

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037925.D
 Acq On : 27 Sep 2023 15:40
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 28 01:23:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

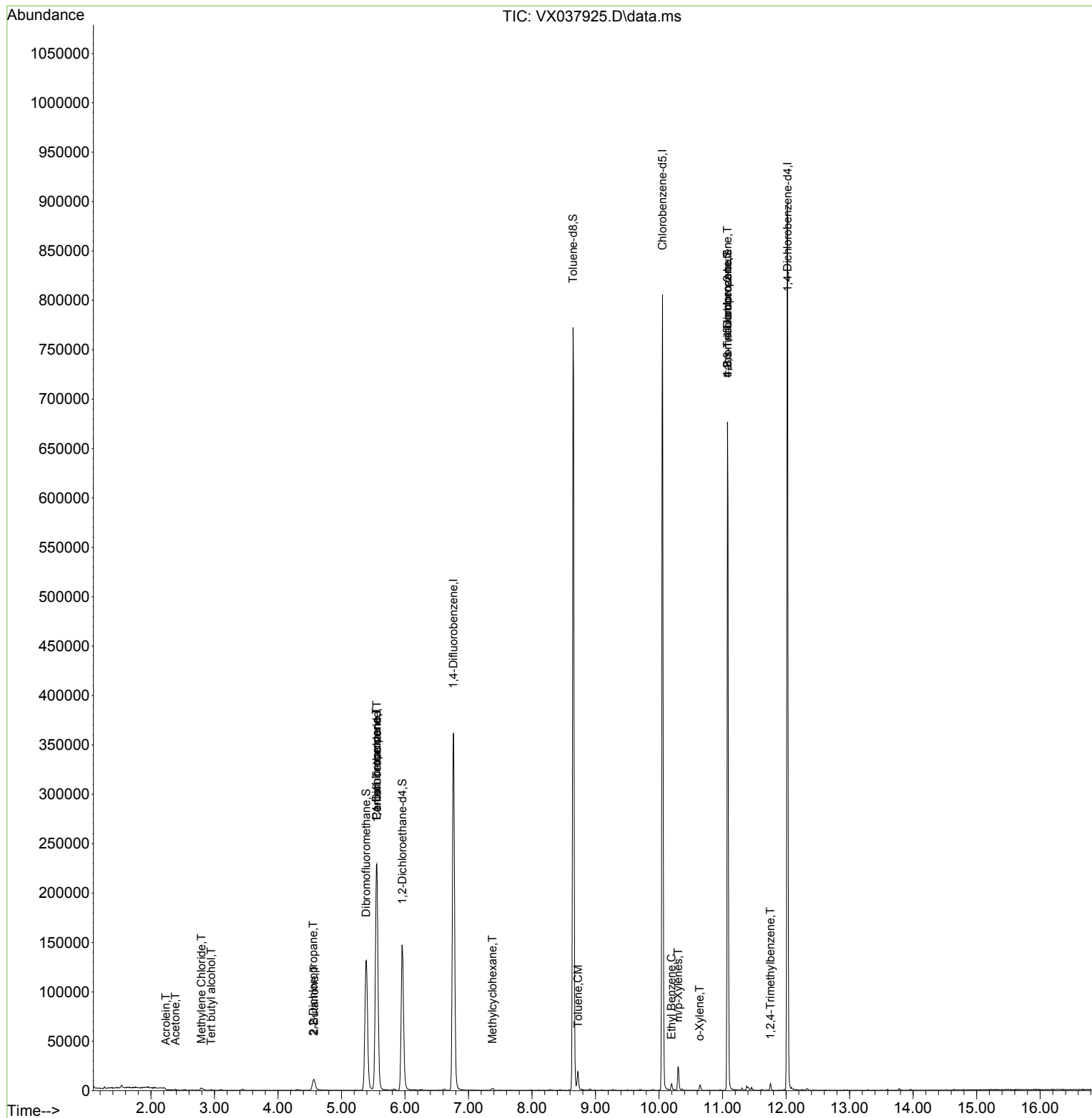
Internal Standards						
1) Pentafluorobenzene	5.556	168	226505	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	383950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139323	46.817	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.640%		
35) Dibromofluoromethane	5.385	113	117711	45.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.640%		
50) Toluene-d8	8.647	98	464800	48.693	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.380%		
62) 4-Bromofluorobenzene	11.079	95	173779	50.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.200%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	241	0.377	ug/l	# 78
13) Acrolein	2.233	56	127	0.201	ug/l	# 66
16) Acetone	2.386	43	806	0.563	ug/l	100
20) Methylene Chloride	2.794	84	1061	0.376	ug/l	88
25) 2-Butanone	4.568	43	474	0.235	ug/l	# 51
26) 2,2-Dichloropropane	4.556	77	999	0.269	ug/l	# 54
36) 1,1-Dichloropropene	5.550	75	17192	4.858	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	22332	6.031	ug/l	# 15
39) Methylcyclohexane	7.379	83	968	0.216	ug/l	# 89
52) Toluene	8.726	92	7273	1.037	ug/l	99
67) Ethyl Benzene	10.195	91	4247	0.308	ug/l	90
68) m/p-Xylenes	10.299	106	6283	1.180	ug/l	92
69) o-Xylene	10.640	106	1454	0.272	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	89466	20.020	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	89466	64.131	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	3215	0.270	ug/l	97

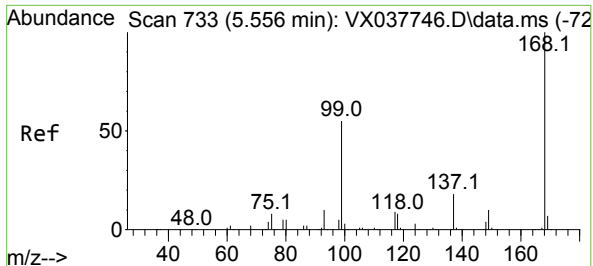
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 28 01:23:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
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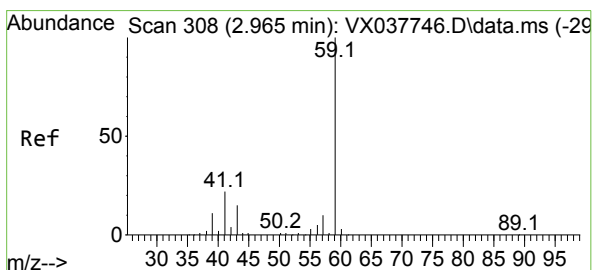
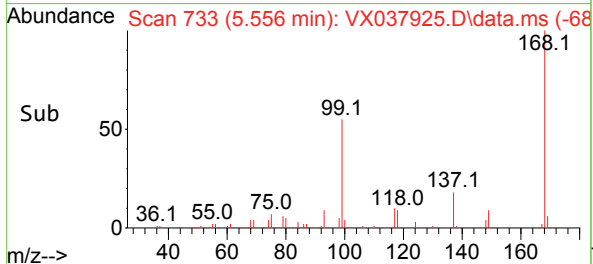
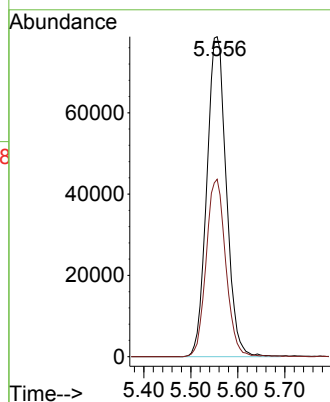
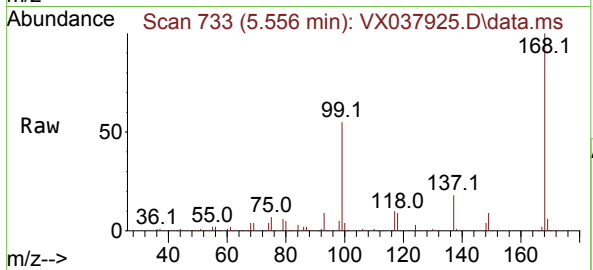




