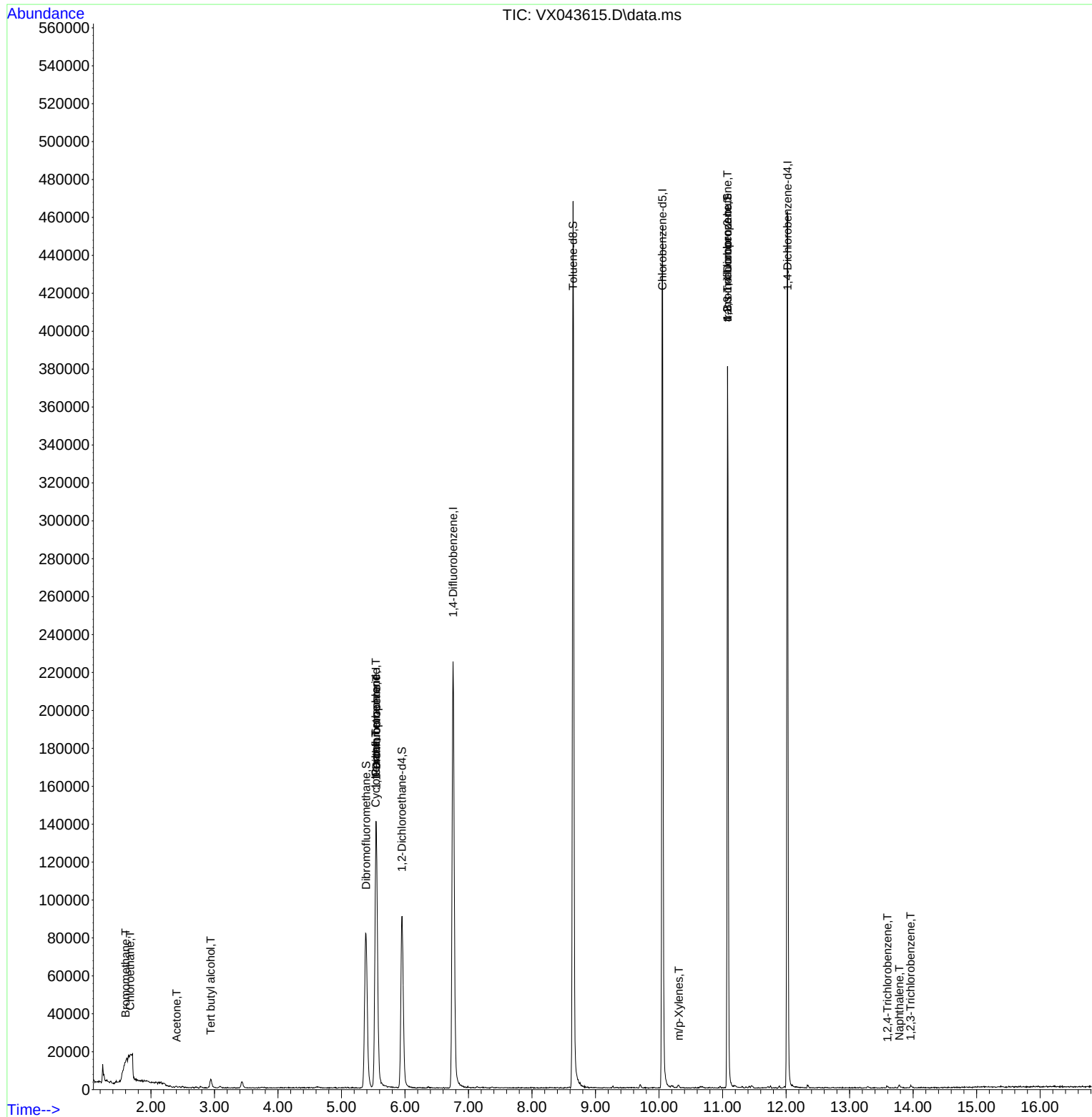
Internal Standards						
1) Pentafluorobenzene	5.544	168	135825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88217	40.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.460%
35) Dibromofluoromethane	5.385	113	74851	44.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.160%
50) Toluene-d8	8.647	98	293968	50.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.040%
62) 4-Bromofluorobenzene	11.079	95	106648	48.968	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	364	0.518	ug/l #	75
6) Chloroethane	1.672	64	157	0.259	ug/l #	1
11) Tert butyl alcohol	2.940	59	2518	6.229	ug/l #	100
16) Acetone	2.404	43	753	0.876	ug/l #	43
31) Cyclohexane	5.537	56	2830	1.238	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	10679	5.304	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13592	6.110	ug/l #	16
68) m/p-Xylenes	10.311	106	623	0.206	ug/l	82
76) 1,2,3-Trichloropropane	11.079	75	51874	23.868	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	51874	65.662	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.597	180	442	0.214	ug/l #	84
95) Naphthalene	13.786	128	1924	0.243	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	519	0.238	ug/l #	89

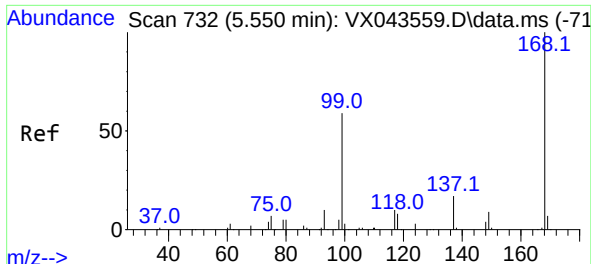
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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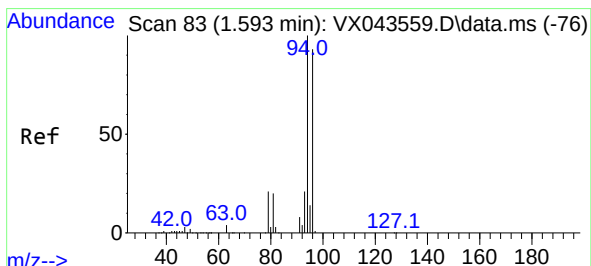
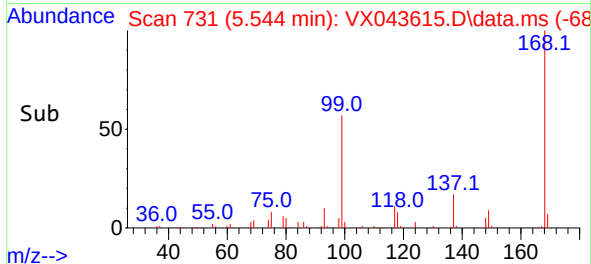
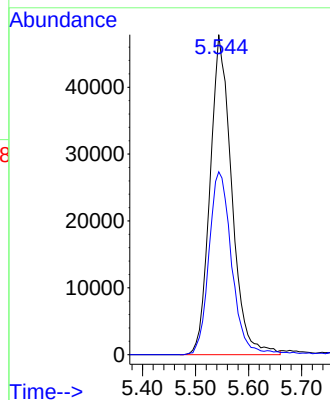
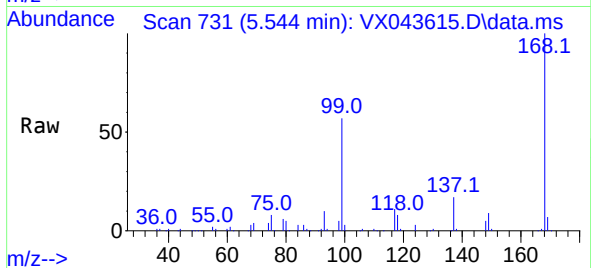




