

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
 Data File : VX038342.D
 Acq On : 17 Oct 2023 20:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 18 04:05:39 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)

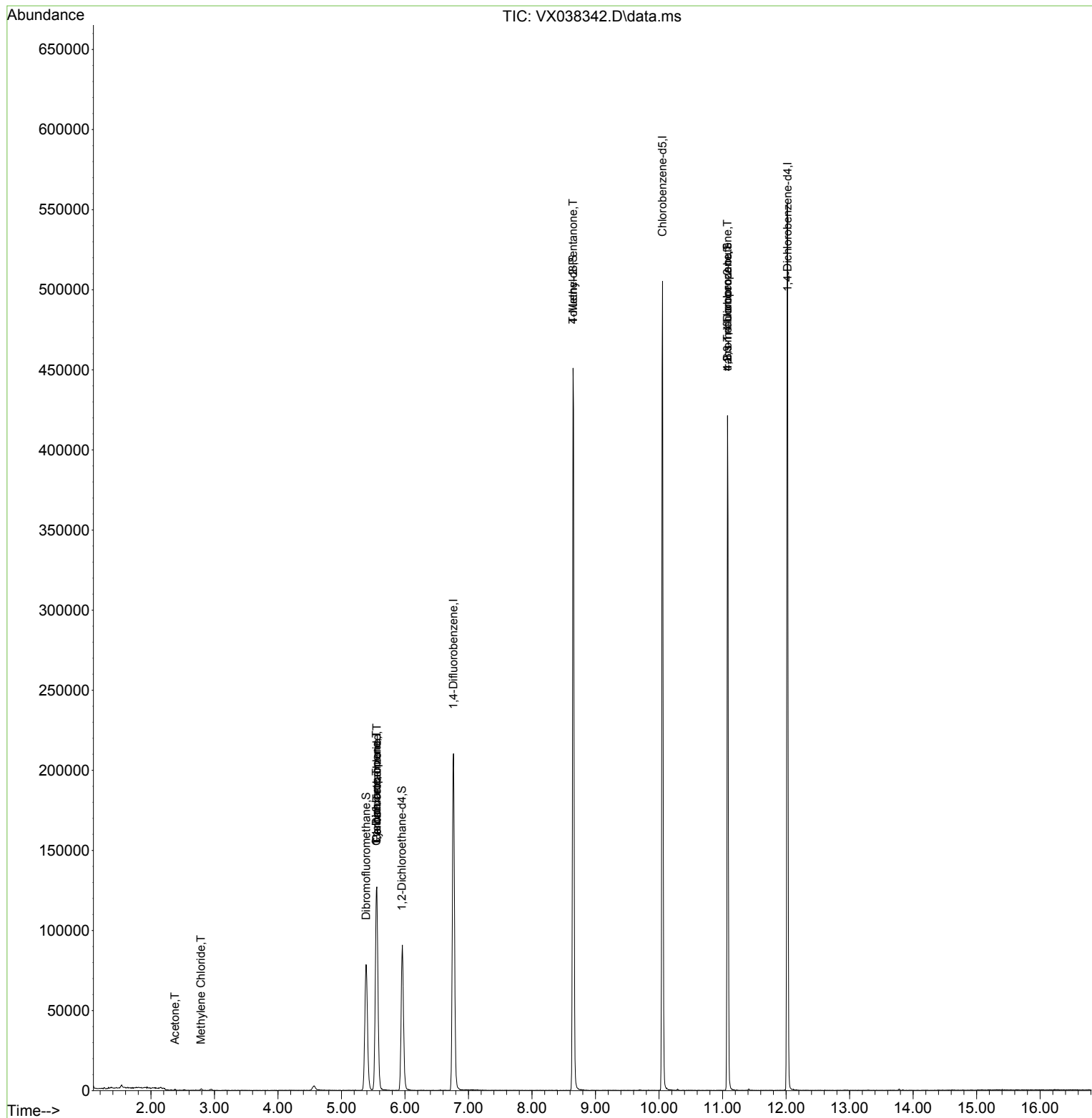
Internal Standards						
1) Pentafluorobenzene	5.556	168	119648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85204	44.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.540%
35) Dibromofluoromethane	5.385	113	68284	43.672	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.340%
50) Toluene-d8	8.647	98	272003	45.525	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.060%#
62) 4-Bromofluorobenzene	11.079	95	105440	46.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	22	Below Cal	#	3
6) Chloroethane	1.679	64	61	Below Cal	#	43
11) Tert butyl alcohol	2.934	59	487	Below Cal	#	78
16) Acetone	2.380	43	449	0.559	ug/l #	47
20) Methylene Chloride	2.788	84	436	0.289	ug/l #	68
31) Cyclohexane	5.550	56	2824	1.354	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9939	4.610	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12885	6.075	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1301	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57420	22.029	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57420	63.167	ug/l #	5

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

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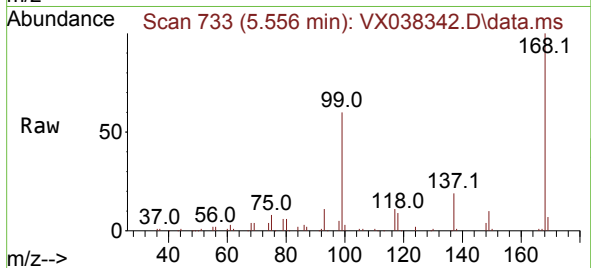
Quant Time: Oct 18 04:05:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