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

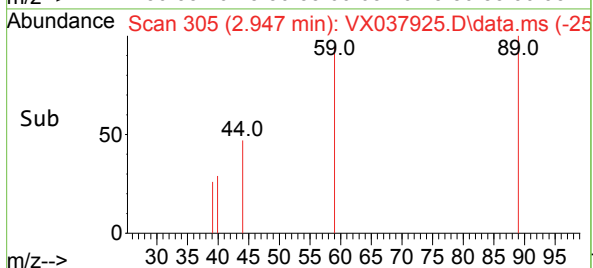
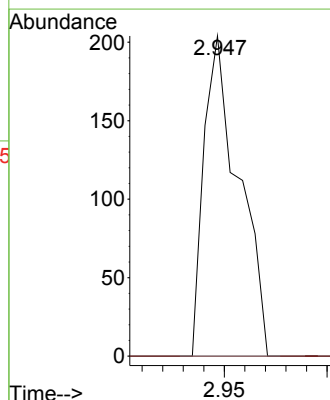
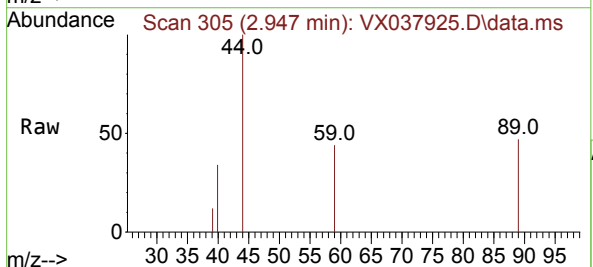
Instrument :
MSVOA_X
ClientSampleId :
IBLK

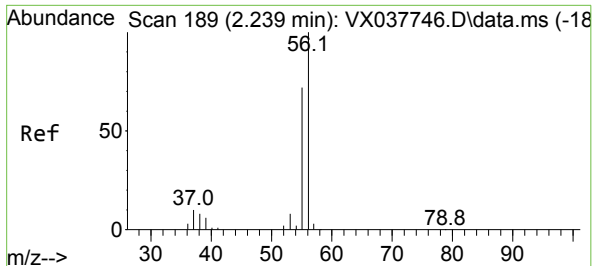
Tgt Ion:168 Resp: 226505
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.377 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.201 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037925.D

Acq: 27 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

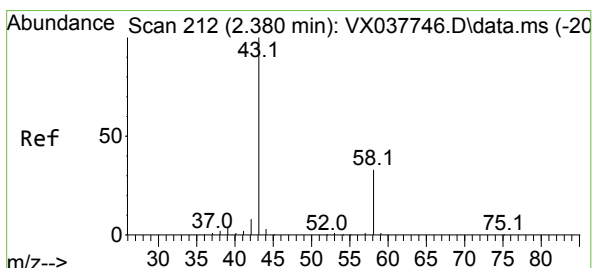
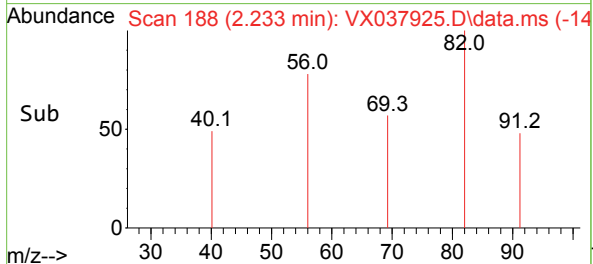
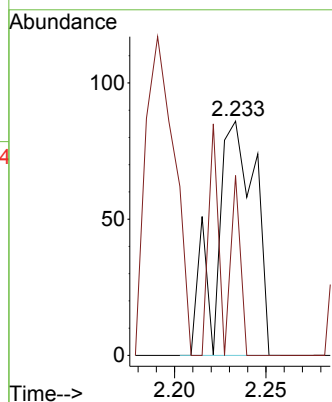
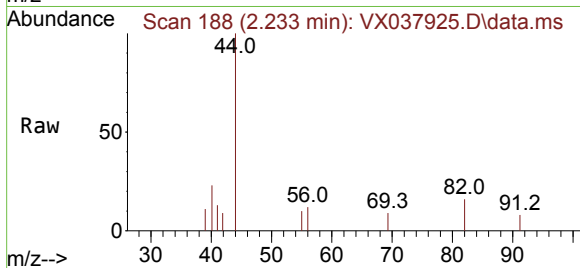
IBLK

Tgt Ion: 56 Resp: 127

Ion Ratio Lower Upper

56 100

55 43.3 57.1 85.7#



#16

Acetone

Concen: 0.563 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX037925.D

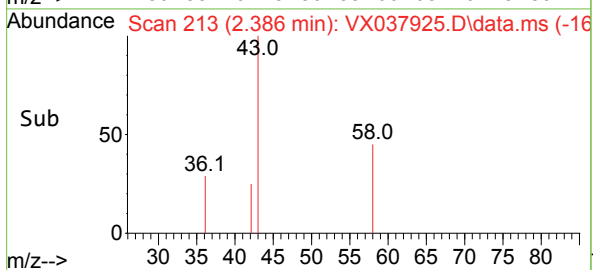
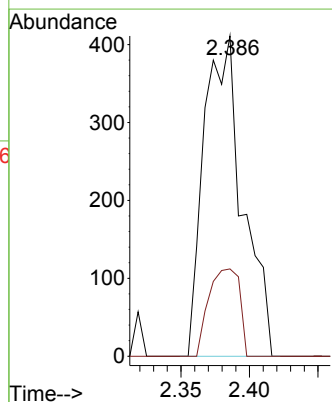
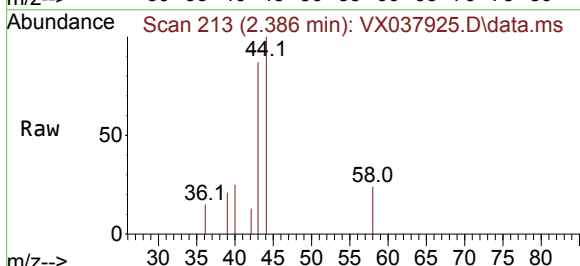
Acq: 27 Sep 2023 15:40

