

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037523.D
 Acq On : 05 Sep 2023 19:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 06 02:59:33 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)

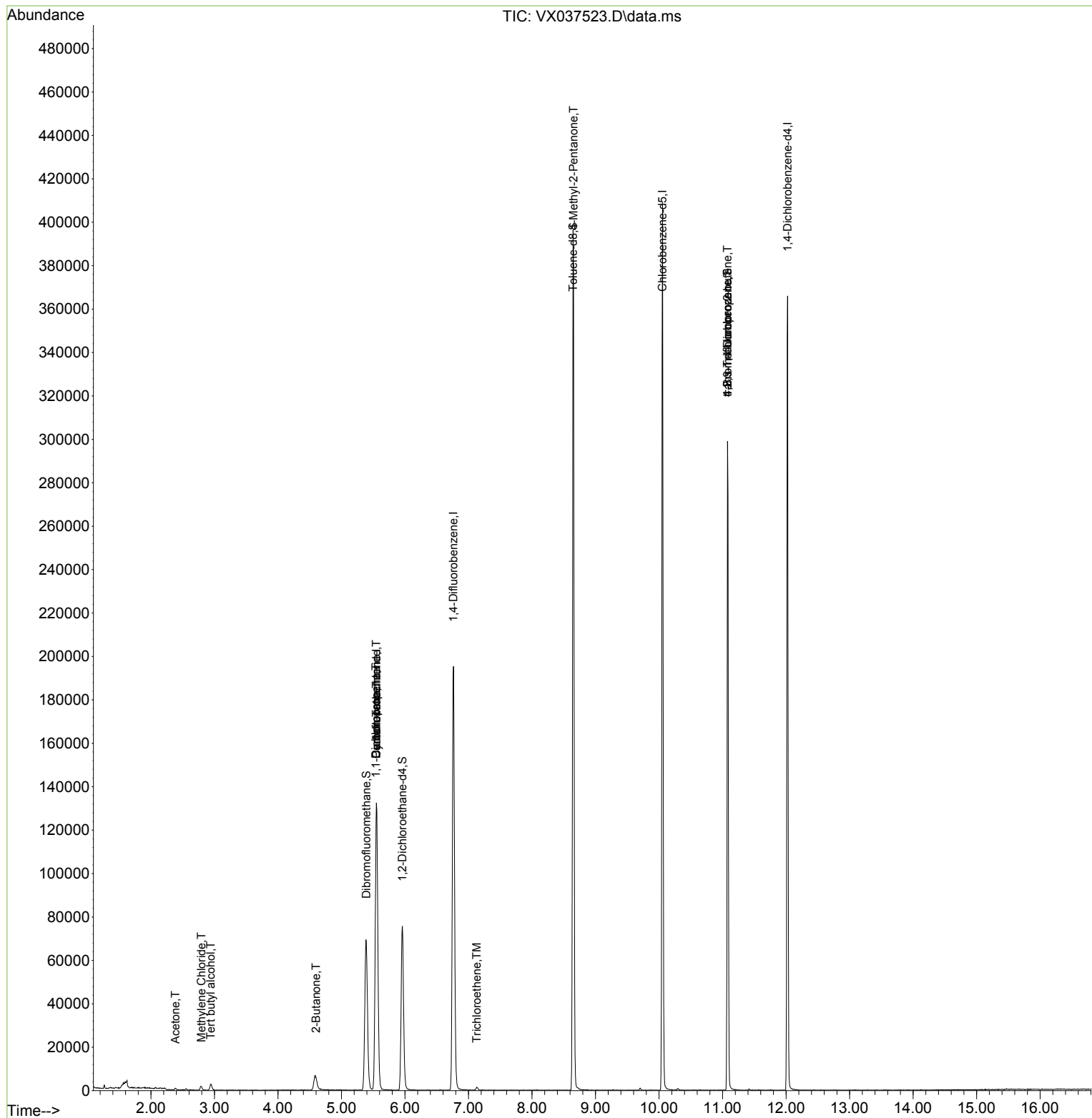
Internal Standards						
1) Pentafluorobenzene	5.550	168	127052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74331	40.581	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.160%
35) Dibromofluoromethane	5.391	113	63525	45.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.647	98	248403	49.093	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	86300	43.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1868	4.348	ug/l #	78
16) Acetone	2.386	43	980	1.368	ug/l	94
20) Methylene Chloride	2.794	84	1157	0.722	ug/l #	76
25) 2-Butanone	4.599	43	846	0.784	ug/l #	51
31) Cyclohexane	5.550	56	2234	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9730	4.910	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13467	6.256	ug/l #	14
44) Trichloroethene	7.129	130	685	0.425	ug/l	80
51) 4-Methyl-2-Pentanone	8.653	43	898	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41619	24.567	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	41619	68.616	ug/l #	5

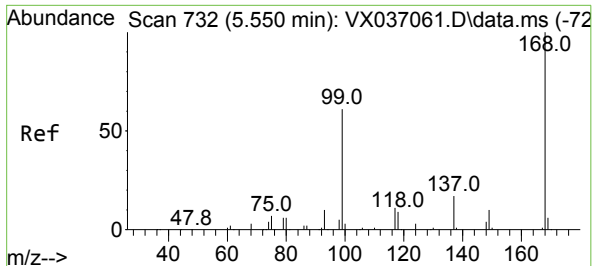
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
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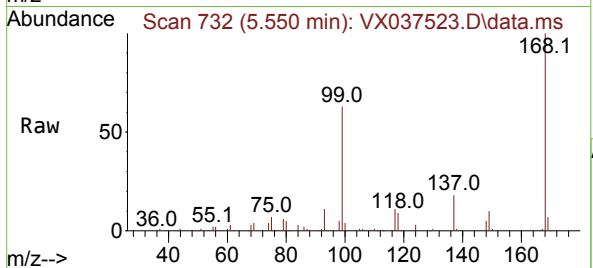
Quant Time: Sep 06 02:59:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