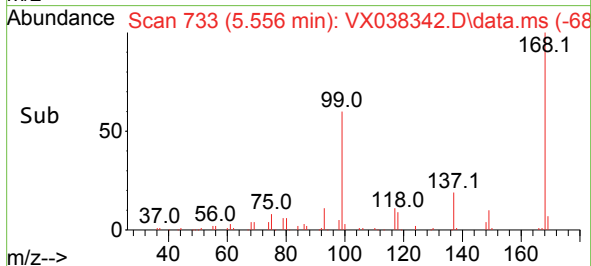
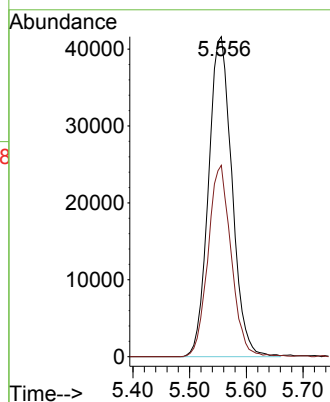


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

Instrument :
MSVOA_X
ClientSampleId :

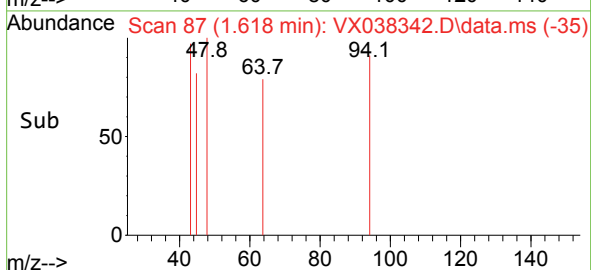
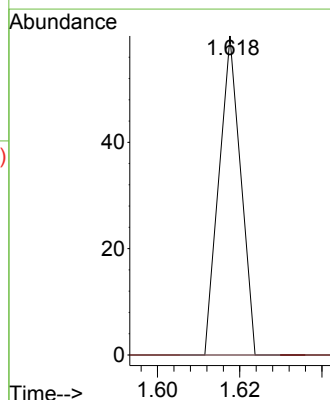
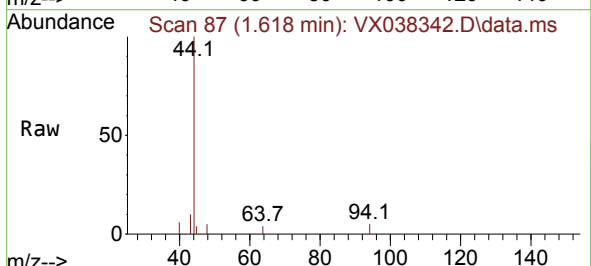


Tgt Ion:168 Resp: 119648
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

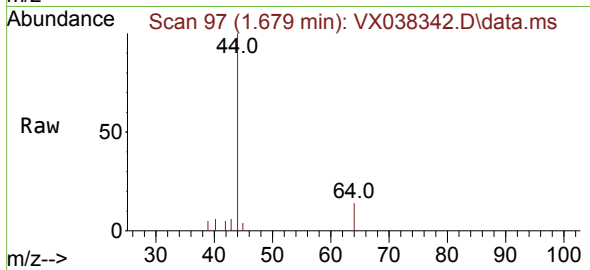
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



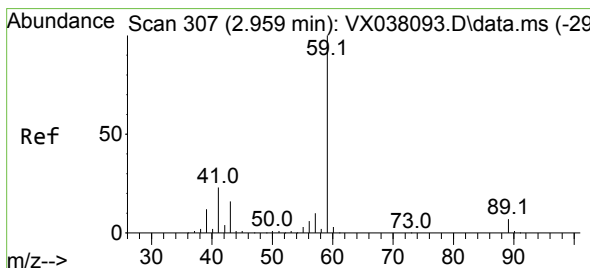
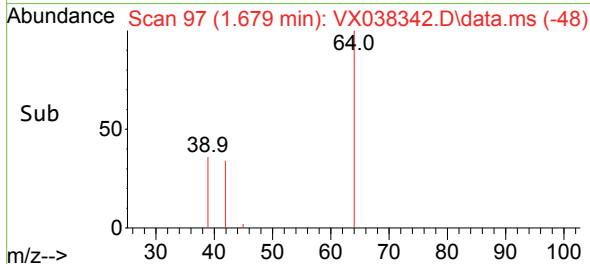
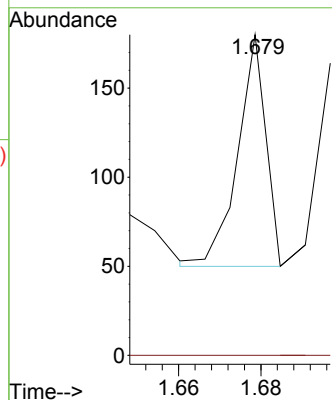


#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

Instrument :
MSVOA_X
ClientSampleId :

