

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025340.D
 Acq On : 24 Nov 2021 20:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 26 10:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

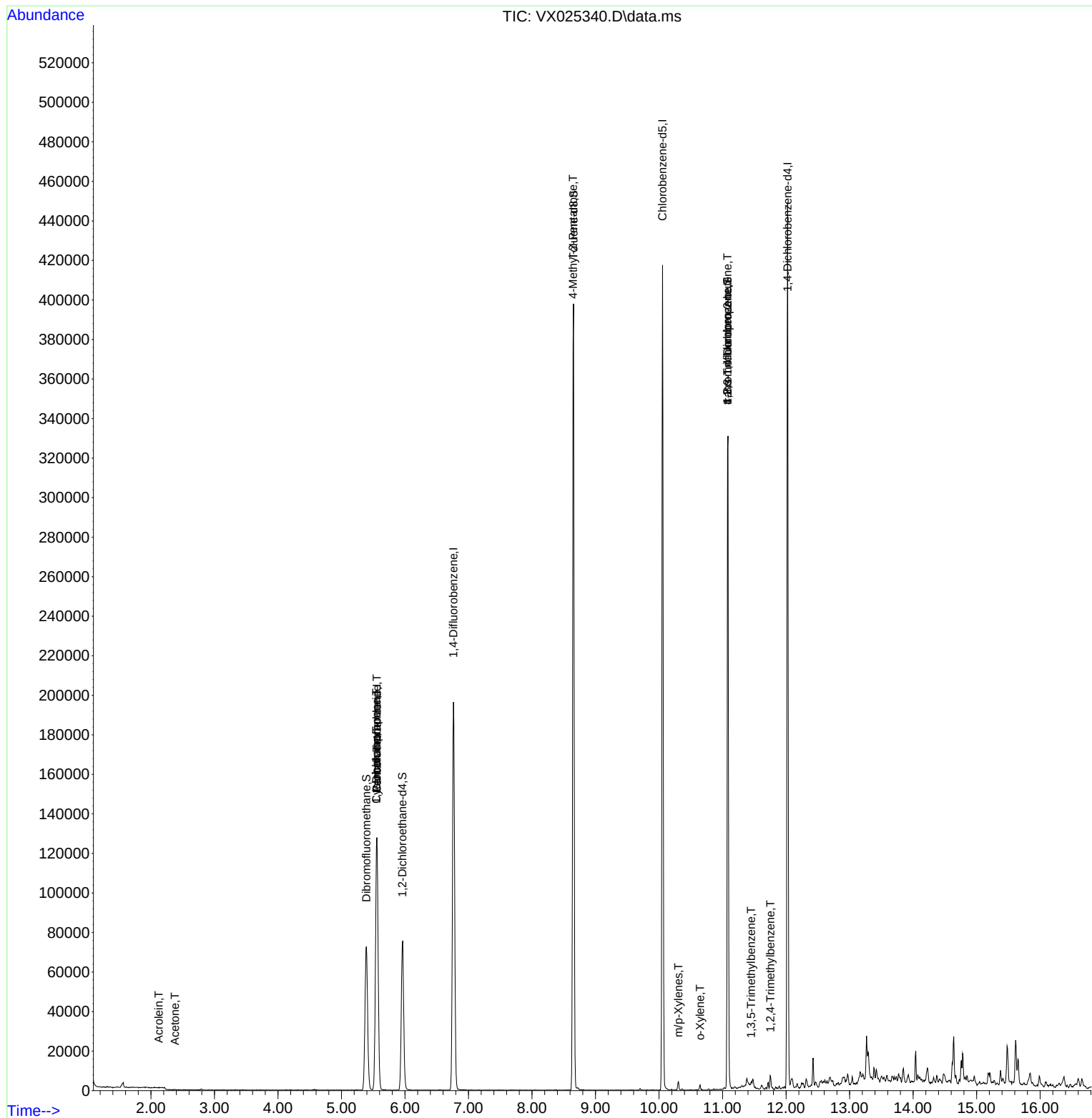
Internal Standards						
1) Pentafluorobenzene	5.556	168	133180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68839	49.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.080%
35) Dibromofluoromethane	5.391	113	63211	48.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.800%
50) Toluene-d8	8.653	98	241334	49.142	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	89808	48.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.680%
Target Compounds						
					Qvalue	
13) Acrolein	2.123	56	23	0.358	ug/l #	1
16) Acetone	2.379	43	294	0.377	ug/l #	45
31) Cyclohexane	5.550	56	2344	1.081	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9069	4.883	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12618	6.168	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	943	0.428	ug/l #	1
68) m/p-Xylenes	10.305	106	1155	0.413	ug/l	97
69) o-Xylene	10.646	106	598	0.219	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	42753	21.492	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	1164	0.200	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	42753	54.141	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.756	105	3121	0.543	ug/l	96

