

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038174.D
 Acq On : 09 Oct 2023 16:10
 Operator : JC/MD
 Sample : 04724-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 00:58:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

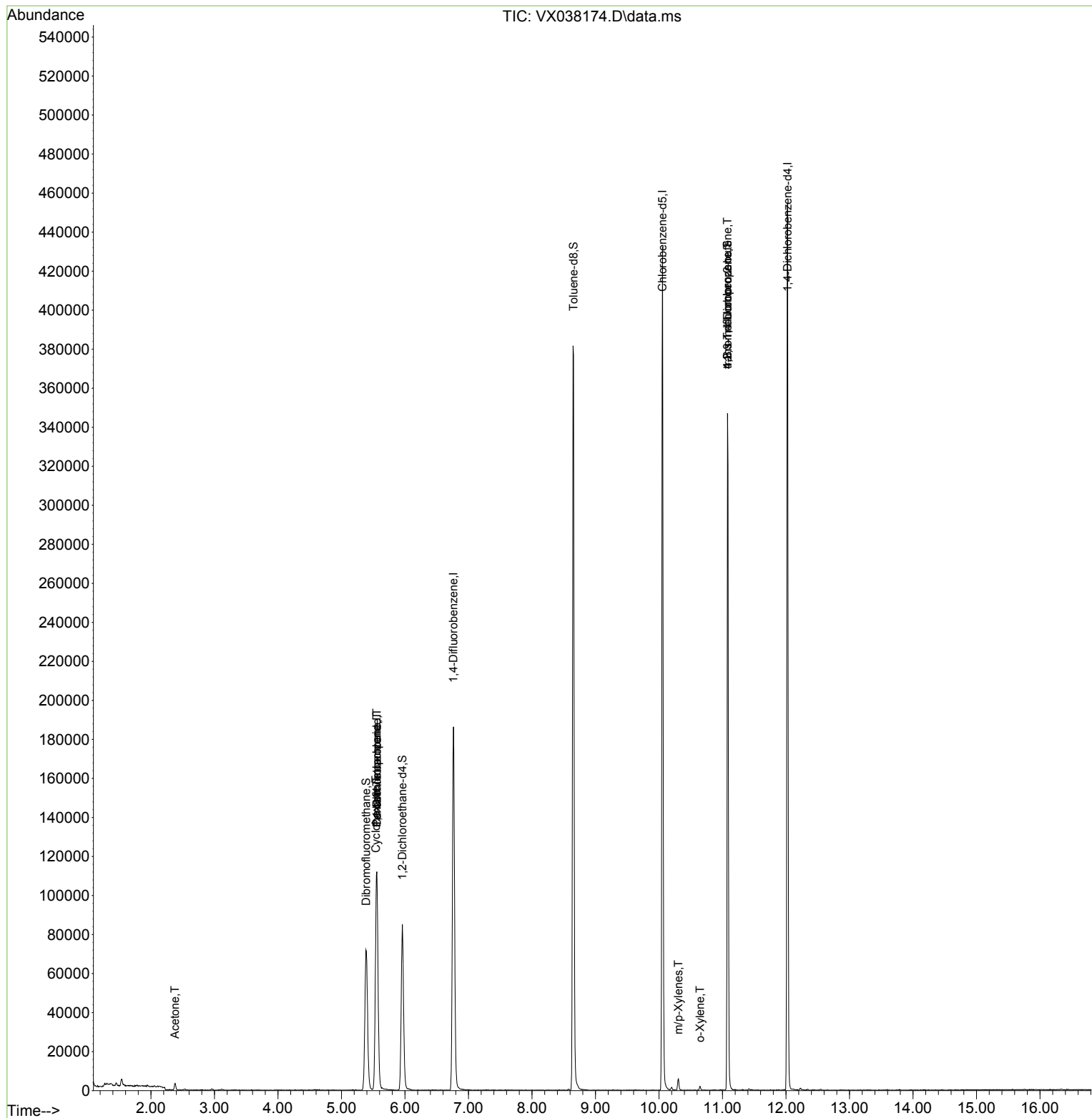
Internal Standards						
1) Pentafluorobenzene	5.556	168	105538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79363	46.753	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.500%
35) Dibromofluoromethane	5.385	113	62760	45.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.900%
50) Toluene-d8	8.653	98	237133	45.431	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.860%#
62) 4-Bromofluorobenzene	11.079	95	87103	44.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.551	94	45	Below Cal	#	3
6) Chloroethane	1.703	64	251	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	688	Below Cal	#	78
16) Acetone	2.380	43	3539	4.995	ug/l #	78
31) Cyclohexane	5.544	56	2557	1.390	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	9297	4.936	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11029	5.952	ug/l #	15
68) m/p-Xylenes	10.305	106	1450	0.539	ug/l	92
69) o-Xylene	10.647	106	632	0.241	ug/l	74
76) 1,2,3-Trichloropropane	11.079	75	49678	23.185	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49678	66.272	ug/l #	5

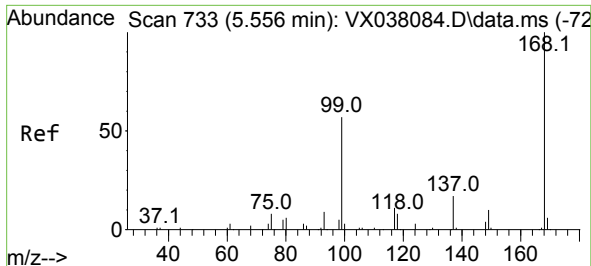
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 10 00:58:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

