

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035051.D
 Acq On : 12 Apr 2023 17:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 13 02:38:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

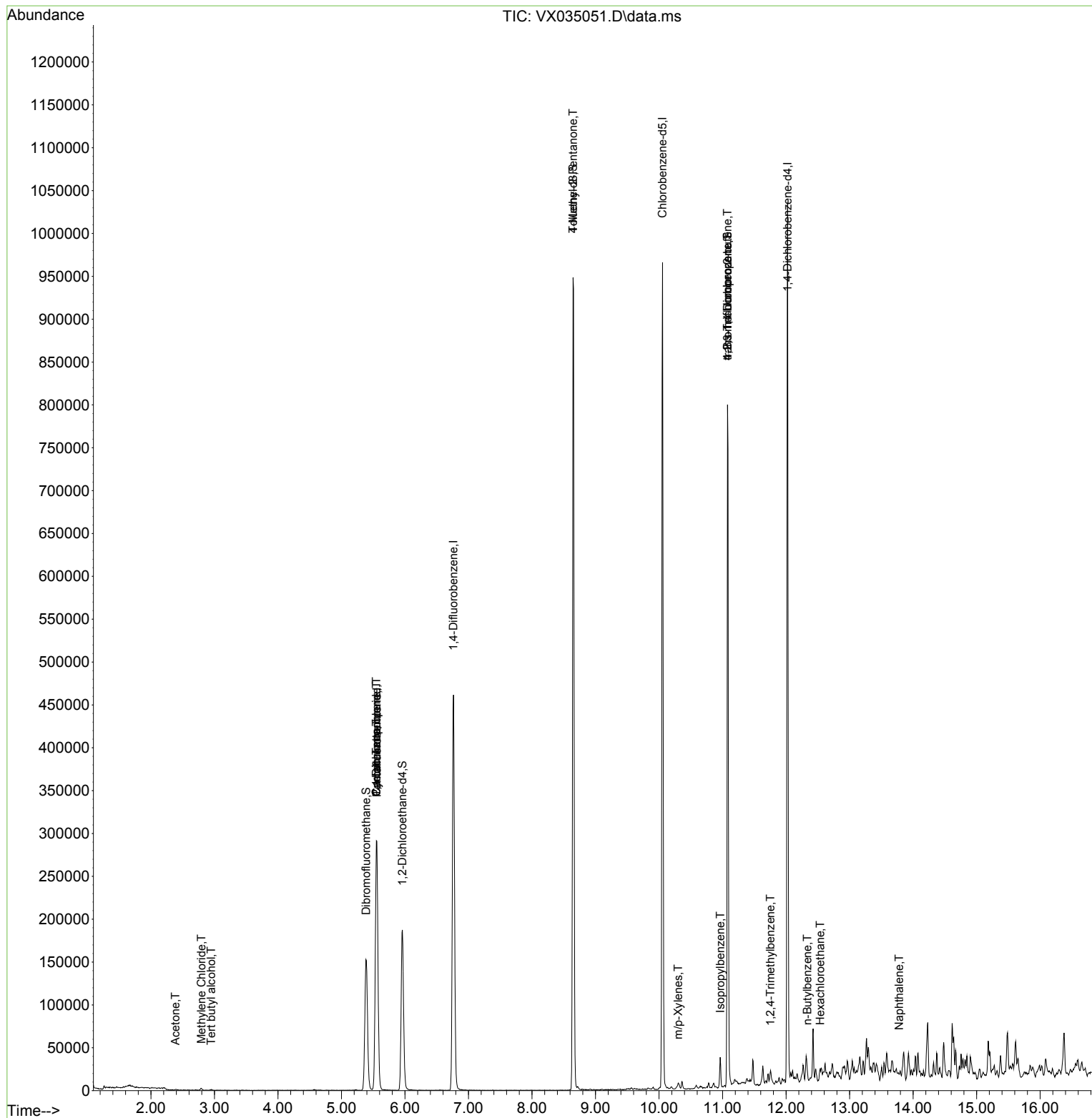
Internal Standards						
1) Pentafluorobenzene	5.556	168	278904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183035	42.911	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.820%		
35) Dibromofluoromethane	5.385	113	137195	44.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.960%		
50) Toluene-d8	8.646	98	562494	49.407	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.820%		
62) 4-Bromofluorobenzene	11.079	95	220360	50.017	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.040%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	448	0.599	ug/l #	73
16) Acetone	2.385	43	1170	0.675	ug/l #	84
20) Methylene Chloride	2.794	84	1129	0.330	ug/l #	93
31) Cyclohexane	5.549	56	6091	1.173	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	22462	4.915	ug/l #	51
38) Carbon Tetrachloride	5.549	117	28572	6.632	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	2422	0.512	ug/l #	1
68) m/p-Xylenes	10.299	106	1382	0.225	ug/l	77
73) Isopropylbenzene	10.963	105	17554	1.145	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	110520	26.217	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	110520	78.571	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.756	105	5731	0.440	ug/l	97
89) n-Butylbenzene	12.335	91	5793	0.543	ug/l #	54
90) Hexachloroethane	12.536	117	619	0.327	ug/l #	33
95) Naphthalene	13.780	128	3651	0.262	ug/l #	93

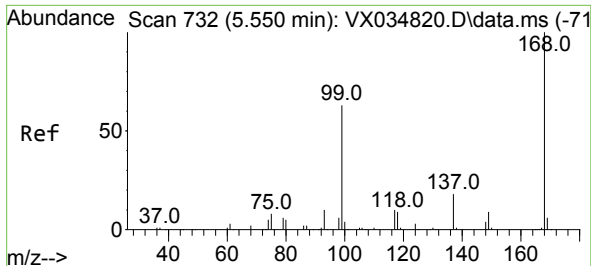
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
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MSVOA_X
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IBLK

Quant Time: Apr 13 02:38:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

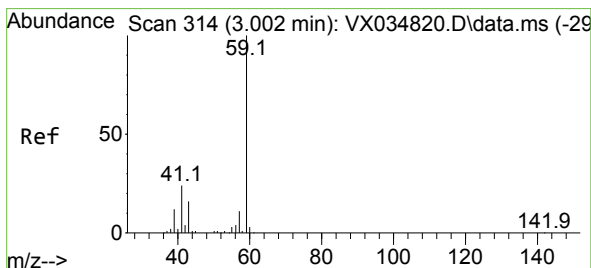
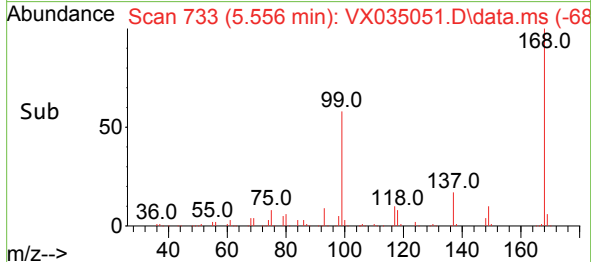
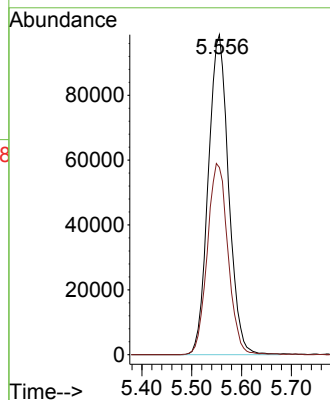
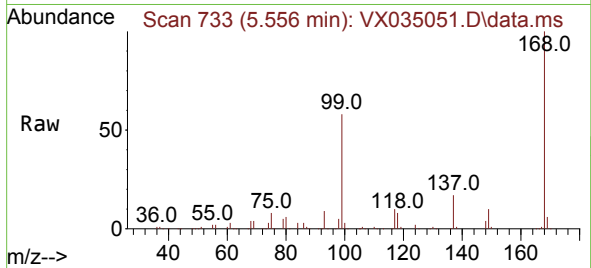




