

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037085.D
 Acq On : 18 Aug 2023 15:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 19 05:19:07 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)

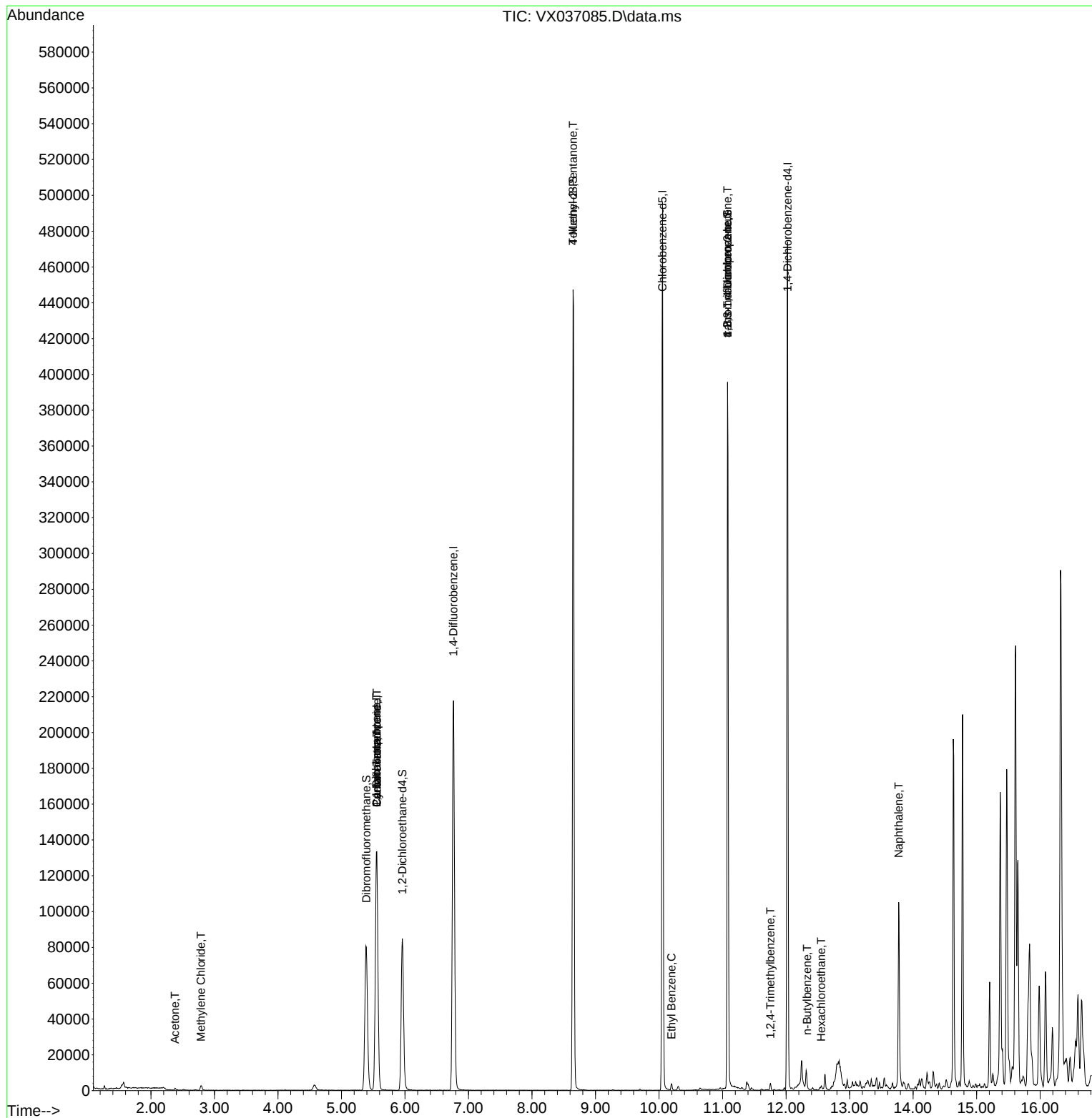
Internal Standards						
1) Pentafluorobenzene	5.556	168	125226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84517	46.815	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.391	113	71385	46.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.920%		
50) Toluene-d8	8.647	98	275050	49.886	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	110445	50.973	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.940%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	958	1.356	ug/l #	82
20) Methylene Chloride	2.788	84	1553	0.983	ug/l #	83
31) Cyclohexane	5.556	56	2432	1.198	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10066	4.661	ug/l #	47
38) Carbon Tetrachloride	5.556	117	13626	5.809	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1067	0.502	ug/l #	1
67) Ethyl Benzene	10.195	91	2475	0.301	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	55970	26.032	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55970	72.710	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1972	0.319	ug/l	93
89) n-Butylbenzene	12.329	91	1496	0.307	ug/l #	27
90) Hexachloroethane	12.554	117	251	0.256	ug/l #	17
95) Naphthalene	13.774	128	72482	8.607	ug/l	99

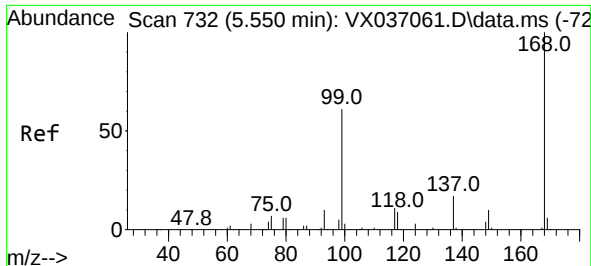
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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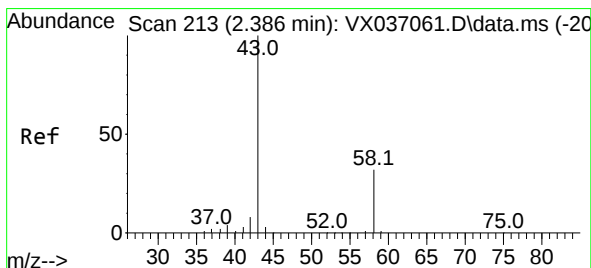
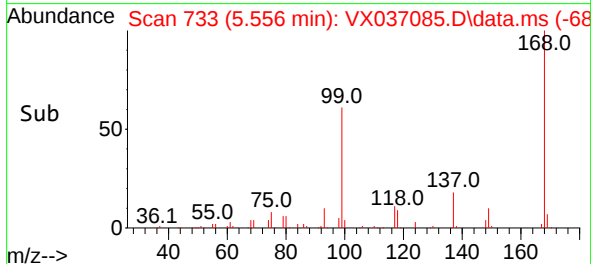
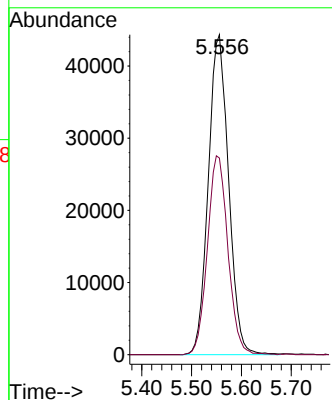
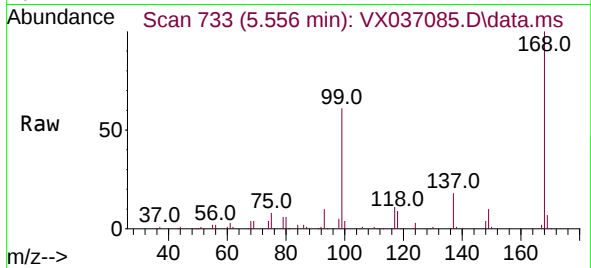