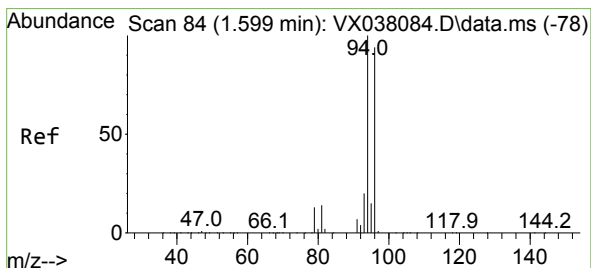
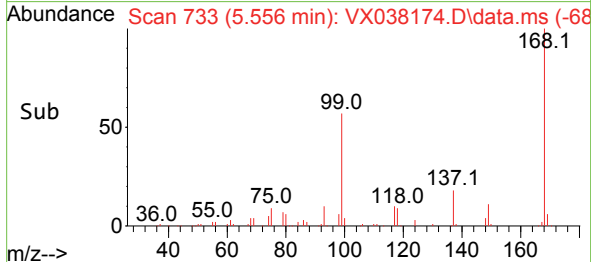
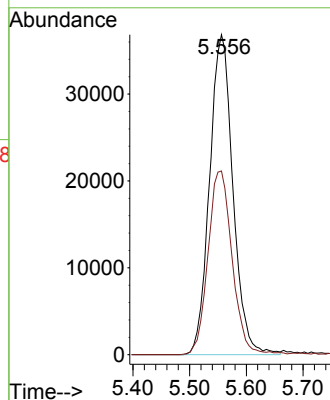
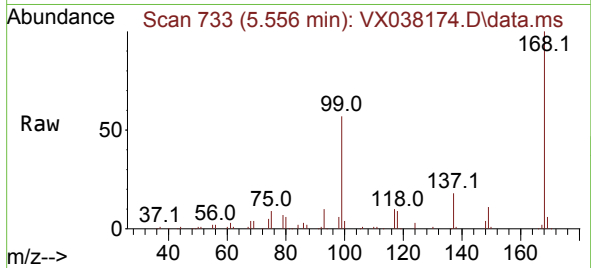




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

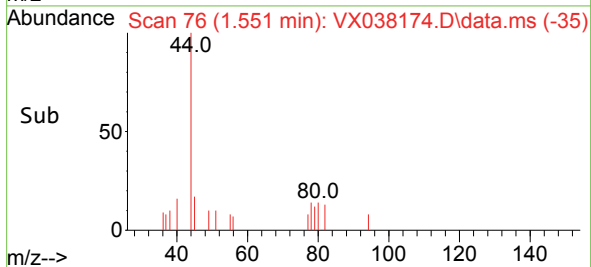
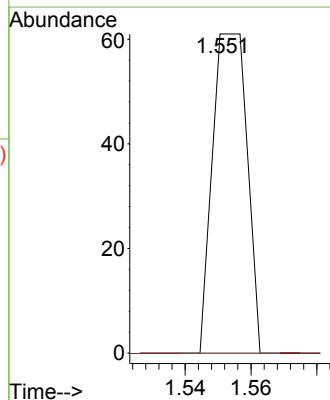
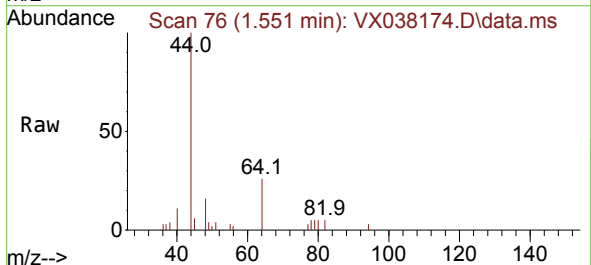
Instrument :
MSVOA_X
ClientSampleId :

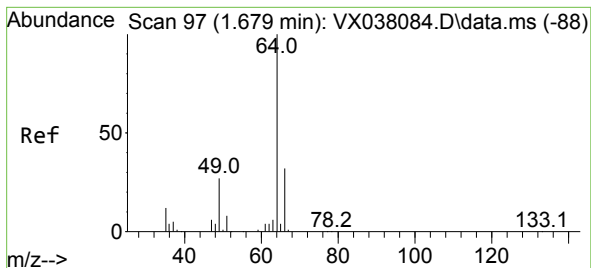
Tgt Ion:168 Resp: 105538
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.551 min Scan# 76
Delta R.T. -0.048 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

Tgt Ion: 94 Resp: 45
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.703 min Scan# 101

Delta R.T. 0.024 min

Lab File: VX038174.D

Acq: 09 Oct 2023 16:10

Instrument :

MSVOA_X

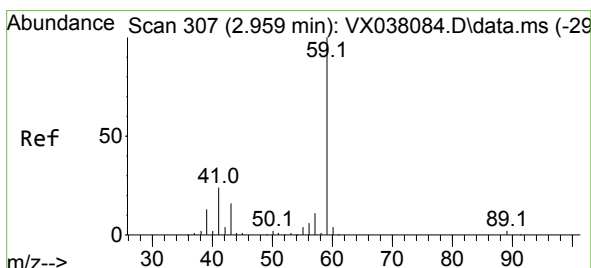
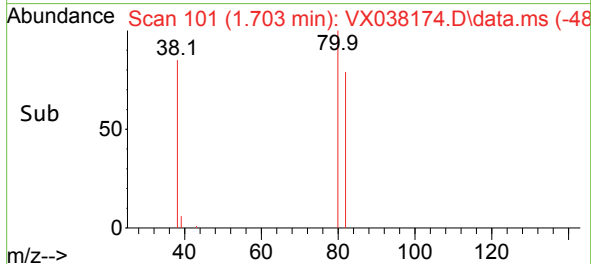
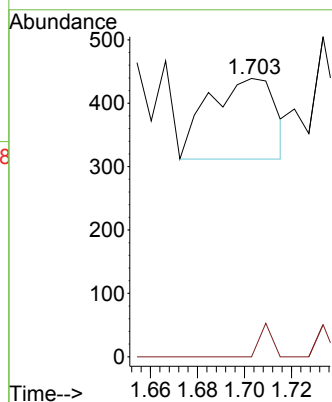
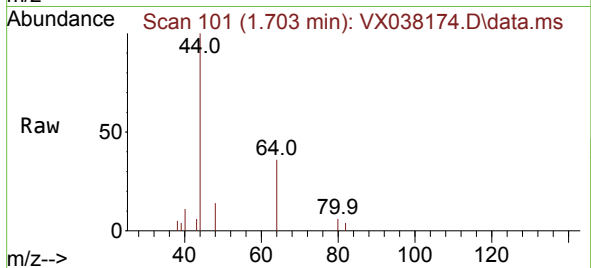
ClientSampleId :

