

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039929.D
 Acq On : 24 Jan 2024 12:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 25 01:36:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

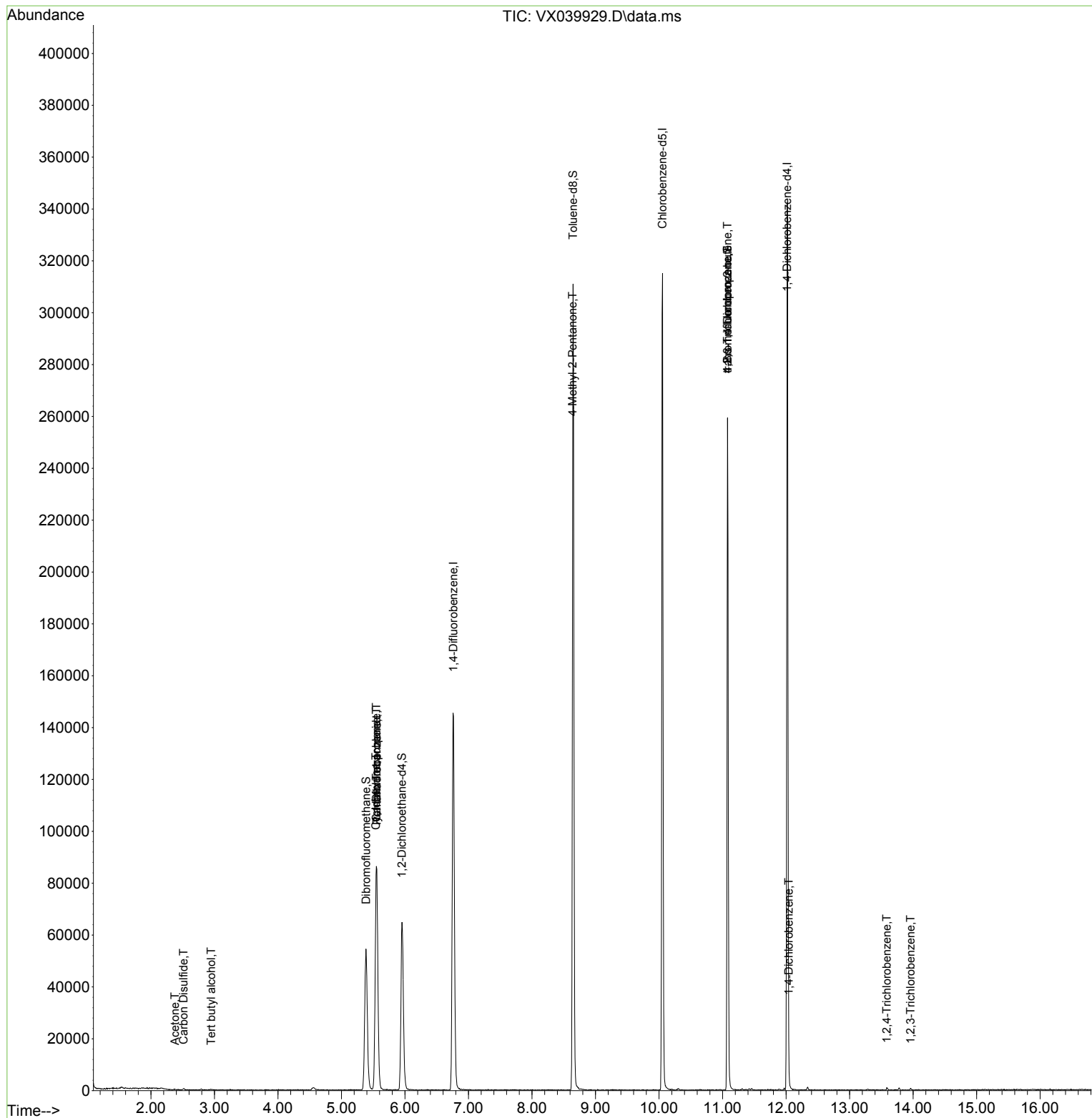
Internal Standards						
1) Pentafluorobenzene	5.556	168	76577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63206	49.273	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.540%		
35) Dibromofluoromethane	5.385	113	46242	48.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.580%		
50) Toluene-d8	8.647	98	174429	48.793	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	68256	48.826	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.660%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	145	0.434	ug/l #	78
16) Acetone	2.380	43	189	0.262	ug/l #	47
17) Carbon Disulfide	2.514	76	538	0.203	ug/l #	76
31) Cyclohexane	5.544	56	2183	1.289	ug/l #	52
36) 1,1-Dichloropropene	5.550	75	7081	4.799	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8944	6.619	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	852	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38996	23.463	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38996	67.601	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	502	0.223	ug/l #	71
93) 1,2,4-Trichlorobenzene	13.585	180	361	0.274	ug/l	91
96) 1,2,3-Trichlorobenzene	13.963	180	267	0.201	ug/l #	68

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

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Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jan 25 01:36:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