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

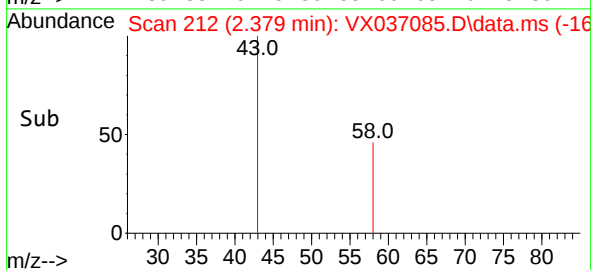
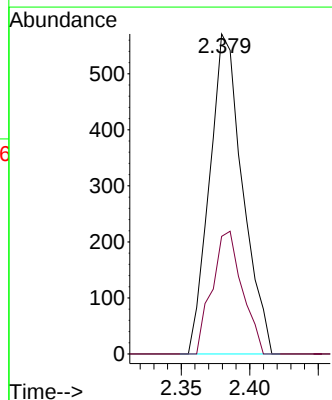
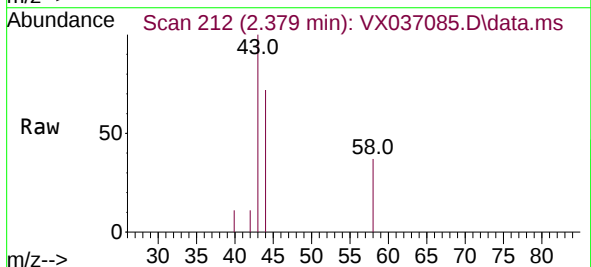
Instrument :
MSVOA_X
ClientSampleId :
IBLK

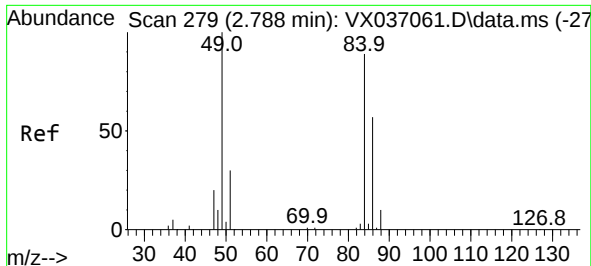
Tgt Ion:168 Resp: 125226
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#16
Acetone
Concen: 1.356 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
58 36.8 21.9 32.9#

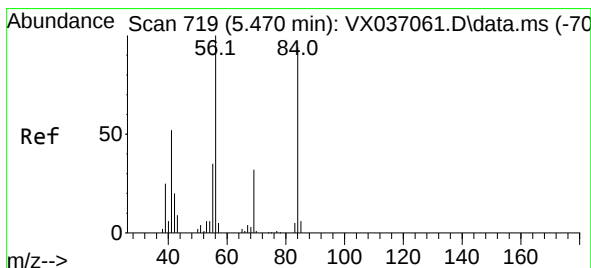
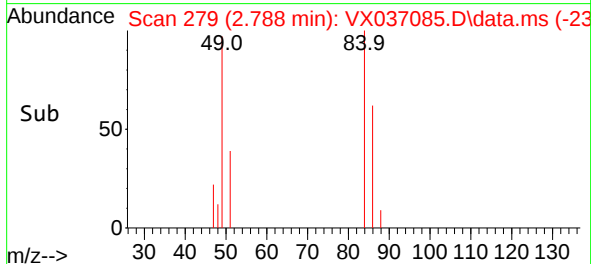
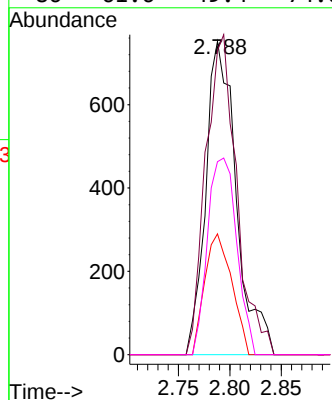
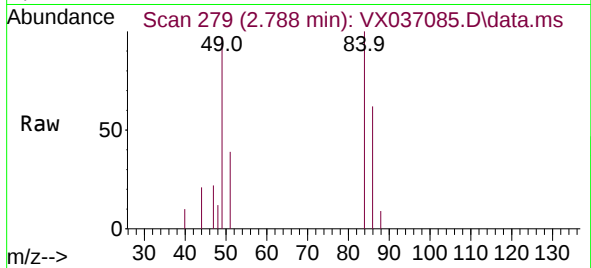




#20
Methylene Chloride
Concen: 0.983 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