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

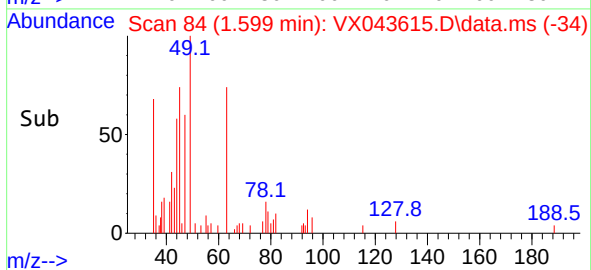
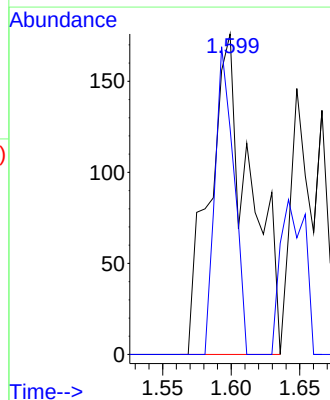
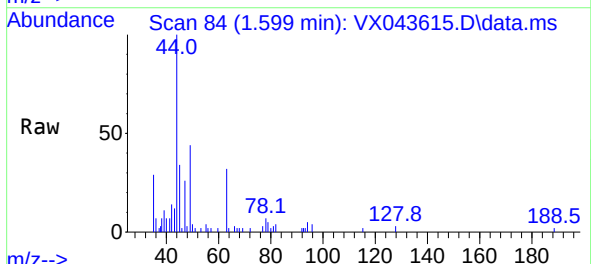
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

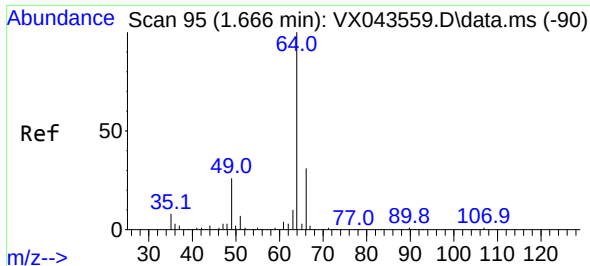
Tgt Ion:168 Resp: 135825
Ion Ratio Lower Upper
168 100
99 57.1 52.6 78.8



#5
Bromomethane
Concen: 0.518 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 70.5 75.9 113.9#

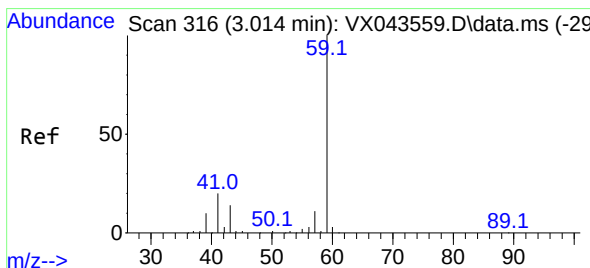
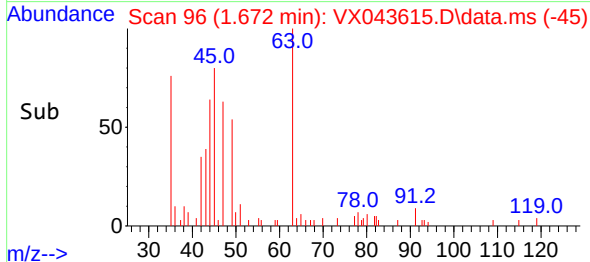
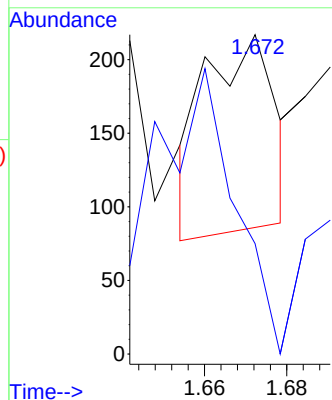
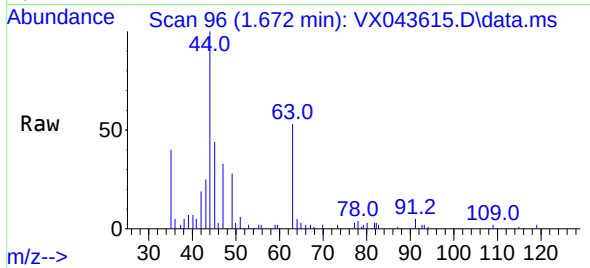




#6
Chloroethane
Concen: 0.259 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