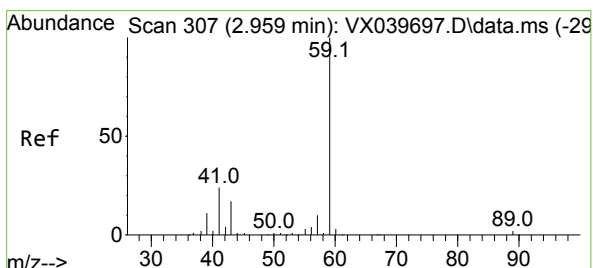
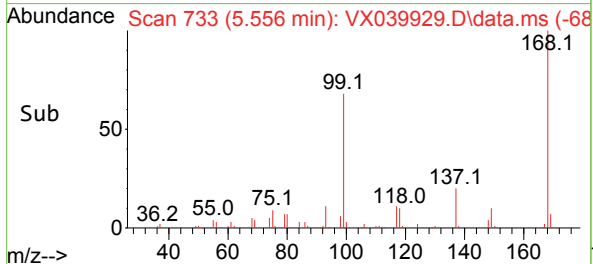
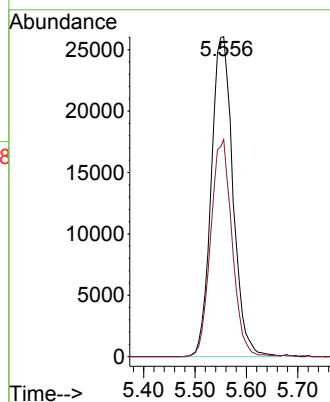
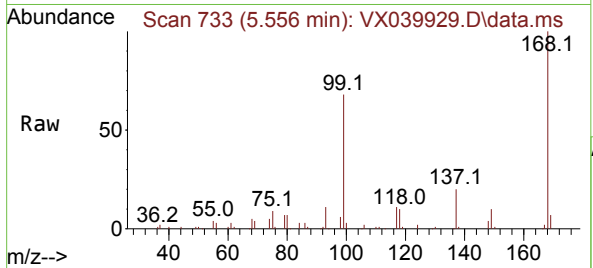




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

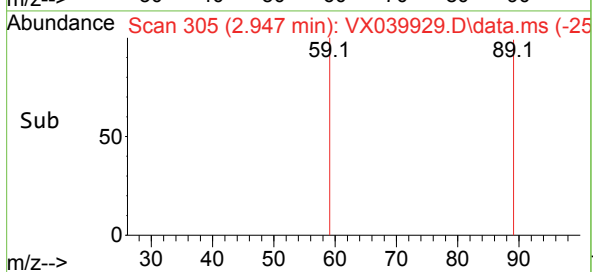
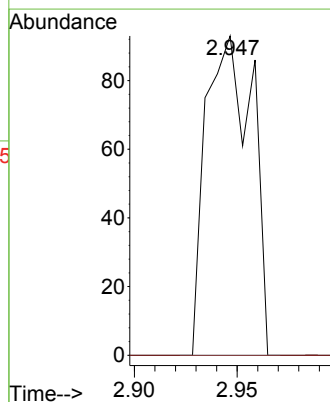
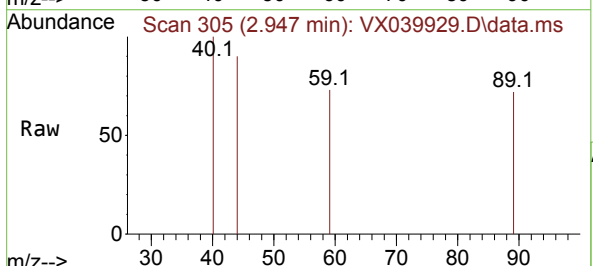
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 76577
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.434 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

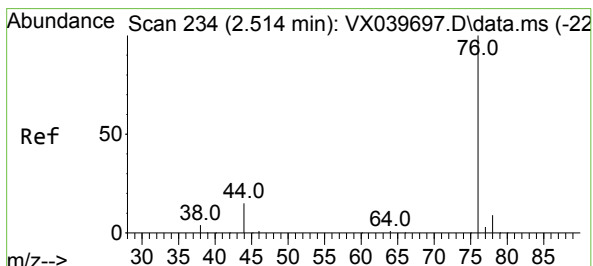
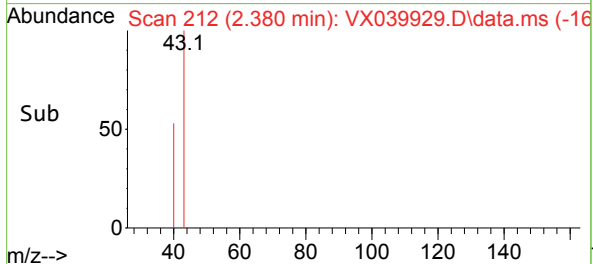
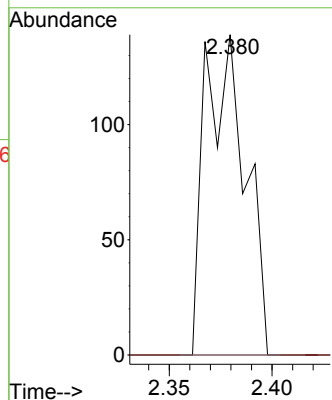
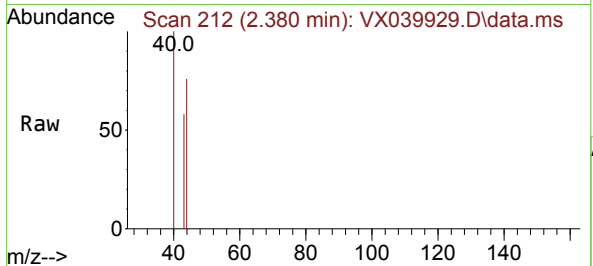




#16
Acetone
Concen: 0.262 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

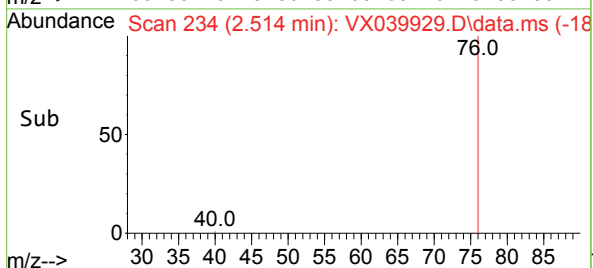
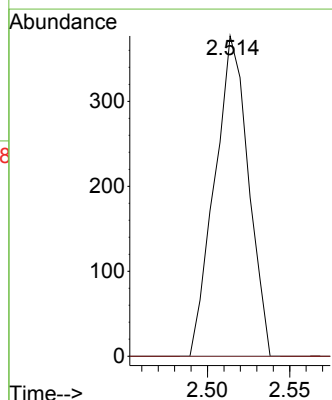
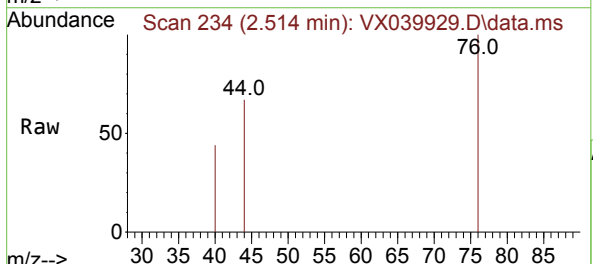
Instrument :
MSVOA_X
ClientSampleId :
IBLK