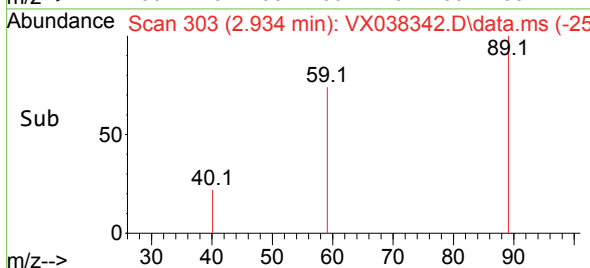
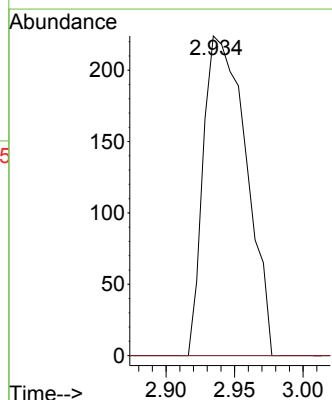
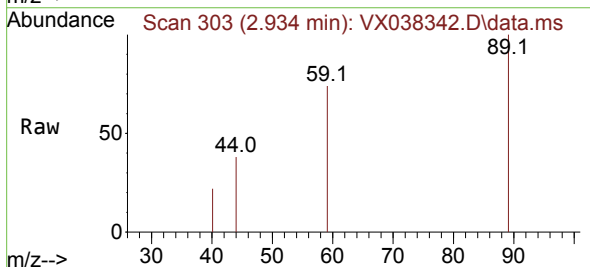


Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.025 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

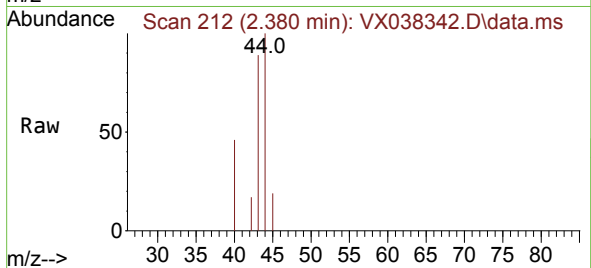
Tgt Ion: 59 Resp: 487
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



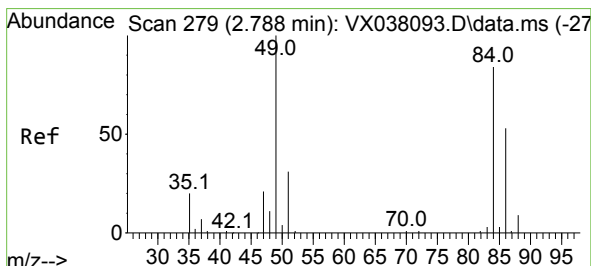
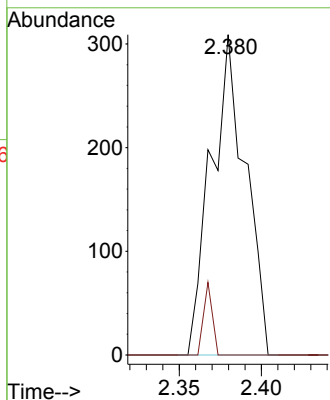
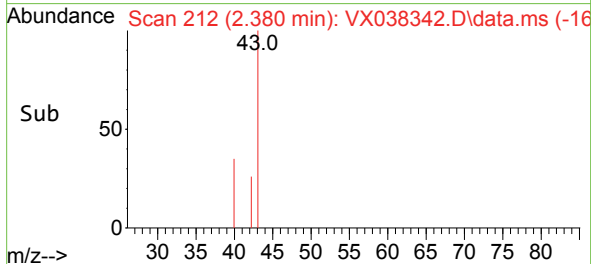


#16
Acetone
Concen: 0.559 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

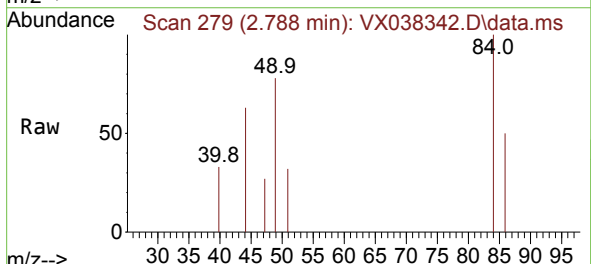
Instrument :
MSVOA_X
ClientSampleId :



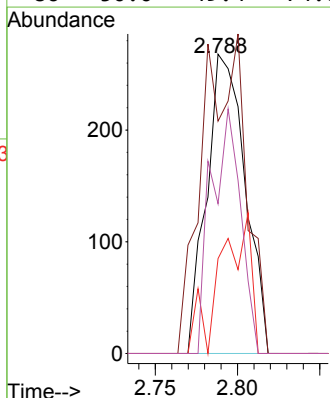
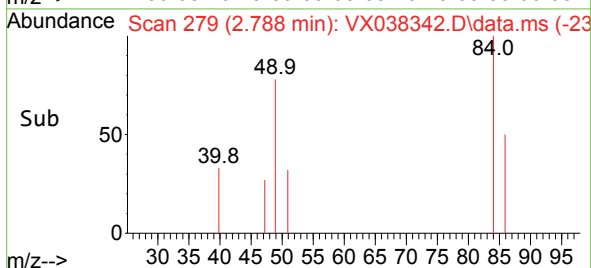
Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

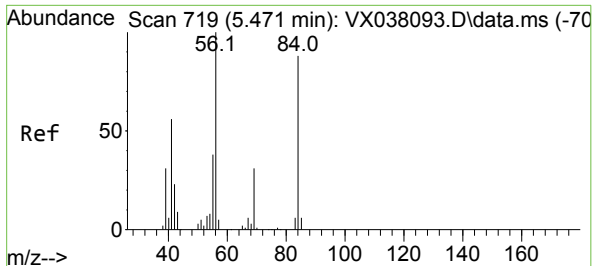


#20
Methylene Chloride
Concen: 0.289 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09