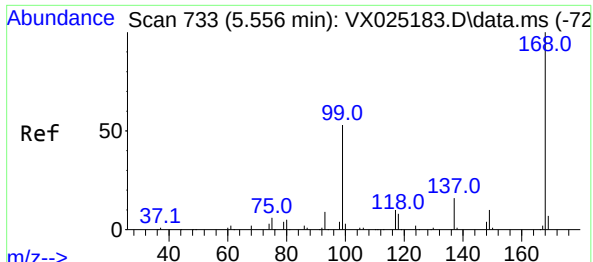
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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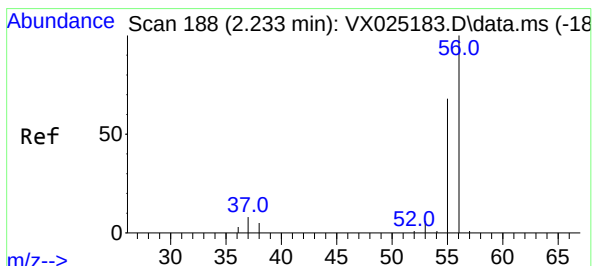
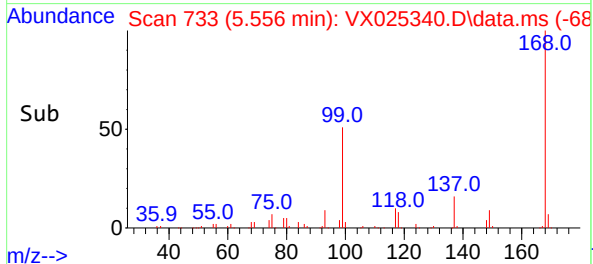
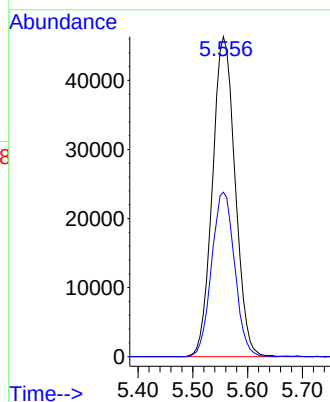
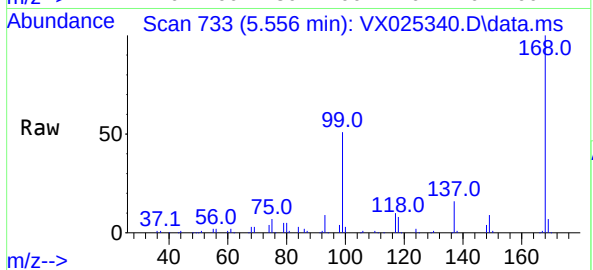




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

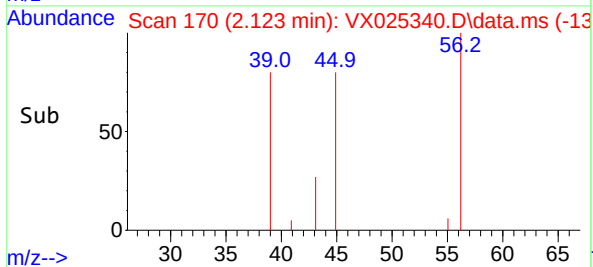
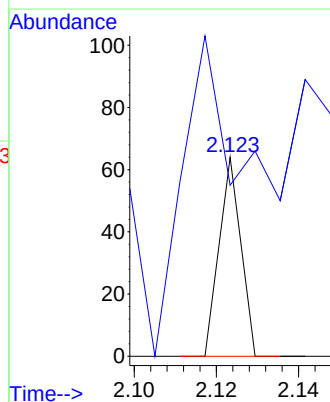
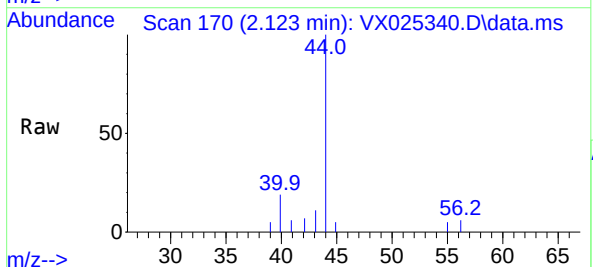
Instrument :
MSVOA_X
ClientSampleId :
IBLK

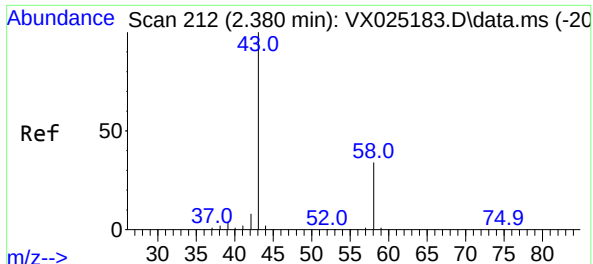
Tgt Ion:168 Resp: 133180
Ion Ratio Lower Upper
168 100
99 51.4 46.4 69.6



#13
Acrolein
Concen: 0.358 ug/l
RT: 2.123 min Scan# 170
Delta R.T. -0.110 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 526.1 58.6 87.8#

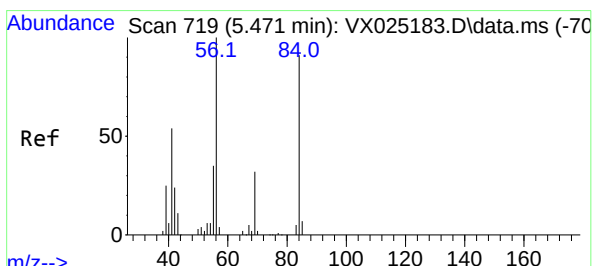
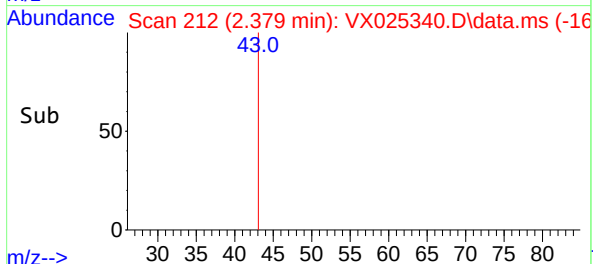
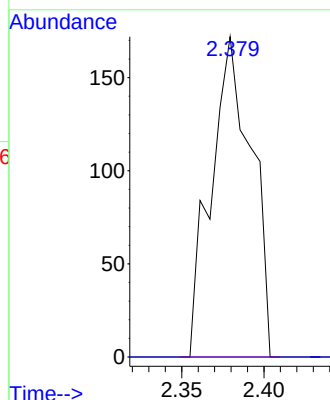
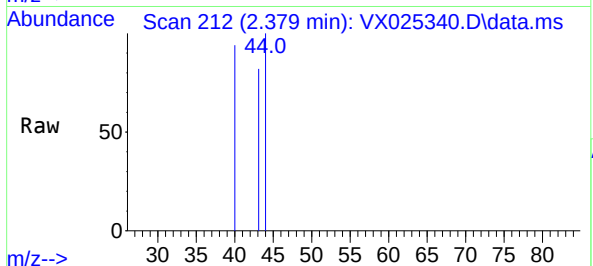