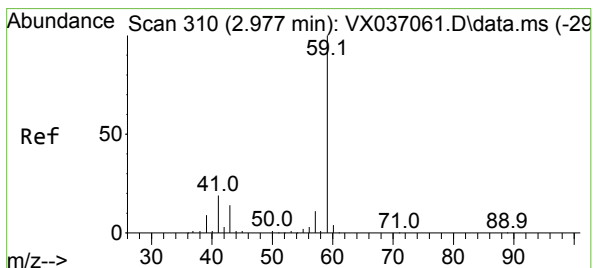
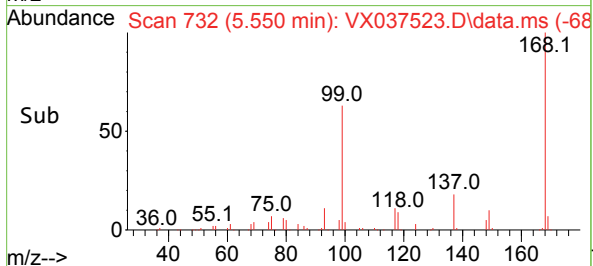
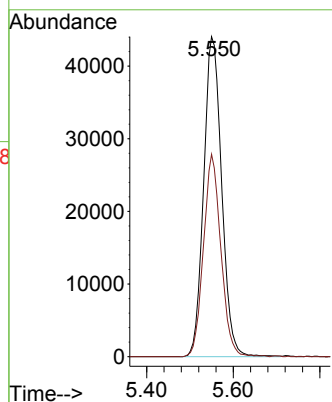


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

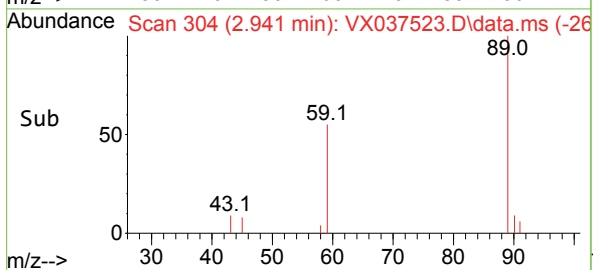
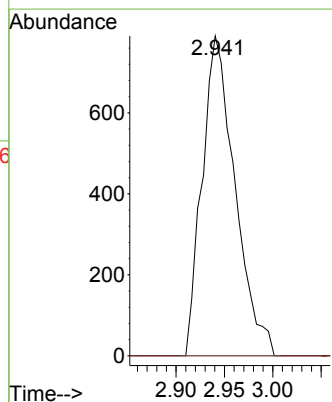
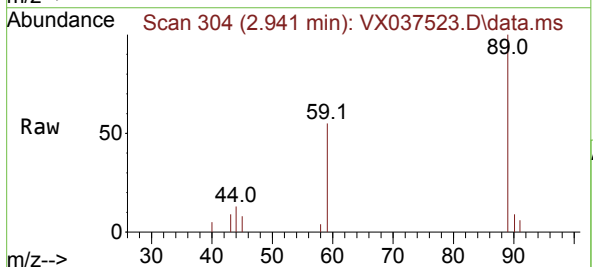


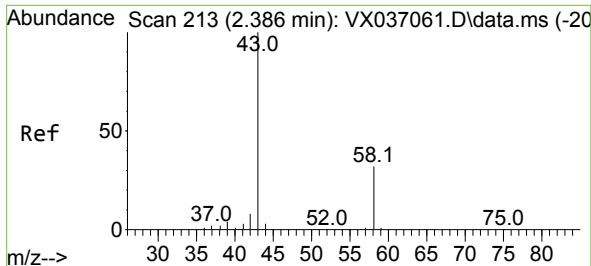
Tgt Ion:168 Resp: 127052
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.348 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

Tgt Ion: 59 Resp: 1868
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

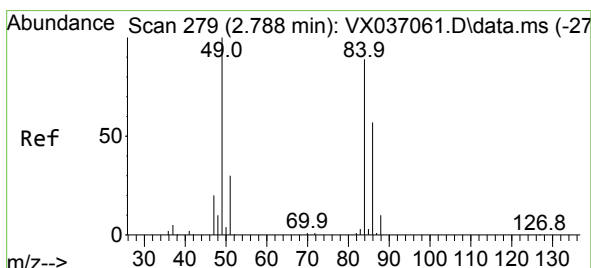
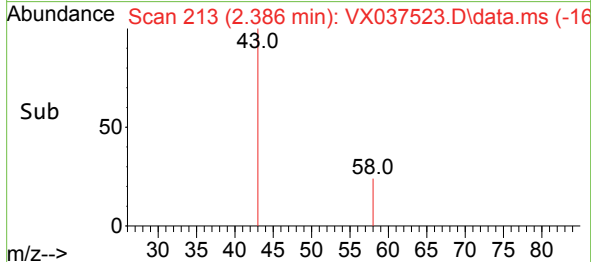
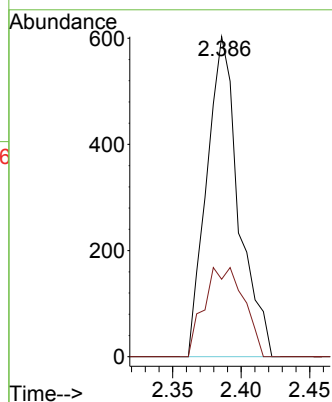
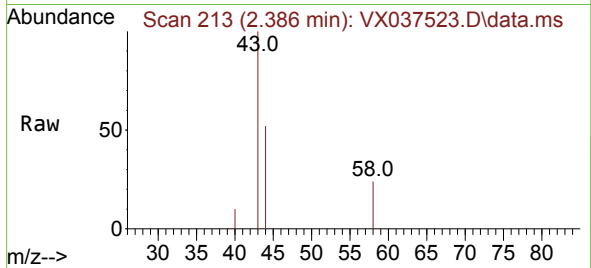