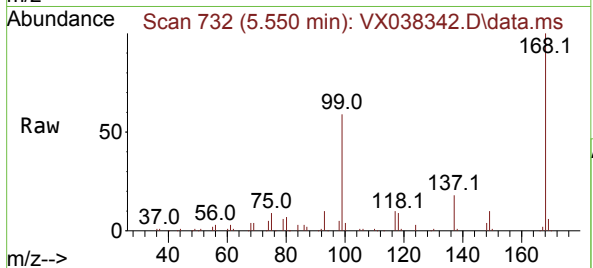
Tgt Ion: 84 Resp: 436
Ion Ratio Lower Upper
84 100
49 77.6 103.6 155.4#
51 31.7 33.8 50.6#
86 50.0 49.4 74.0



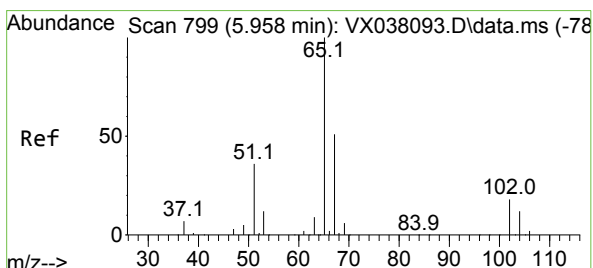
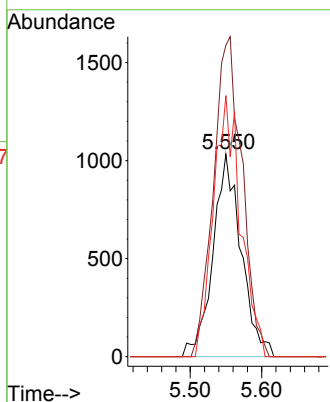
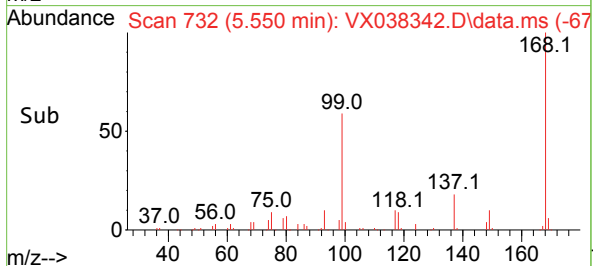


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

Instrument :
MSVOA_X
ClientSampleId :

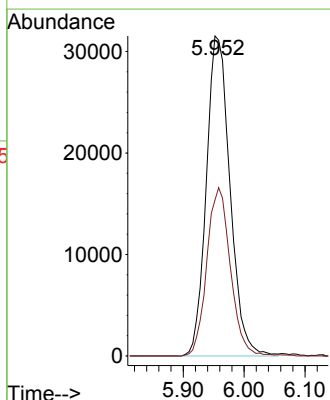
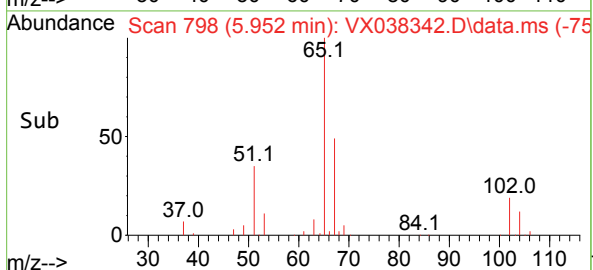
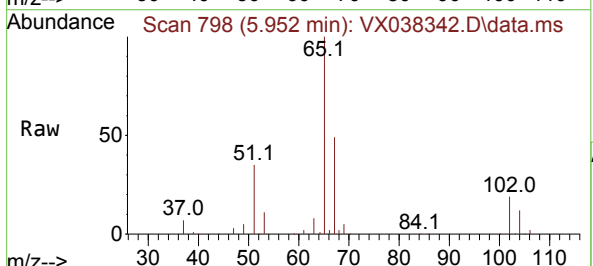


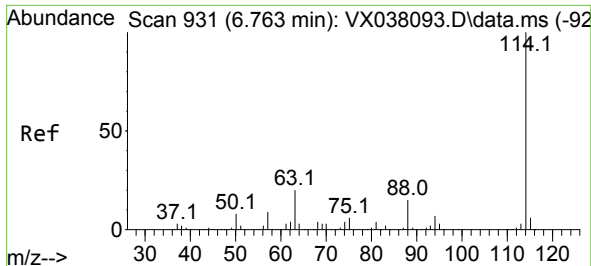
Tgt Ion: 56 Resp: 2824
Ion Ratio Lower Upper
56 100
69 154.0 23.4 35.2#
84 129.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.274 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

Tgt Ion: 65 Resp: 85204
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

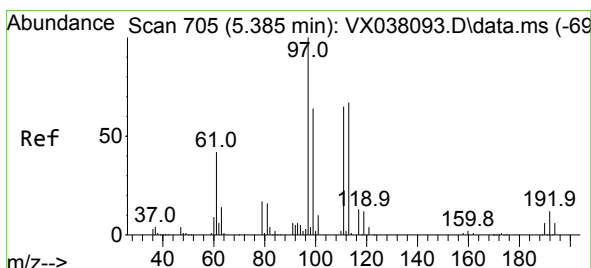
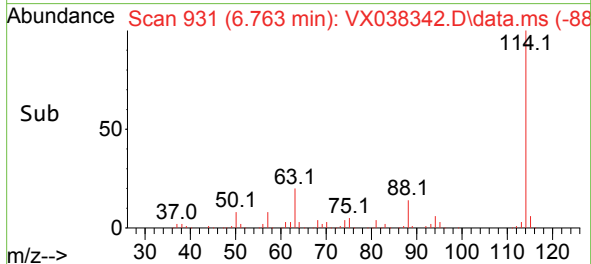
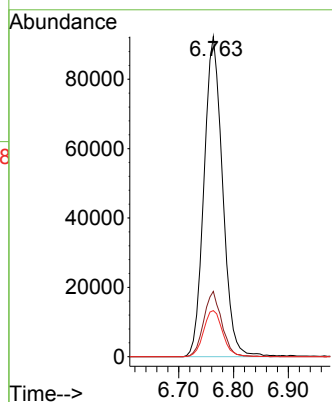
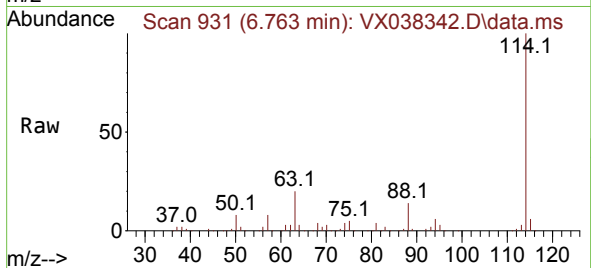