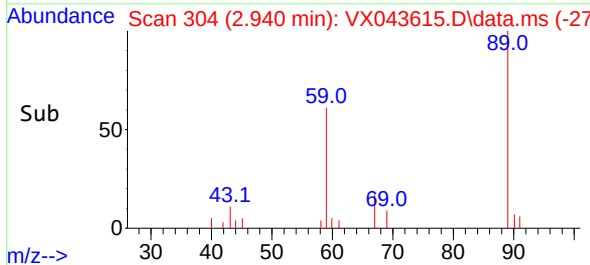
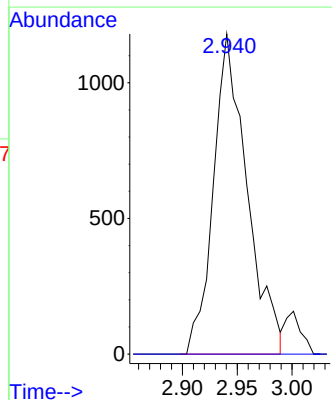
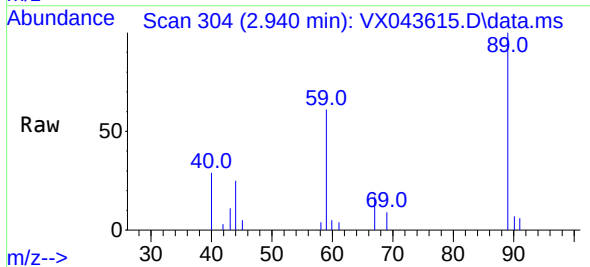
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

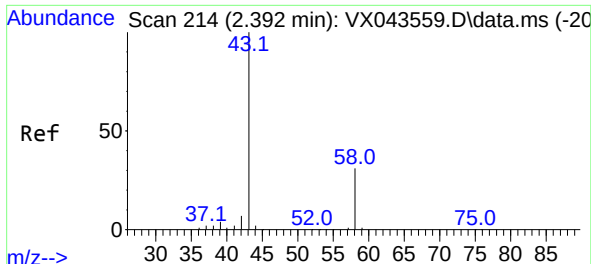
Tgt Ion: 64 Resp: 157
Ion Ratio Lower Upper
64 100
66 100.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 6.229 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.110 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion: 59 Resp: 2518
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

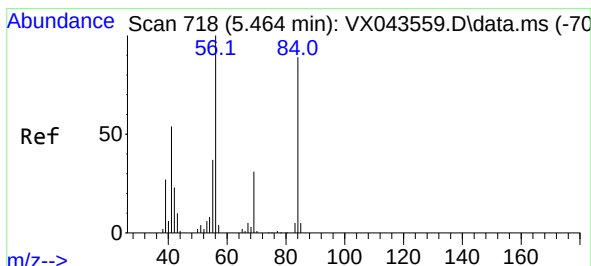
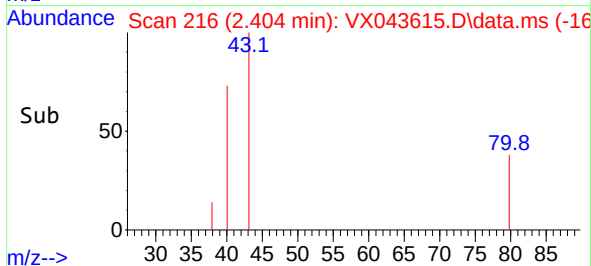
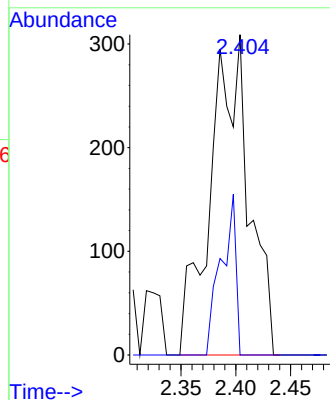
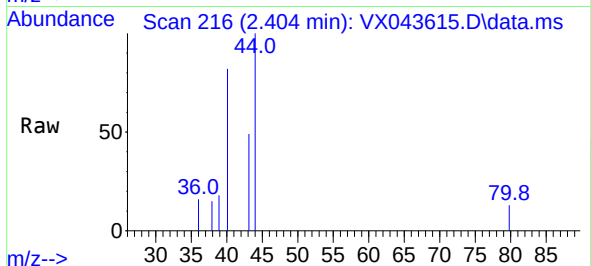




#16
Acetone
Concen: 0.876 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

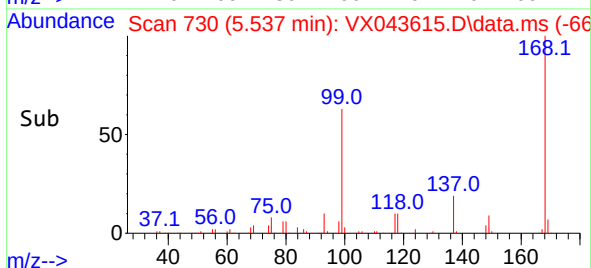
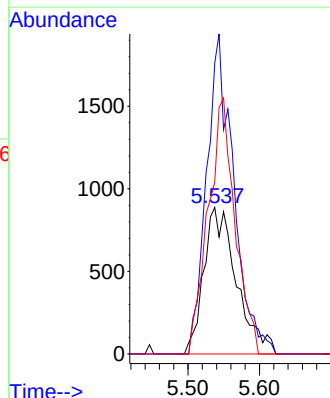
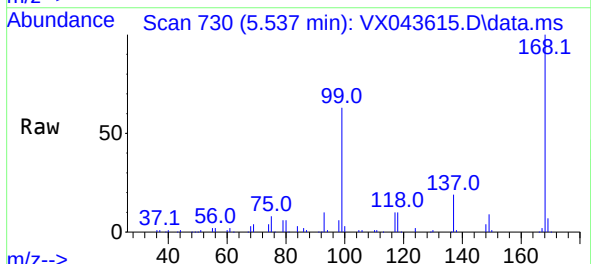
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

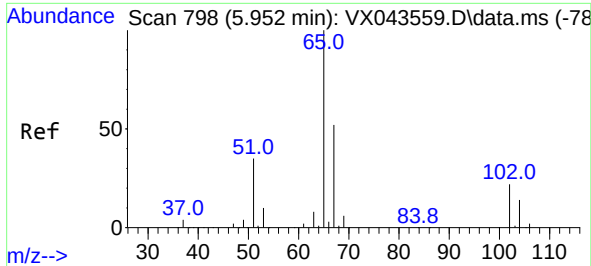
Tgt Ion: 43 Resp: 753
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion: 56 Resp: 2830
Ion Ratio Lower Upper
56 100
69 198.8 24.9 37.3#
84 117.6 73.3 109.9#