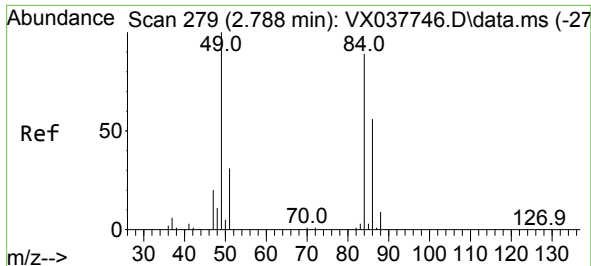
Tgt Ion: 43 Resp: 806

Ion Ratio Lower Upper

43 100

58 27.3 21.9 32.9





#20

Methylene Chloride

Concen: 0.376 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037925.D

Acq: 27 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 1061

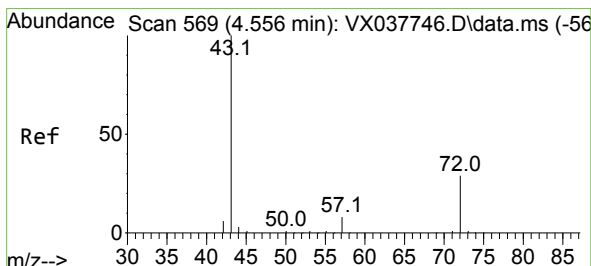
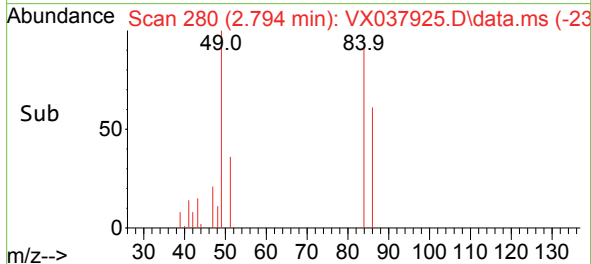
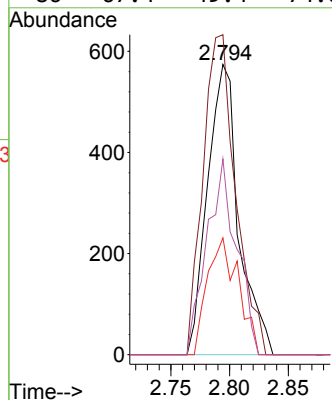
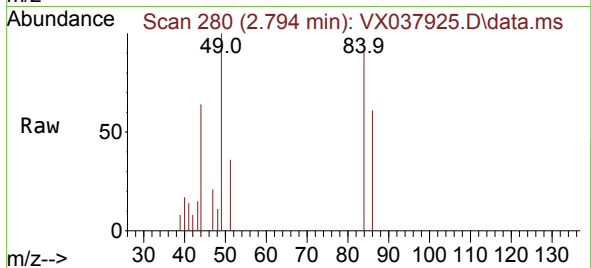
Ion Ratio Lower Upper

84 100

49 110.3 103.6 155.4

51 40.2 33.8 50.6

86 67.4 49.4 74.0



#25

2-Butanone

Concen: 0.235 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX037925.D

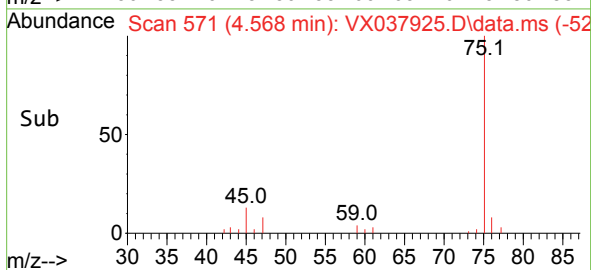
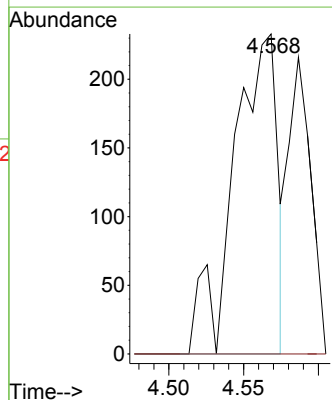
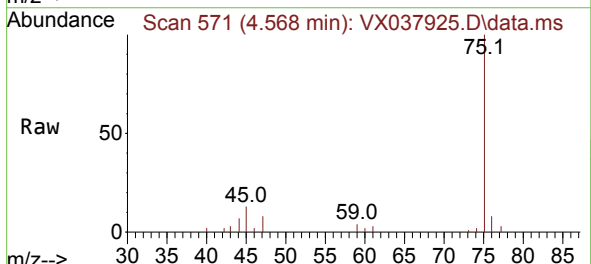
Acq: 27 Sep 2023 15:40

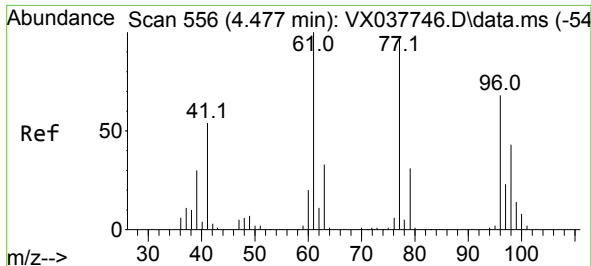
Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.269 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.079 min

Lab File: VX037925.D

Acq: 27 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

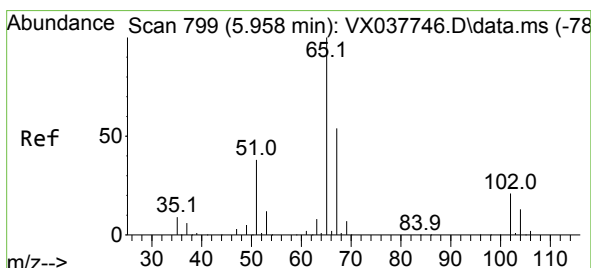
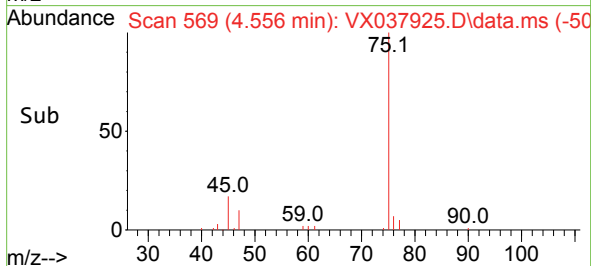
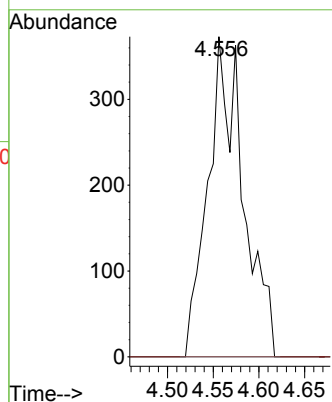
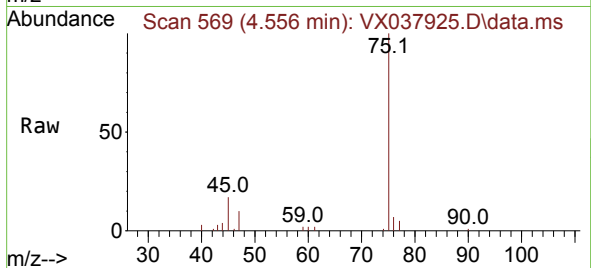
IBLK