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

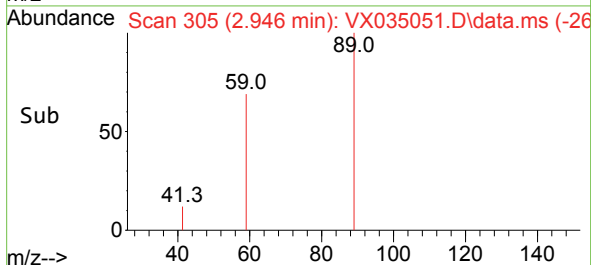
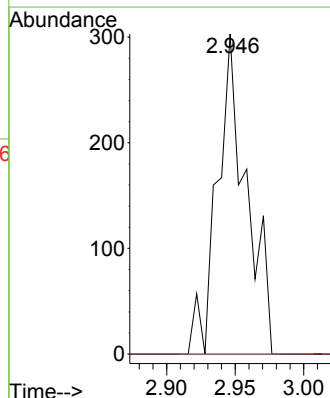
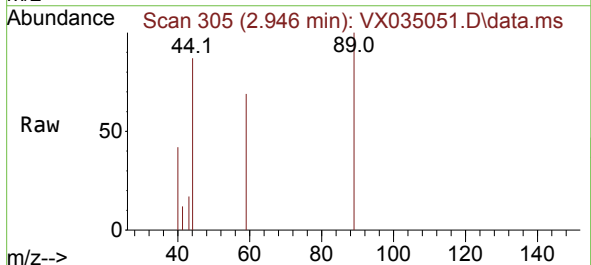
Instrument :
MSVOA_X
ClientSampleId :
IBLK

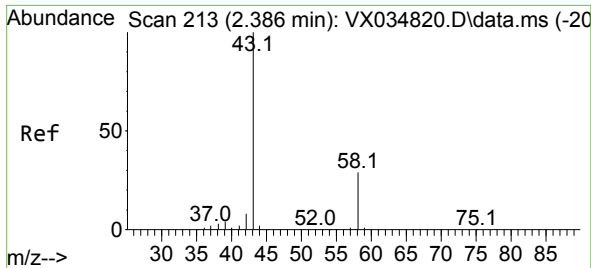
Tgt Ion:168 Resp: 278904
Ion Ratio Lower Upper
168 100
99 58.5 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.599 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion: 59 Resp: 448
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

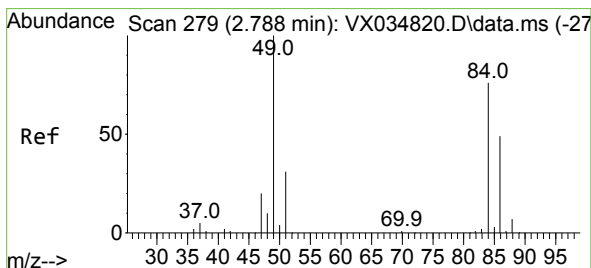
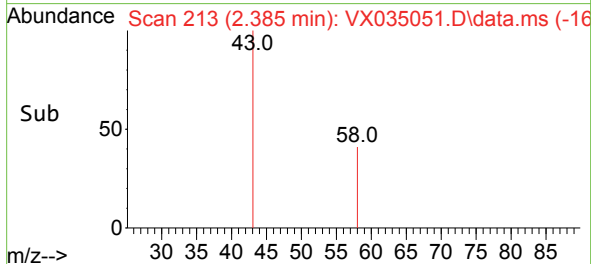
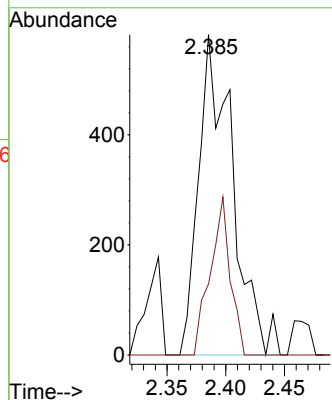
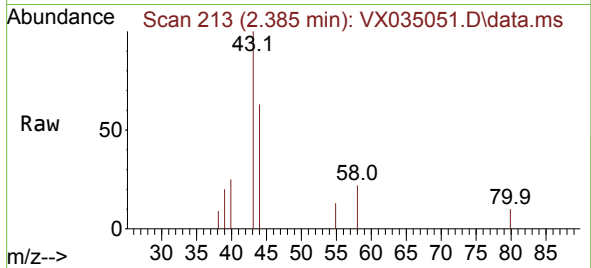




#16
Acetone
Concen: 0.675 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

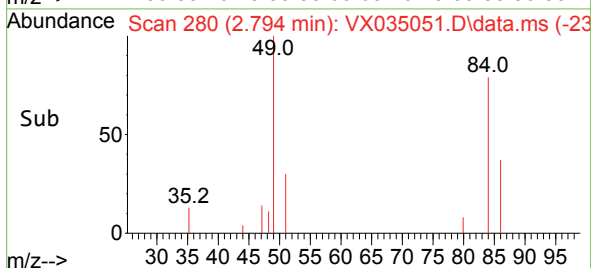
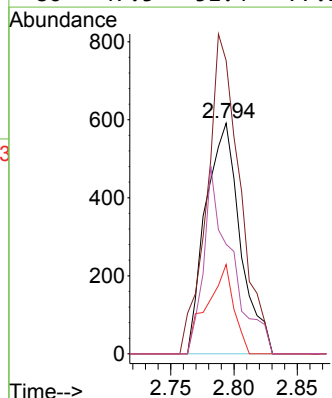
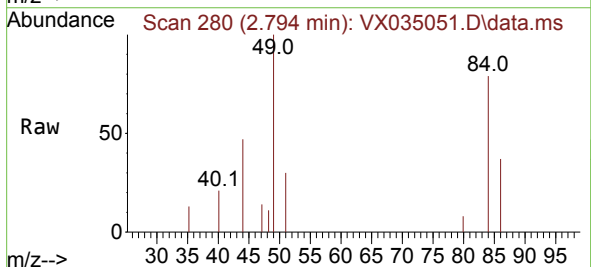
Instrument :
MSVOA_X
ClientSampleId :
IBLK