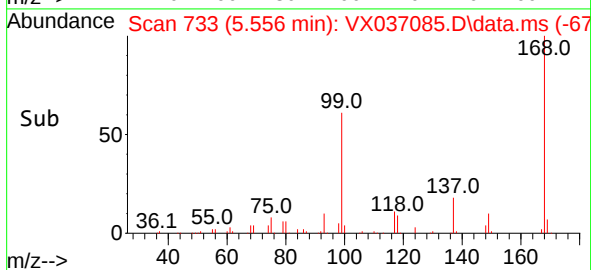
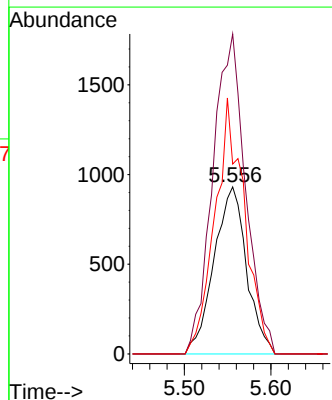
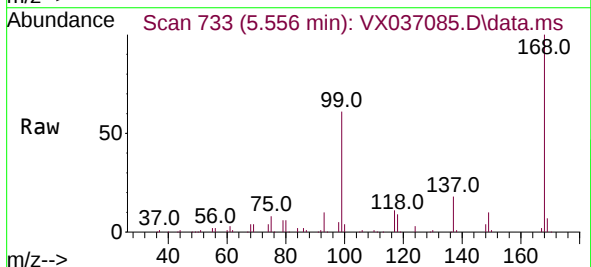
Instrument :
MSVOA_X
ClientSampleId :
IBLK

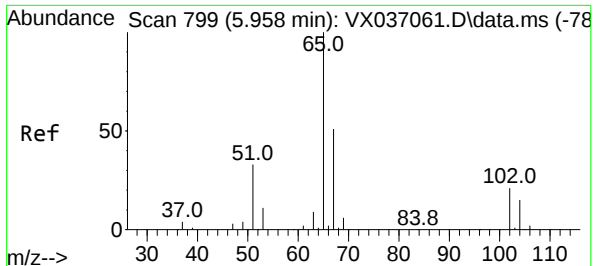
Tgt Ion:	84	Resp:	1553
Ion	Ratio	Lower	Upper
84	100		
49	97.1	103.6	155.4#
51	38.6	33.8	50.6
86	61.6	49.4	74.0



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Tgt Ion:	56	Resp:	2432
Ion	Ratio	Lower	Upper
56	100		
69	191.6	23.4	35.2#
84	113.7	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.815 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037085.D

Acq: 18 Aug 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

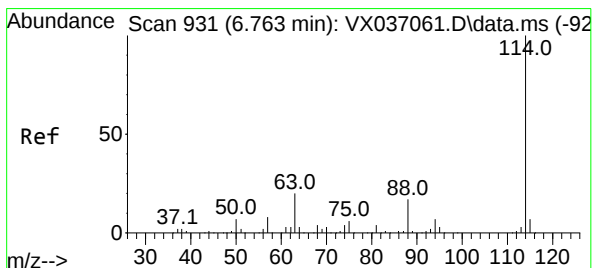
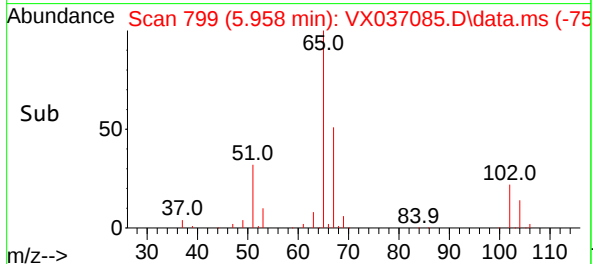
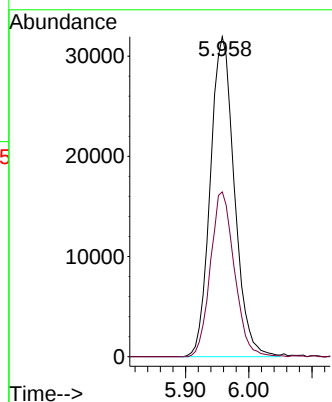
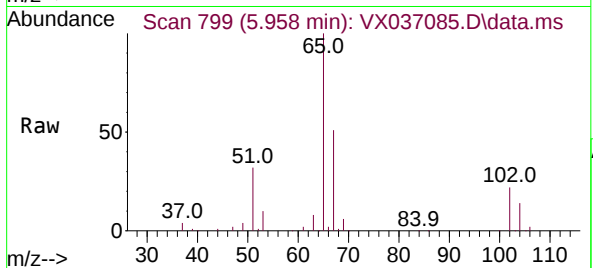
IBLK

Tgt Ion: 65 Resp: 84517

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037085.D

Acq: 18 Aug 2023 15:31

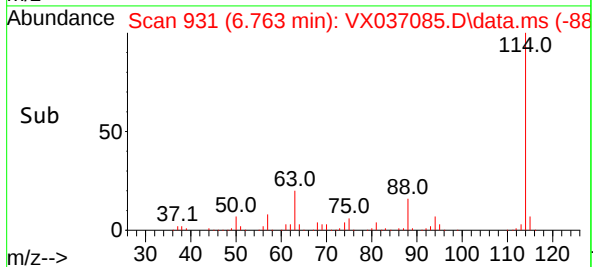
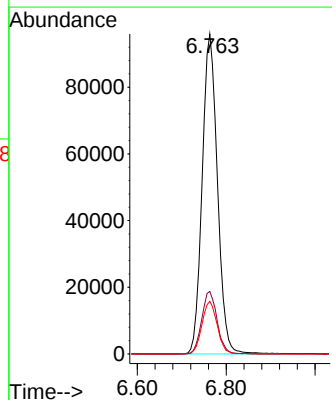
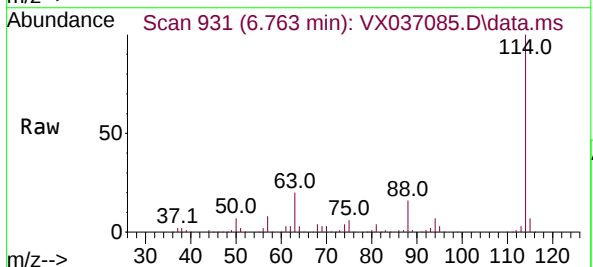
Tgt Ion: 114 Resp: 229508

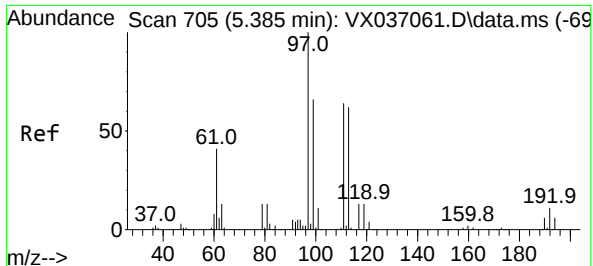
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.965 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037085.D