#16
Acetone
Concen: 0.377 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

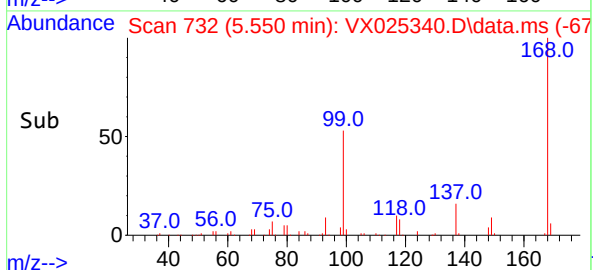
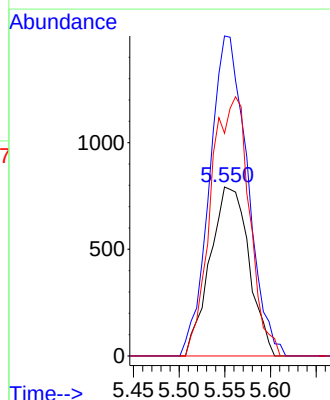
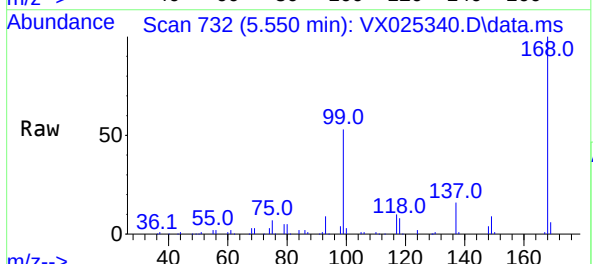
Instrument :
MSVOA_X
ClientSampleId :
IBLK

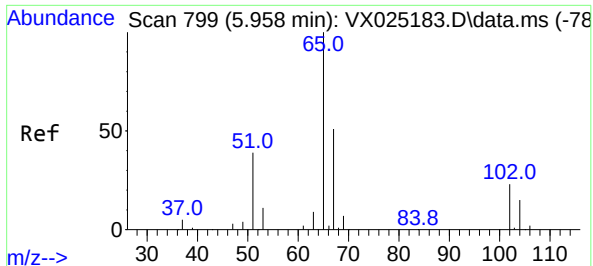
Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#31
Cyclohexane
Concen: 1.081 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion: 56 Resp: 2344
Ion Ratio Lower Upper
56 100
69 189.4 24.2 36.2#
84 131.8 71.5 107.3#

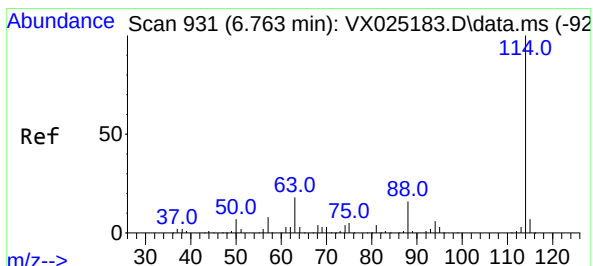
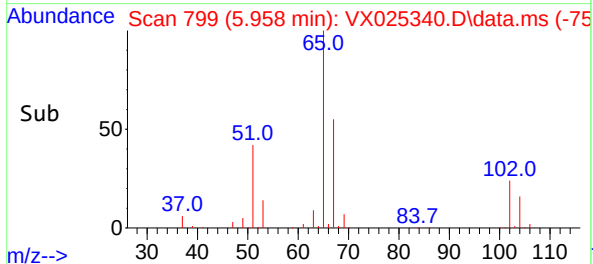
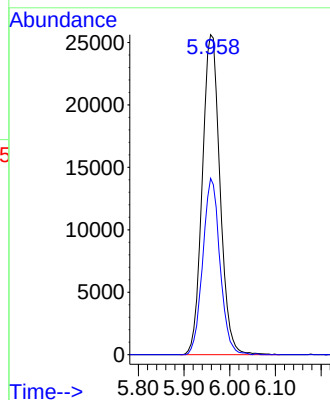
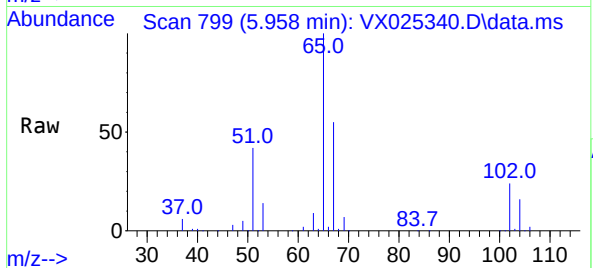




#33
 1,2-Dichloroethane-d4
 Concen: 49.037 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025340.D
 Acq: 24 Nov 2021 20:29

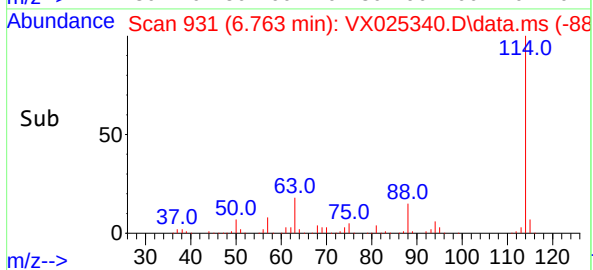
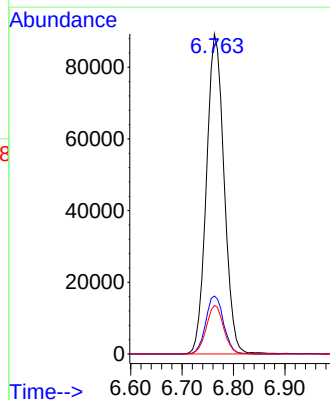
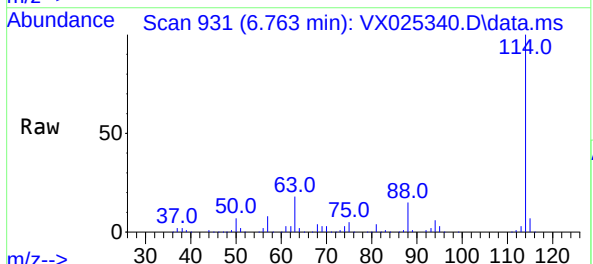
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