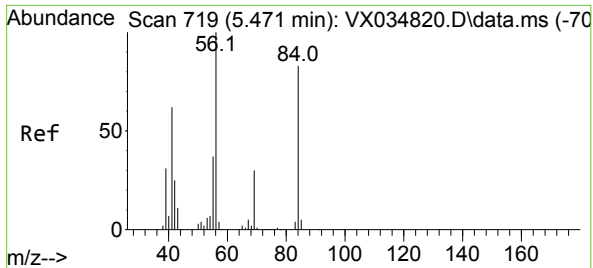
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 22.2 24.7 37.1#



#20
Methylene Chloride
Concen: 0.330 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

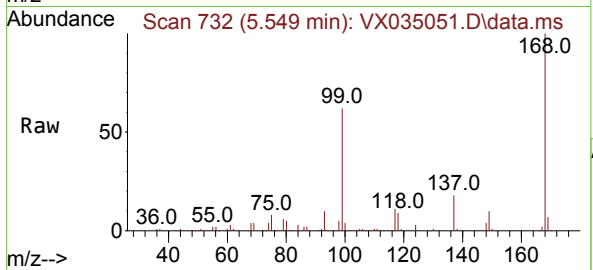
Tgt Ion: 84 Resp: 1129
Ion Ratio Lower Upper
84 100
49 127.2 103.8 155.8
51 38.7 31.8 47.8
86 47.5 51.4 77.2#



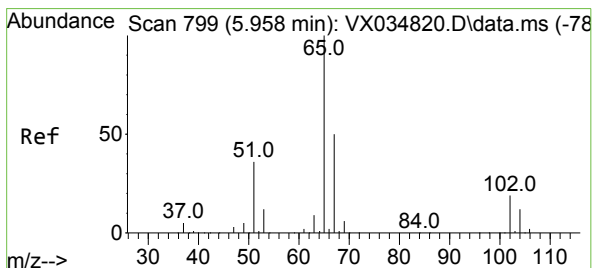
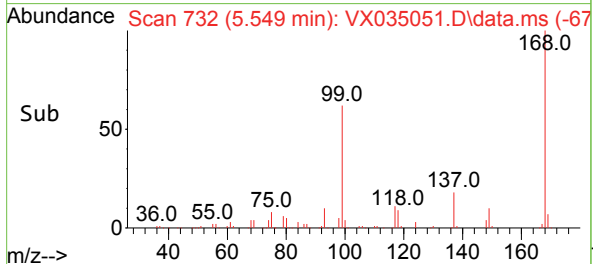
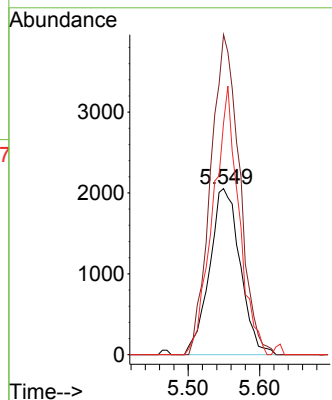


#31
Cyclohexane
Concen: 1.173 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

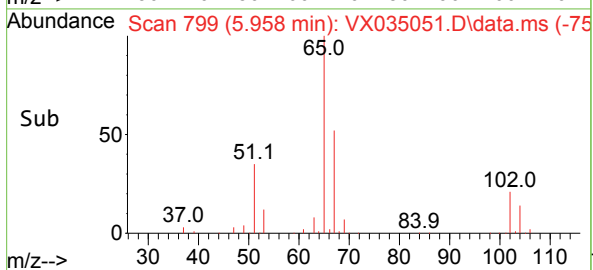
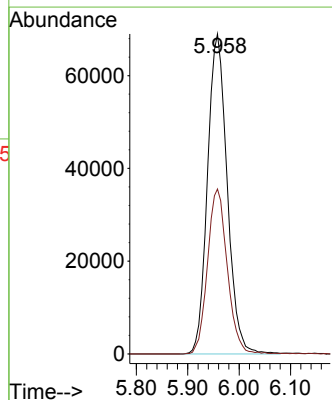
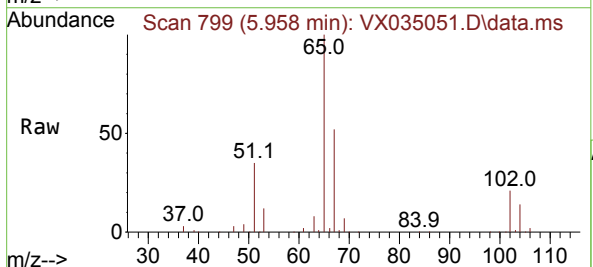


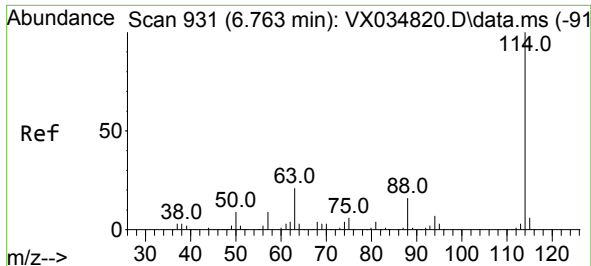
Tgt Ion: 56 Resp: 6091
Ion Ratio Lower Upper
56 100
69 192.6 23.7 35.5#
84 139.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.911 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion: 65 Resp: 183035
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

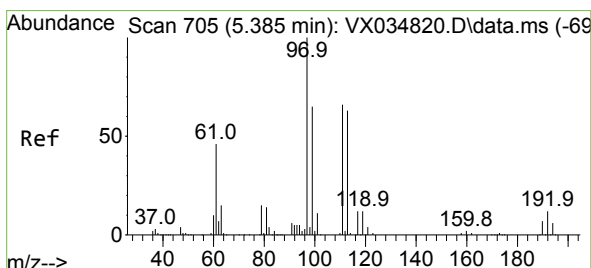
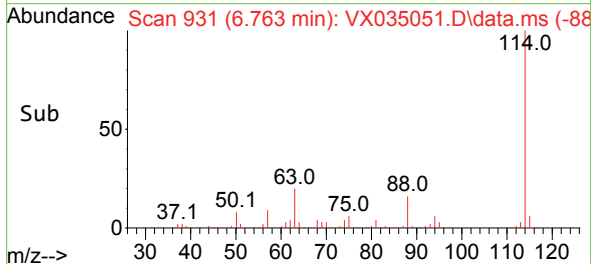
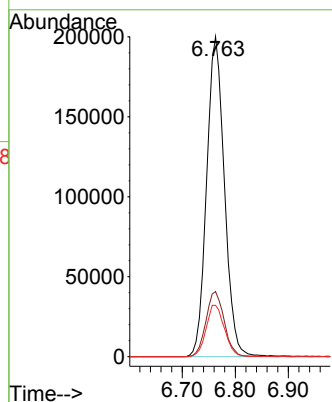
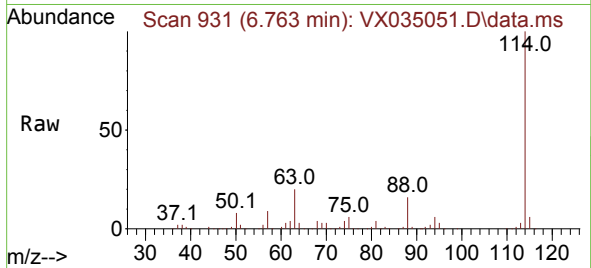