Acq: 18 Aug 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

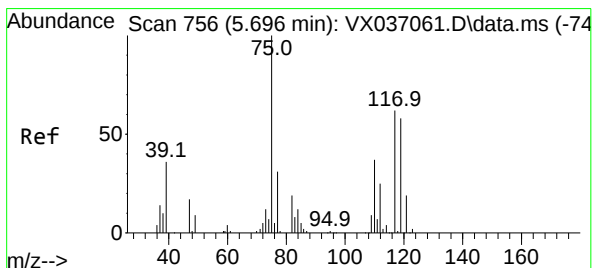
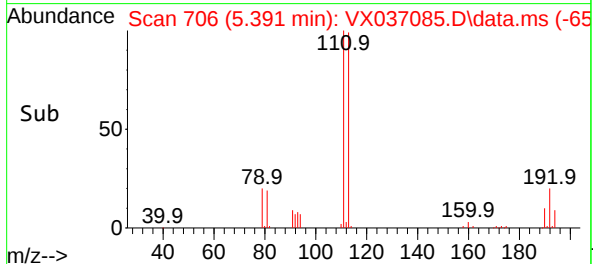
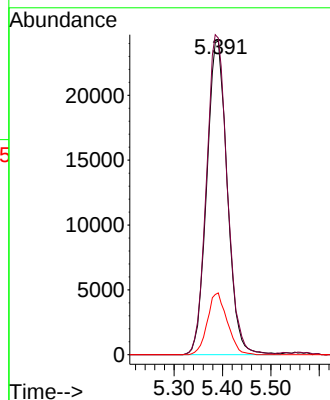
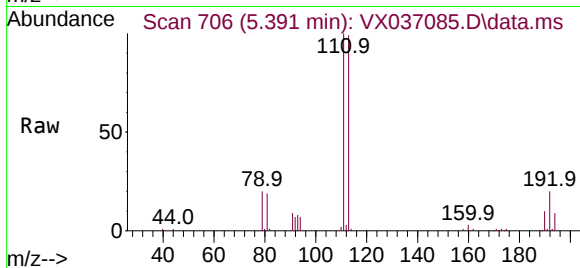
Tgt Ion:113 Resp: 71385

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 19.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037085.D

Acq: 18 Aug 2023 15:31

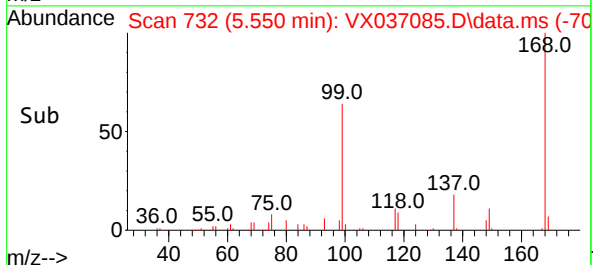
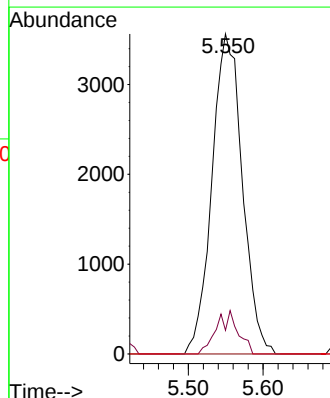
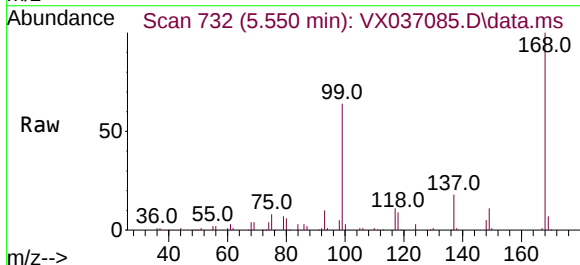
Tgt Ion: 75 Resp: 10066

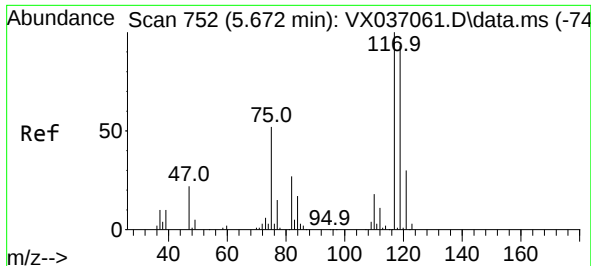
Ion Ratio Lower Upper

75 100

110 4.9 17.0 50.9#

77 0.0 24.7 37.1#

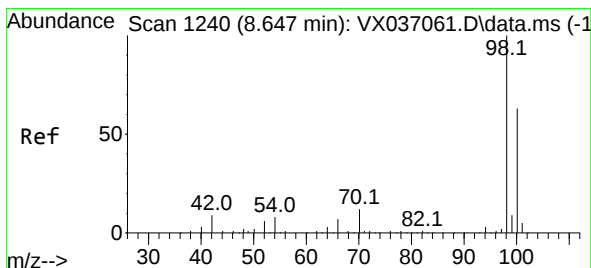
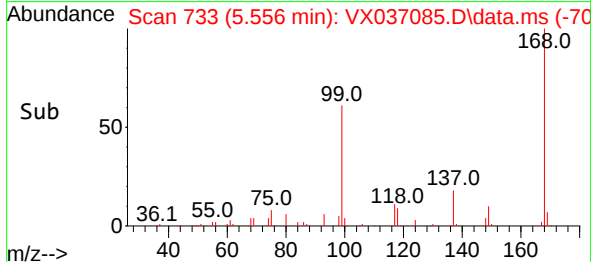
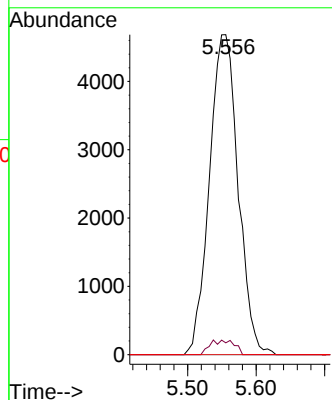
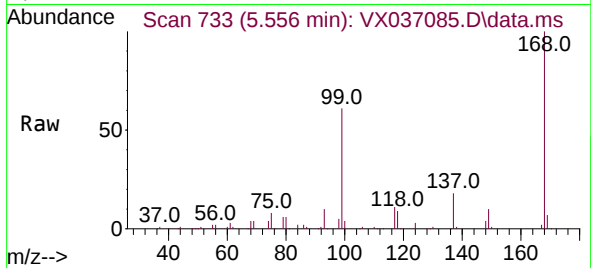