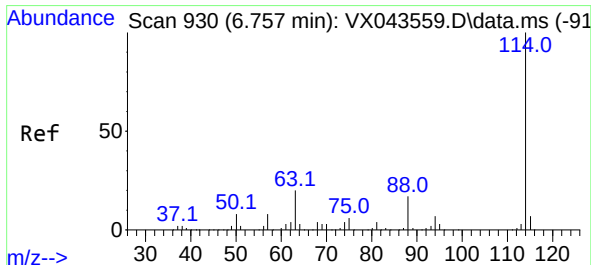
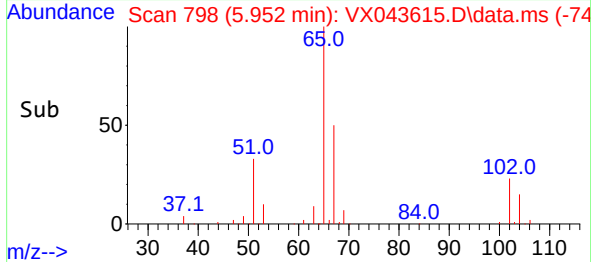
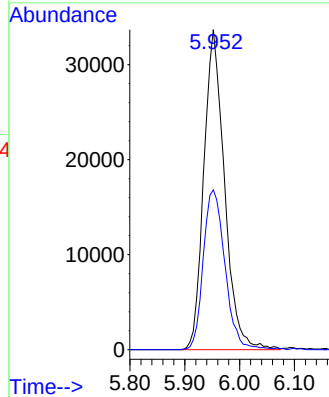
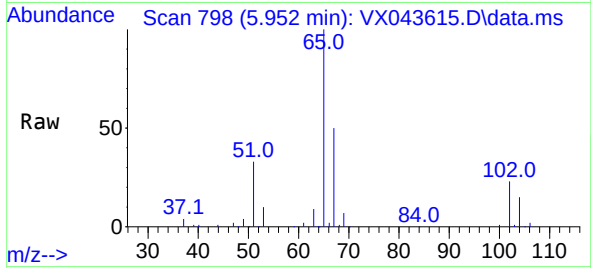




#33
1,2-Dichloroethane-d4
Concen: 40.733 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

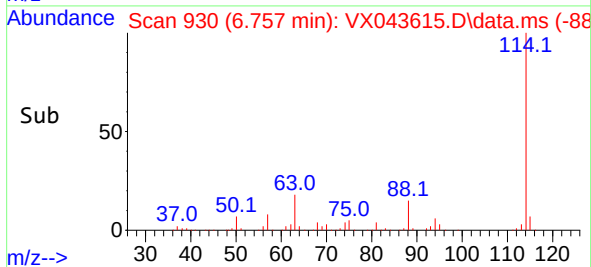
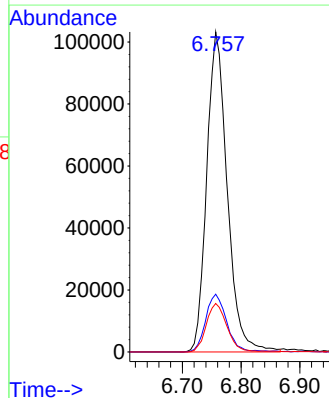
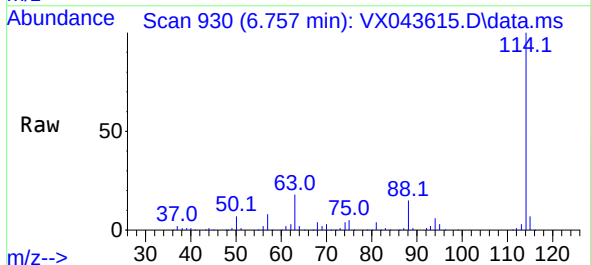
Instrument :
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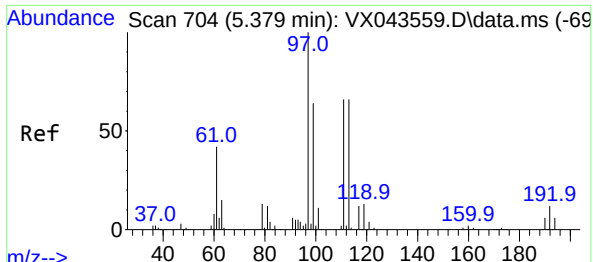
Tgt Ion: 65 Resp: 88217
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion: 114 Resp: 250392
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.2
88 15.2 0.0 34.0

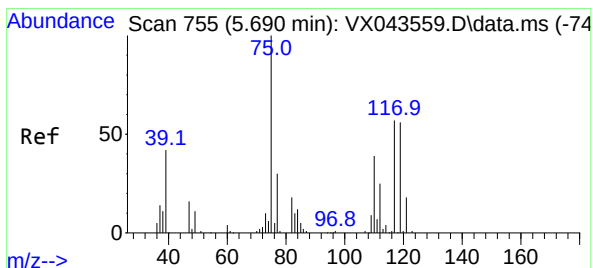
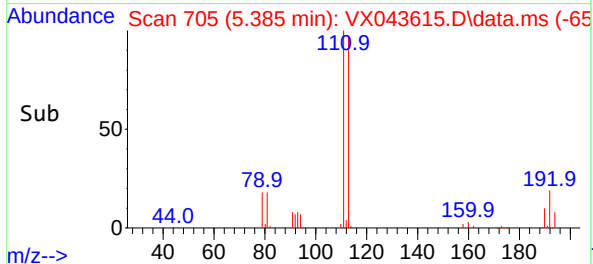
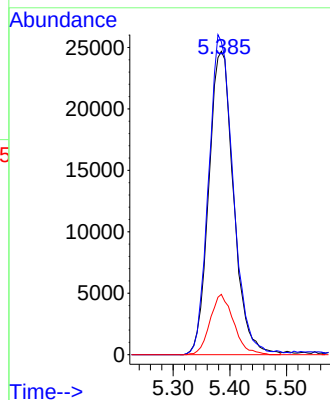
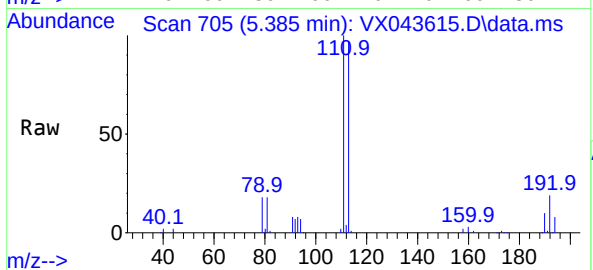




#35
Dibromofluoromethane
Concen: 44.084 ug/l
RT: 5.385 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