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

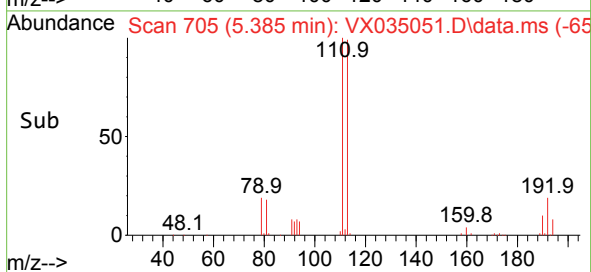
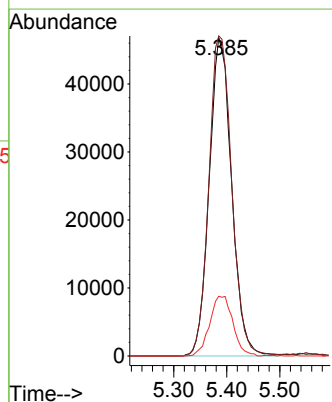
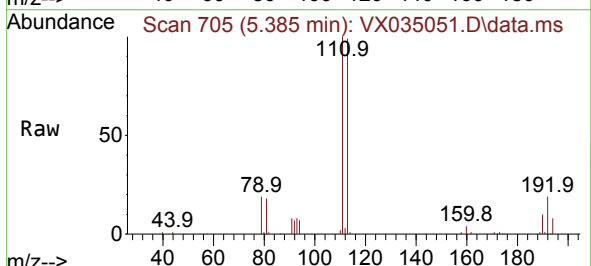
Instrument :
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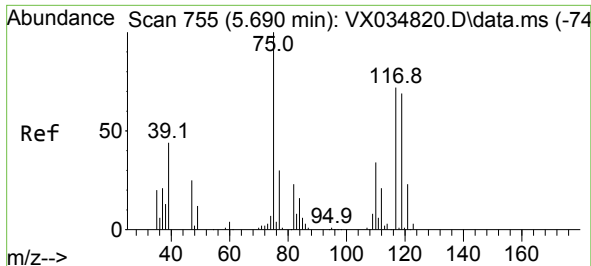
Tgt Ion:114 Resp: 466342
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.479 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion:113 Resp: 137195
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.4 15.4 23.2

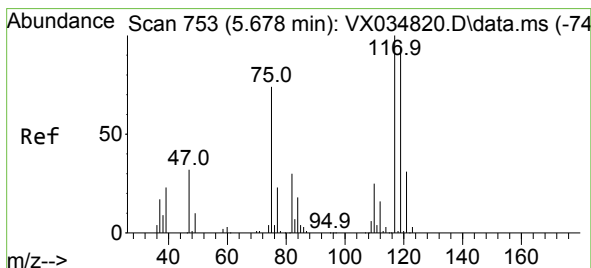
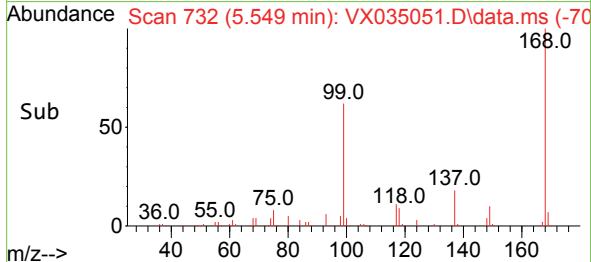
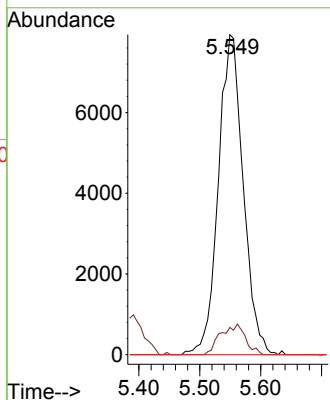
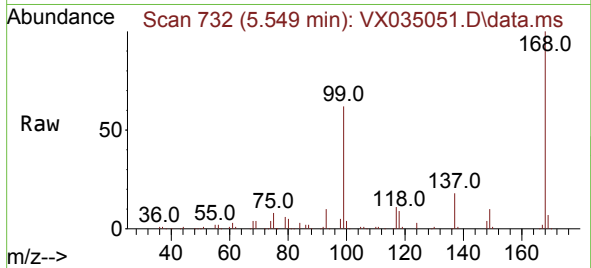




#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

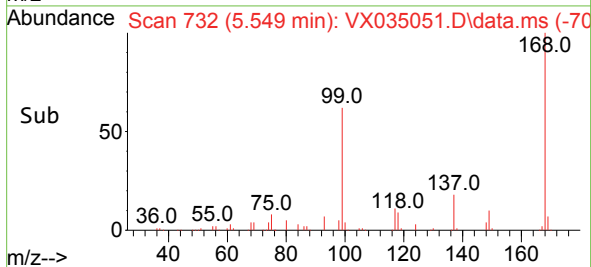
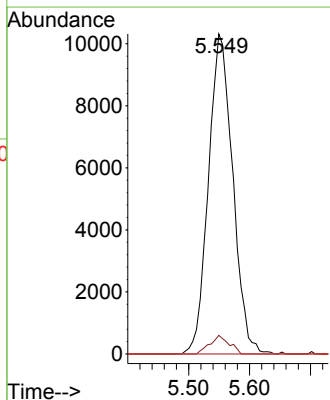
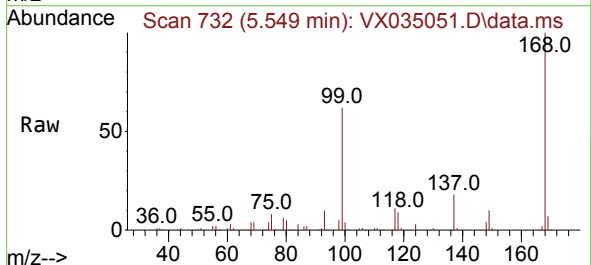
Instrument :
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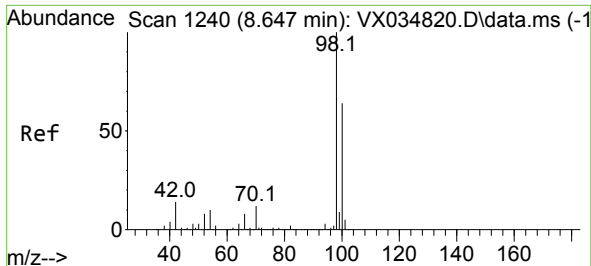
Tgt Ion: 75 Resp: 22462
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.632 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion: 117 Resp: 28572
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 23.8 35.6#