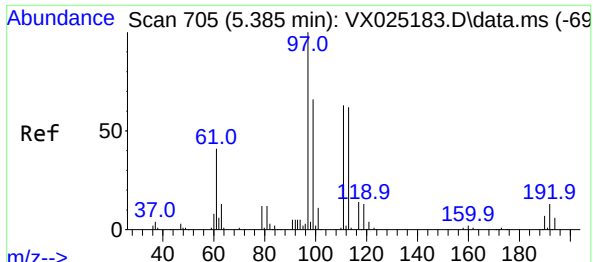
Tgt Ion: 65 Resp: 68839
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025340.D
 Acq: 24 Nov 2021 20:29

Tgt Ion: 114 Resp: 212877
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 41.0
 88 15.2 0.0 34.8



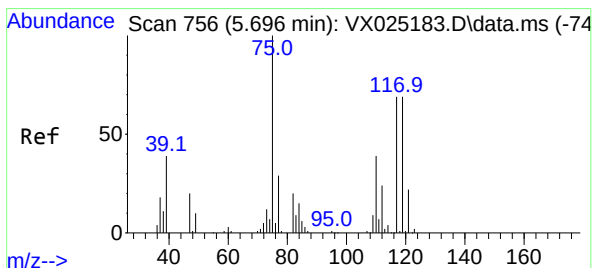
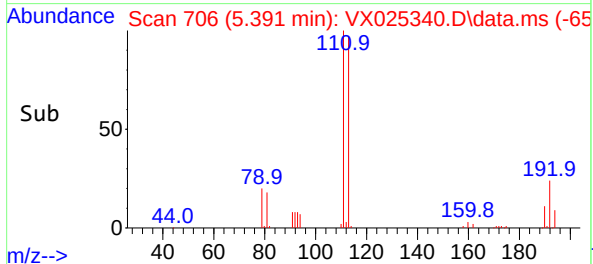
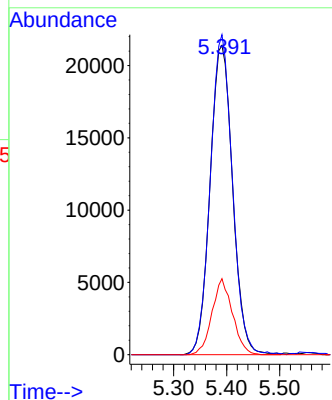
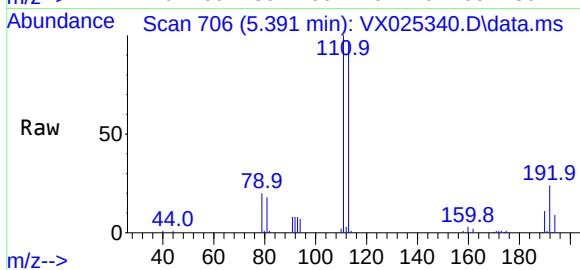


#35
Dibromofluoromethane
Concen: 48.395 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:113 Resp: 63211

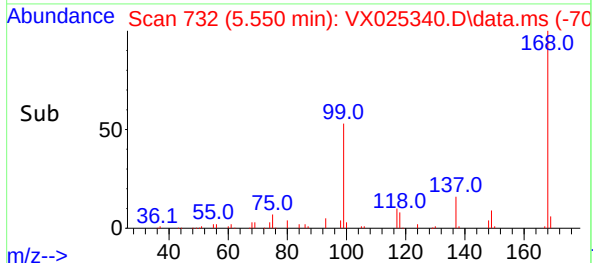
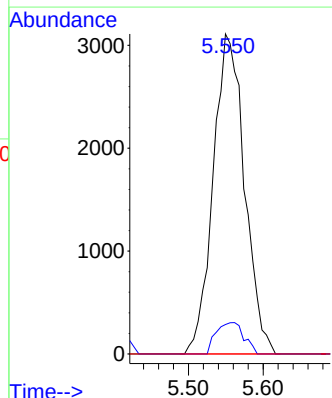
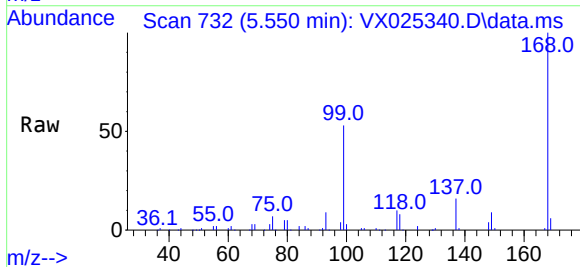
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.1	123.1
192	22.3	15.6	23.4