#16
Acetone
Concen: 1.368 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

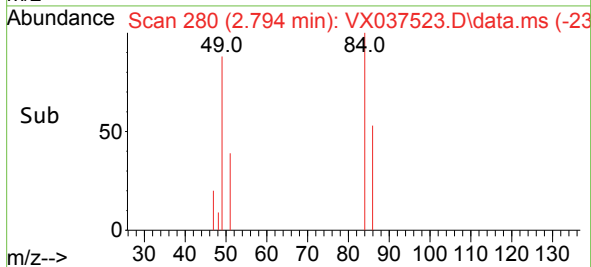
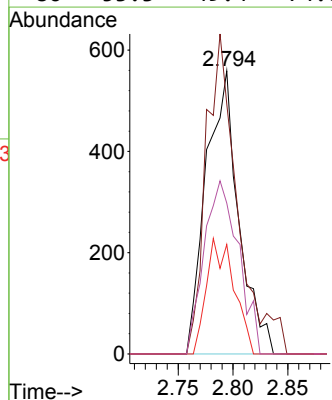
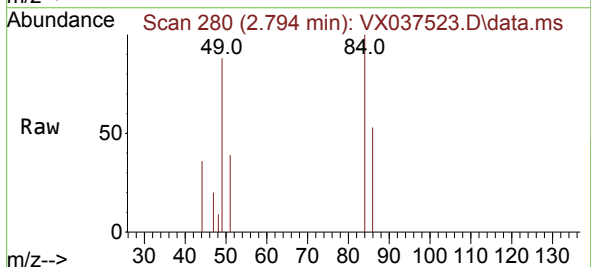
Instrument :
MSVOA_X
ClientSampleId :
IBLK

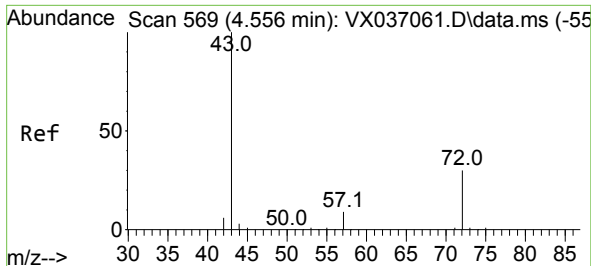
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 24.2 21.9 32.9



#20
Methylene Chloride
Concen: 0.722 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

Tgt Ion: 84 Resp: 1157
Ion Ratio Lower Upper
84 100
49 88.4 103.6 155.4#
51 38.6 33.8 50.6
86 53.3 49.4 74.0

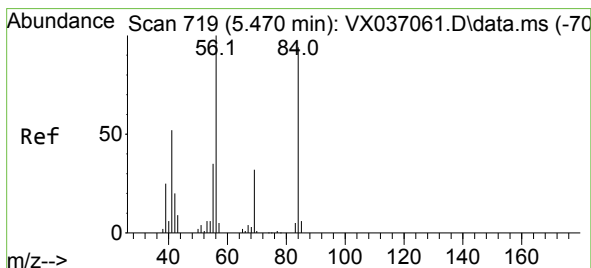
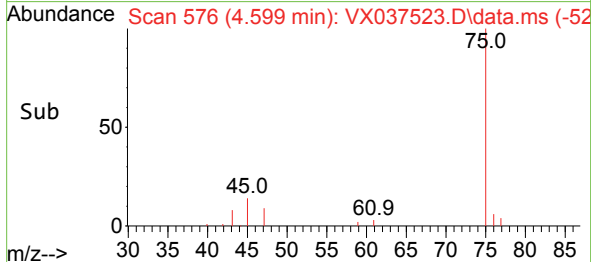
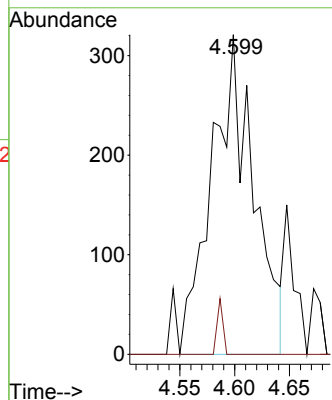
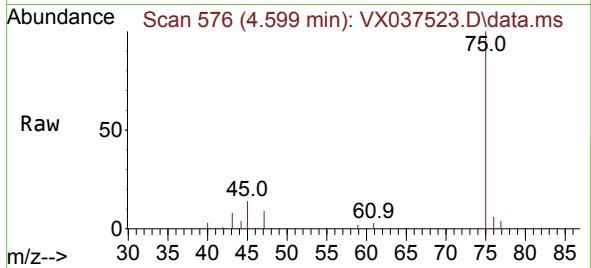




#25
2-Butanone
Concen: 0.784 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