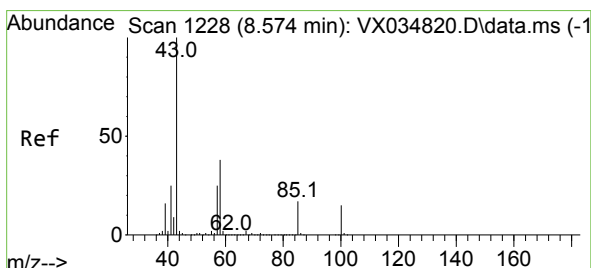
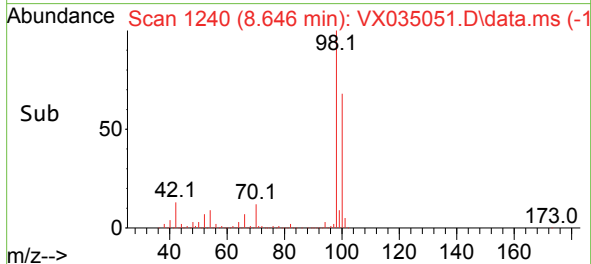
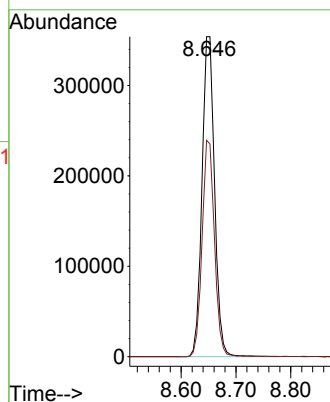
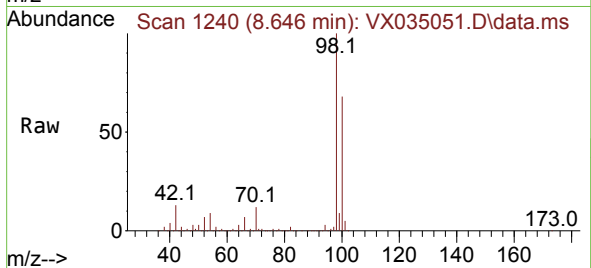




#50
Toluene-d8
Concen: 49.407 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

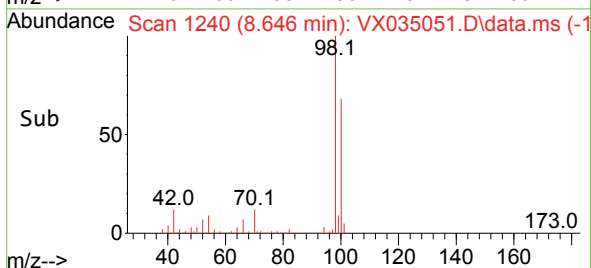
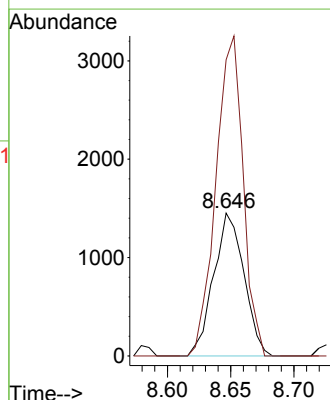
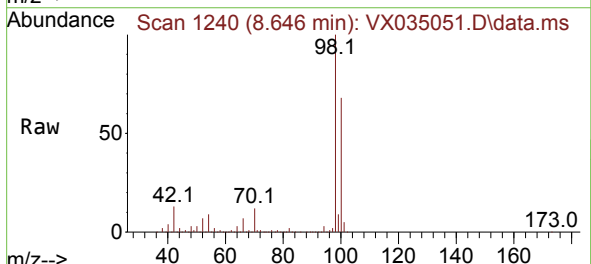
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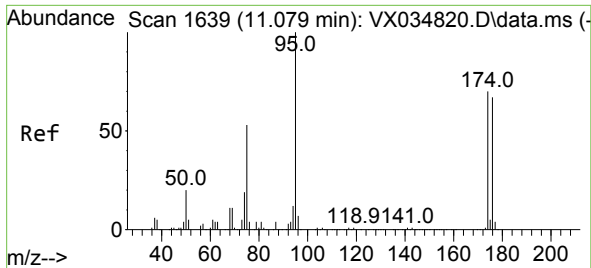
Tgt Ion: 98 Resp: 562494
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
58 200.9 30.6 46.0#

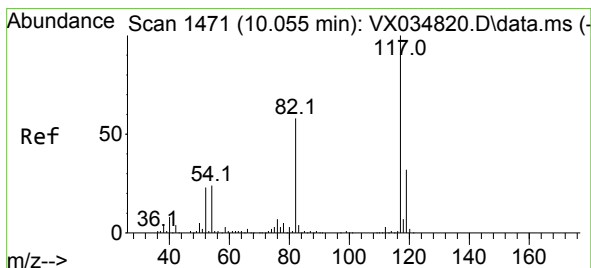
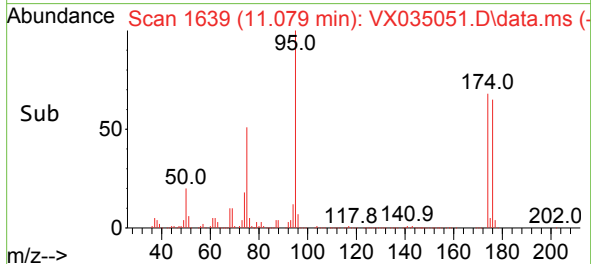
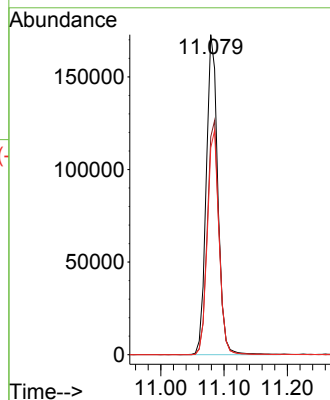
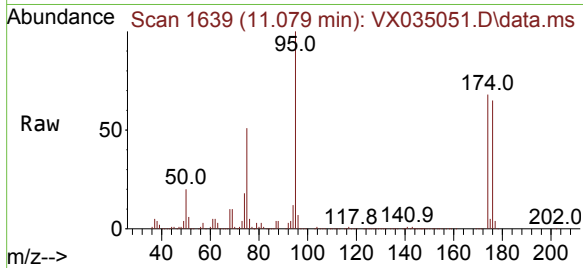




#62
4-Bromofluorobenzene
Concen: 50.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