Tgt Ion: 64 Resp: 251

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX038174.D

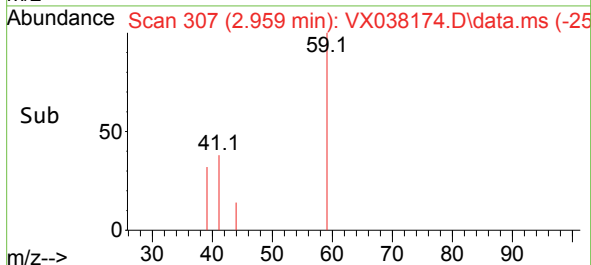
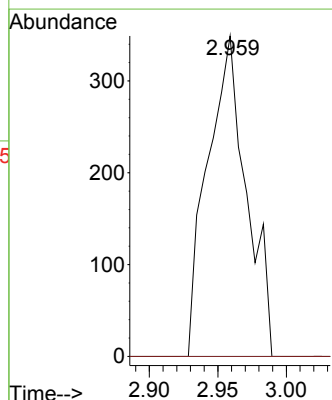
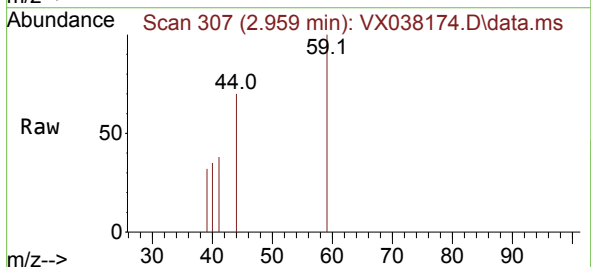
Acq: 09 Oct 2023 16:10

Tgt Ion: 59 Resp: 688

Ion Ratio Lower Upper

59 100

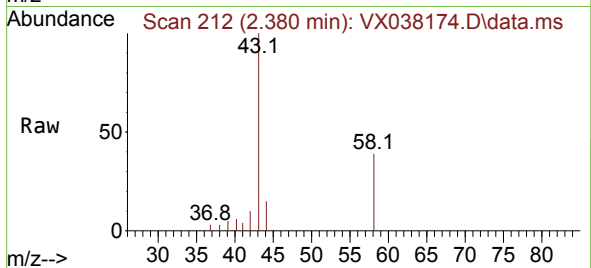
57 0.0 6.0 9.0#



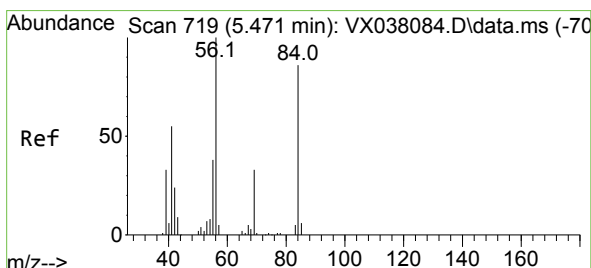
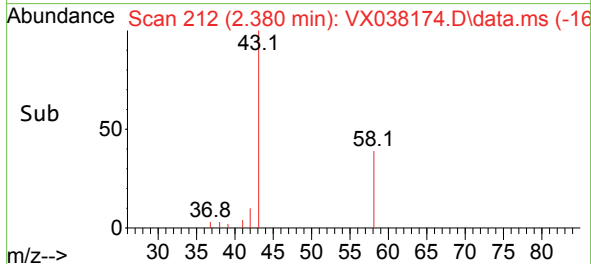
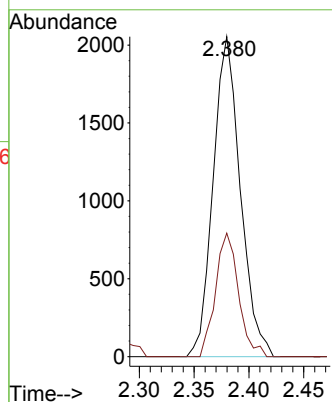


#16
Acetone
Concen: 4.995 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :

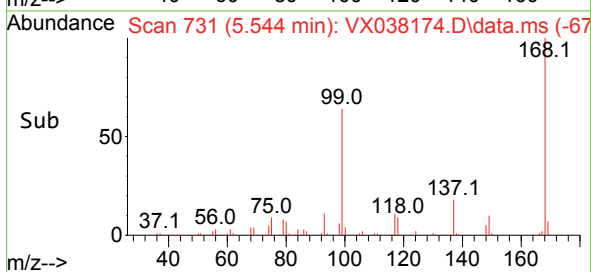
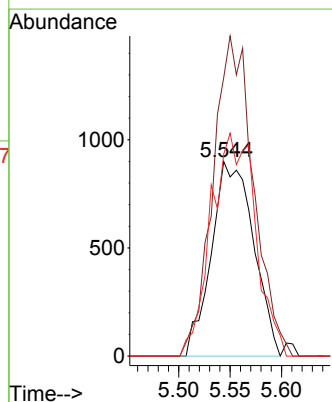
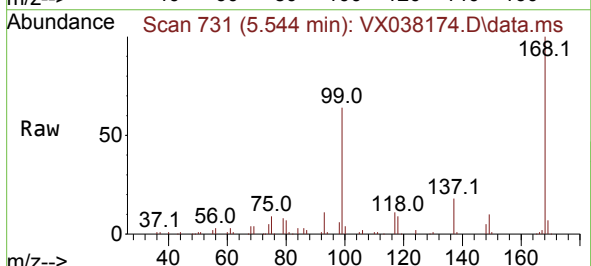