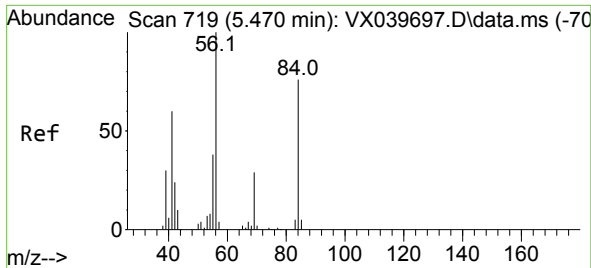
Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion: 76 Resp: 538
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

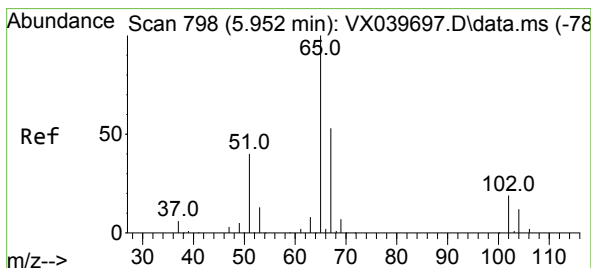
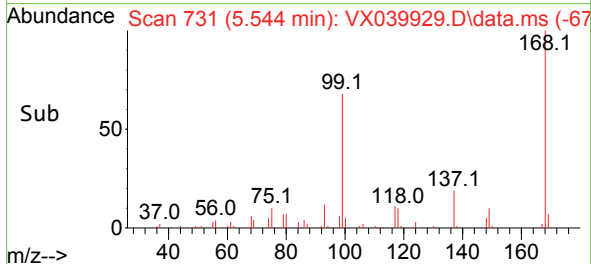
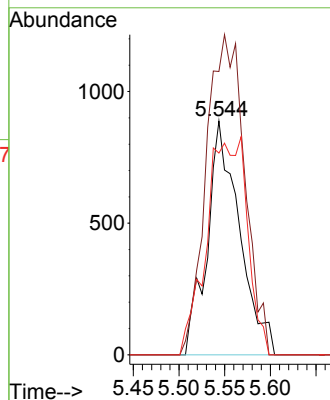
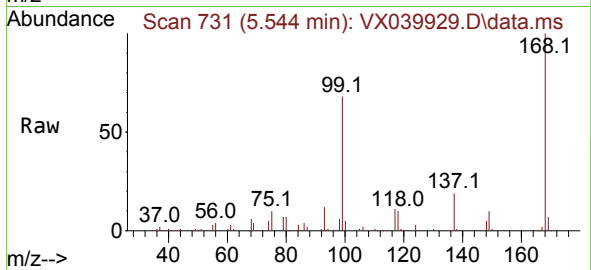




#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

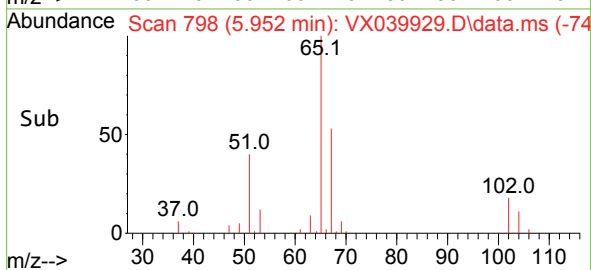
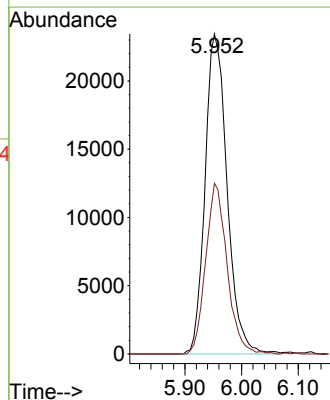
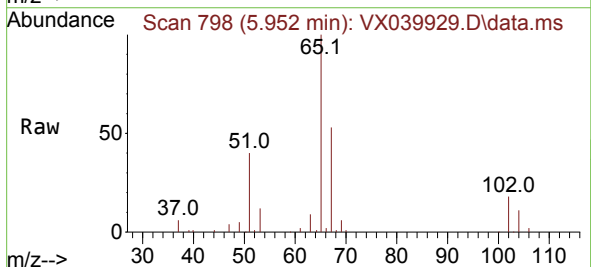
Instrument :
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ClientSampleId :
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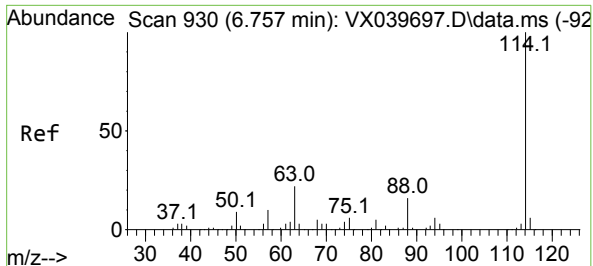
Tgt Ion: 56 Resp: 2183
Ion Ratio Lower Upper
56 100
69 121.2 23.4 35.2#
84 86.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.273 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion: 65 Resp: 63206
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