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

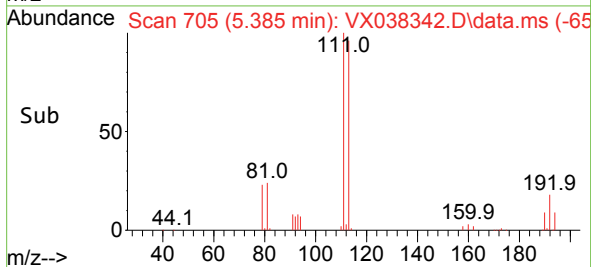
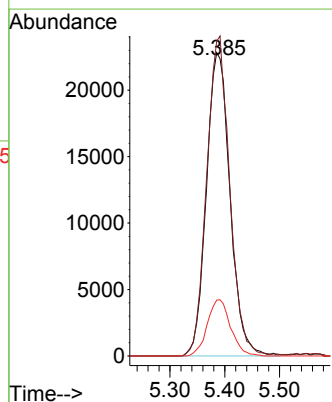
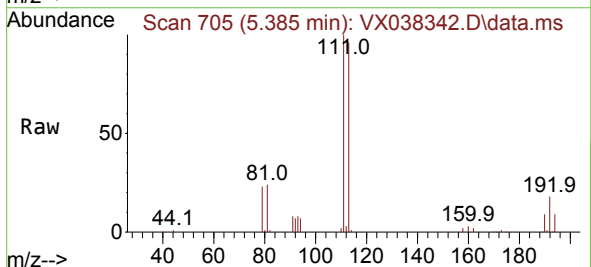
Instrument :
MSVOA_X
ClientSampleId :

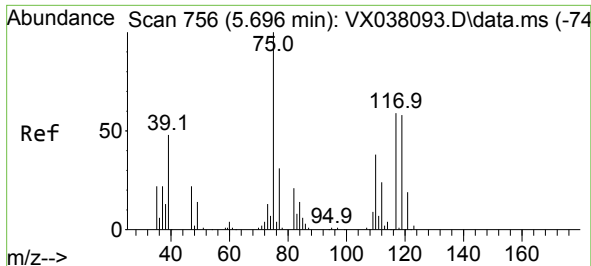
Tgt Ion:114 Resp: 216992
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.672 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

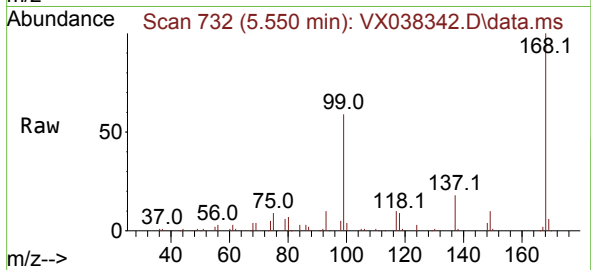
Tgt Ion:113 Resp: 68284
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.3 13.3 19.9



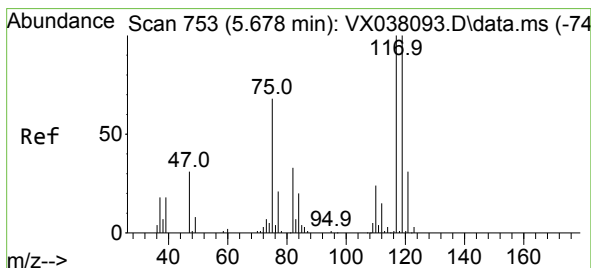
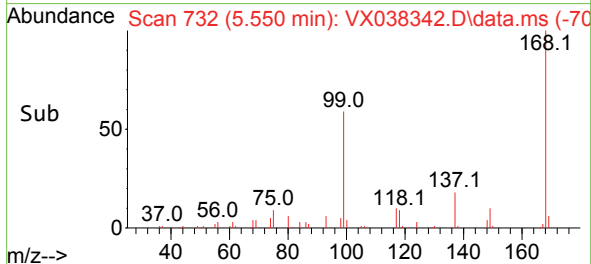
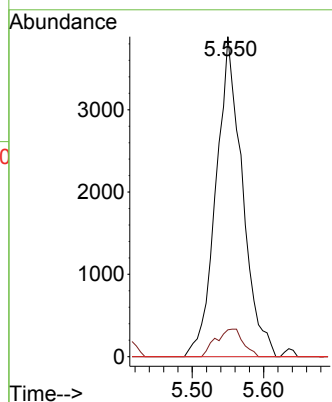