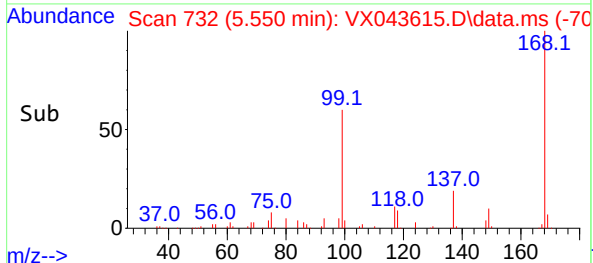
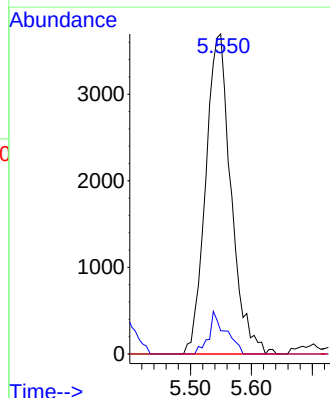
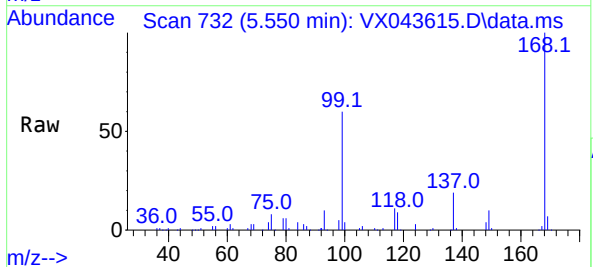
Instrument :
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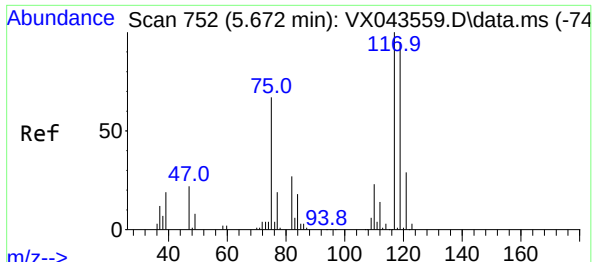
Tgt Ion:113 Resp: 74851
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 18.9 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

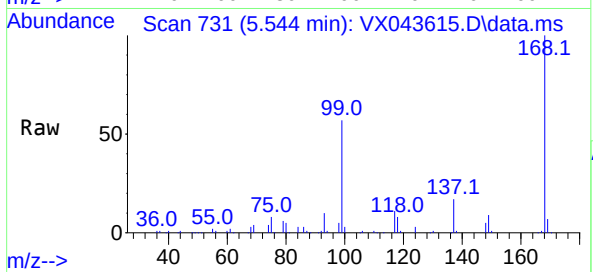
Tgt Ion: 75 Resp: 10679
Ion Ratio Lower Upper
75 100
110 8.9 17.9 53.7#
77 0.0 25.0 37.4#



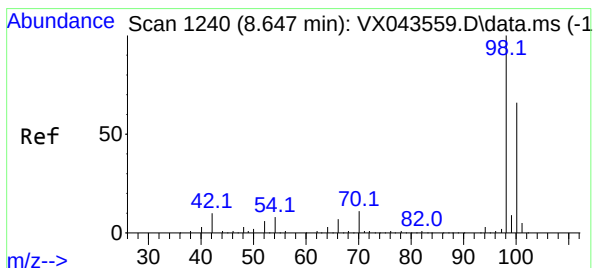
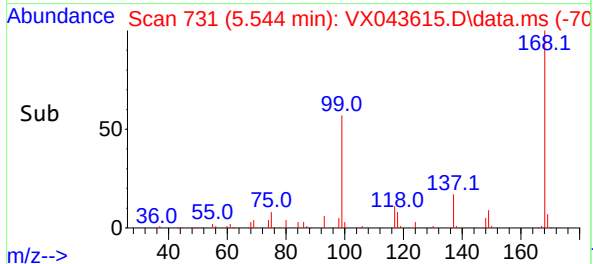
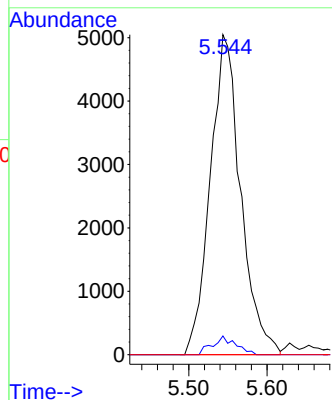


#38
Carbon Tetrachloride
Concen: 6.110 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

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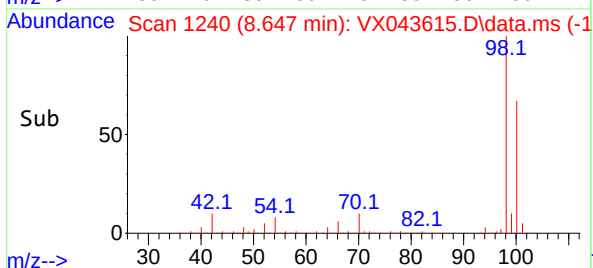
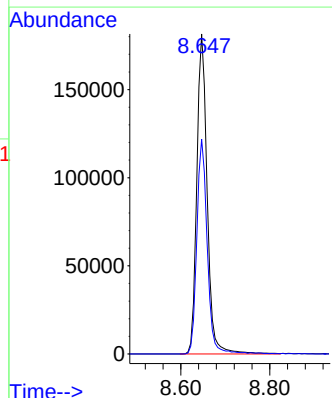
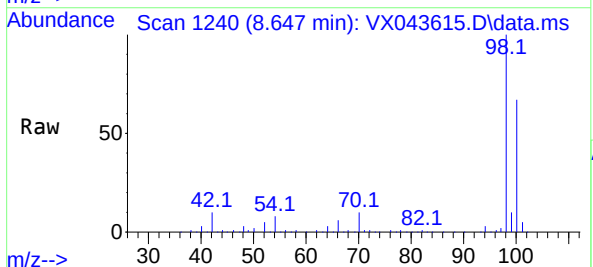


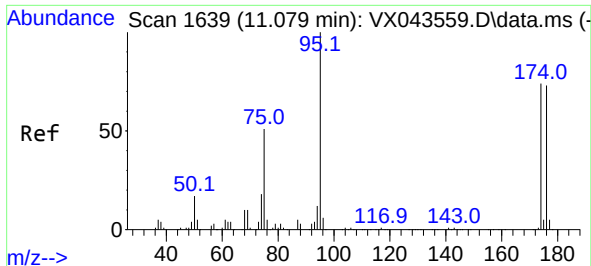
Tgt Ion:117 Resp: 13592
Ion Ratio Lower Upper
117 100
119 5.9 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.016 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion: 98 Resp: 293968
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2