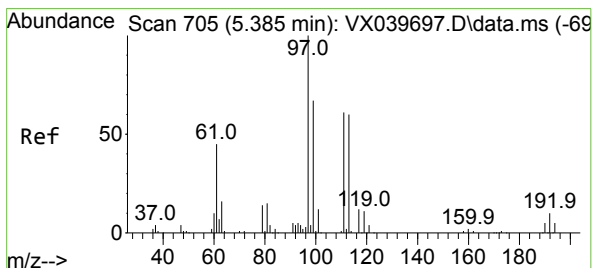
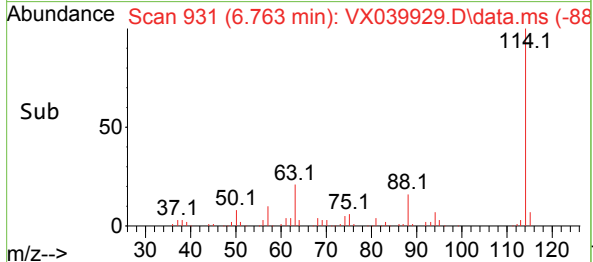
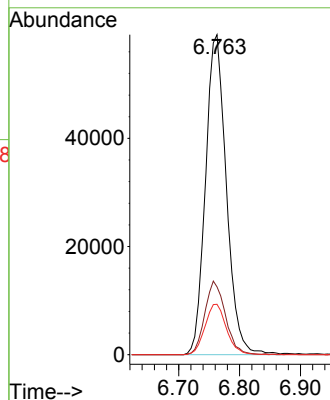
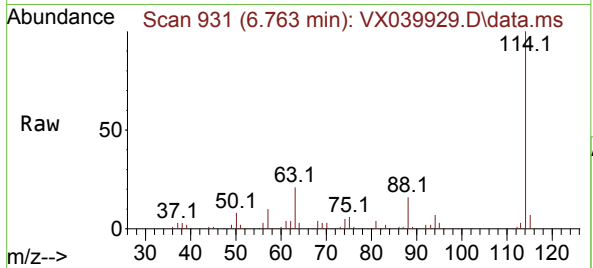




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

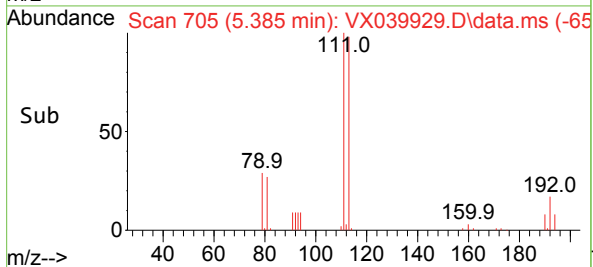
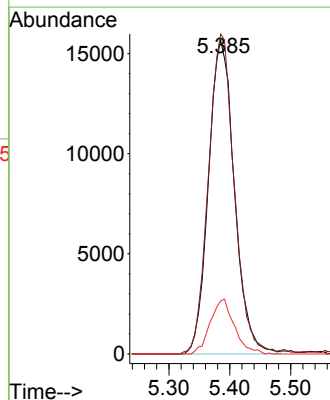
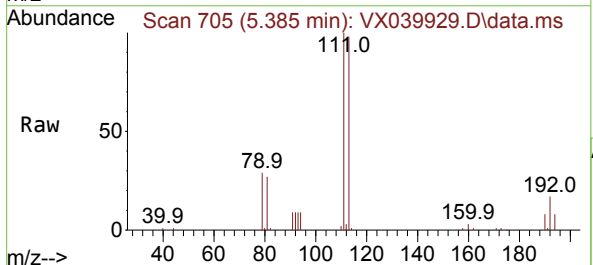
Instrument :
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ClientSampleId :
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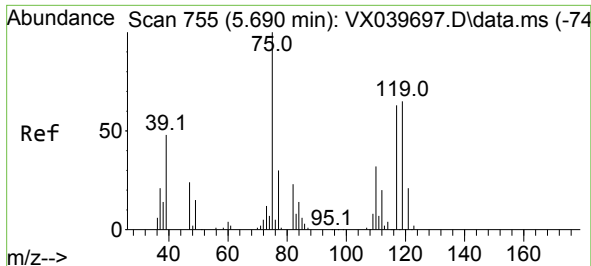
Tgt Ion:114 Resp: 140725
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.787 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion:113 Resp: 46242
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 16.3 13.3 19.9

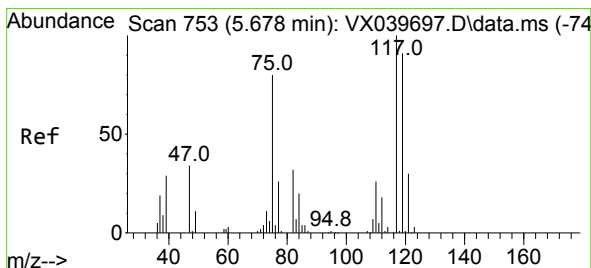
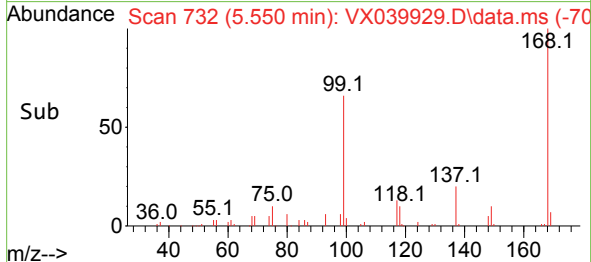
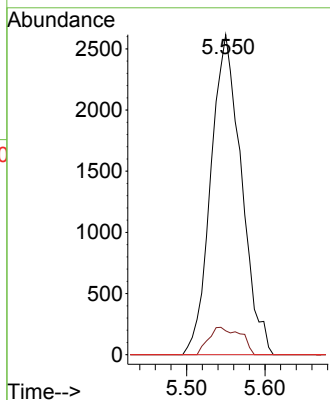
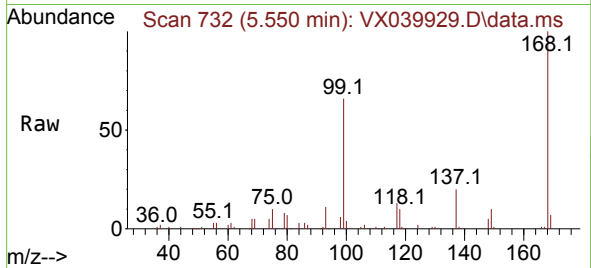