#38
Carbon Tetrachloride
Concen: 5.809 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

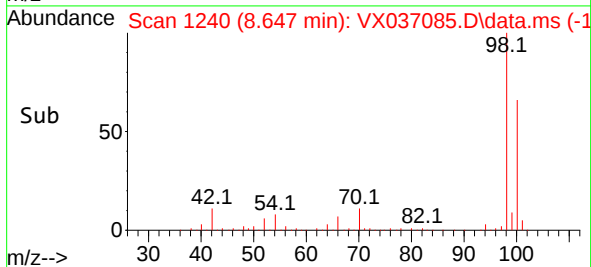
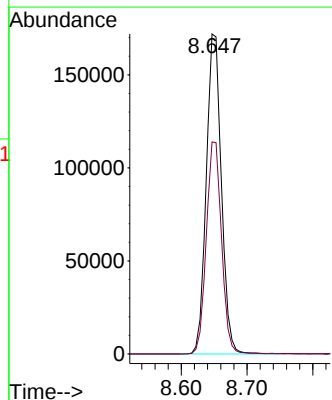
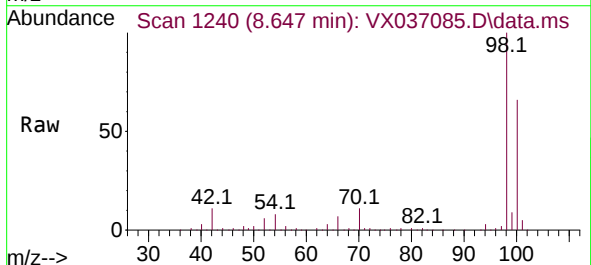
Instrument :
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IBLK

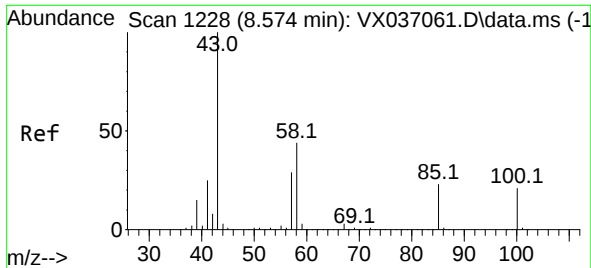
Tgt Ion:117 Resp: 13626
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.886 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Tgt Ion: 98 Resp: 275050
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

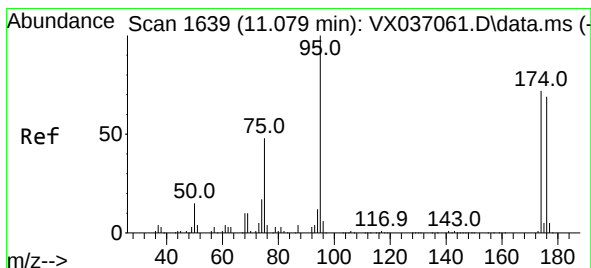
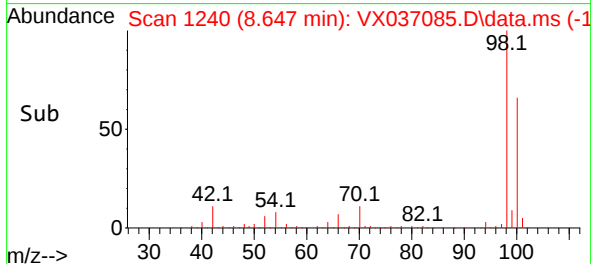
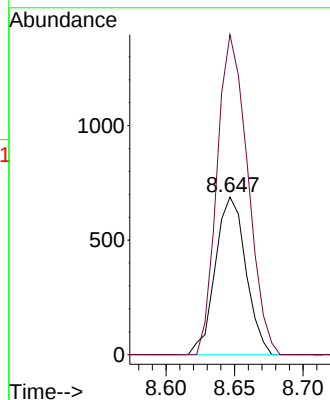
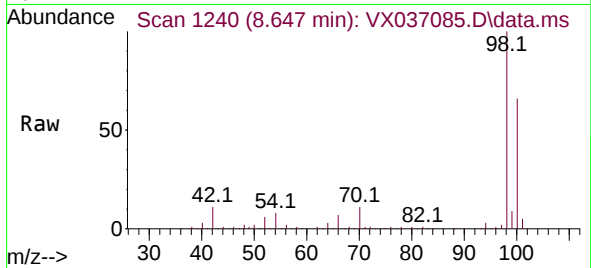




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

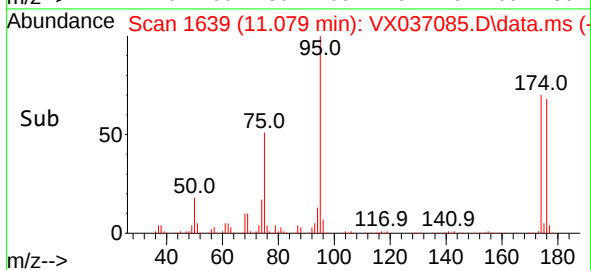
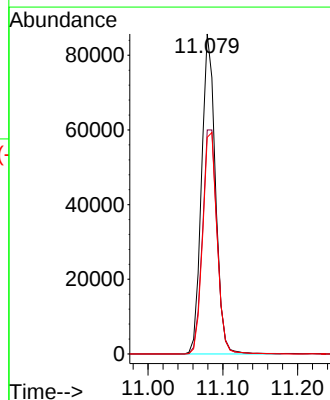
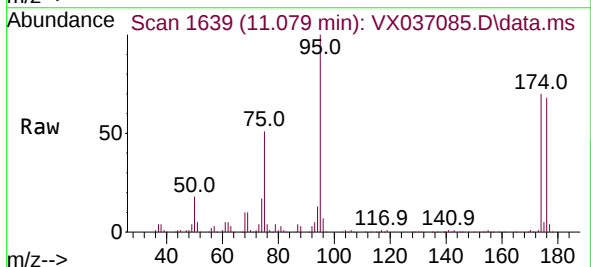
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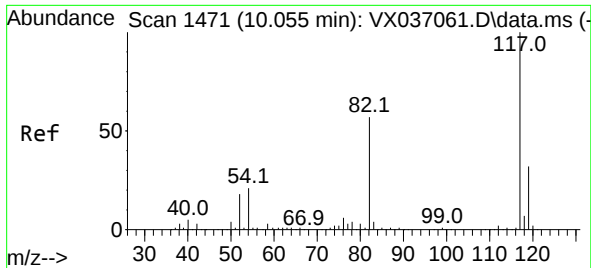
Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
58 203.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Tgt Ion: 95 Resp: 110445
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.7 0.0 131.0