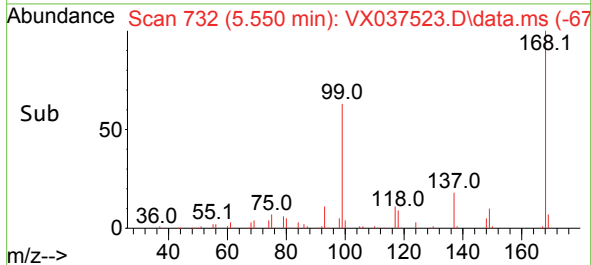
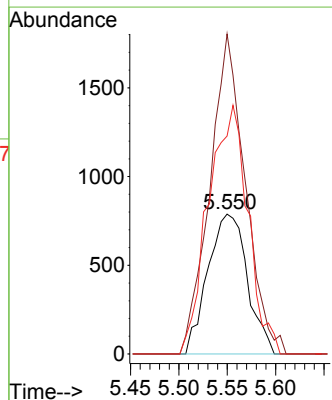
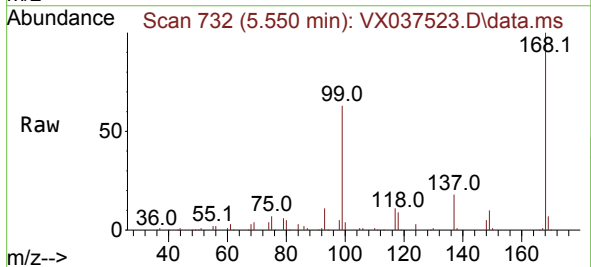
Instrument :
MSVOA_X
ClientSampleId :
IBLK

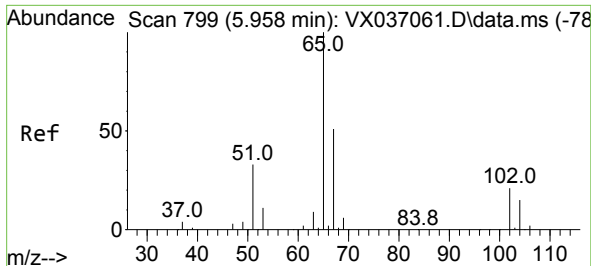
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

Tgt Ion: 56 Resp: 2234
Ion Ratio Lower Upper
56 100
69 228.9 23.4 35.2#
84 156.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 40.581 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037523.D

Acq: 05 Sep 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

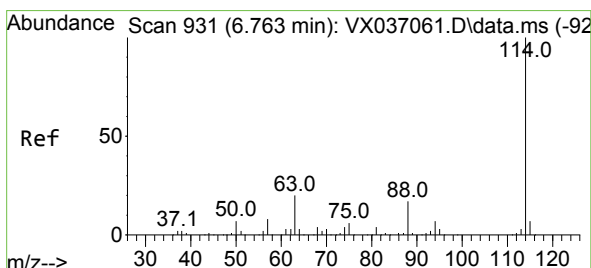
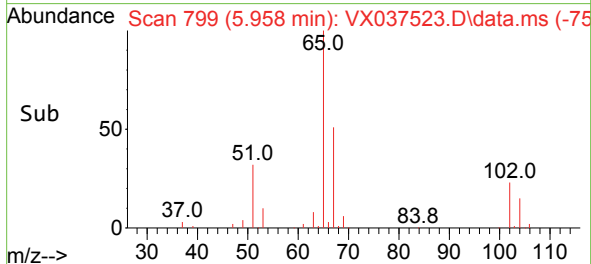
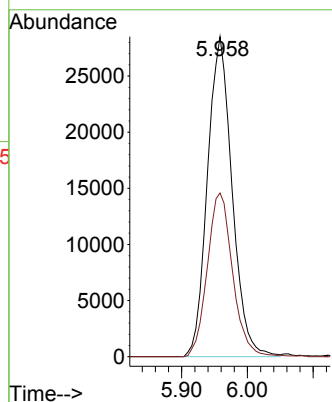
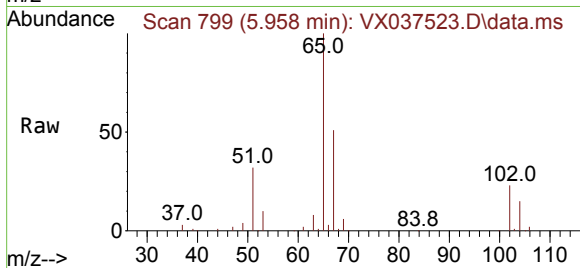
IBLK

Tgt Ion: 65 Resp: 74331

Ion Ratio Lower Upper

65 100

67 52.6 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: VX037523.D

Acq: 05 Sep 2023 19:39

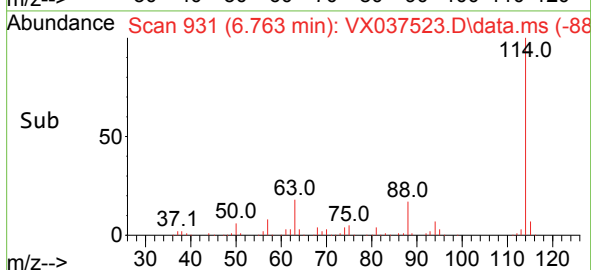
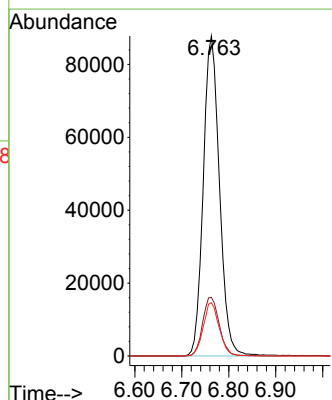
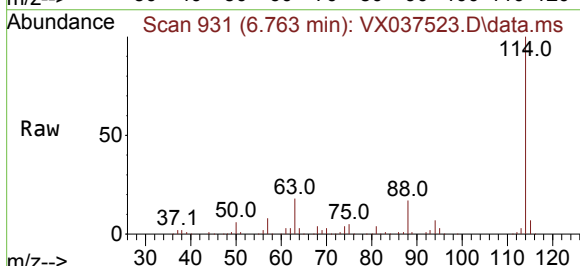
Tgt Ion: 114 Resp: 210624