#36
1,1-Dichloropropene
Concen: 4.799 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

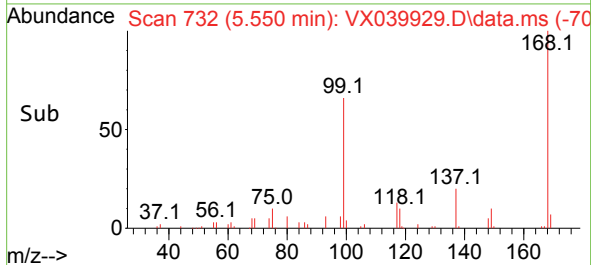
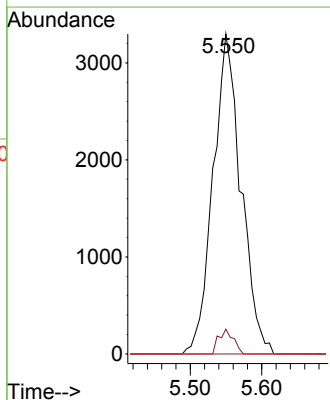
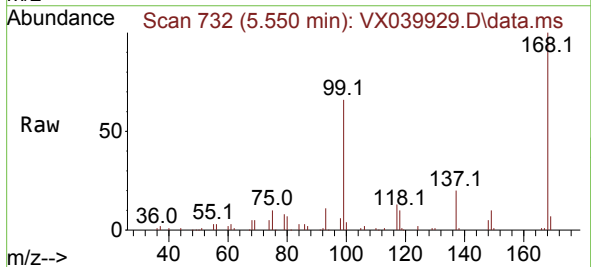
Instrument :
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ClientSampleId :
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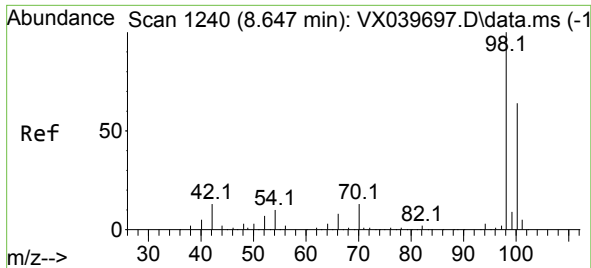
Tgt Ion: 75 Resp: 7081
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.619 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion: 117 Resp: 8944
Ion Ratio Lower Upper
117 100
119 7.7 78.2 117.2#
121 0.0 24.4 36.6#

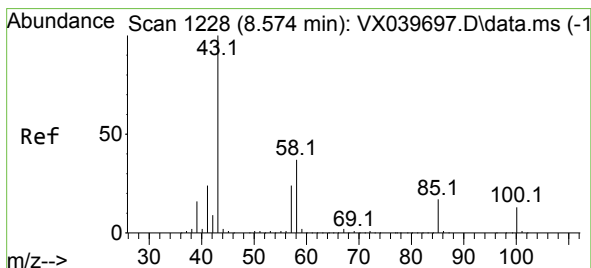
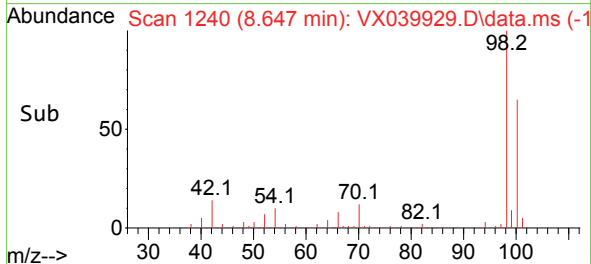
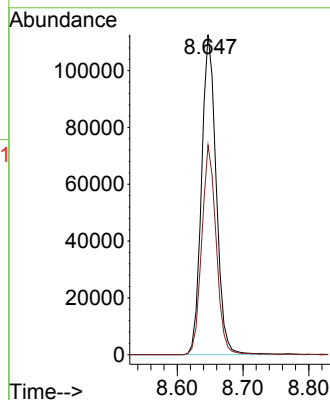
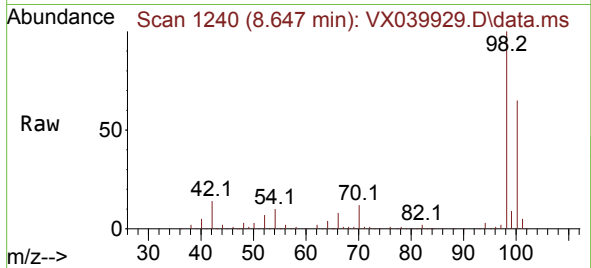




#50
Toluene-d8
Concen: 48.793 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