#36
 1,1-Dichloropropene
 Concen: 4.610 ug/l
 RT: 5.550 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX038342.D
 Acq: 17 Oct 2023 20:09

Instrument :
 MSVOA_X
 ClientSampleId :

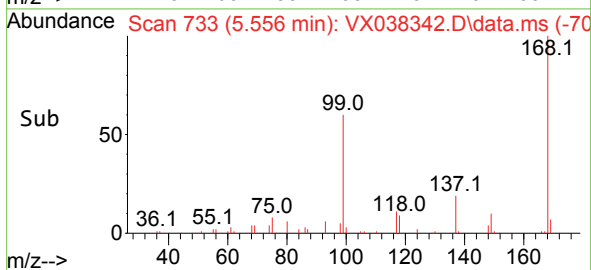
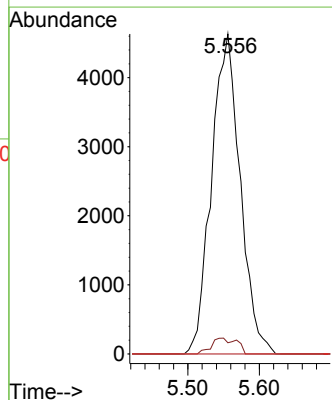
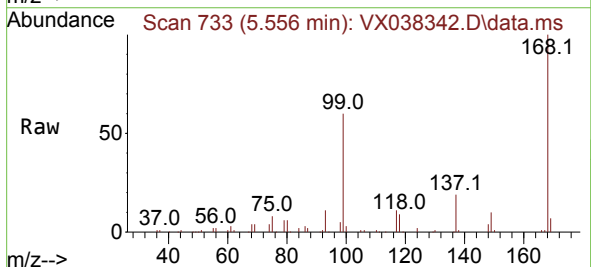


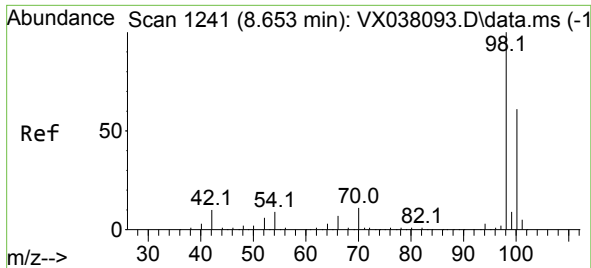
Tgt Ion: 75 Resp: 9939
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.075 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX038342.D
 Acq: 17 Oct 2023 20:09

Tgt Ion: 117 Resp: 12885
 Ion Ratio Lower Upper
 117 100
 119 3.5 78.2 117.2#
 121 0.0 24.4 36.6#

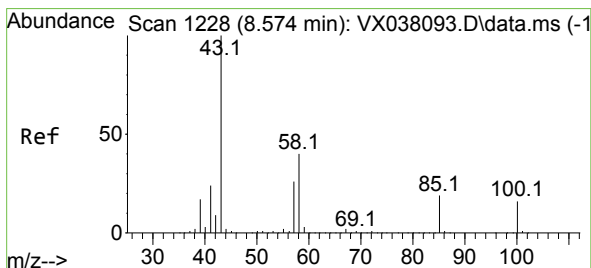
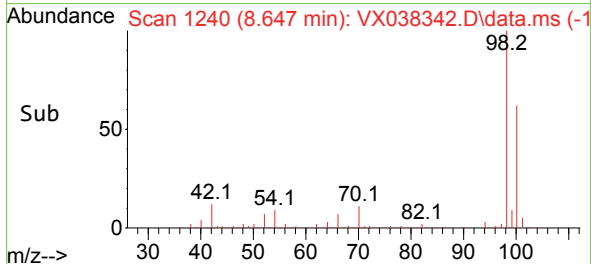
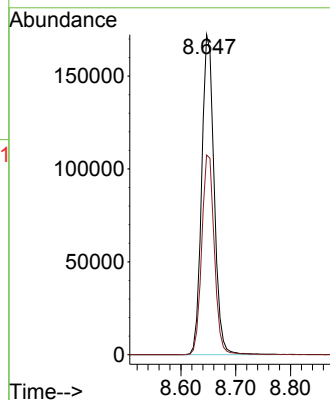
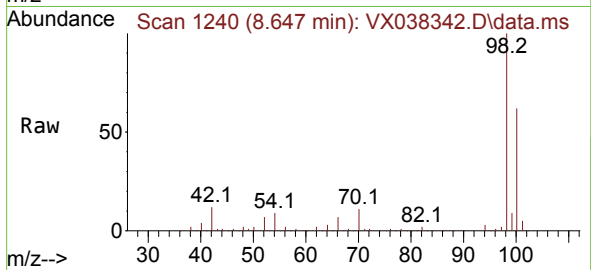




#50
Toluene-d8
Concen: 45.525 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