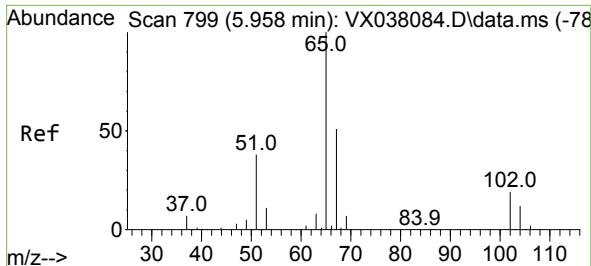
Tgt Ion: 43 Resp: 3539
Ion Ratio Lower Upper
43 100
58 38.6 21.9 32.9#



#31
Cyclohexane
Concen: 1.390 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

Tgt Ion: 56 Resp: 2557
Ion Ratio Lower Upper
56 100
69 143.3 23.4 35.2#
84 103.8 65.9 98.9#

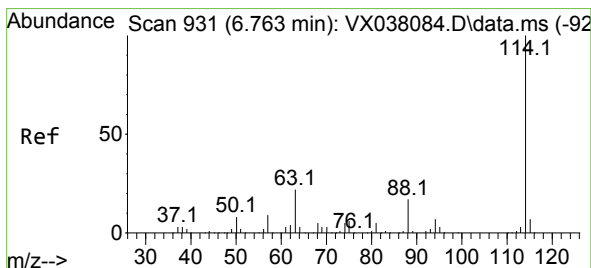
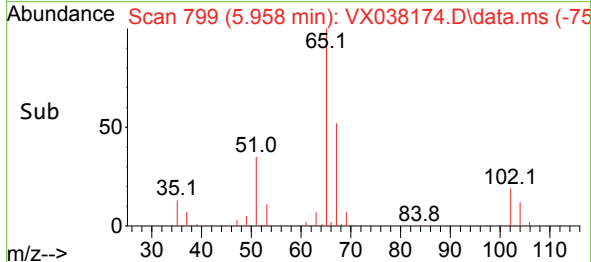
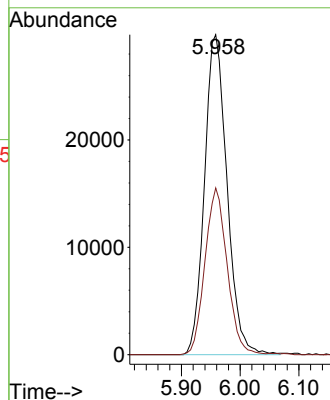
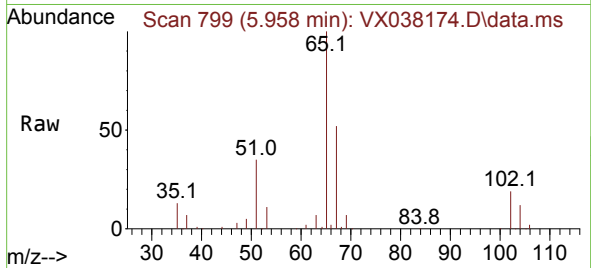




#33
 1,2-Dichloroethane-d4
 Concen: 46.753 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038174.D
 Acq: 09 Oct 2023 16:10

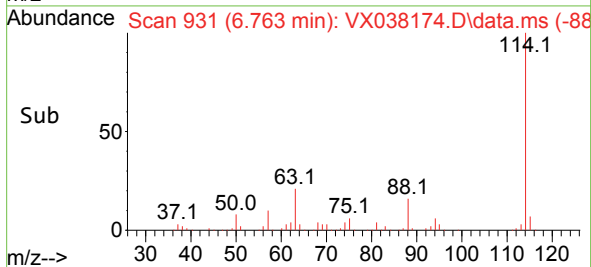
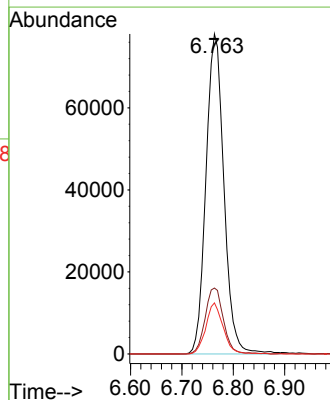
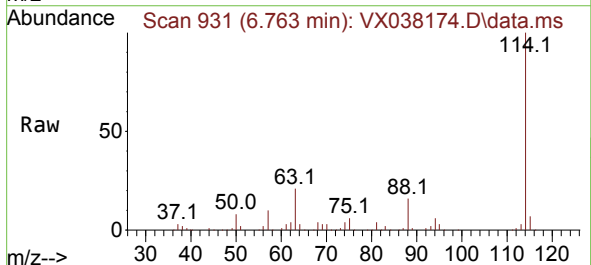
Instrument :
 MSVOA_X
 ClientSampleId :

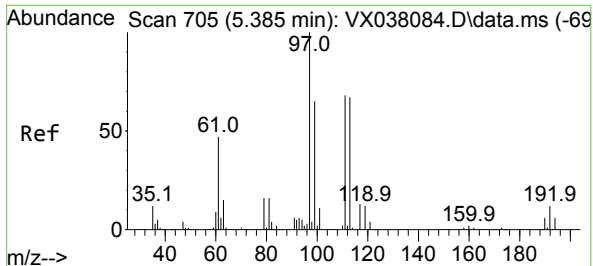
Tgt Ion: 65 Resp: 79363
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038174.D
 Acq: 09 Oct 2023 16:10