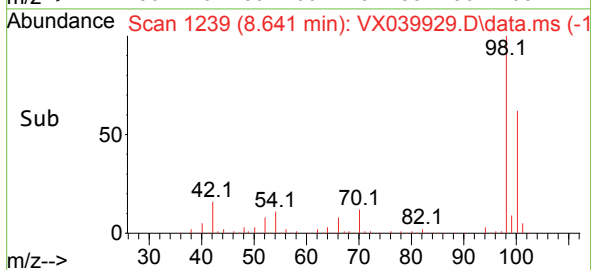
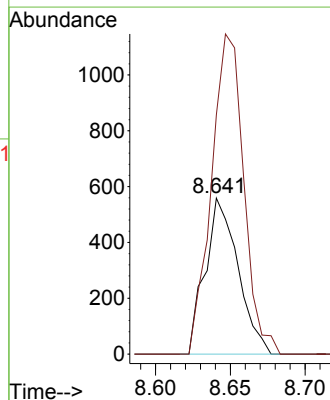
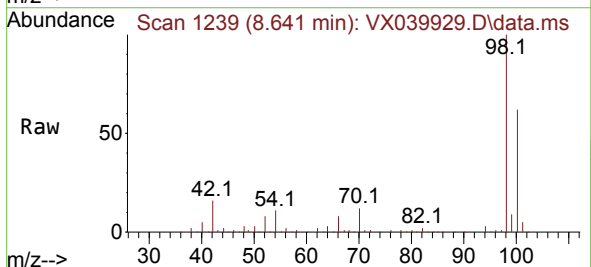
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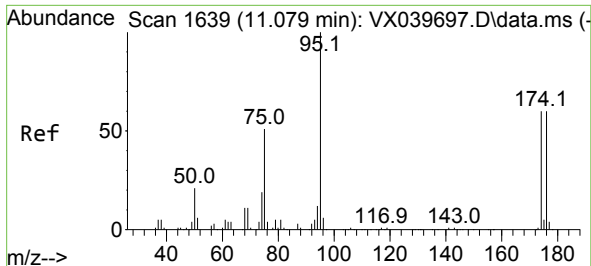
Tgt Ion: 98 Resp: 174429
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 202.3 30.4 45.6#

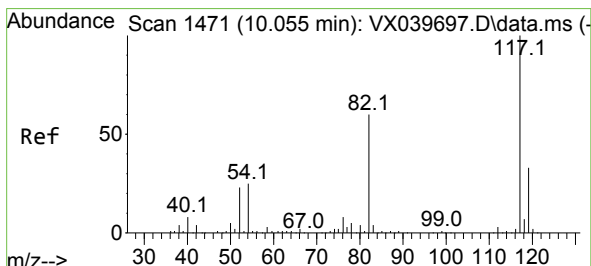
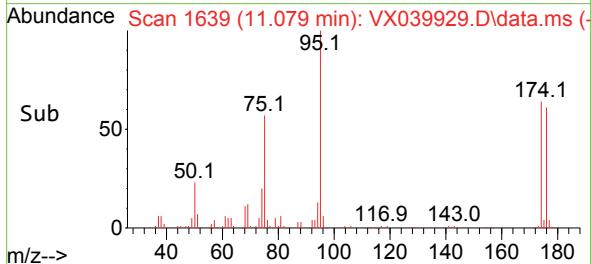
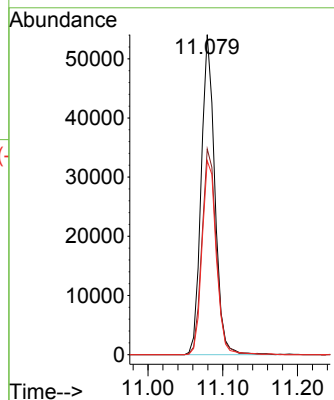
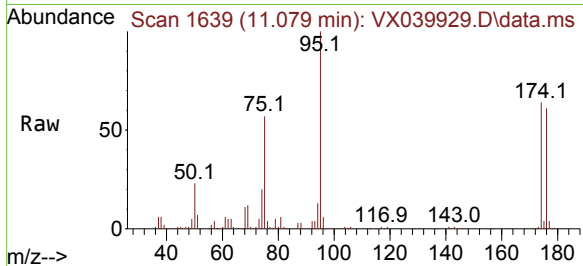




#62
4-Bromofluorobenzene
Concen: 48.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

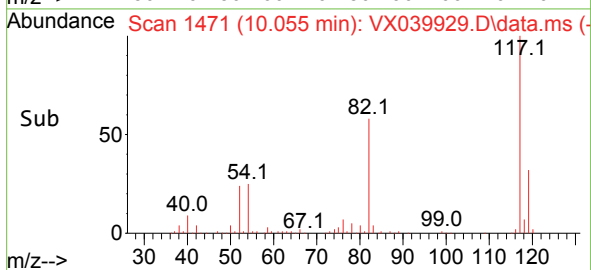
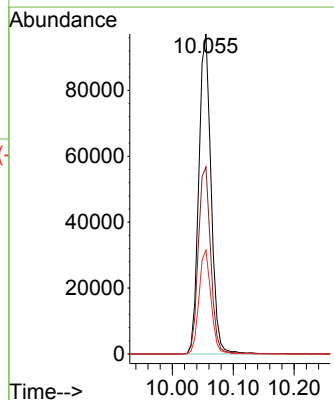
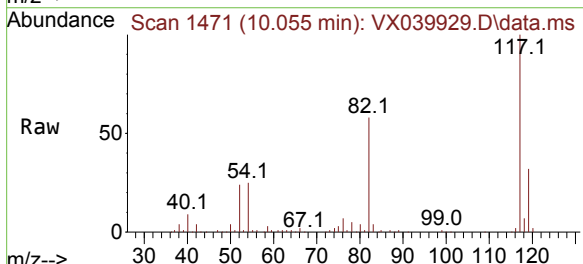
Instrument :
MSVOA_X
ClientSampleId :
IBLK

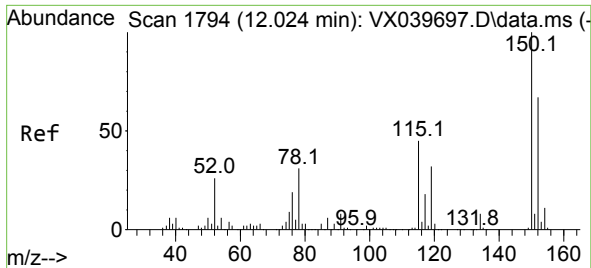
Tgt Ion: 95 Resp: 68256
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion: 117 Resp: 135464
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.5 25.5 38.3