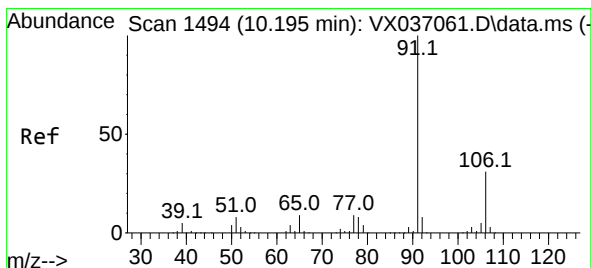
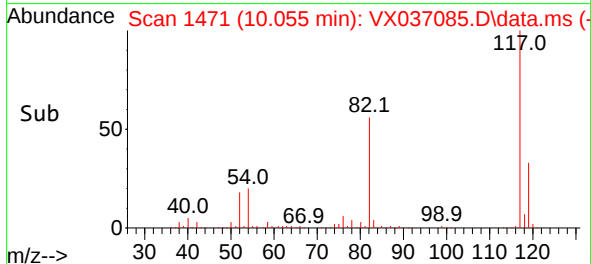
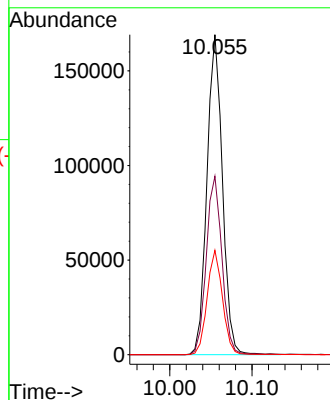
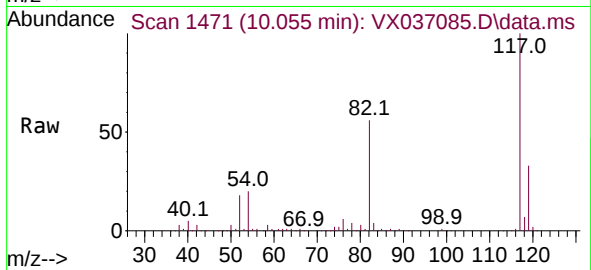




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

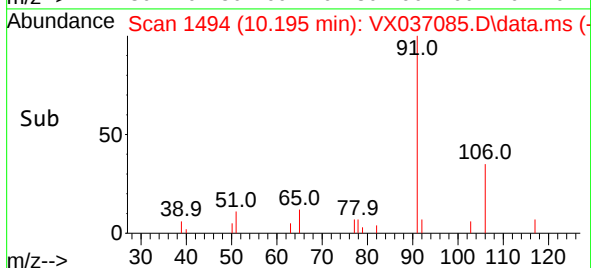
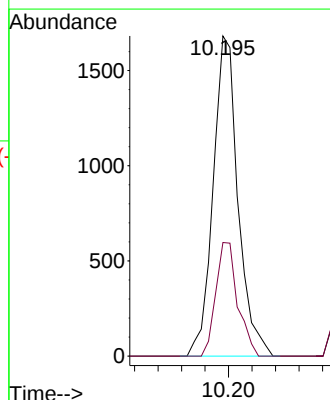
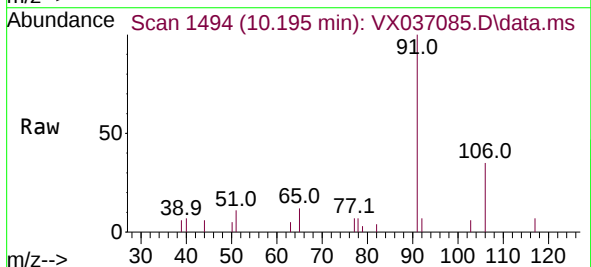
Instrument :
MSVOA_X
ClientSampleId :
IBLK

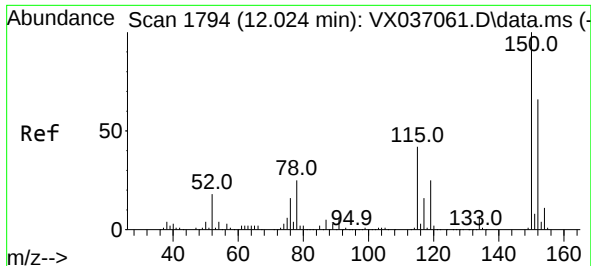
Tgt Ion:117 Resp: 221154
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 0.301 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Tgt Ion: 91 Resp: 2475
Ion Ratio Lower Upper
91 100
106 35.5 24.9 37.3

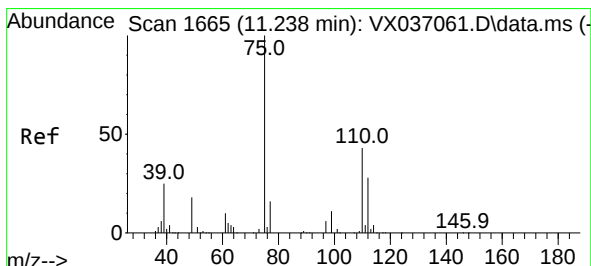
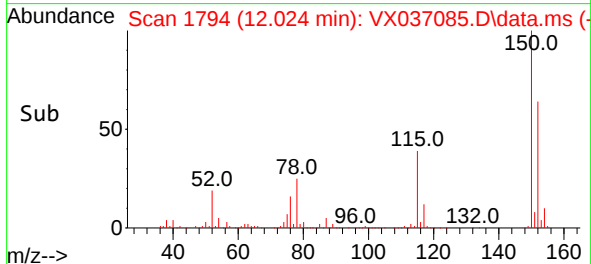
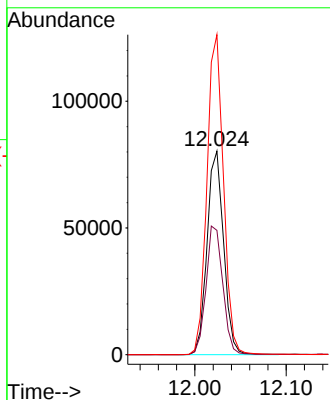
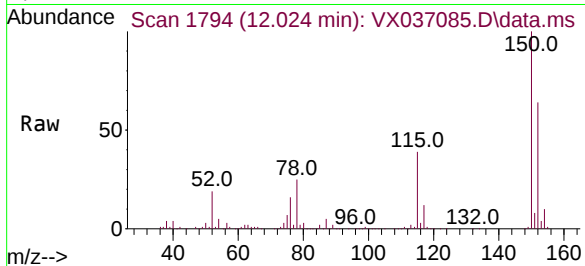