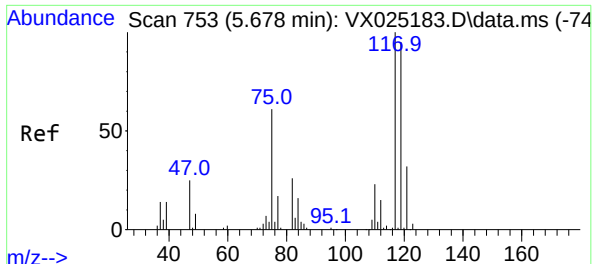


#36
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion: 75 Resp: 9069

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.3#
77	0.0	24.4	36.6#

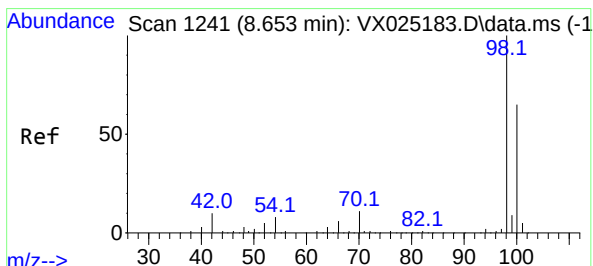
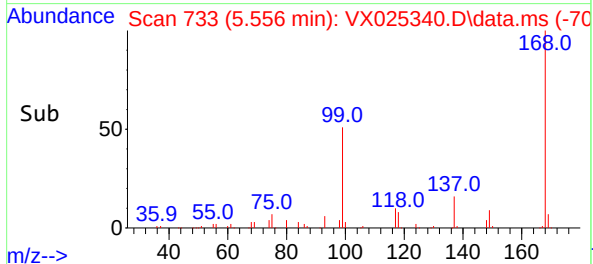
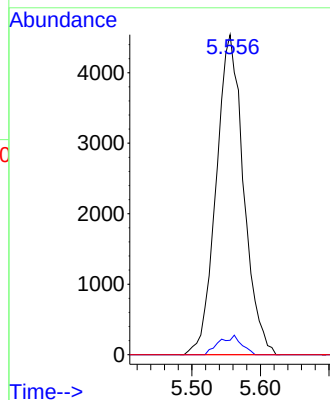
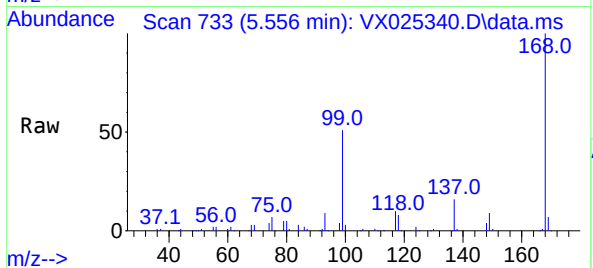




#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

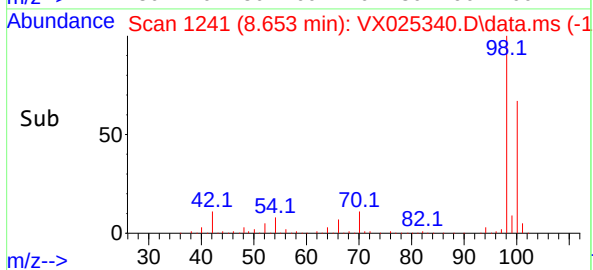
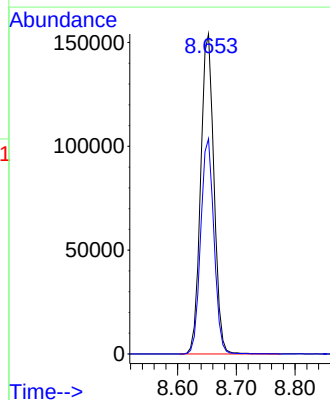
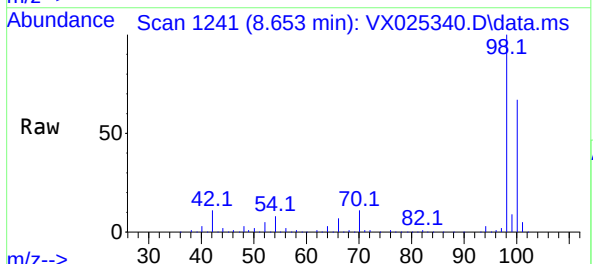
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IBLK

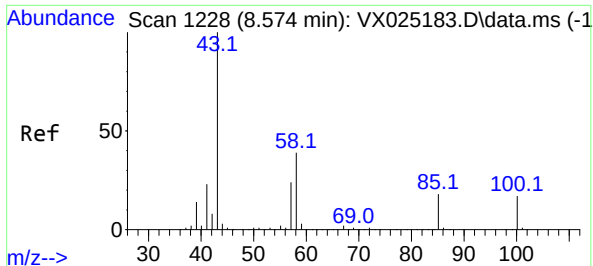
Tgt Ion:117 Resp: 12618
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 49.142 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion: 98 Resp: 241334
Ion Ratio Lower Upper
98 100
100 67.1 51.4 77.0

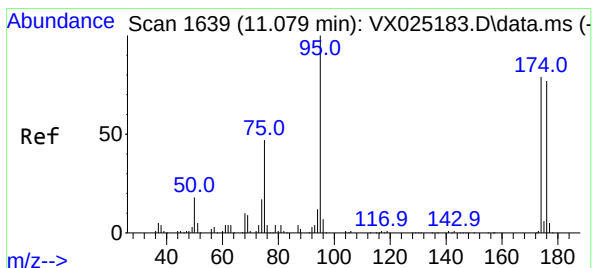
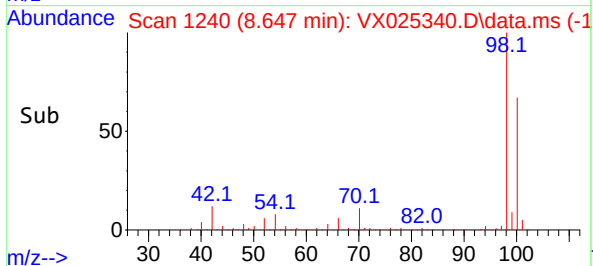
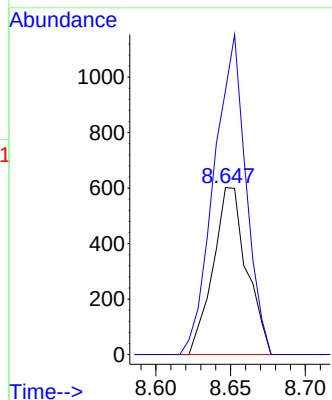
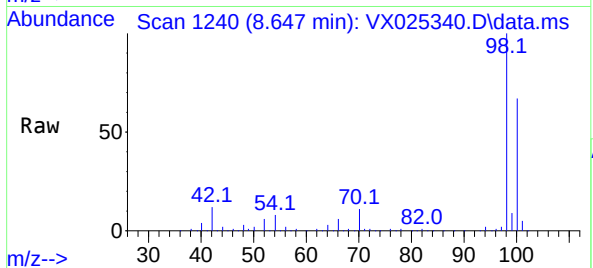