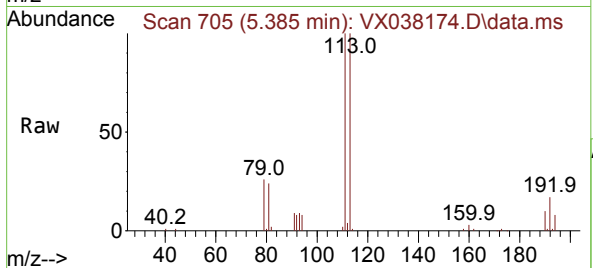
Tgt Ion:114 Resp: 189567
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 15.9 0.0 36.6



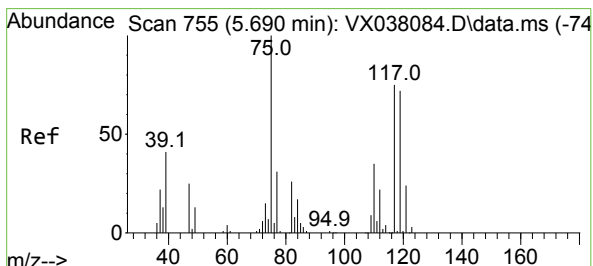
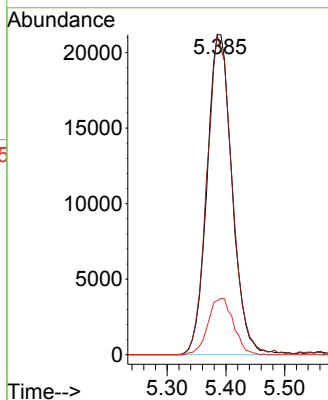
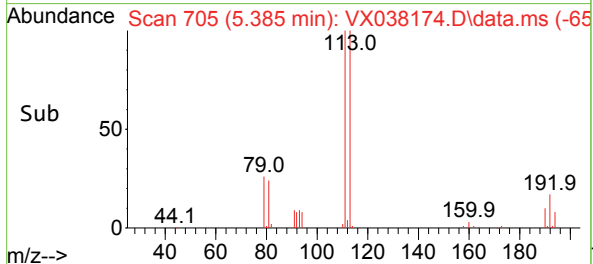


#35
Dibromofluoromethane
Concen: 45.946 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :

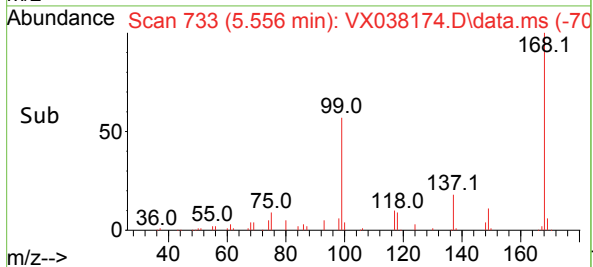
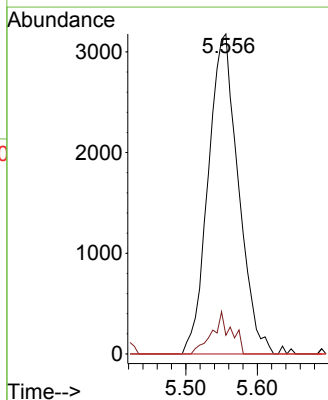
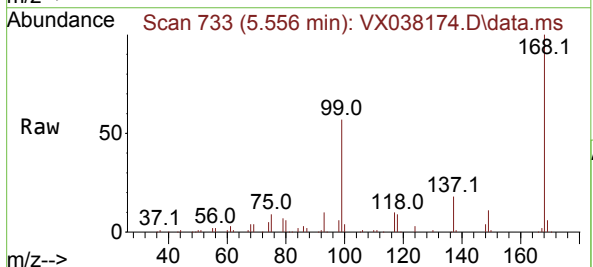


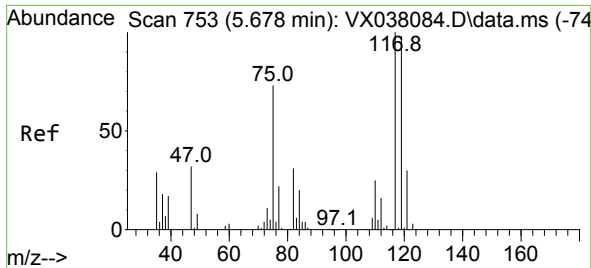
Tgt Ion:113 Resp: 62760
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.936 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

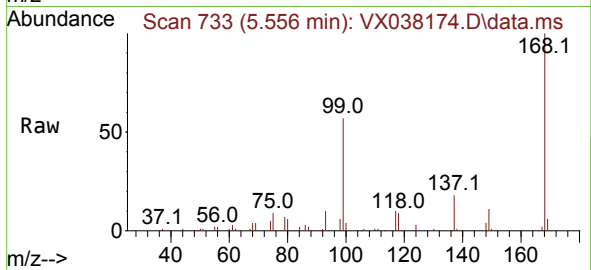
Tgt Ion: 75 Resp: 9297
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