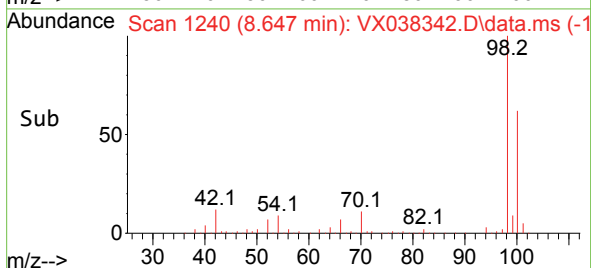
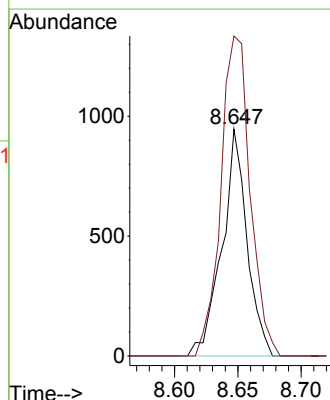
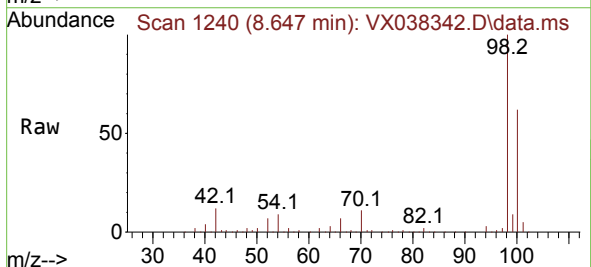
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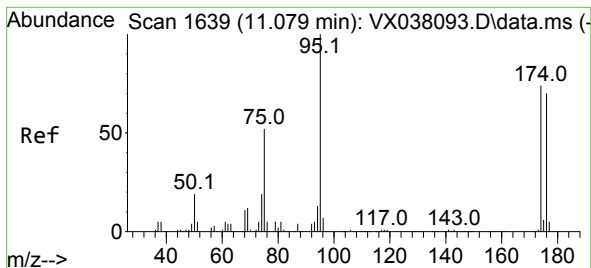
Tgt Ion: 98 Resp: 272003
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.493 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 165.4 30.4 45.6#

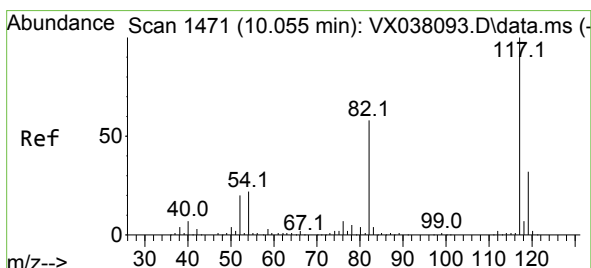
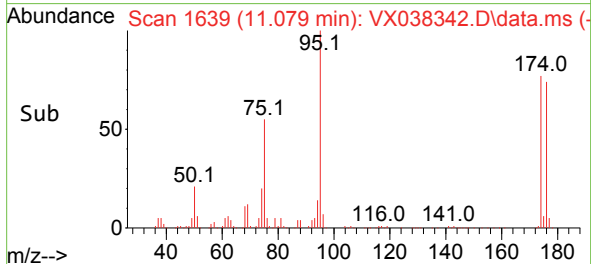
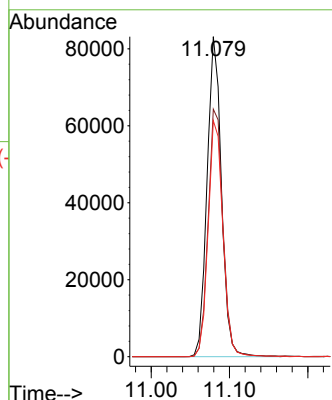
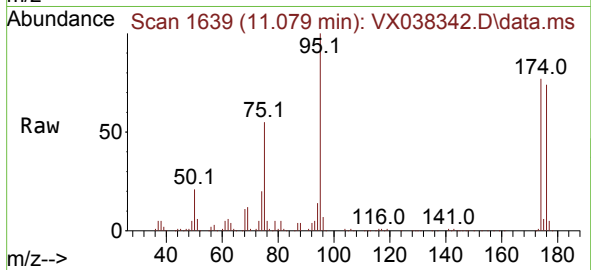




#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

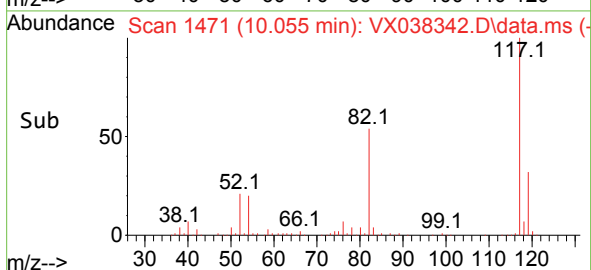
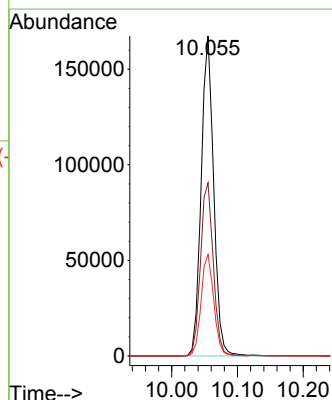
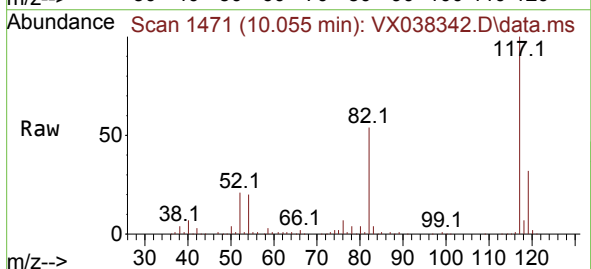
Instrument :
MSVOA_X
ClientSampleId :

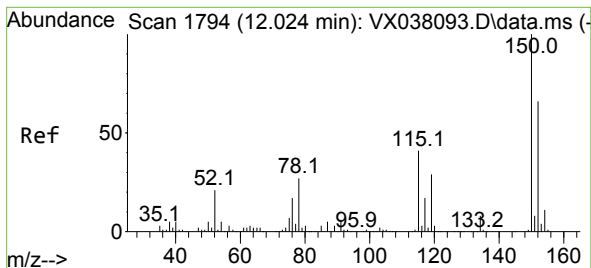
Tgt Ion: 95 Resp: 105440
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 75.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038342.D
Acq: 17 Oct 2023 20:09