Tgt Ion: 77 Resp: 999

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#33

1,2-Dichloroethane-d4

Concen: 46.817 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037925.D

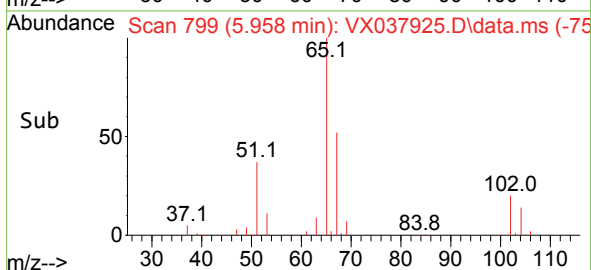
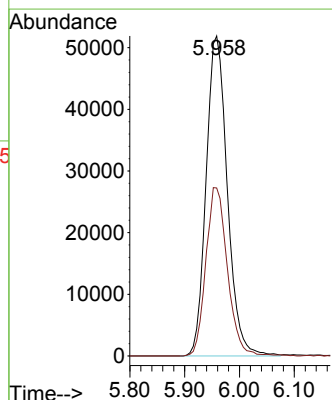
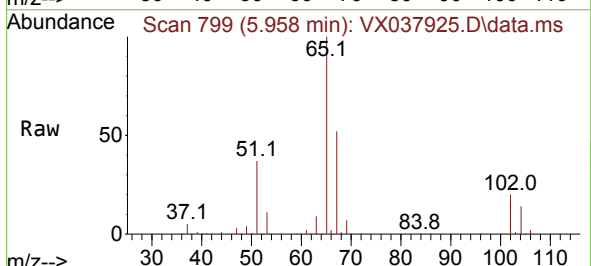
Acq: 27 Sep 2023 15:40

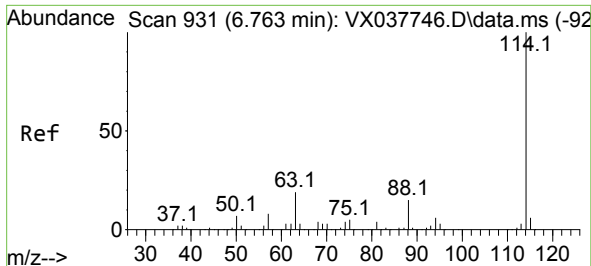
Tgt Ion: 65 Resp: 139323

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.2

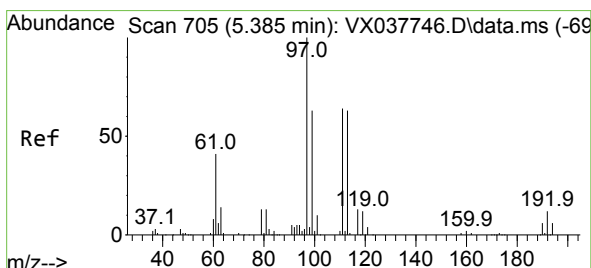
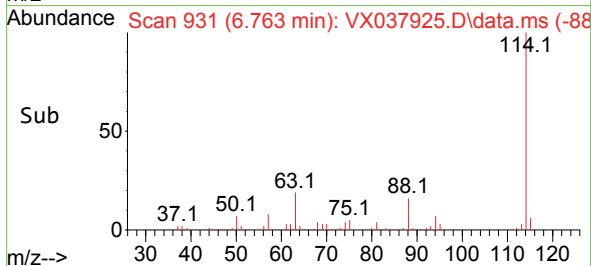
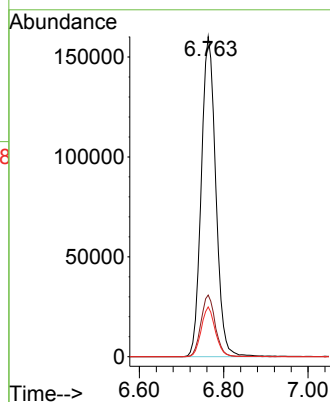
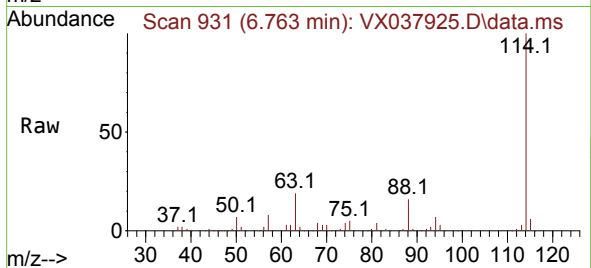




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

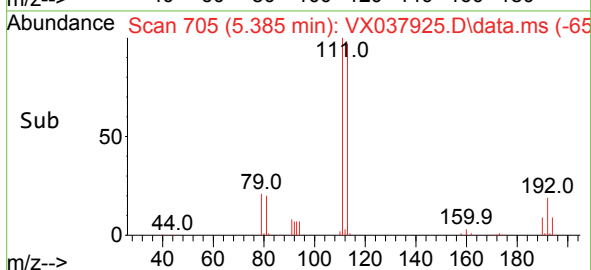
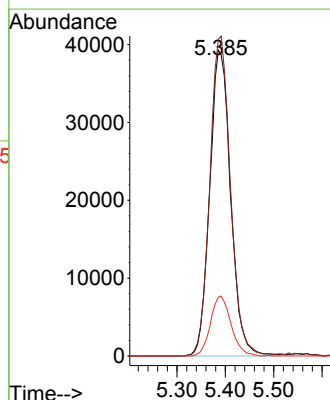
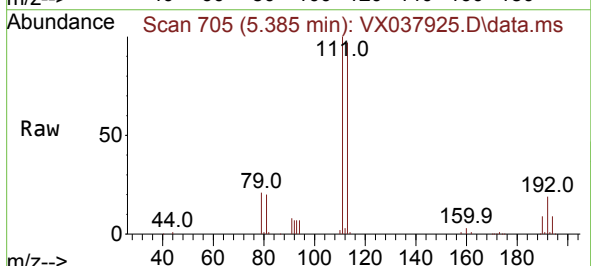
Instrument :
MSVOA_X
ClientSampleId :
IBLK

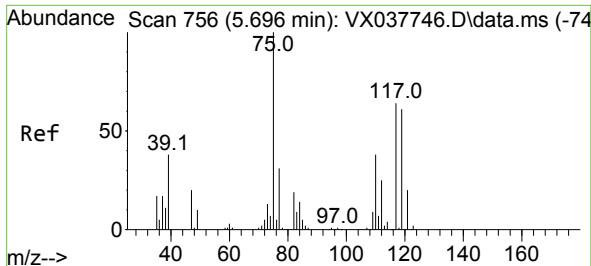
Tgt Ion:114 Resp: 383950
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.819 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

Tgt Ion:113 Resp: 117711
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 19.3 13.3 19.9