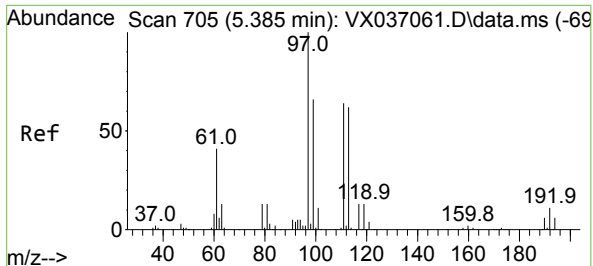
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.540 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037523.D

Acq: 05 Sep 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK

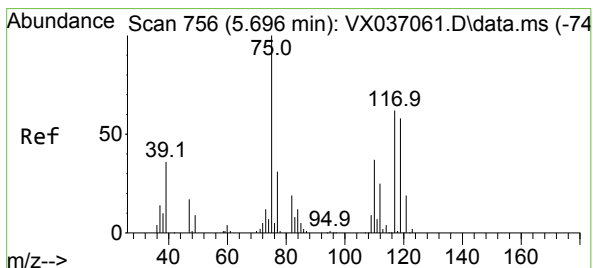
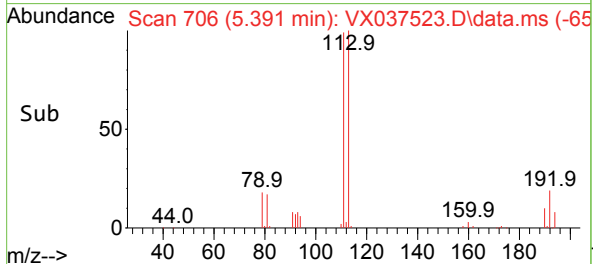
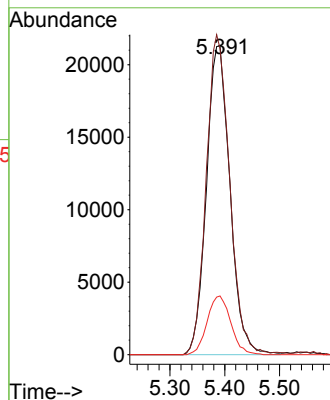
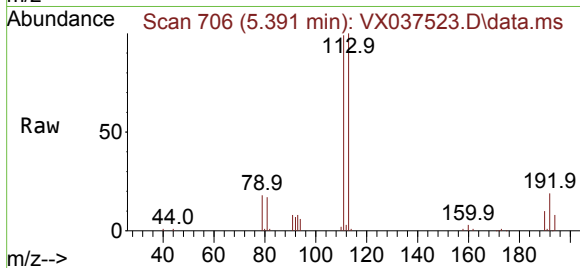
Tgt Ion:113 Resp: 63525

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 19.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.910 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX037523.D

Acq: 05 Sep 2023 19:39

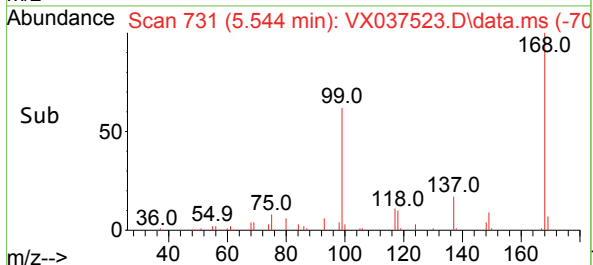
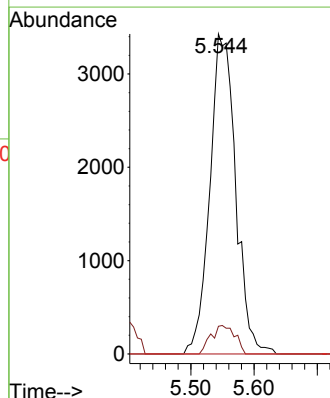
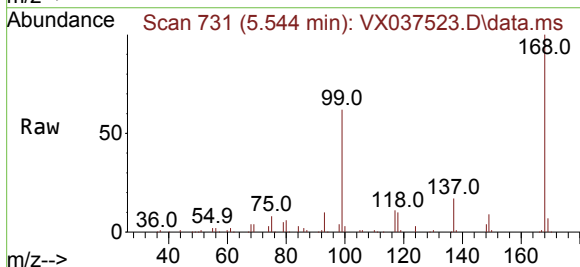
Tgt Ion: 75 Resp: 9730

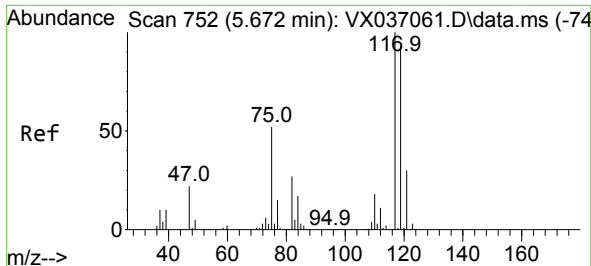
Ion Ratio Lower Upper

75 100

110 8.3 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.256 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037523.D

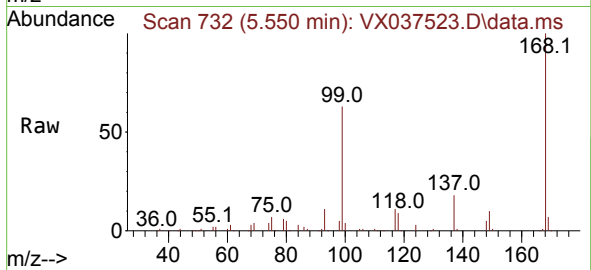
Acq: 05 Sep 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK