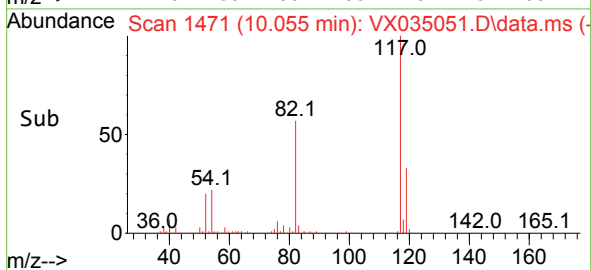
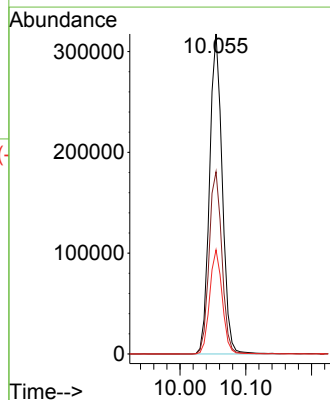
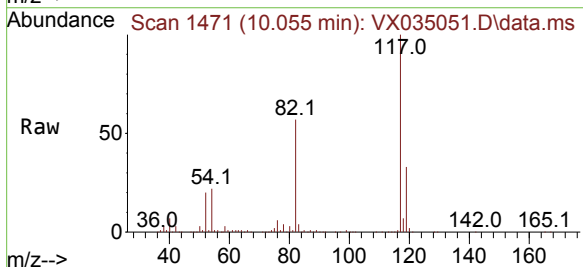
Instrument :
MSVOA_X
ClientSampleId :
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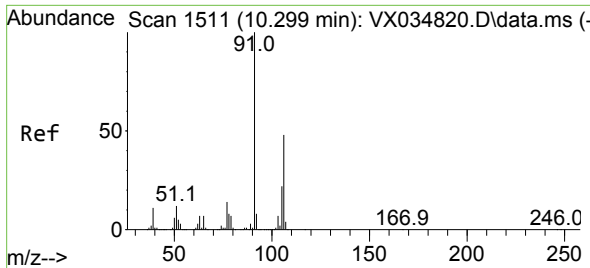
Tgt Ion: 95 Resp: 220360
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 70.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion: 117 Resp: 426300
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.6 26.0 39.0

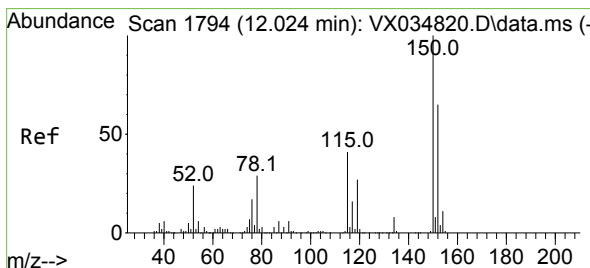
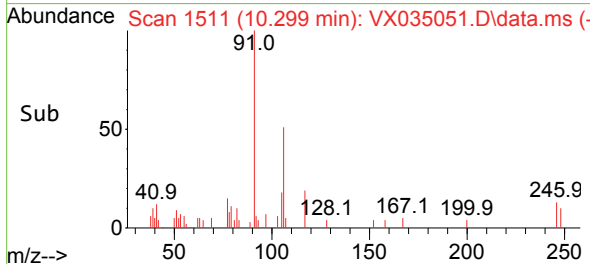
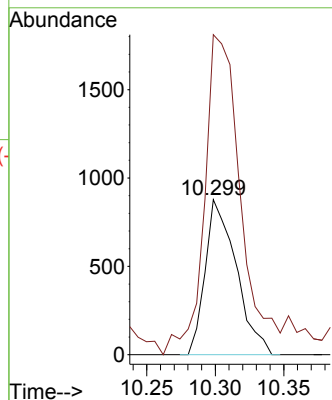
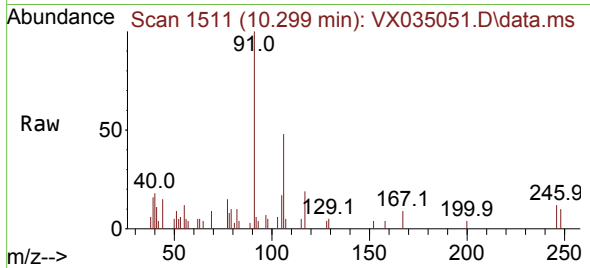




#68
m/p-Xylenes
Concen: 0.225 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

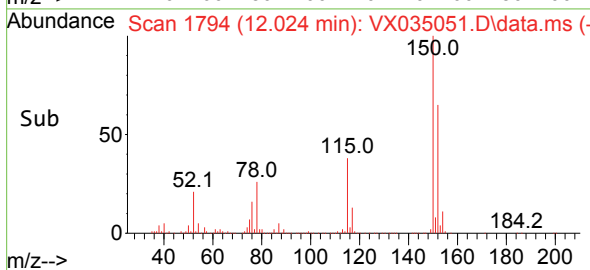
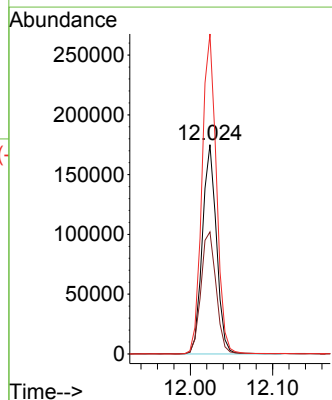
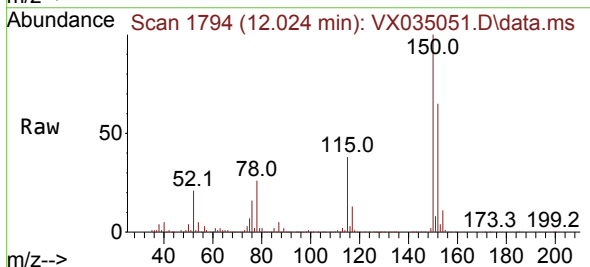
Instrument :
MSVOA_X
ClientSampleId :
IBLK

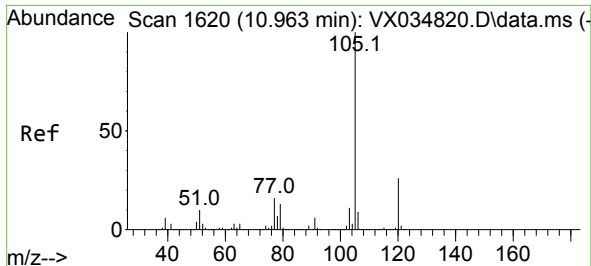
Tgt Ion:106 Resp: 1382
Ion Ratio Lower Upper
106 100
91 240.1 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion:152 Resp: 209217
Ion Ratio Lower Upper
152 100
115 62.2 45.0 135.0
150 156.1 0.0 352.4