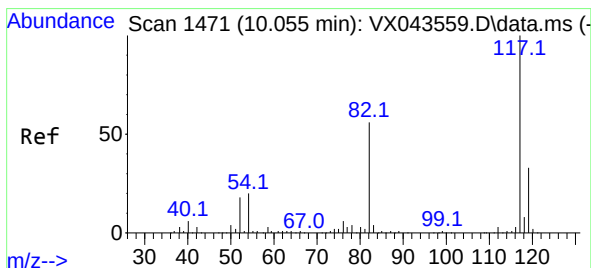
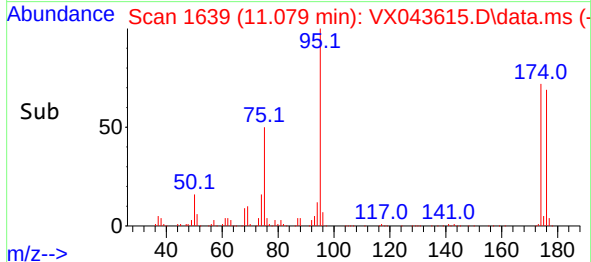
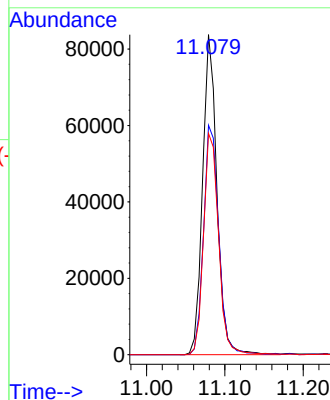
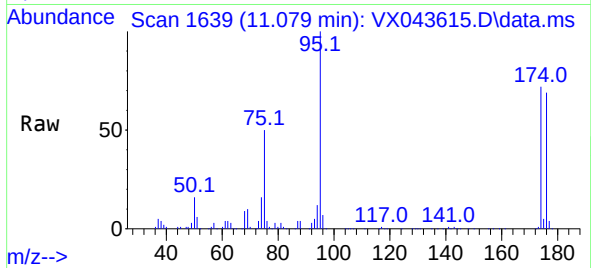




#62
4-Bromofluorobenzene
Concen: 48.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

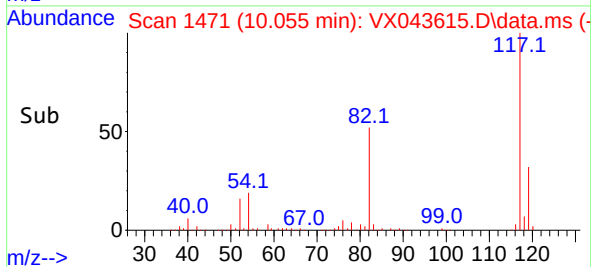
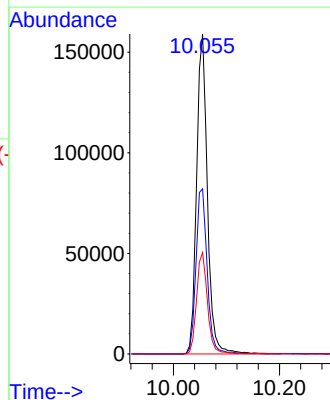
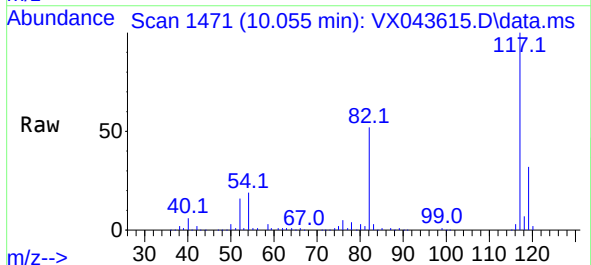
Instrument :
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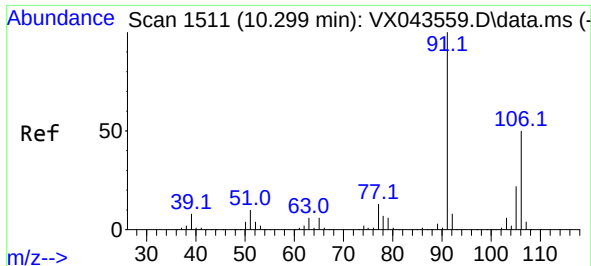
Tgt Ion: 95 Resp: 106648
Ion Ratio Lower Upper
95 100
174 75.8 0.0 146.6
176 72.6 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion: 117 Resp: 225064
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 31.7 25.4 38.2

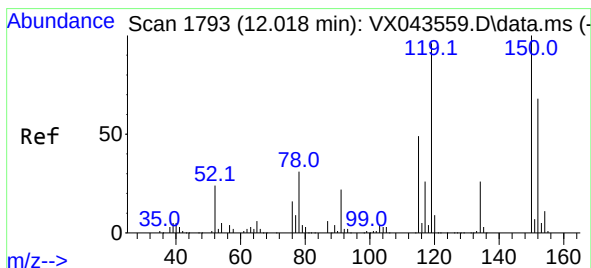
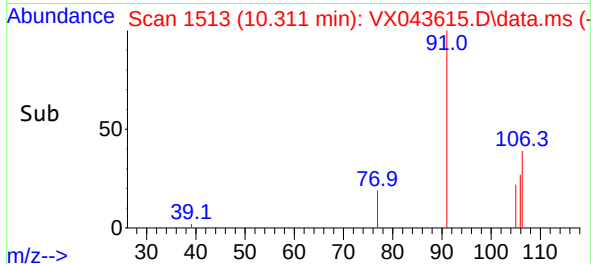
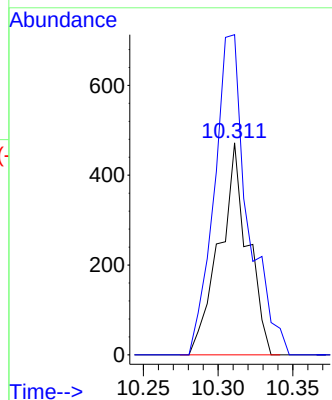
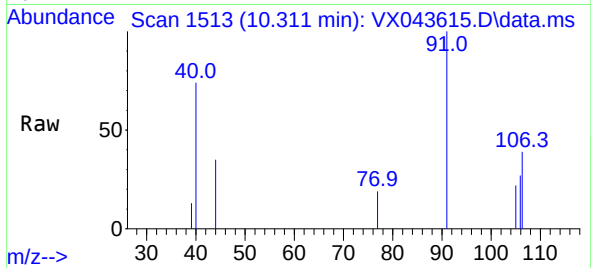