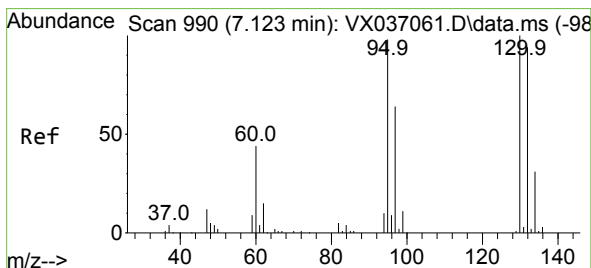
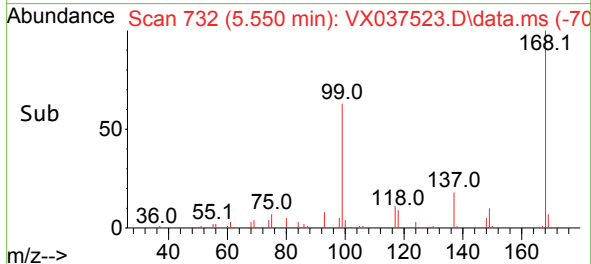
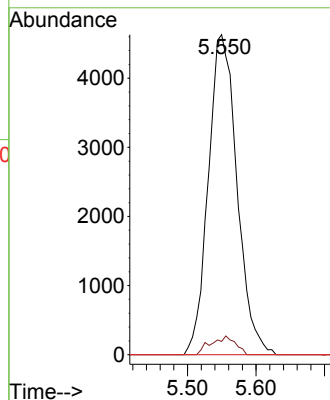
Tgt Ion:117 Resp: 13467

Ion Ratio Lower Upper

117 100

119 4.1 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.425 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037523.D

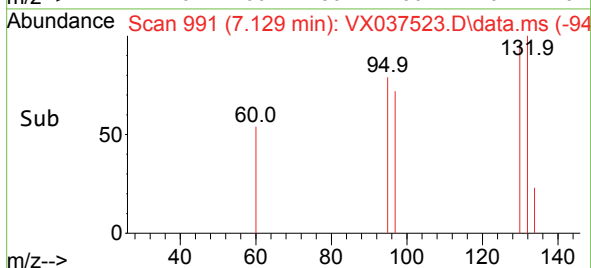
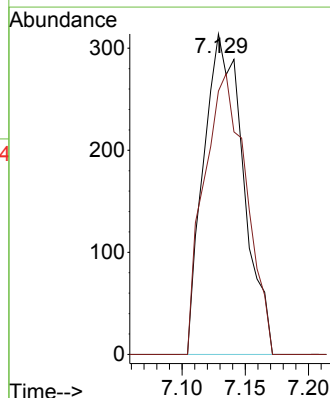
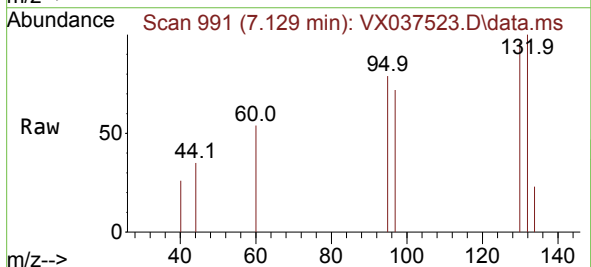
Acq: 05 Sep 2023 19:39

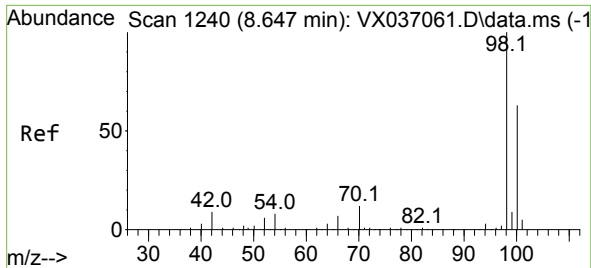
Tgt Ion:130 Resp: 685

Ion Ratio Lower Upper

130 100

95 82.2 0.0 204.4

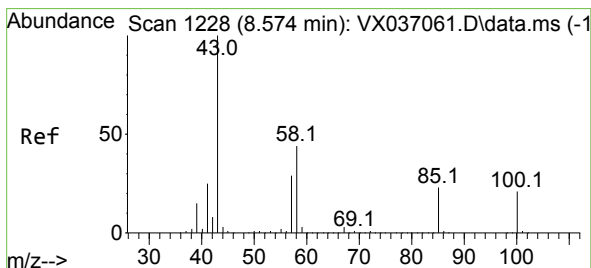
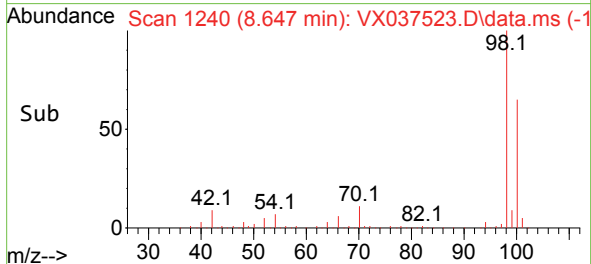
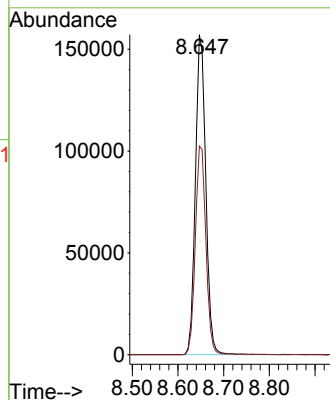
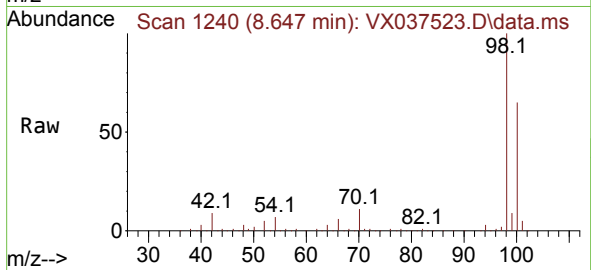