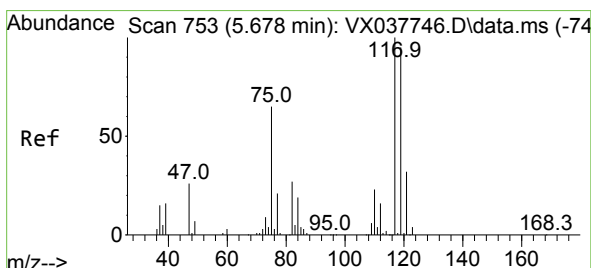
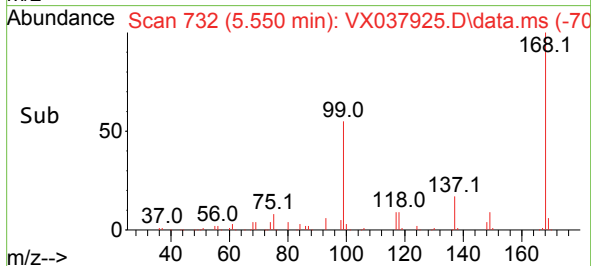
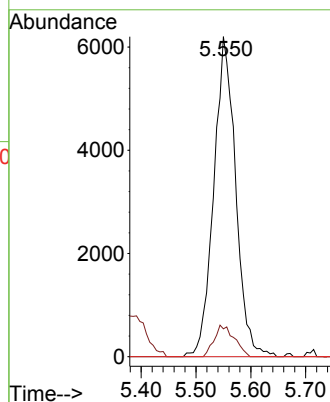
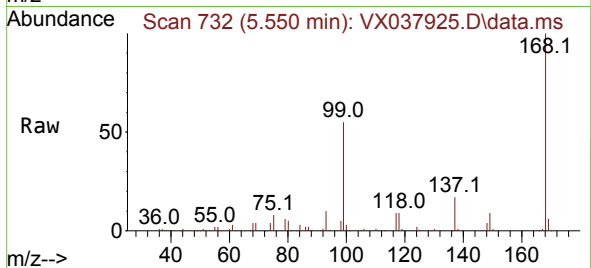




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

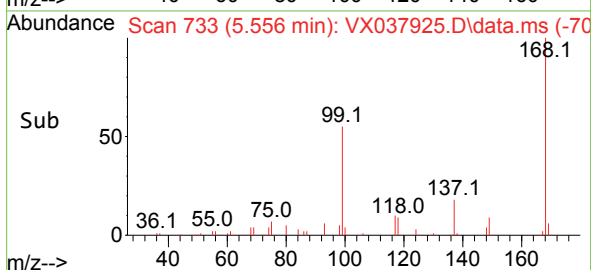
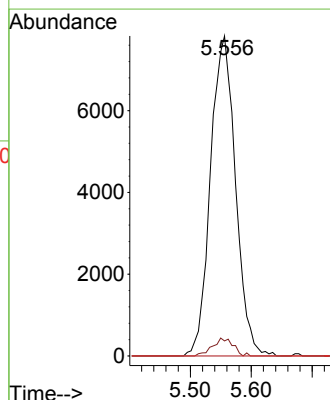
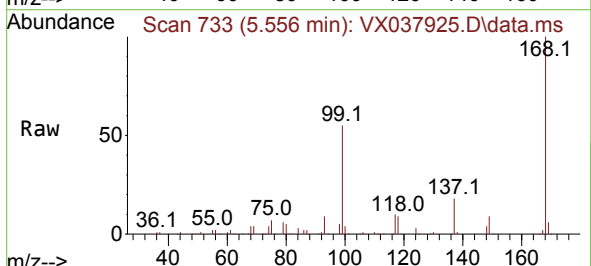
Instrument :
MSVOA_X
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IBLK

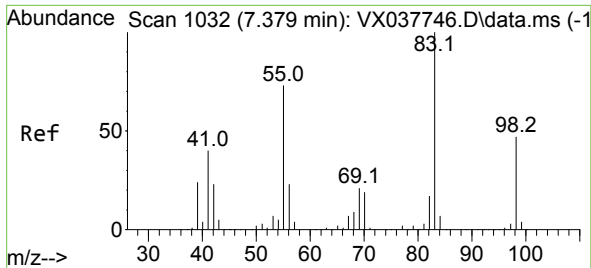
Tgt Ion: 75 Resp: 17192
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

Tgt Ion: 117 Resp: 22332
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

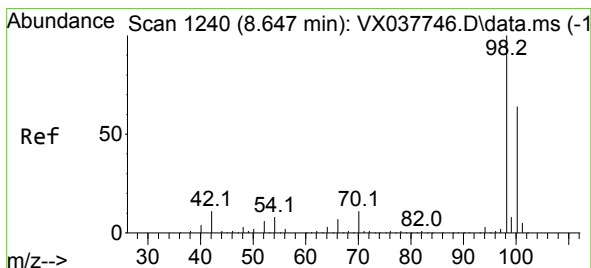
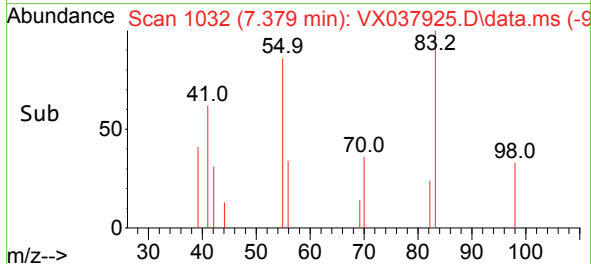
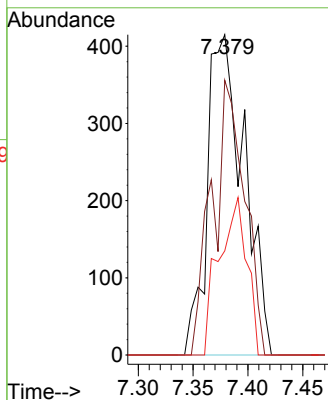
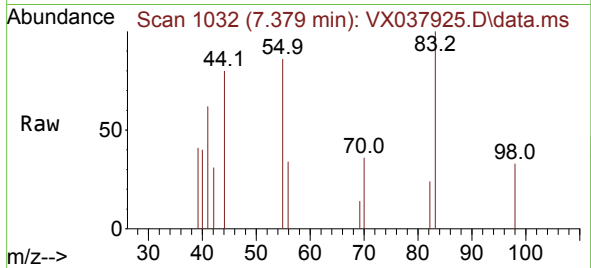




#39
Methylcyclohexane
Concen: 0.216 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

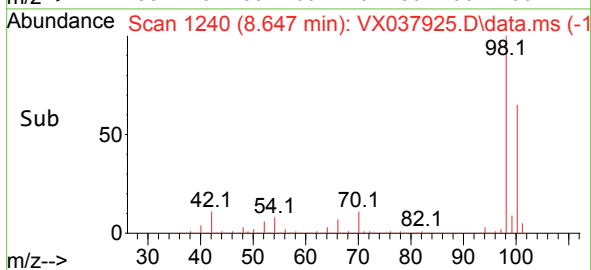
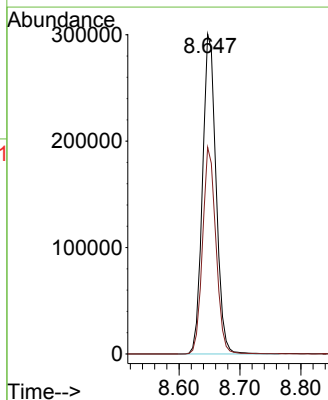
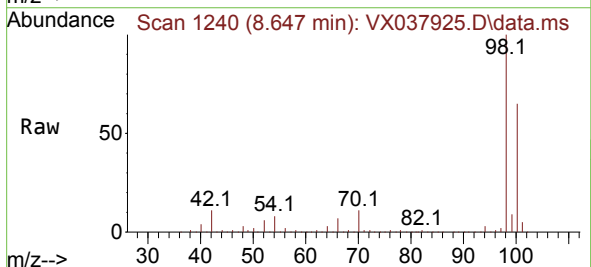
Instrument :
MSVOA_X
ClientSampleId :
IBLK