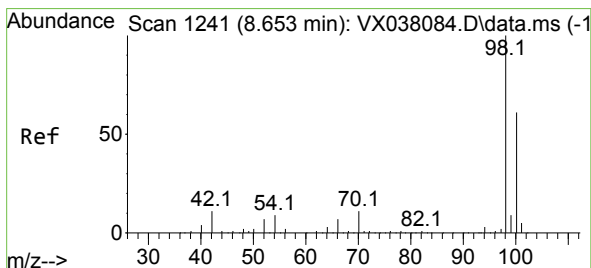
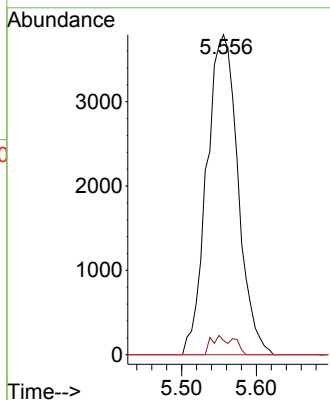
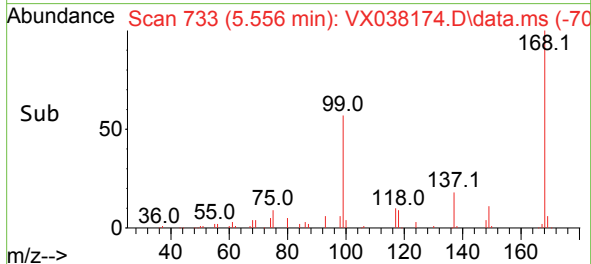


#38
Carbon Tetrachloride
Concen: 5.952 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :

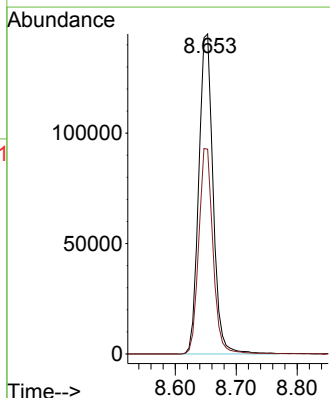
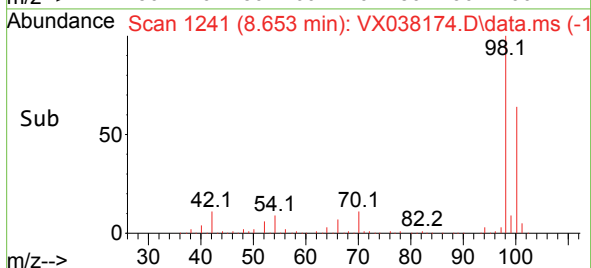
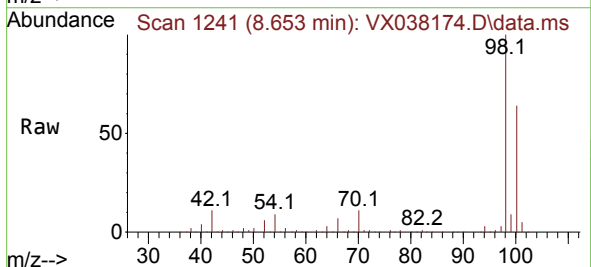


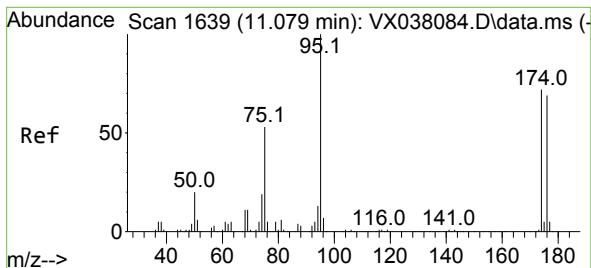
Tgt Ion:117 Resp: 11029
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.431 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

Tgt Ion: 98 Resp: 237133
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

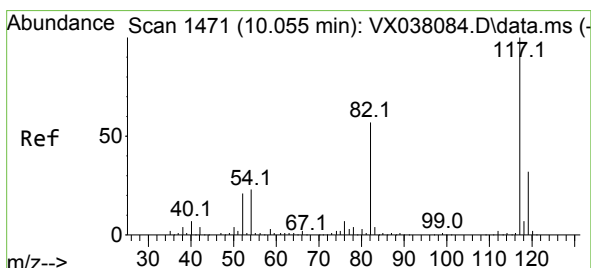
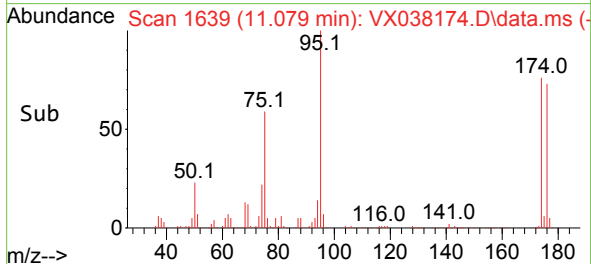
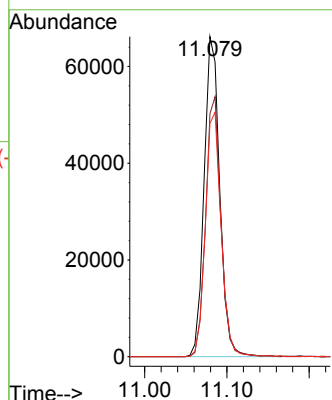
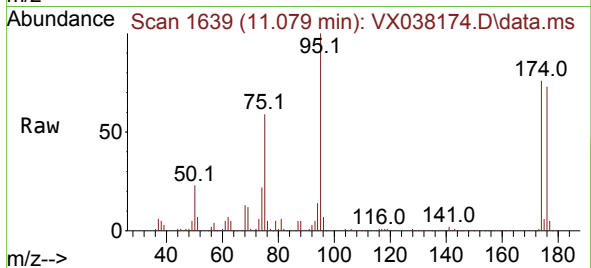




#62
4-Bromofluorobenzene
Concen: 44.018 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