#50
Toluene-d8
Concen: 49.093 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

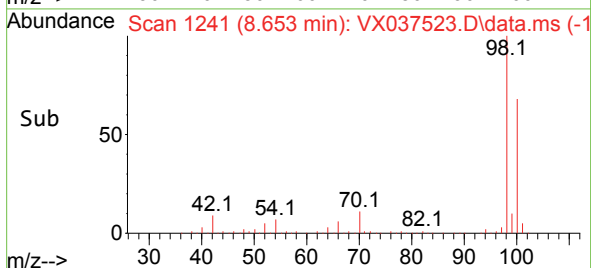
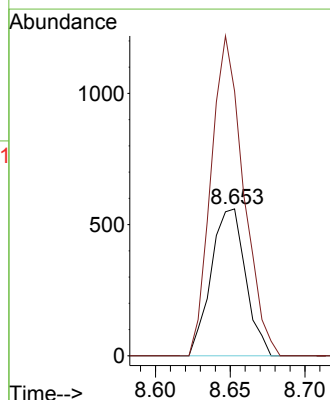
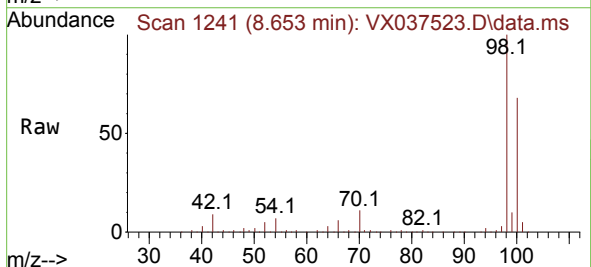
Instrument :
MSVOA_X
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IBLK

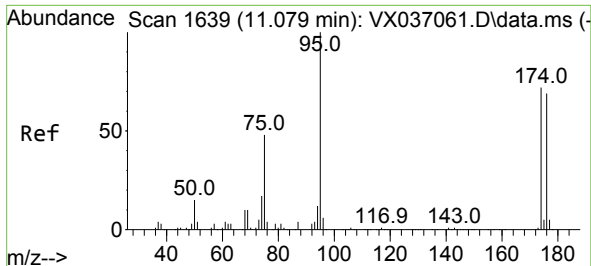
Tgt Ion: 98 Resp: 248403
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.460 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 205.1 30.4 45.6#

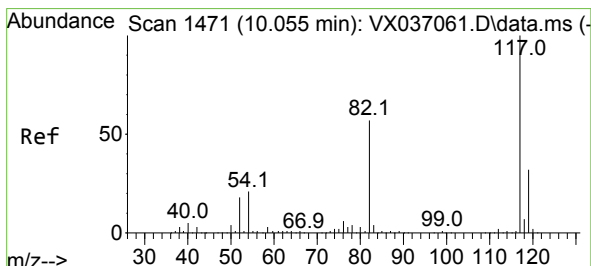
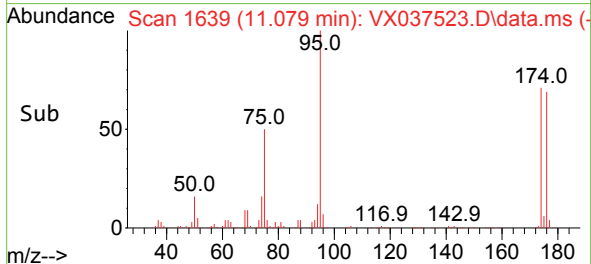
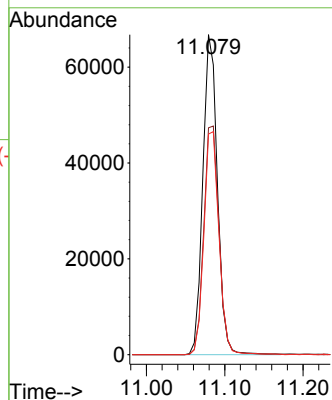
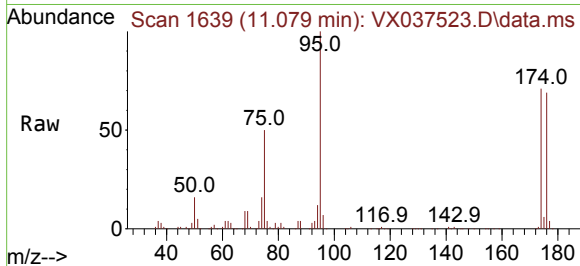




#62
4-Bromofluorobenzene
Concen: 43.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

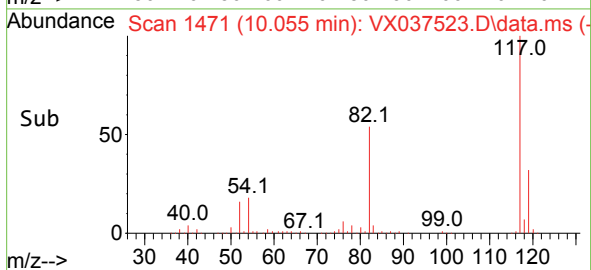
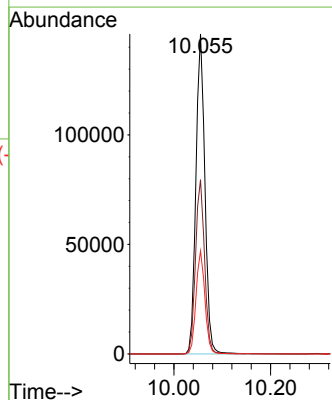
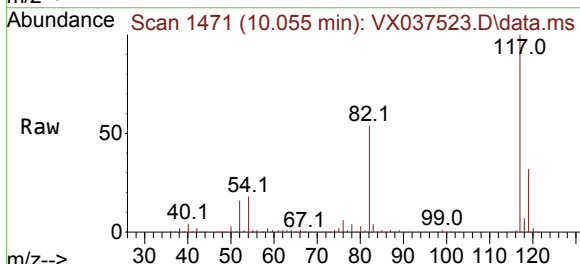
Instrument :
MSVOA_X
ClientSampleId :
IBLK