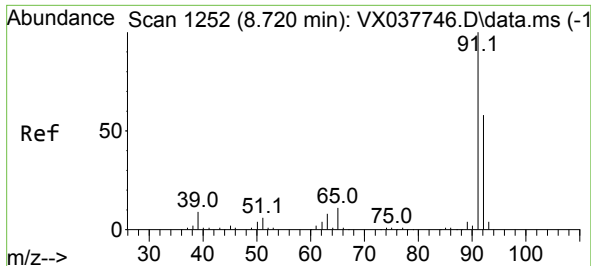
Tgt Ion: 83 Resp: 968
Ion Ratio Lower Upper
83 100
55 85.8 64.6 97.0
98 32.5 36.7 55.1#



#50
Toluene-d8
Concen: 48.693 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

Tgt Ion: 98 Resp: 464800
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7

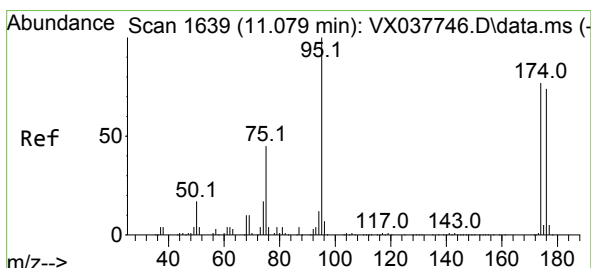
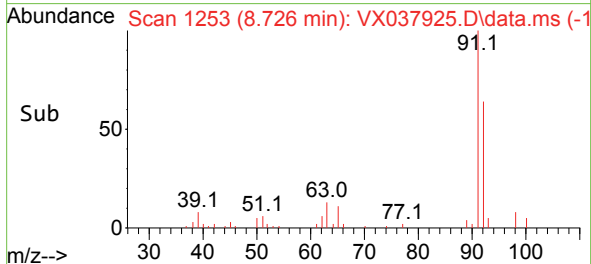
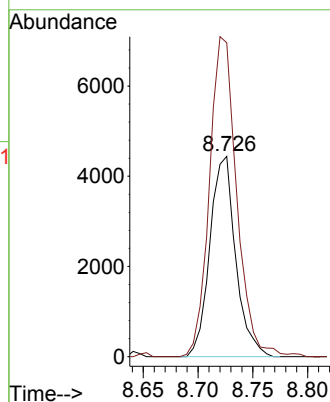
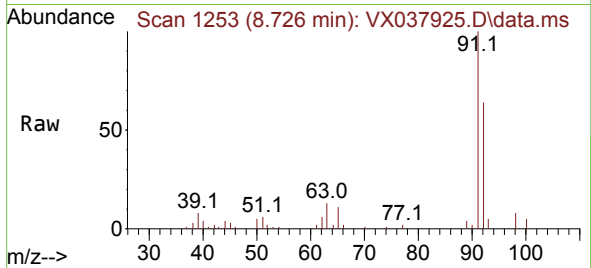




#52
Toluene
Concen: 1.037 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

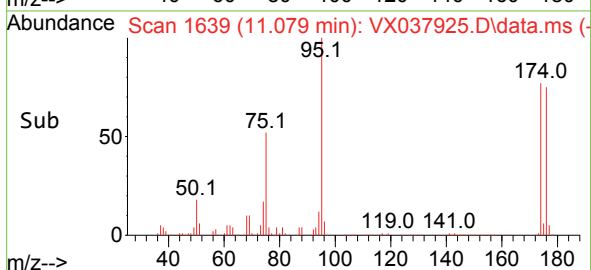
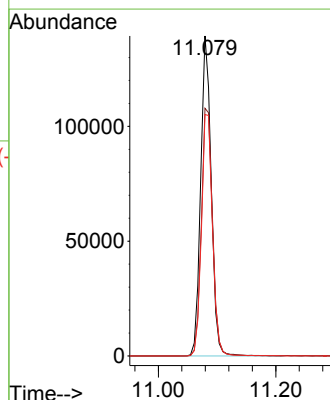
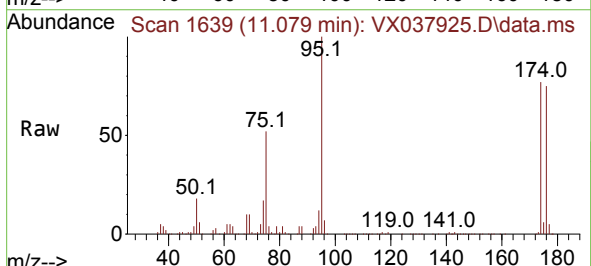
Instrument :
MSVOA_X
ClientSampleId :
IBLK

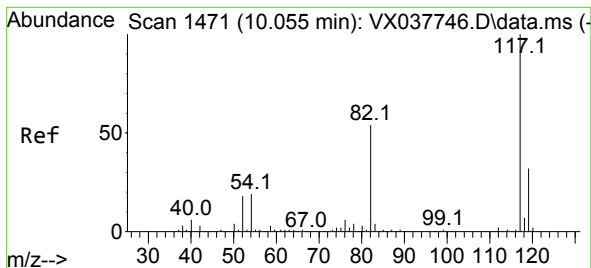
Tgt Ion: 92 Resp: 7273
Ion Ratio Lower Upper
92 100
91 169.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

Tgt Ion: 95 Resp: 173779
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 79.3 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: VX037925.D

Acq: 27 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK

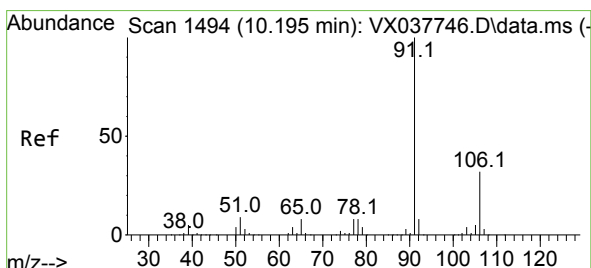
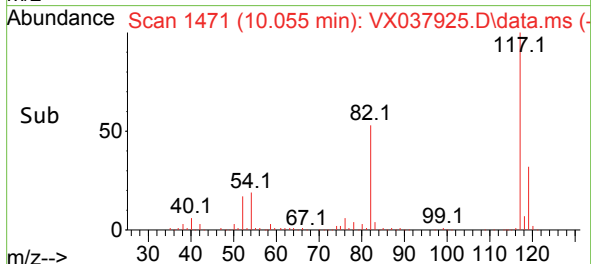
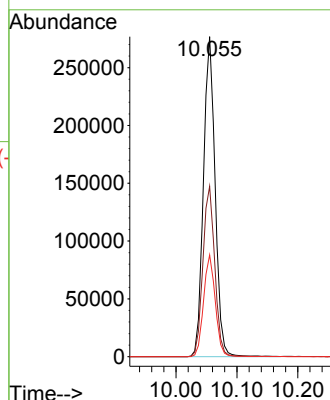
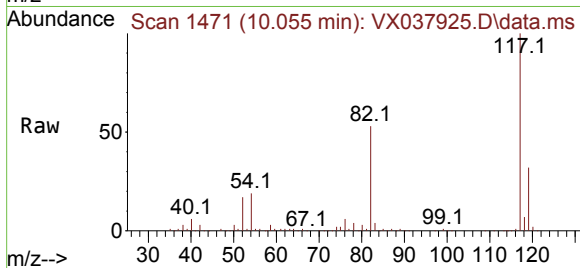
Tgt Ion:117 Resp: 368513