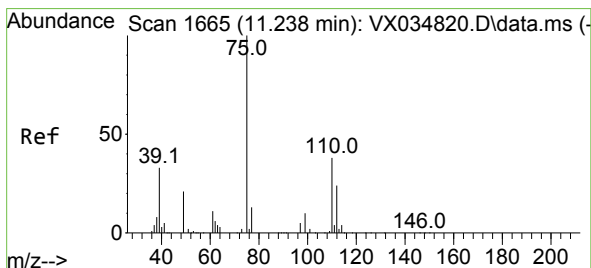
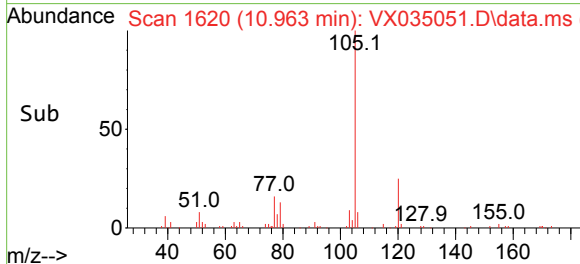
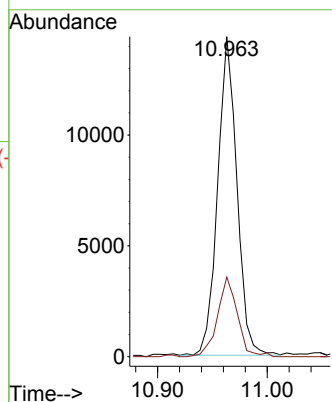
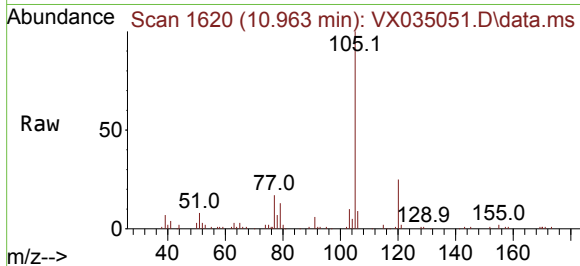




#73
Isopropylbenzene
Concen: 1.145 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

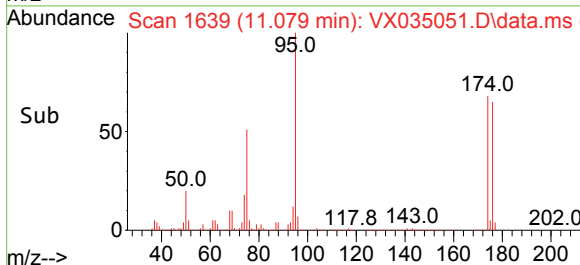
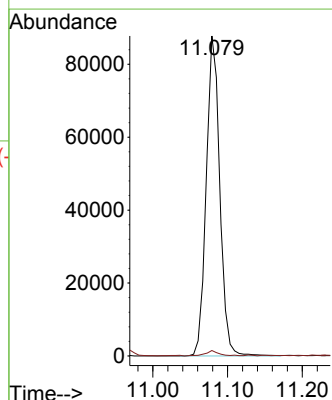
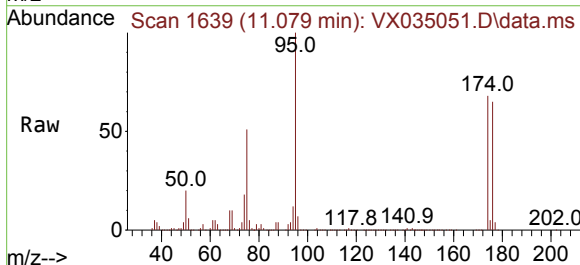
Instrument :
MSVOA_X
ClientSampleId :
IBLK

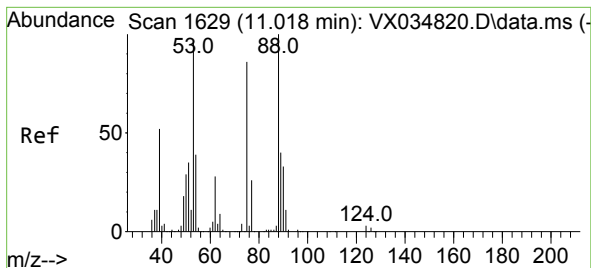
Tgt Ion:105 Resp: 17554
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9



#76
1,2,3-Trichloropropane
Concen: 26.217 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion: 75 Resp: 110520
Ion Ratio Lower Upper
75 100
77 1.7 21.6 64.8#

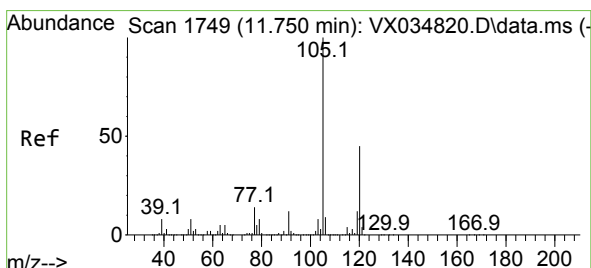
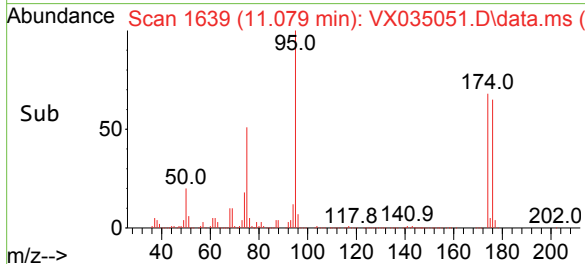
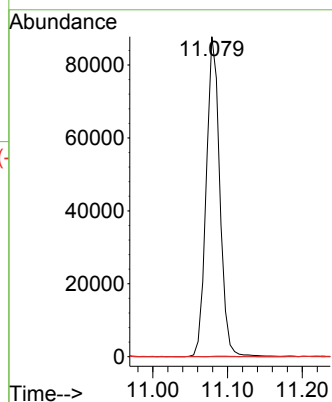
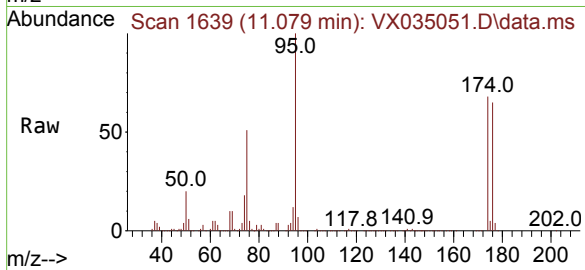




#81
trans-1,4-Dichloro-2-butene
Concen: 78.571 ug/l
RT: 11.079 min Scan# 110520
Delta R.T. 0.061 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