#68
m/p-Xylenes
Concen: 0.206 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

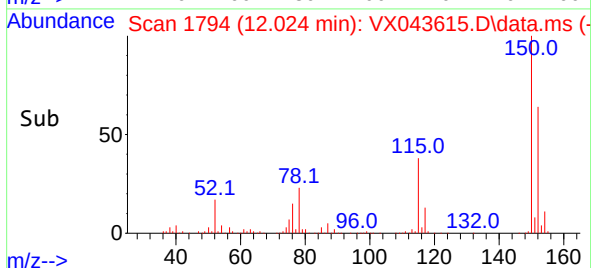
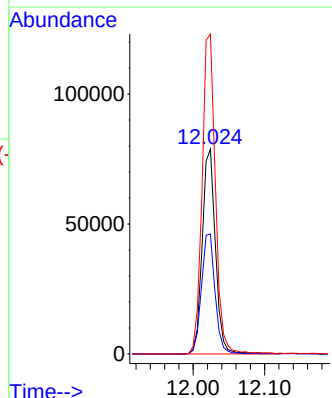
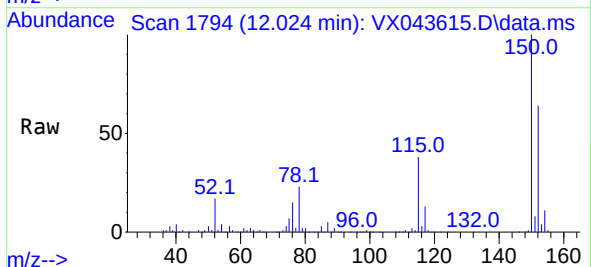
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

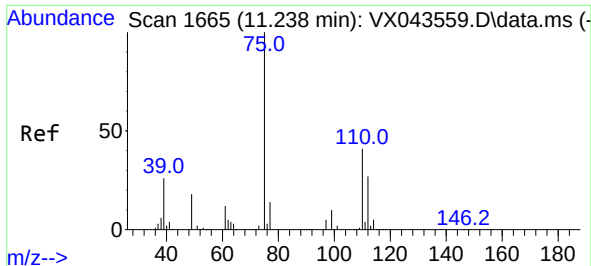
Tgt Ion:106 Resp: 623
Ion Ratio Lower Upper
106 100
91 178.5 164.7 247.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion:152 Resp: 101648
Ion Ratio Lower Upper
152 100
115 60.3 42.9 128.7
150 156.6 0.0 343.6

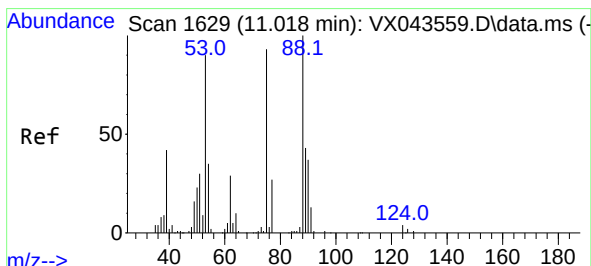
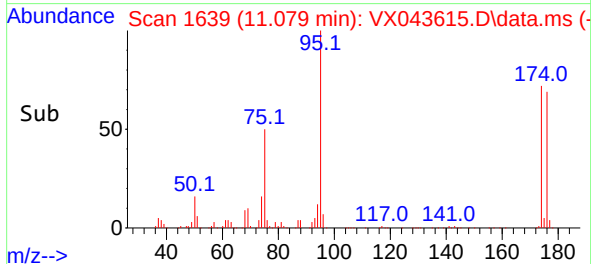
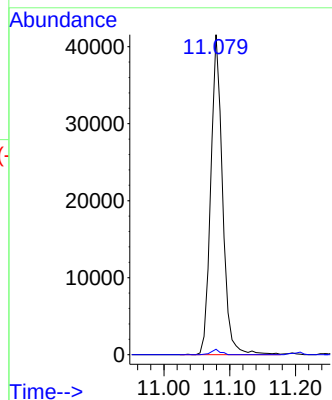
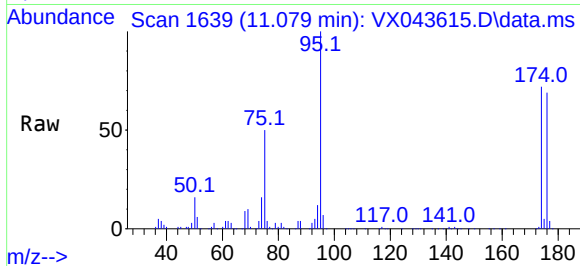




#76
1,2,3-Trichloropropane
Concen: 23.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

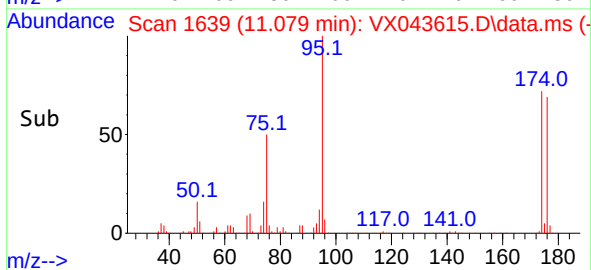
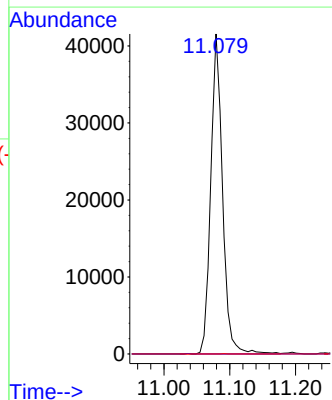
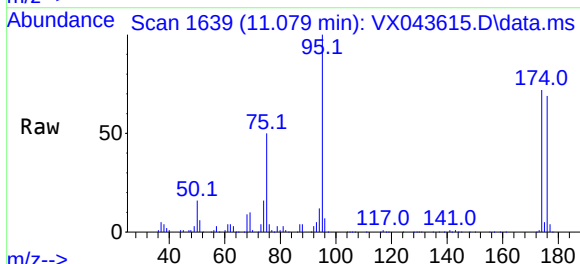
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