#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

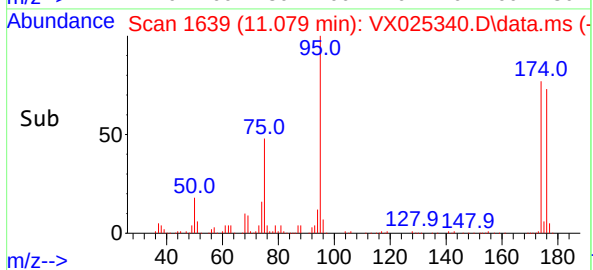
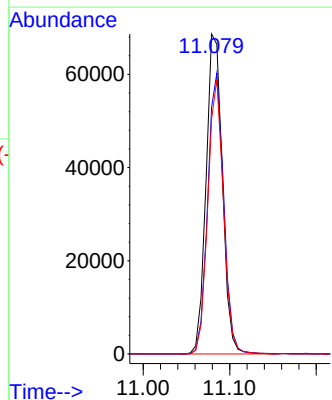
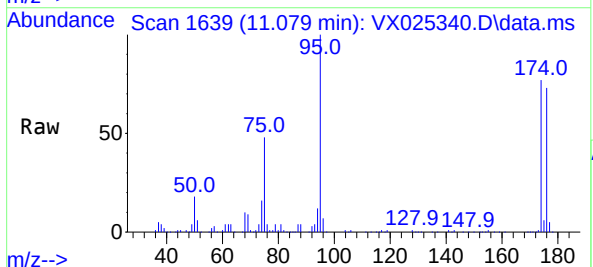
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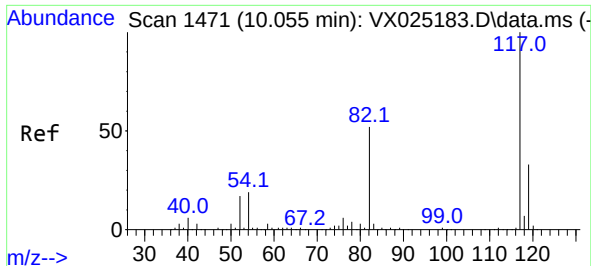
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 182.2 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 48.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion: 95 Resp: 89808
Ion Ratio Lower Upper
95 100
174 86.3 0.0 158.0
176 82.3 0.0 153.6

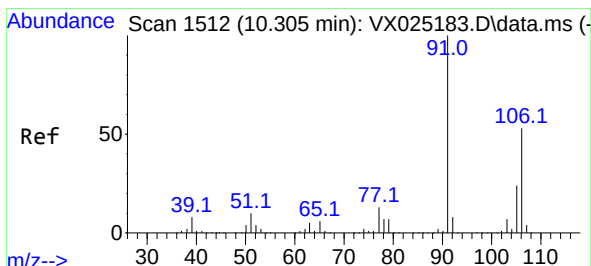
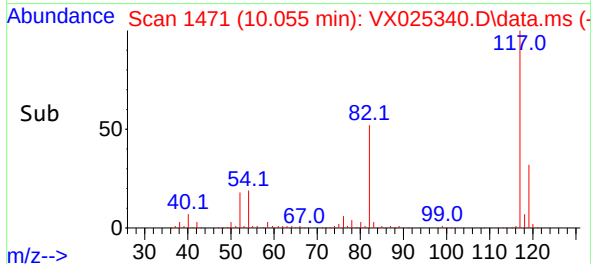
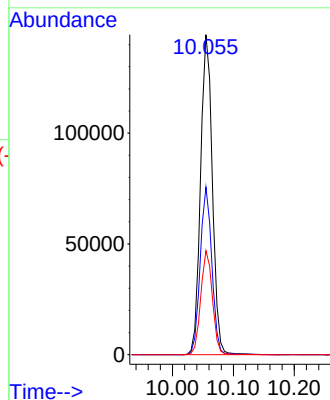
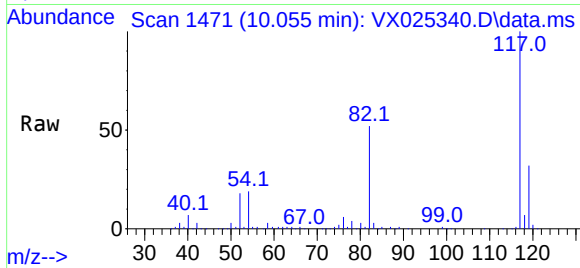




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

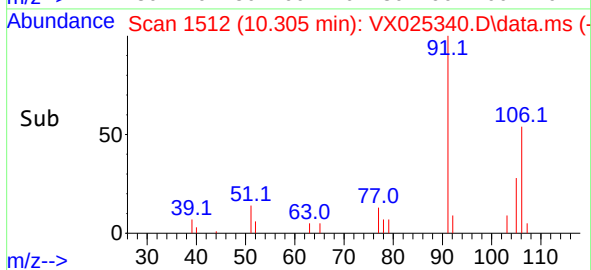
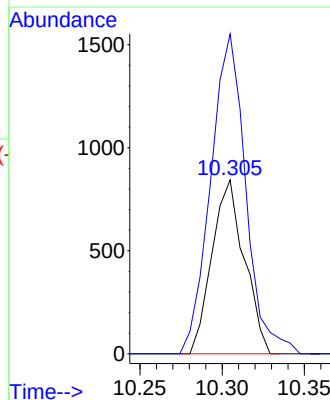
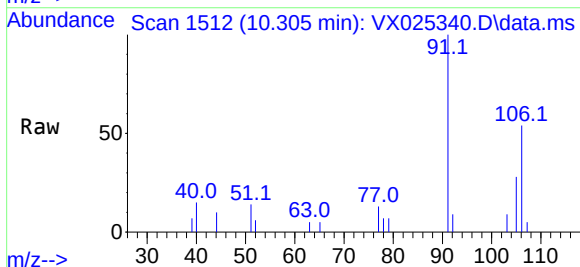
Instrument :
MSVOA_X
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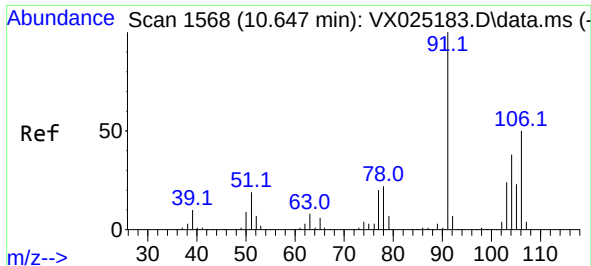
Tgt Ion:117 Resp: 194250
Ion Ratio Lower Upper
117 100
82 52.4 44.6 67.0
119 32.5 24.8 37.2