Tgt Ion: 117 Resp: 221459
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038342.D

Acq: 17 Oct 2023 20:09

Instrument :

MSVOA_X

ClientSampleId :

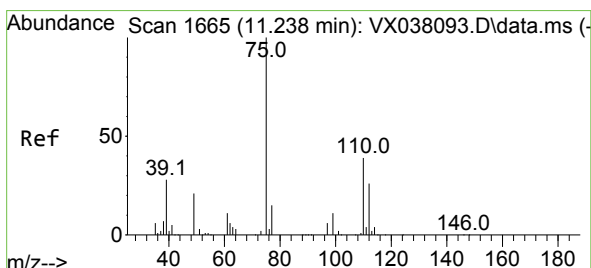
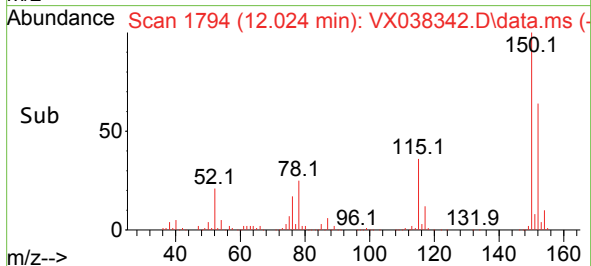
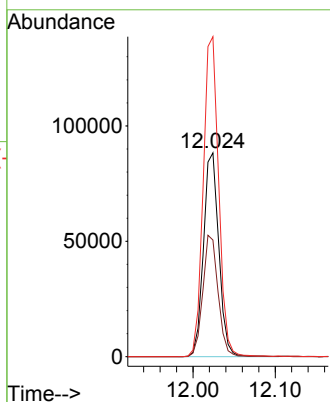
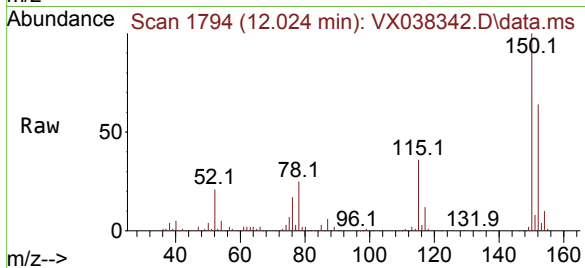
Tgt Ion:152 Resp: 114658

Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 157.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.029 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038342.D

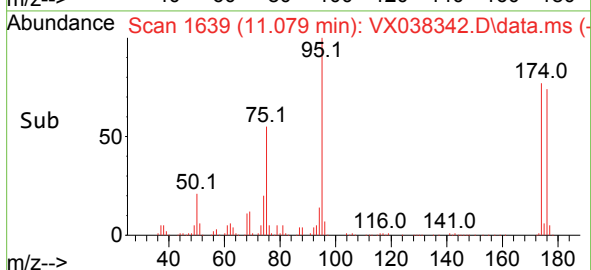
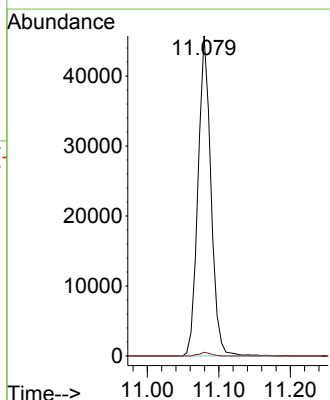
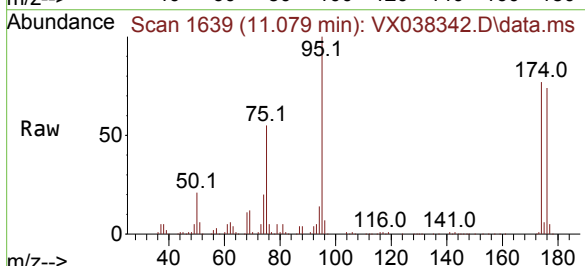
Acq: 17 Oct 2023 20:09

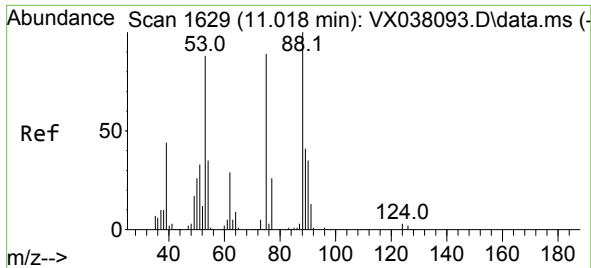
Tgt Ion: 75 Resp: 57420

Ion Ratio Lower Upper

75 100

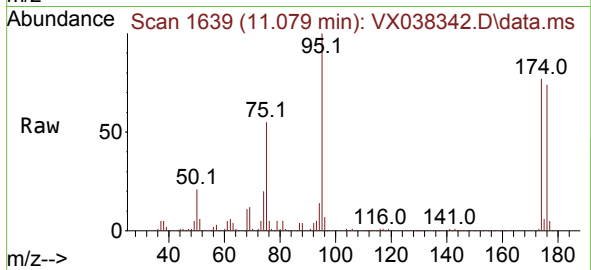
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.167 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038342.D
 Acq: 17 Oct 2023 20:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57420
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