Ion Ratio Lower Upper

117 100

82 53.2 46.2 69.4

119 31.8 25.5 38.3



#67

Ethyl Benzene

Concen: 0.308 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037925.D

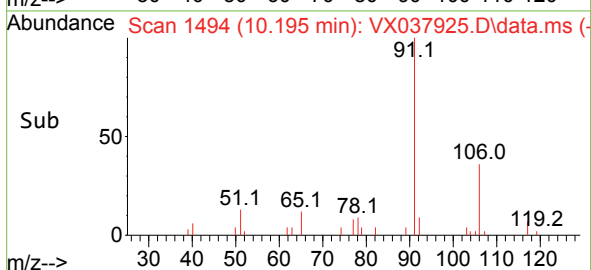
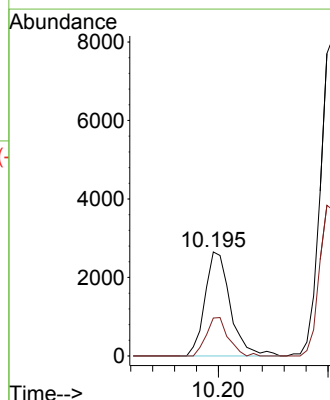
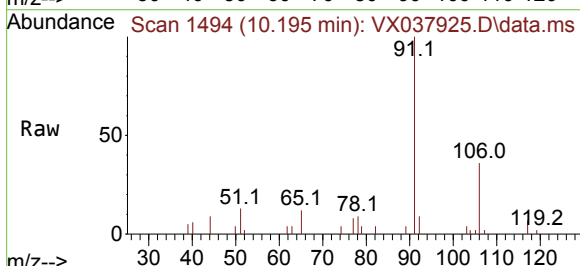
Acq: 27 Sep 2023 15:40

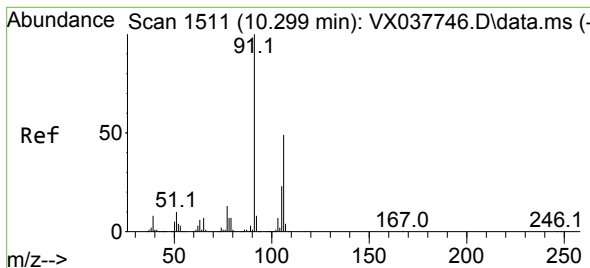
Tgt Ion: 91 Resp: 4247

Ion Ratio Lower Upper

91 100

106 36.5 24.9 37.3

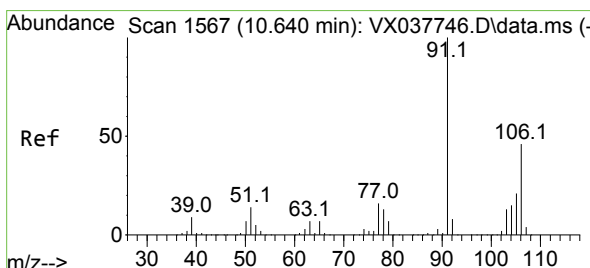
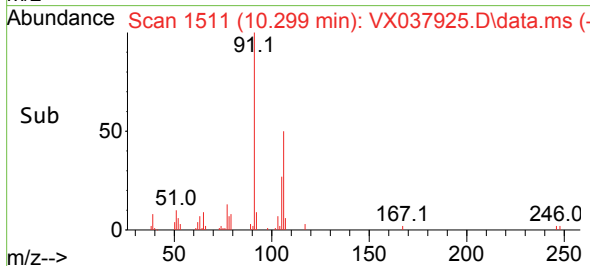
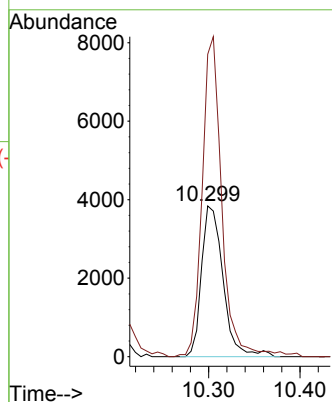
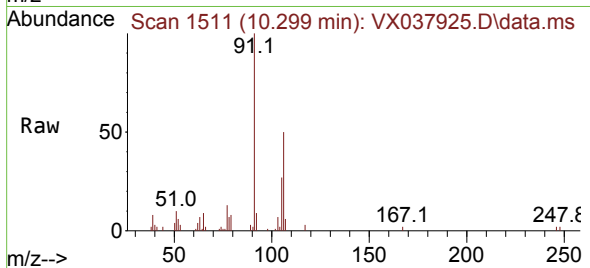




#68
m/p-Xylenes
Concen: 1.180 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

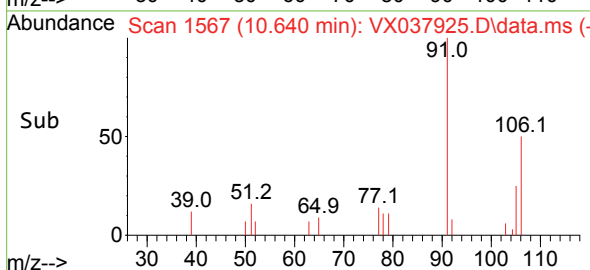
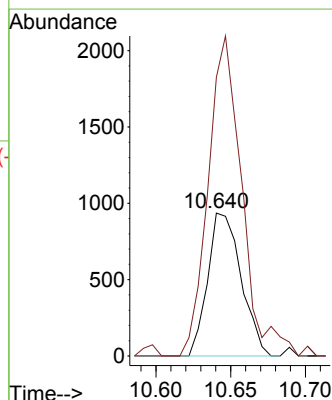
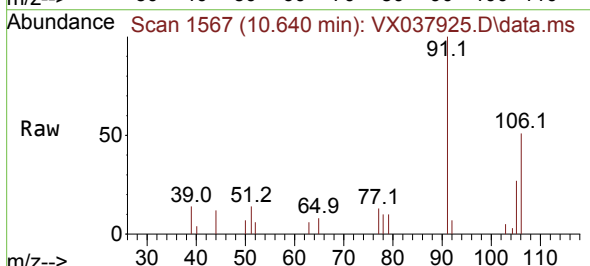
Instrument :
MSVOA_X
ClientSampleId :
IBLK