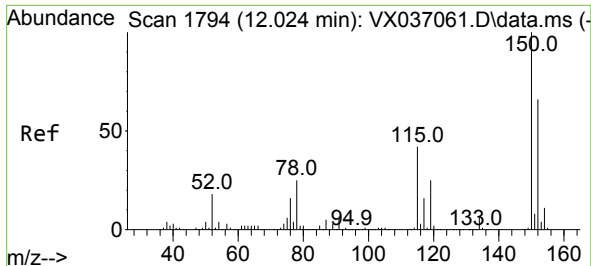
Tgt Ion: 95 Resp: 86300
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

Tgt Ion: 117 Resp: 188282
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.2 25.5 38.3

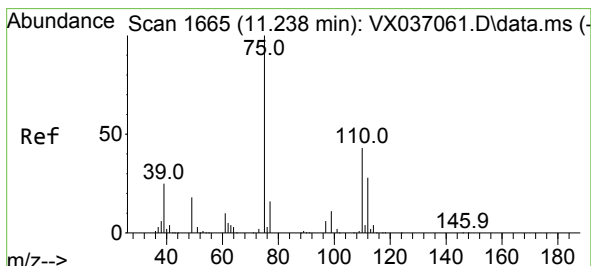
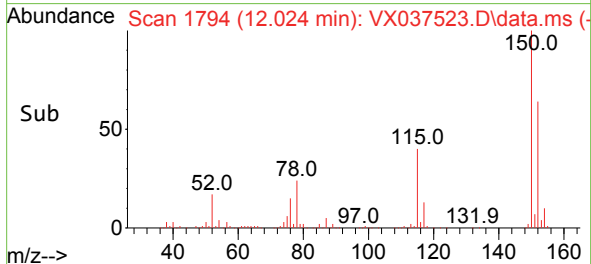
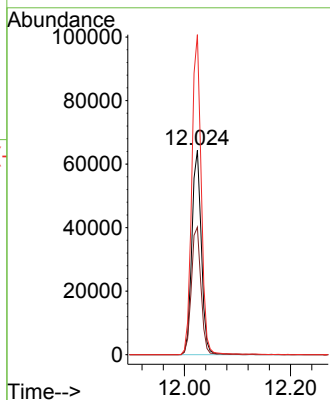
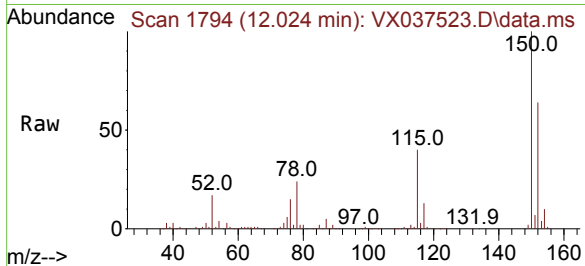




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037523.D
 Acq: 05 Sep 2023 19:39

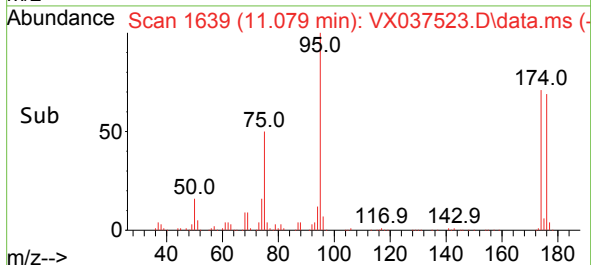
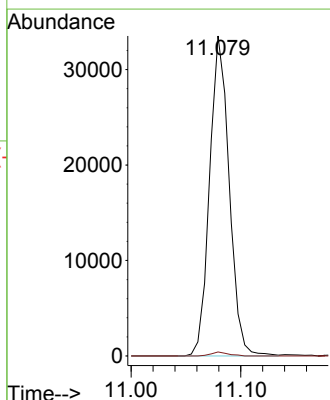
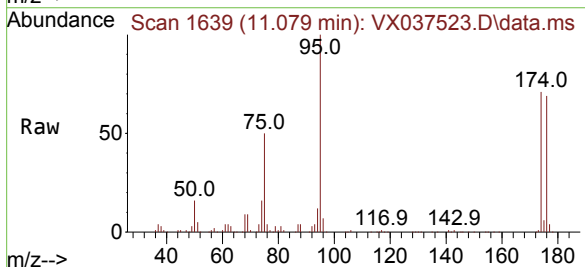
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

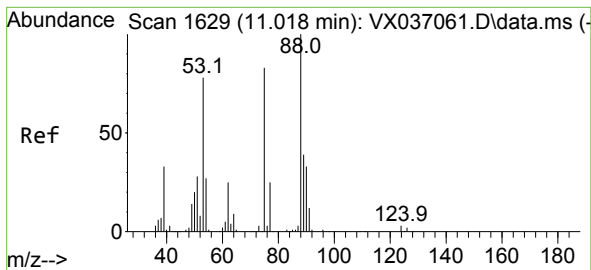
Tgt Ion:152 Resp: 79549
 Ion Ratio Lower Upper
 152 100
 115 63.4 43.3 129.9
 150 155.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.567 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037523.D
 Acq: 05 Sep 2023 19:39

Tgt Ion: 75 Resp: 41619
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.616 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037523.D
Acq: 05 Sep 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 41619
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