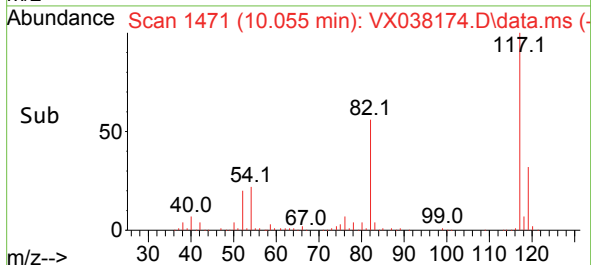
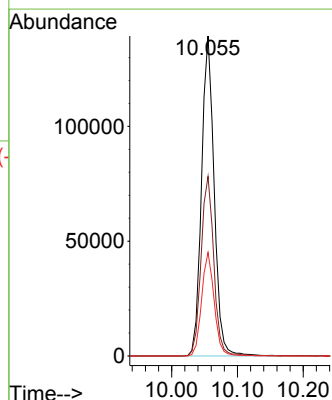
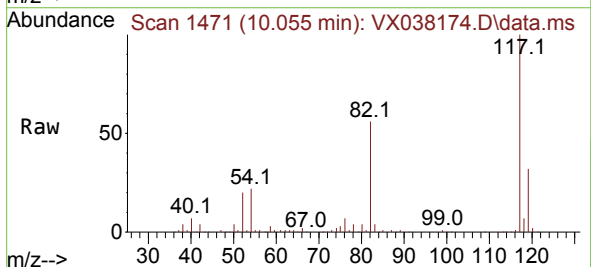
Instrument :
MSVOA_X
ClientSampleId :

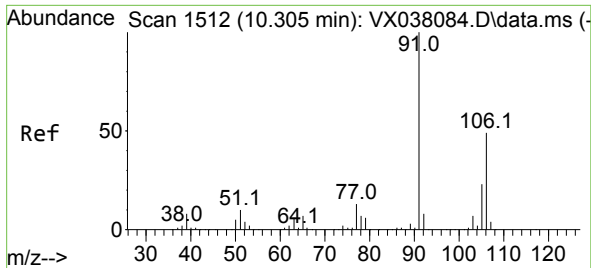
Tgt Ion: 95 Resp: 87103
Ion Ratio Lower Upper
95 100
174 80.0 0.0 135.6
176 77.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

Tgt Ion: 117 Resp: 186302
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.4 25.5 38.3

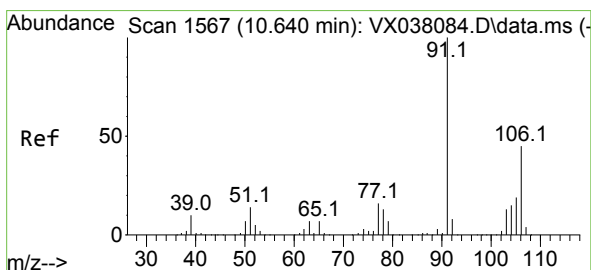
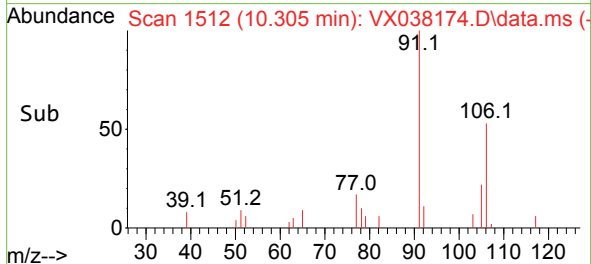
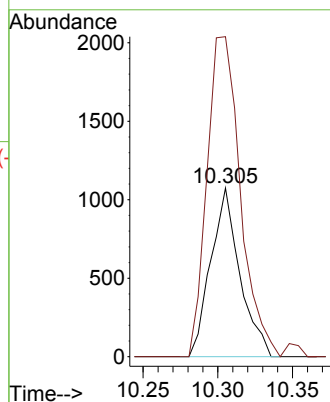
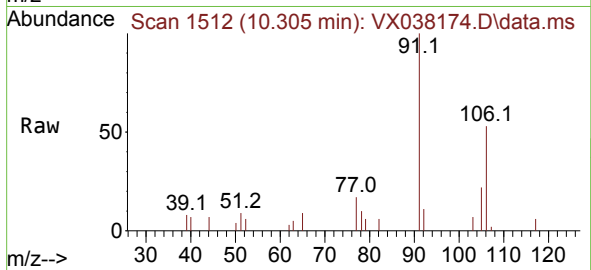




#68
m/p-Xylenes
Concen: 0.539 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

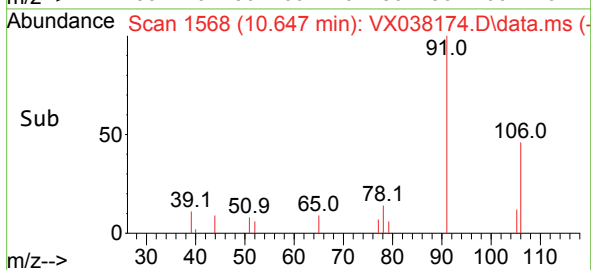
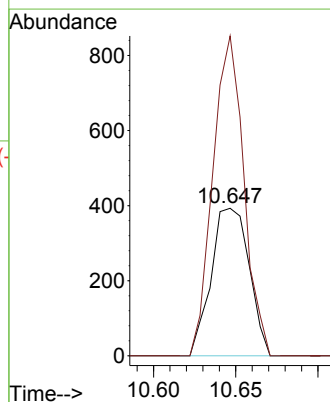
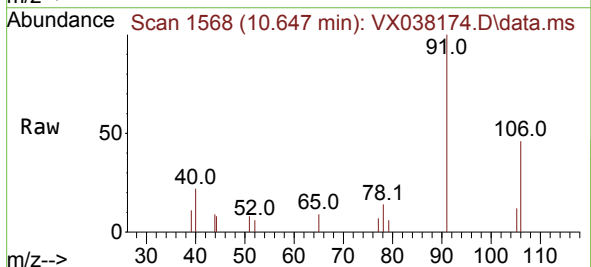
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MSVOA_X
ClientSampleId :