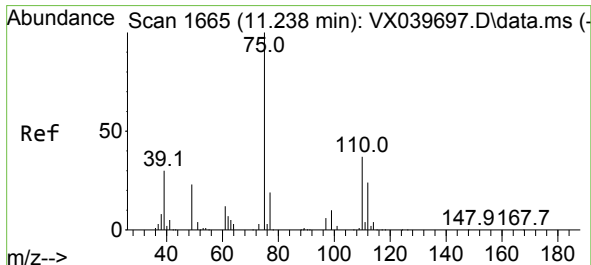
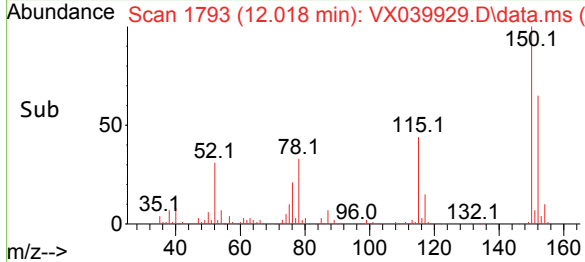
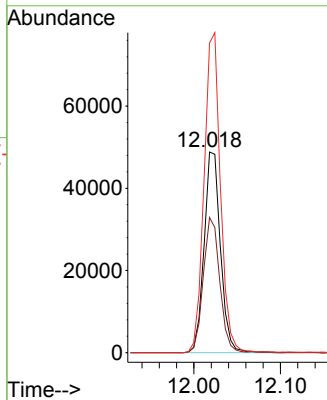
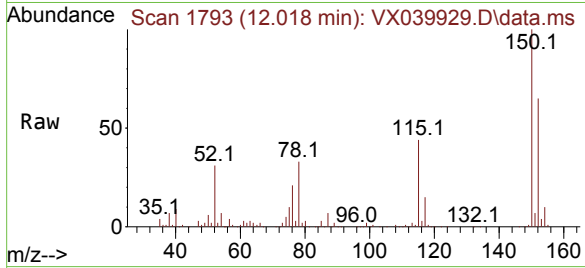




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039929.D
 Acq: 24 Jan 2024 12:21

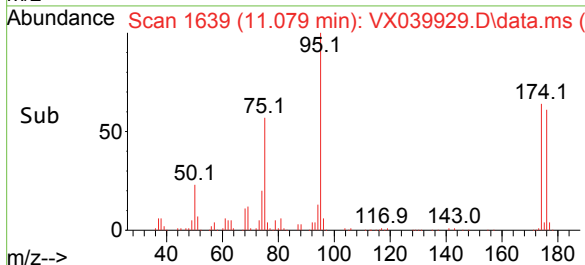
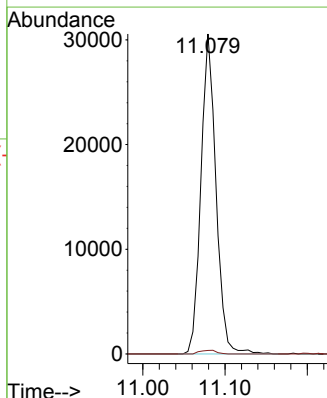
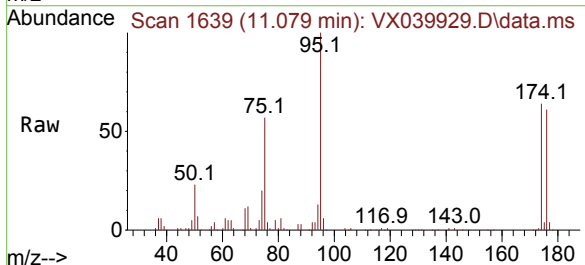
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

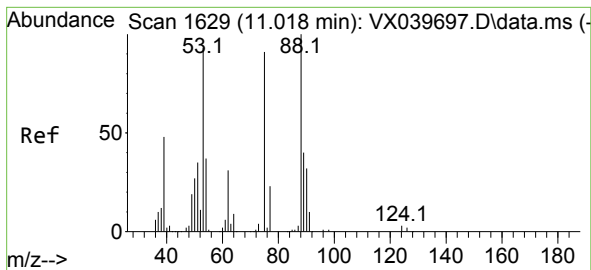
Tgt Ion:152 Resp: 64106
 Ion Ratio Lower Upper
 152 100
 115 67.9 43.3 129.9
 150 159.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.463 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX039929.D
 Acq: 24 Jan 2024 12:21

Tgt Ion: 75 Resp: 38996
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

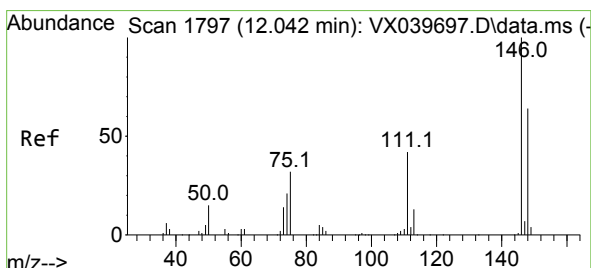
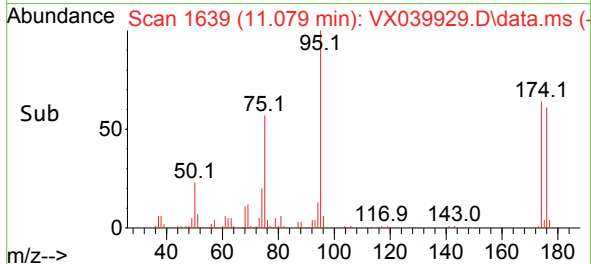
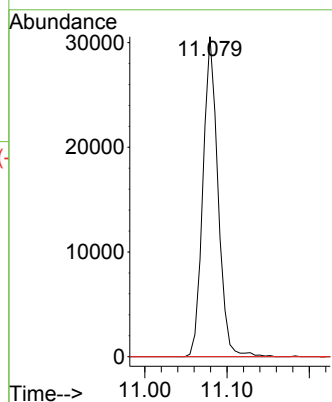
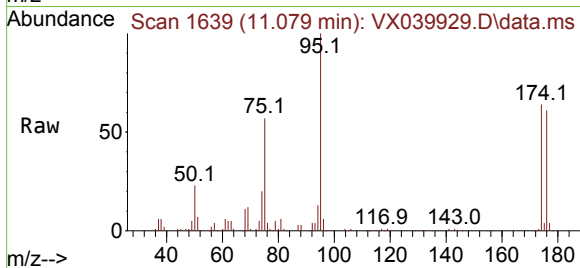