#68
m/p-Xylenes
Concen: 0.413 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion:106 Resp: 1155
Ion Ratio Lower Upper
106 100
91 199.5 163.4 245.0

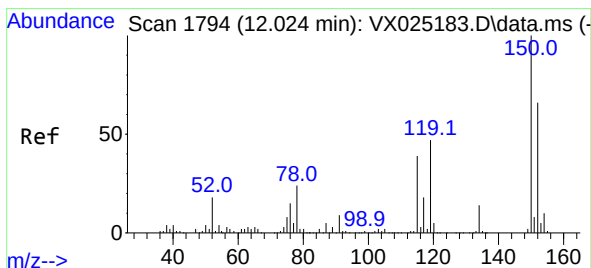
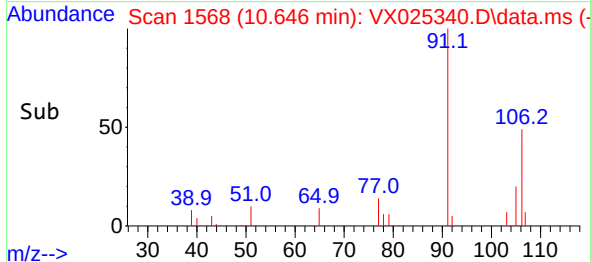
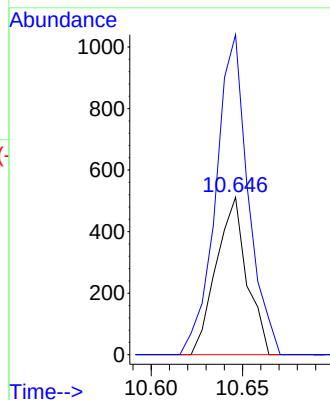
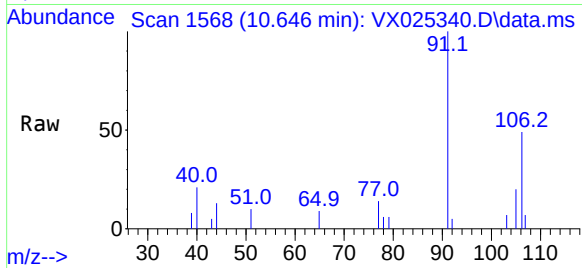




#69
o-Xylene
Concen: 0.219 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

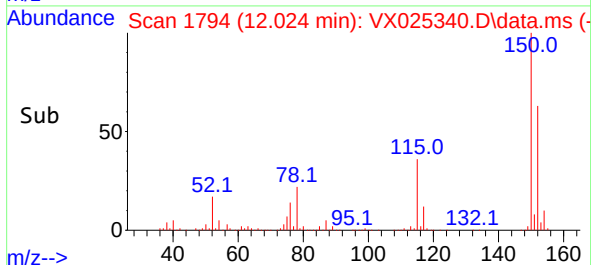
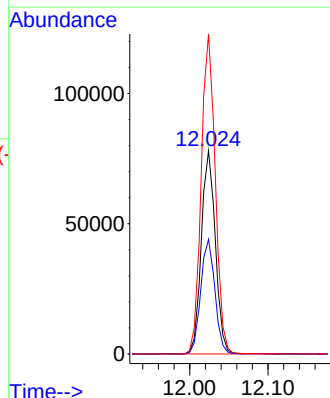
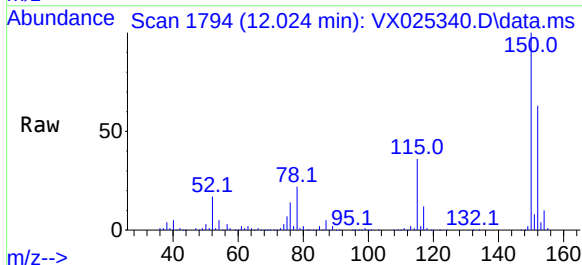
Instrument :
MSVOA_X
ClientSampleId :
IBLK

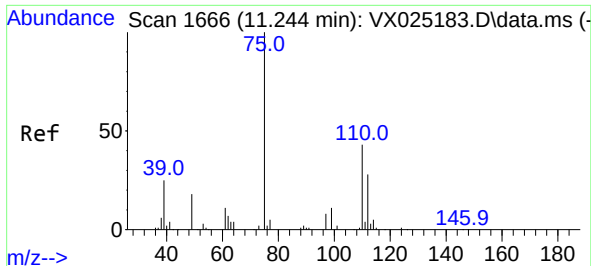
Tgt Ion:106 Resp: 598
Ion Ratio Lower Upper
106 100
91 214.5 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion:152 Resp: 97143
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 158.0 0.0 351.2