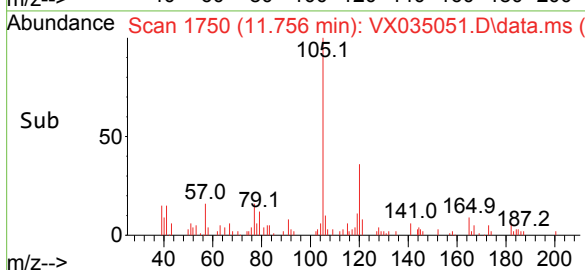
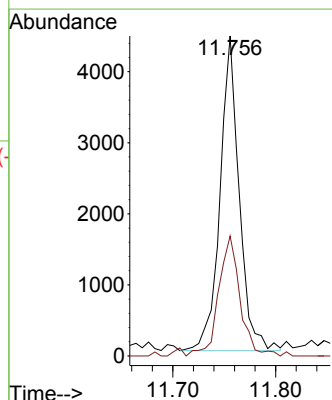
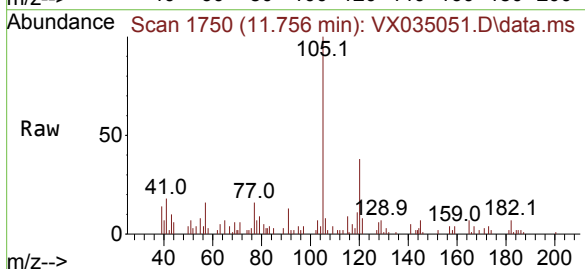
Instrument :
MSVOA_X
ClientSampleId :
IBLK

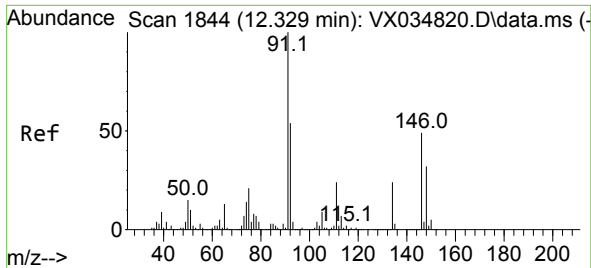
Tgt Ion: 75 Resp: 110520
Ion Ratio Lower Upper
75 100
53 0.2 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.440 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Tgt Ion: 105 Resp: 5731
Ion Ratio Lower Upper
105 100
120 42.9 22.4 67.0

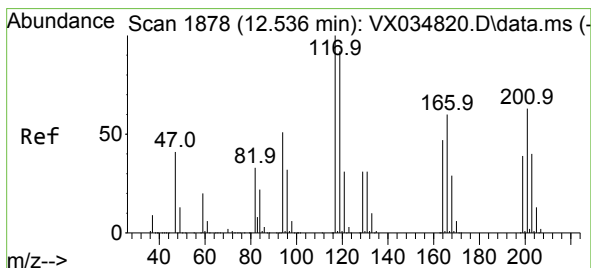
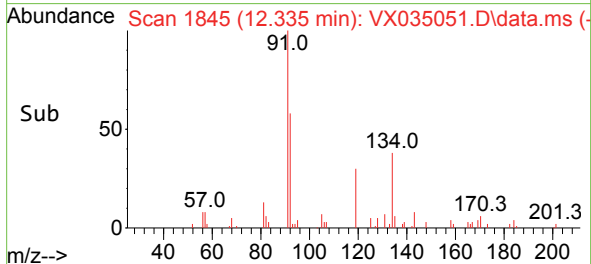
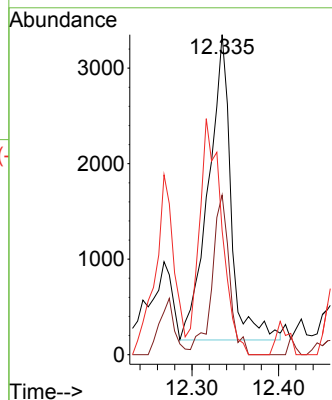
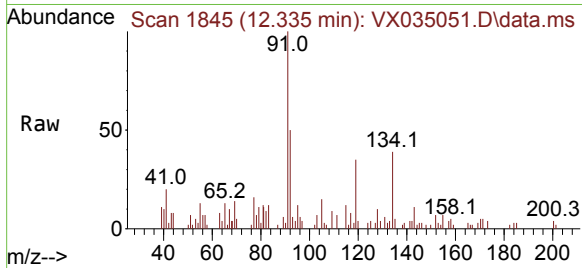




#89
n-Butylbenzene
Concen: 0.543 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

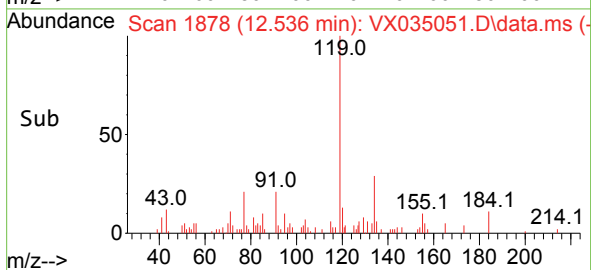
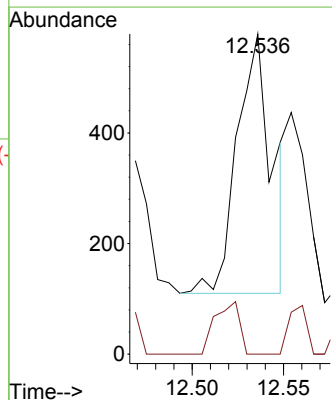
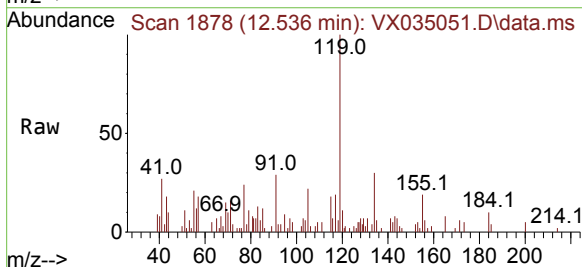
Instrument :
MSVOA_X
ClientSampleId :
IBLK

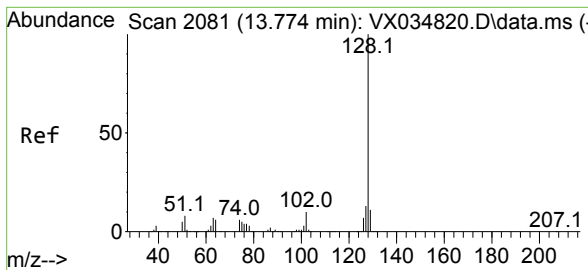
Tgt Ion: 91 Resp: 5793
Ion Ratio Lower Upper
91 100
92 40.2 27.7 83.0
134 76.1 13.0 38.9#



#90
Hexachloroethane
Concen: 0.327 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

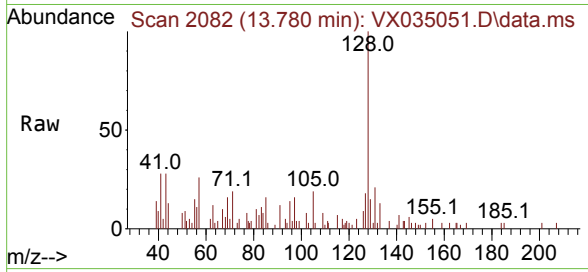
Tgt Ion: 117 Resp: 619
Ion Ratio Lower Upper
117 100
201 14.2 34.4 103.1#





#95
Naphthalene
Concen: 0.262 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035051.D
Acq: 12 Apr 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	3651
Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.2	15.4#
129	12.3	8.6	13.0