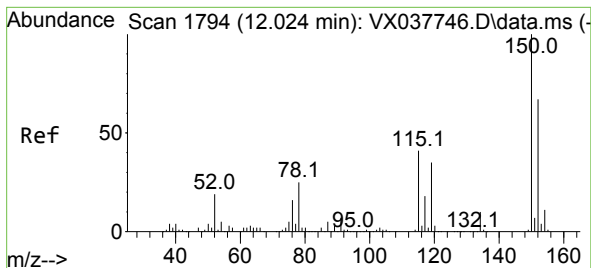
Tgt Ion:106 Resp: 6283
Ion Ratio Lower Upper
106 100
91 193.9 165.5 248.3



#69
o-Xylene
Concen: 0.272 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

Tgt Ion:106 Resp: 1454
Ion Ratio Lower Upper
106 100
91 227.4 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037925.D

Acq: 27 Sep 2023 15:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK

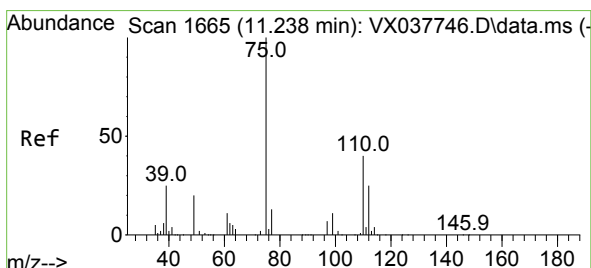
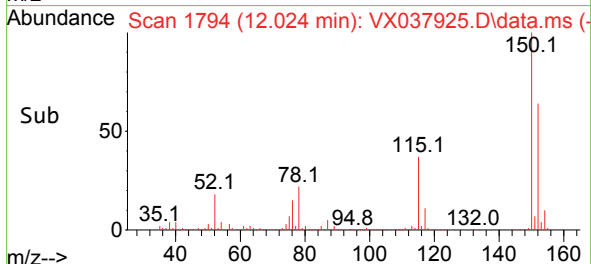
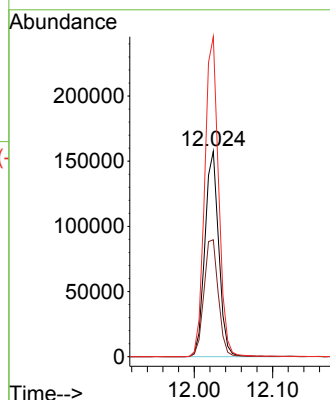
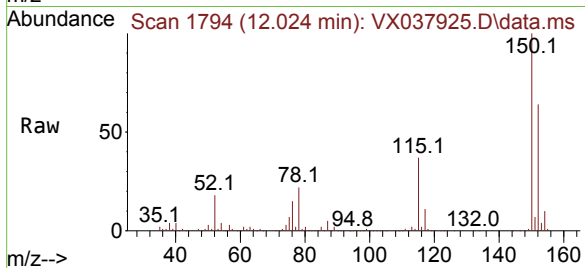
Tgt Ion:152 Resp: 193213

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.020 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037925.D

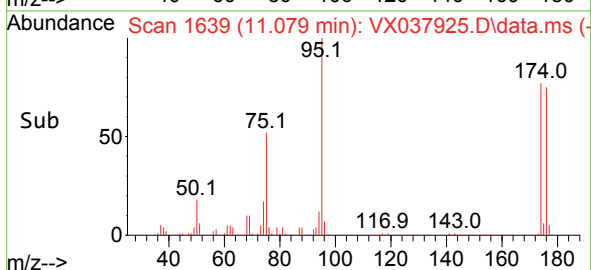
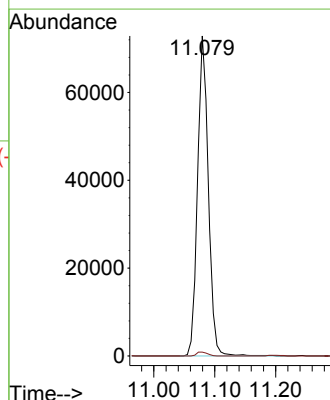
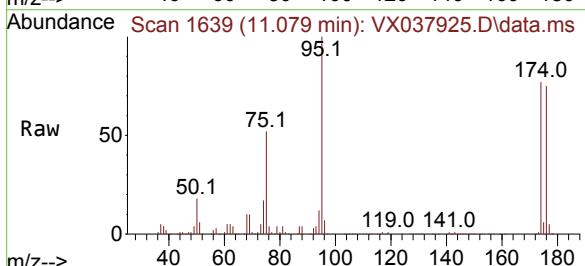
Acq: 27 Sep 2023 15:40

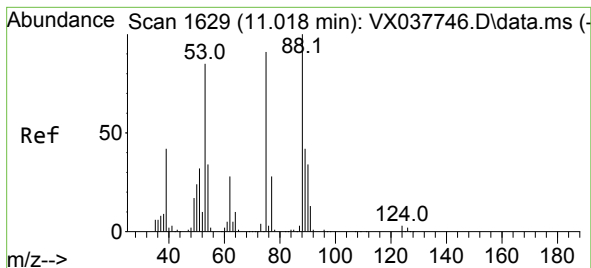
Tgt Ion: 75 Resp: 89466

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

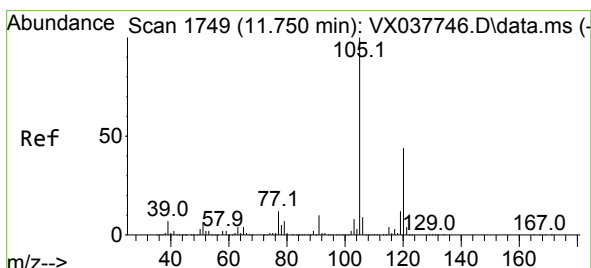
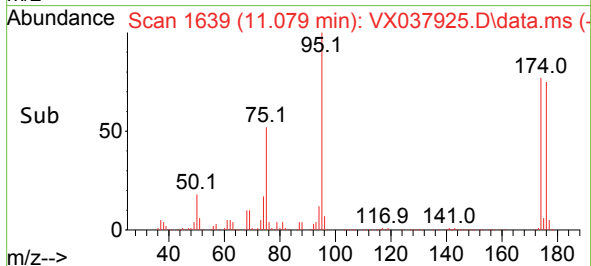
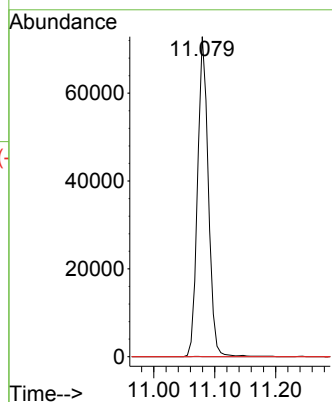
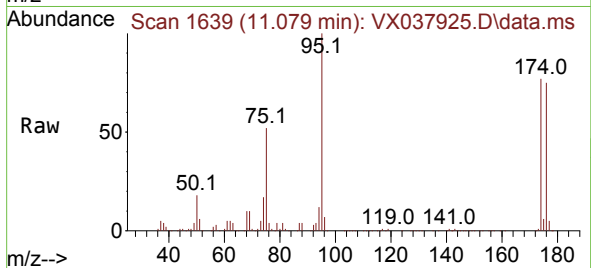




#81
trans-1,4-Dichloro-2-butene
Concen: 64.131 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 89466
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.270 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX037925.D
Acq: 27 Sep 2023 15:40

Tgt Ion: 105 Resp: 3215
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6