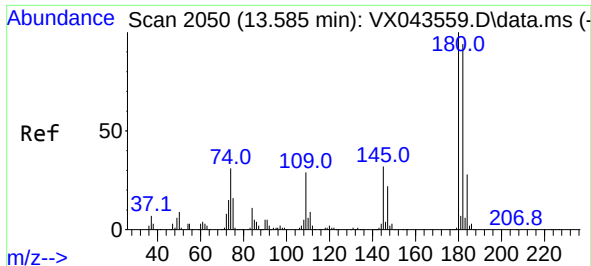
Tgt Ion: 75 Resp: 51874
Ion Ratio Lower Upper
75 100
77 1.3 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Tgt Ion: 75 Resp: 51874
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

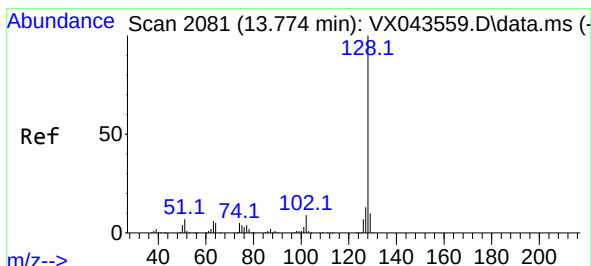
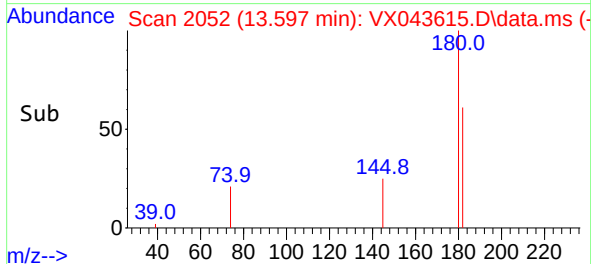
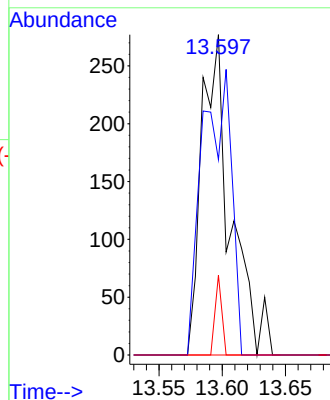
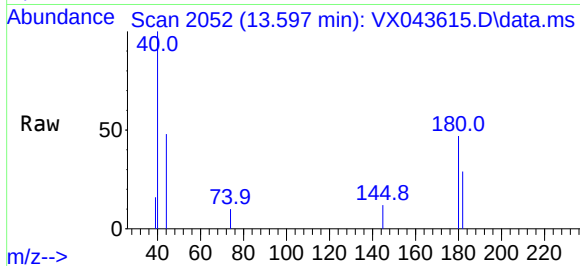




#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

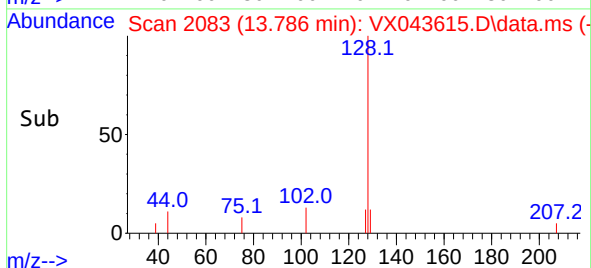
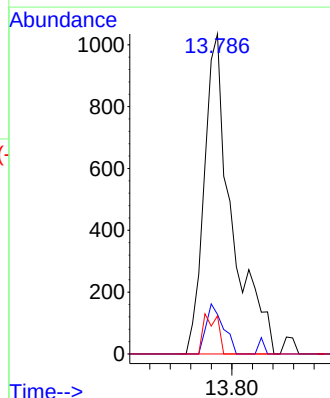
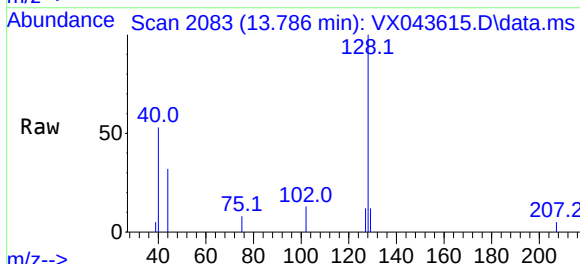
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

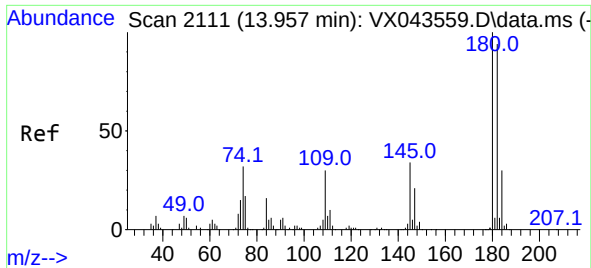
Tgt Ion:180 Resp: 442
Ion Ratio Lower Upper
180 100
182 88.5 46.8 140.4
145 5.7 16.1 48.3#



#95
Naphthalene
Concen: 0.243 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

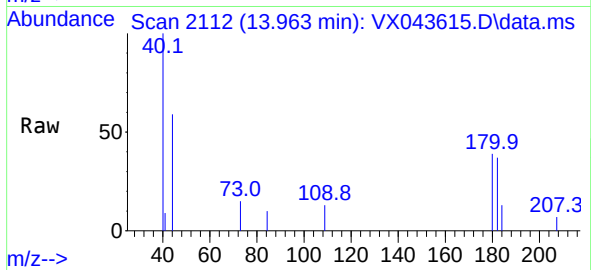
Tgt Ion:128 Resp: 1924
Ion Ratio Lower Upper
128 100
127 9.7 10.2 15.4#
129 6.5 8.7 13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.238 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX043615.D
Acq: 30 Oct 2024 11:42

Instrument :
MSVOA_X
ClientSampleId :
VIBLK



Tgt Ion:180 Resp: 519
Ion Ratio Lower Upper
180 100
182 91.5 47.1 141.3
145 15.8 17.4 52.3#