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

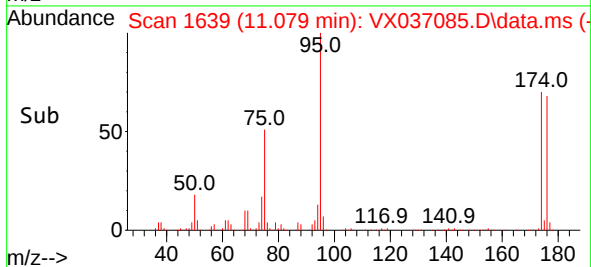
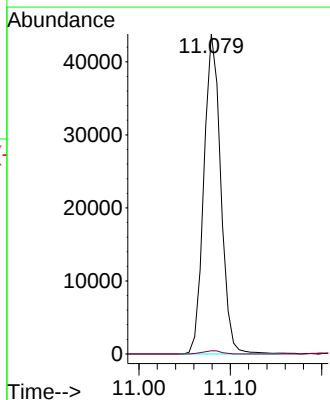
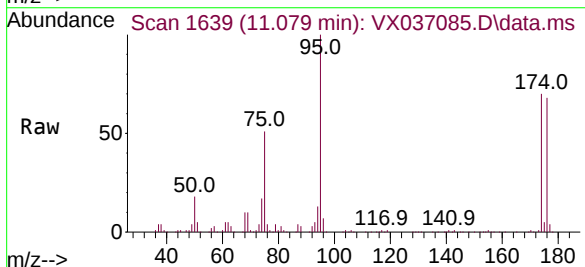
Instrument :
MSVOA_X
ClientSampleId :
IBLK

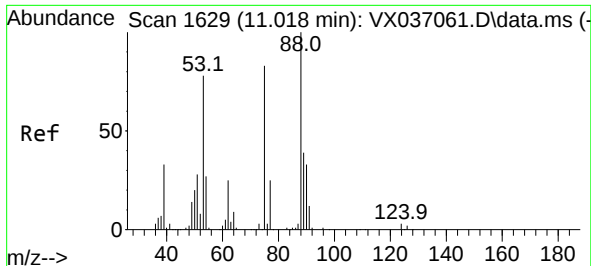
Tgt Ion:152 Resp: 100955
Ion Ratio Lower Upper
152 100
115 64.3 43.3 129.9
150 156.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Tgt Ion: 75 Resp: 55970
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

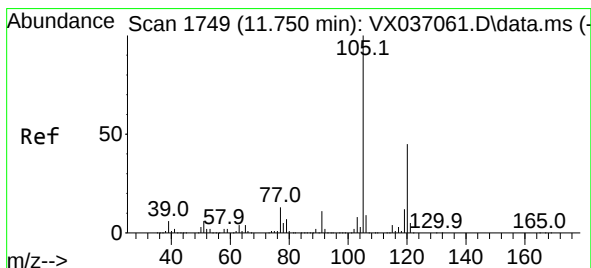
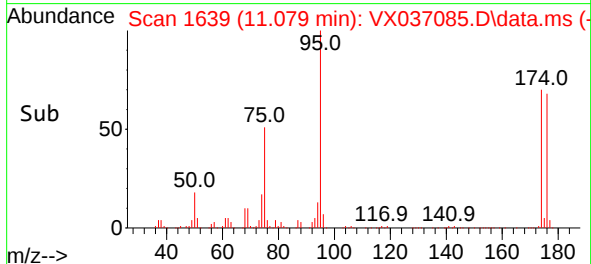
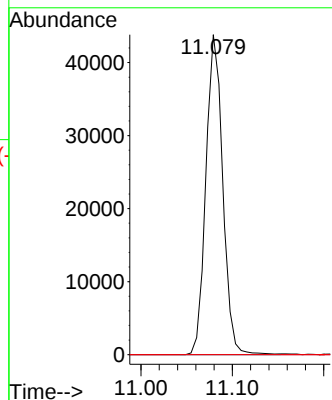
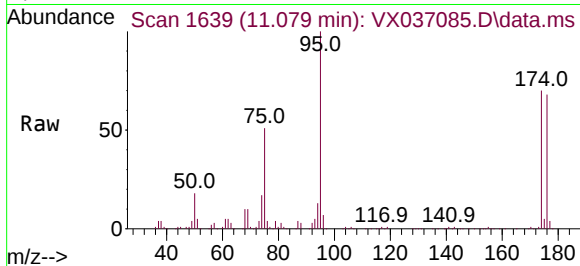




#81
trans-1,4-Dichloro-2-butene
Concen: 72.710 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

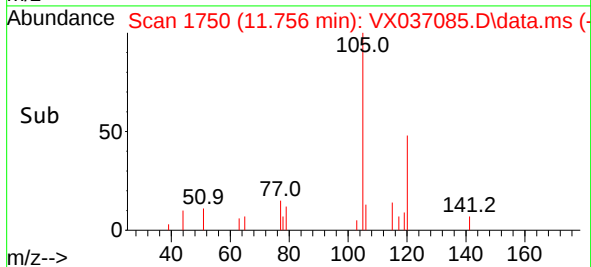
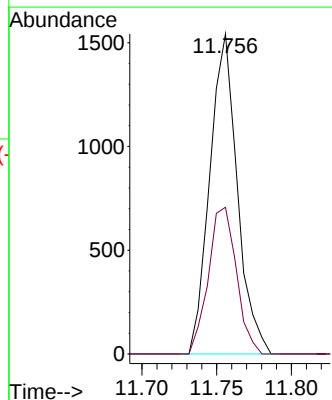
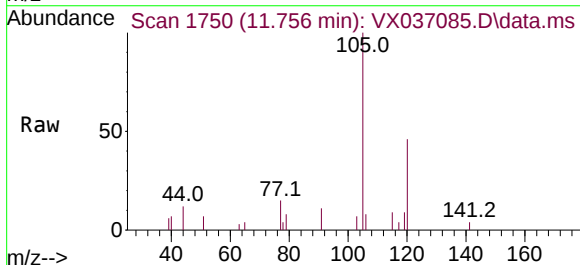
Instrument :
MSVOA_X
ClientSampleId :
IBLK