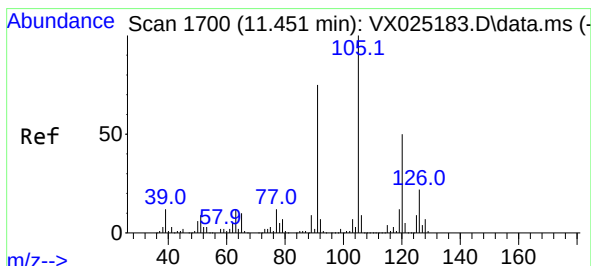
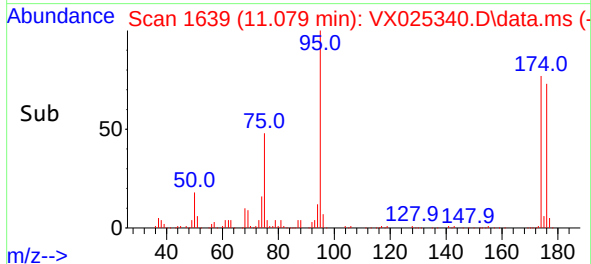
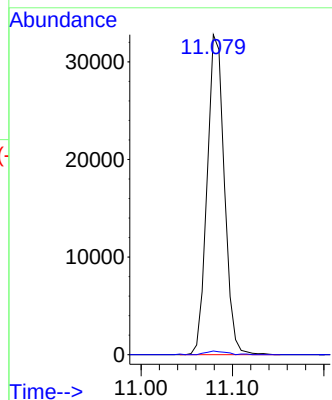
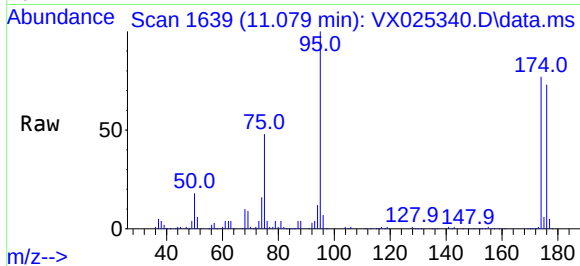




#76
1,2,3-Trichloropropane
Concen: 21.492 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

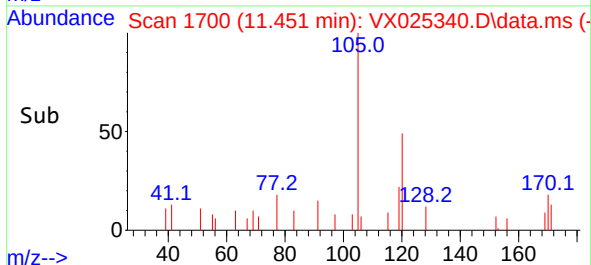
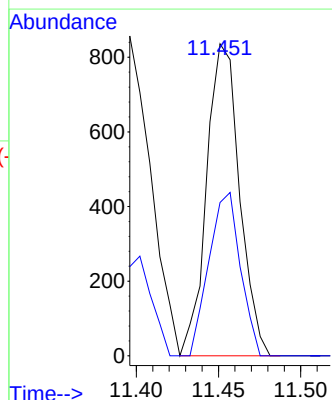
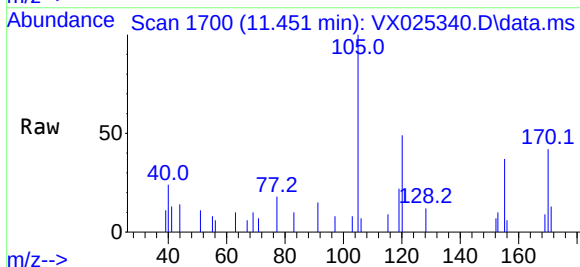
Instrument :
MSVOA_X
ClientSampleId :
IBLK

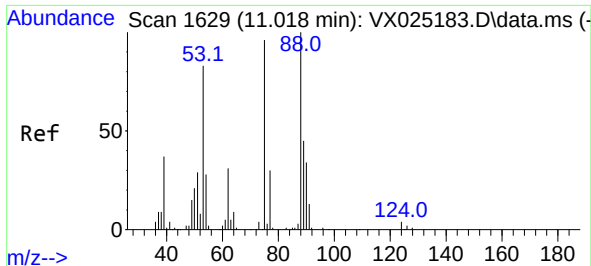
Tgt Ion: 75 Resp: 42753
Ion Ratio Lower Upper
75 100
77 1.4 20.0 59.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.200 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion: 105 Resp: 1164
Ion Ratio Lower Upper
105 100
120 49.9 23.8 71.5

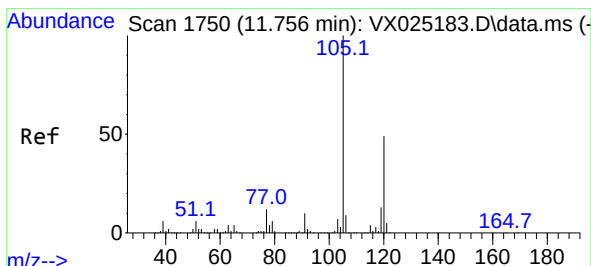
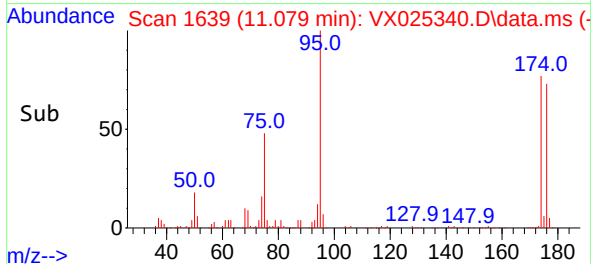
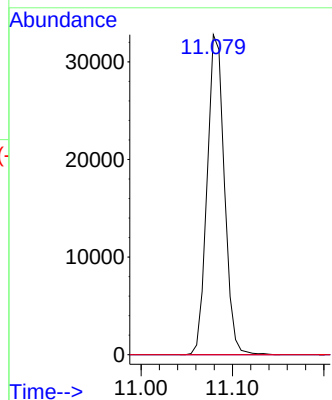
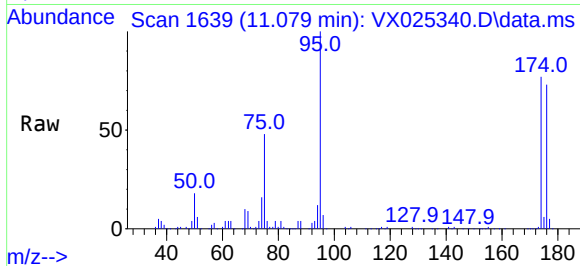




#81
trans-1,4-Dichloro-2-butene
Concen: 54.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 42753
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.543 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025340.D
Acq: 24 Nov 2021 20:29

Tgt Ion: 105 Resp: 3121
Ion Ratio Lower Upper
105 100
120 46.7 22.1 66.3