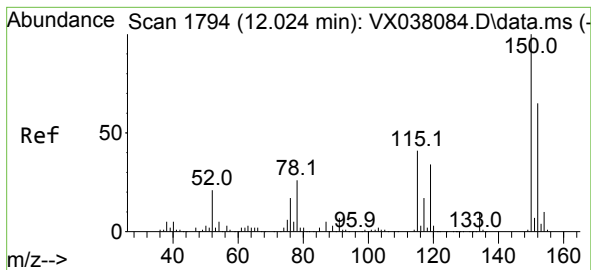
Tgt Ion:106 Resp: 1450
Ion Ratio Lower Upper
106 100
91 218.6 165.5 248.3



#69
o-Xylene
Concen: 0.241 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038174.D
Acq: 09 Oct 2023 16:10

Tgt Ion:106 Resp: 632
Ion Ratio Lower Upper
106 100
91 176.9 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038174.D

Acq: 09 Oct 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

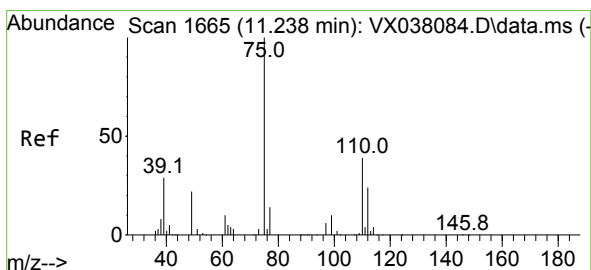
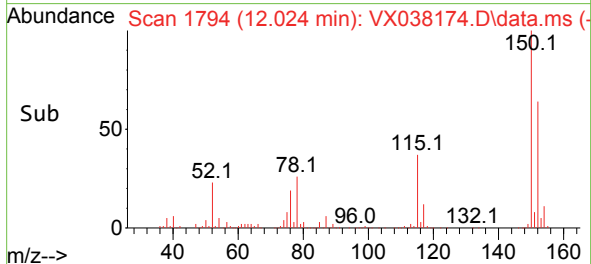
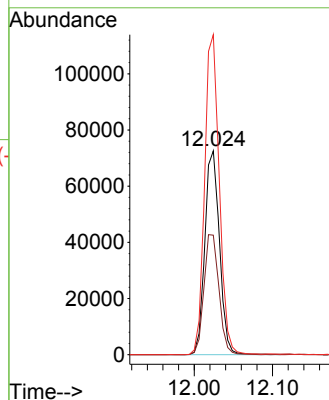
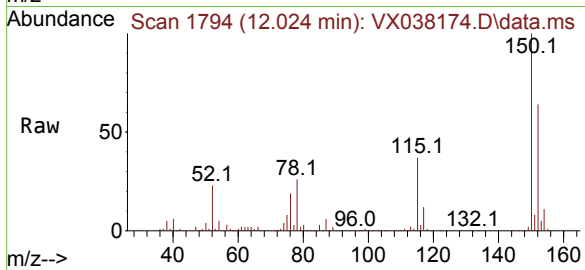
Tgt Ion:152 Resp: 94249

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.185 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038174.D

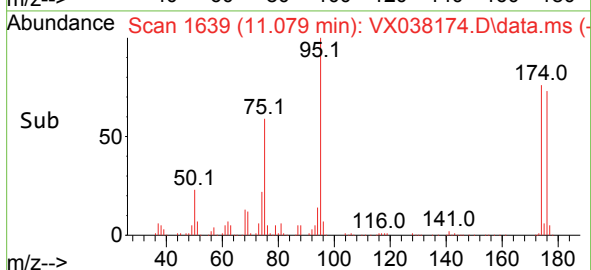
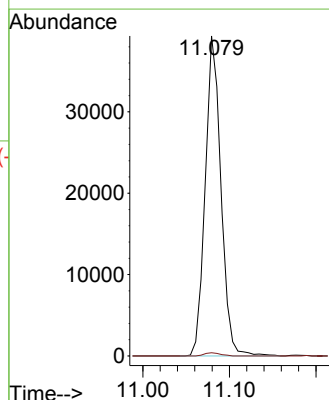
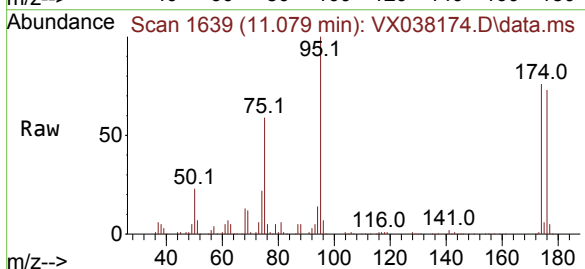
Acq: 09 Oct 2023 16:10

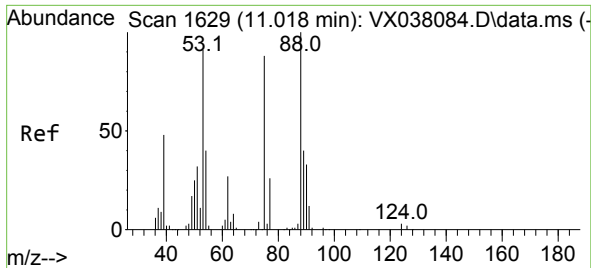
Tgt Ion: 75 Resp: 49678

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.272 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX038174.D
 Acq: 09 Oct 2023 16:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 49678
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