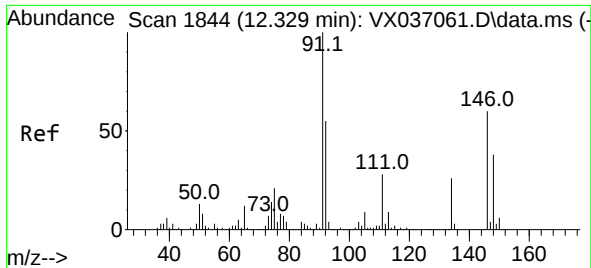
Tgt Ion: 75 Resp: 55970
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.319 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Tgt Ion:105 Resp: 1972
Ion Ratio Lower Upper
105 100
120 46.7 21.2 63.6

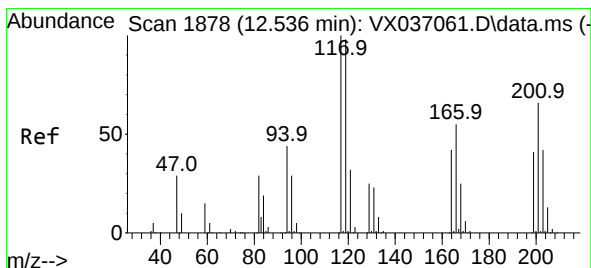
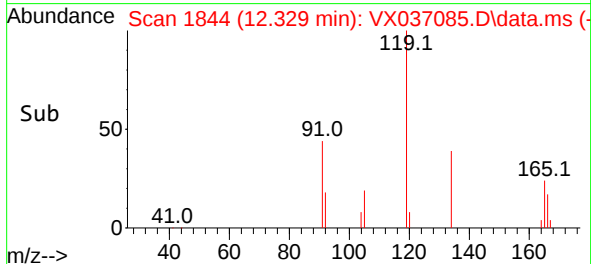
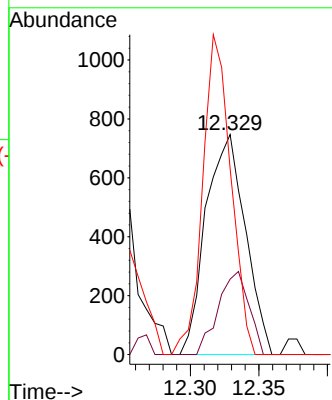
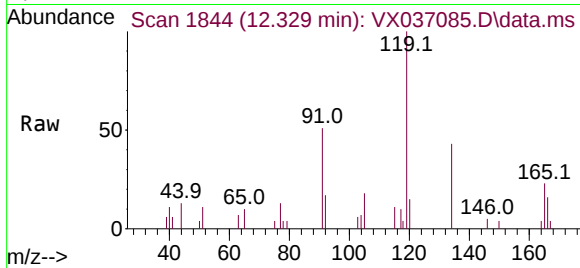




#89
n-Butylbenzene
Concen: 0.307 ug/l
RT: 12.329 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

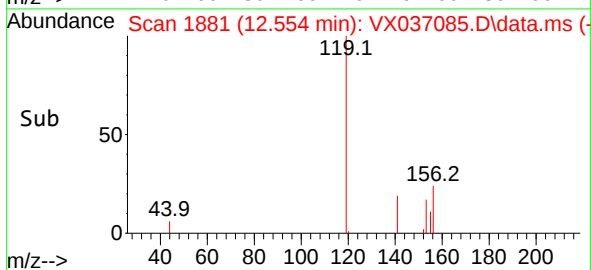
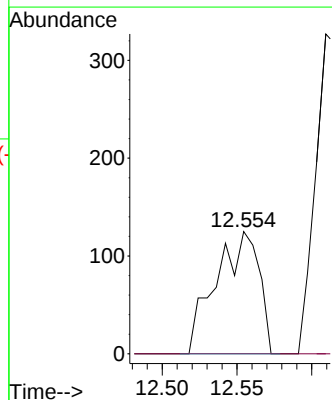
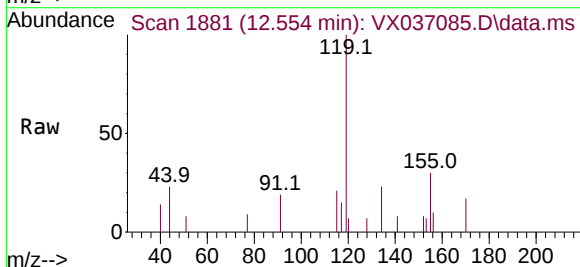
Instrument :
MSVOA_X
ClientSampleId :
IBLK

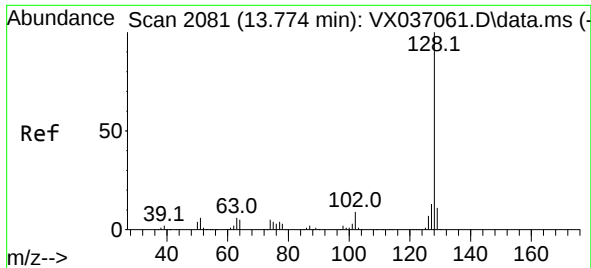
Tgt Ion: 91	Resp: 1496
Ion Ratio	Lower Upper
91	100
92	29.3 27.4 82.0
134	103.7 12.6 37.8#



#90
Hexachloroethane
Concen: 0.256 ug/l
RT: 12.554 min Scan# 1881
Delta R.T. 0.018 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Tgt Ion: 117	Resp: 251
Ion Ratio	Lower Upper
117	100
201	0.0 32.9 98.6#





#95
Naphthalene
Concen: 8.607 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037085.D
Acq: 18 Aug 2023 15:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 72482
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.8 8.8 13.2