#81
trans-1,4-Dichloro-2-butene
Concen: 67.601 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

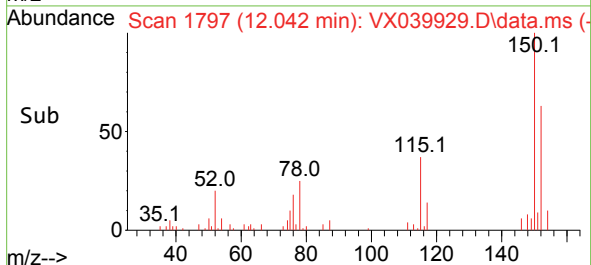
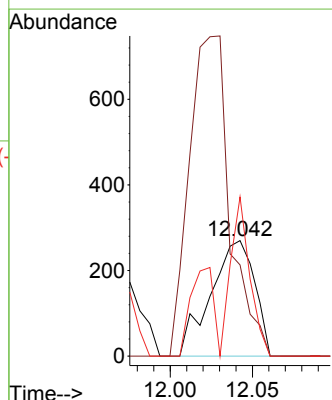
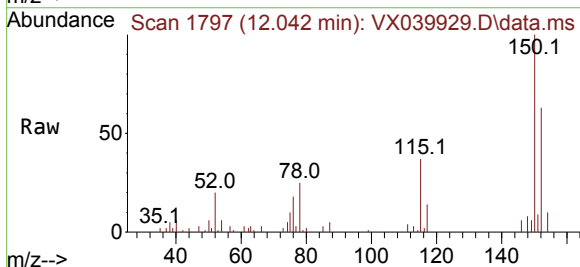
Instrument :
MSVOA_X
ClientSampleId :
IBLK

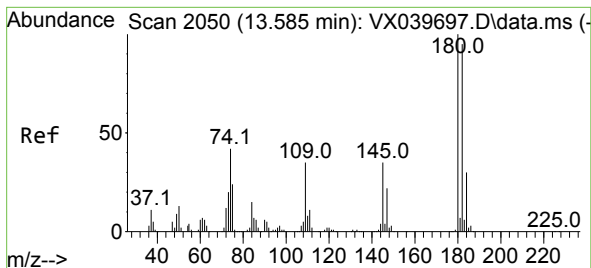
Tgt Ion: 75 Resp: 38996
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.223 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion:146 Resp: 502
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.7#
148 60.4 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 0.274 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039929.D

Acq: 24 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

IBLK

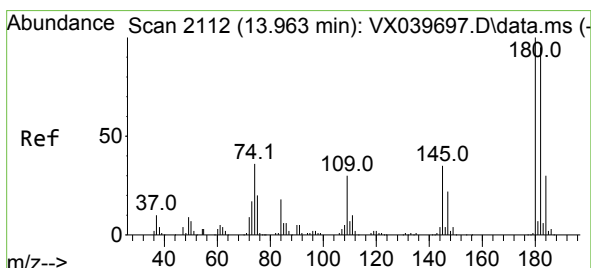
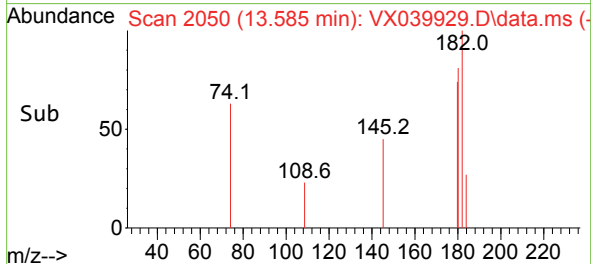
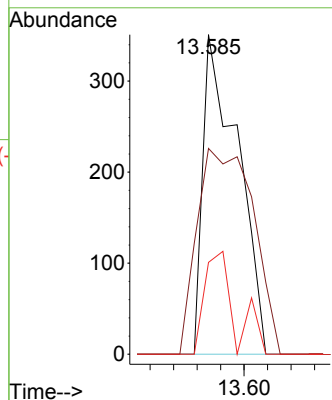
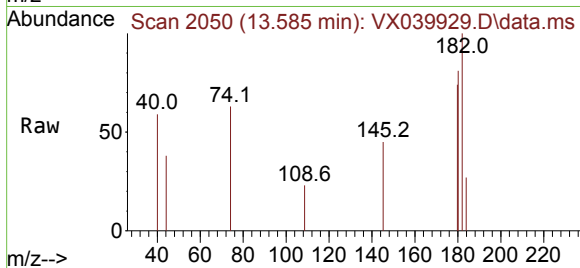
Tgt Ion:180 Resp: 361

Ion Ratio Lower Upper

180 100

182 103.9 48.3 144.8

145 28.0 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 0.201 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039929.D

Acq: 24 Jan 2024 12:21

Tgt Ion:180 Resp: 267

Ion Ratio Lower Upper

180 100

182 73.0 46.9 140.6

145 0.0 17.8 53.5#

