

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038125.D
 Acq On : 06 Oct 2023 13:01
 Operator : JC/MD
 Sample : 04693-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2

Quant Time: Oct 07 04:19:06 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)

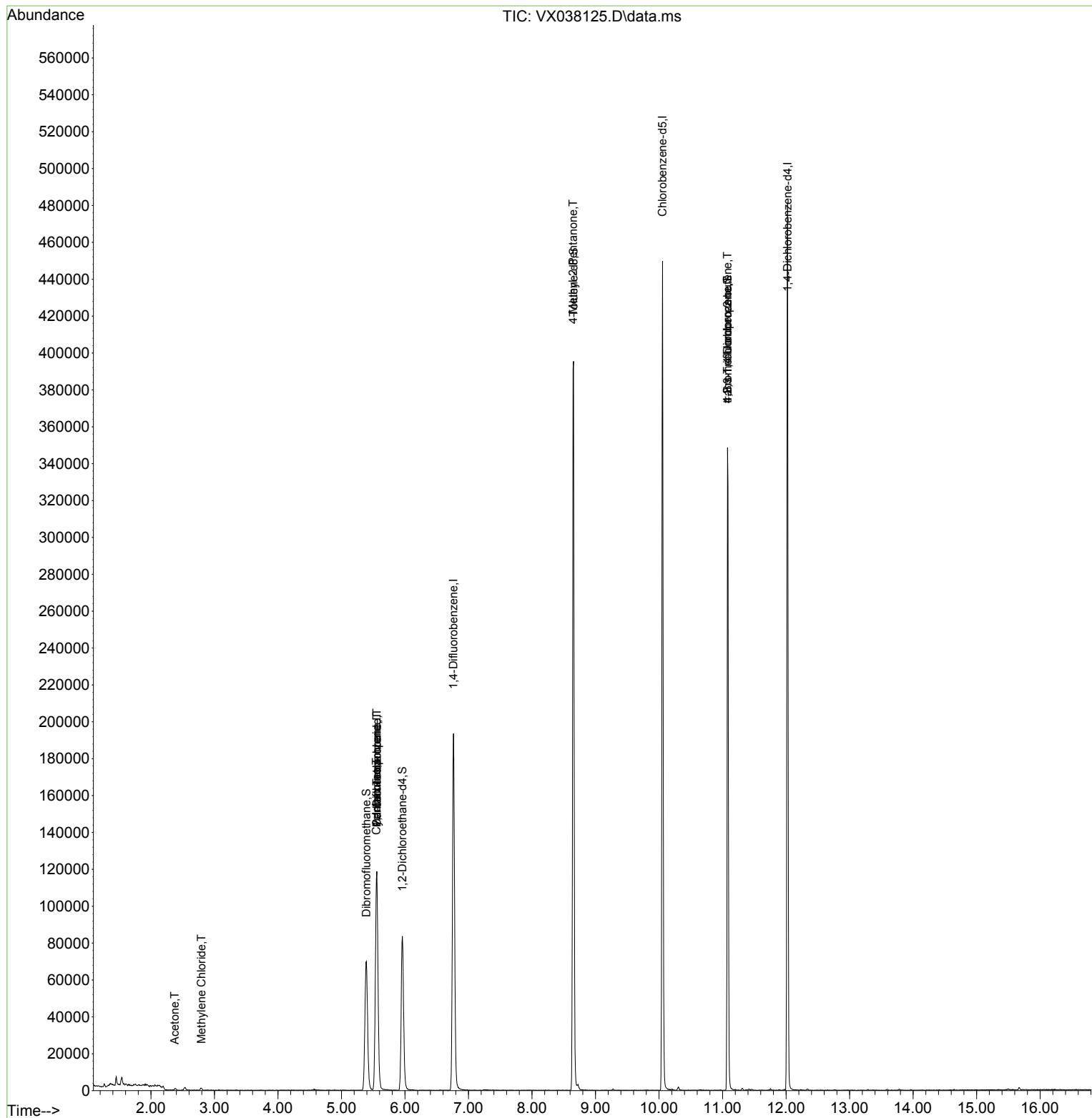
Internal Standards						
1) Pentafluorobenzene	5.556	168	109885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80310	45.439	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.880%
35) Dibromofluoromethane	5.391	113	60964	43.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.880%
50) Toluene-d8	8.653	98	242320	45.187	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.380%#
62) 4-Bromofluorobenzene	11.079	95	89959	44.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.500%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	20	Below Cal	#	3
6) Chloroethane	1.691	64	110	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	39	Below Cal	#	78
16) Acetone	2.373	43	901	1.221	ug/l #	79
20) Methylene Chloride	2.794	84	641	0.462	ug/l #	89
31) Cyclohexane	5.550	56	2932	1.531	ug/l #	49
36) 1,1-Dichloropropene	5.556	75	9294	4.803	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10859	5.704	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1079	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50409	22.833	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50409	65.326	ug/l #	5

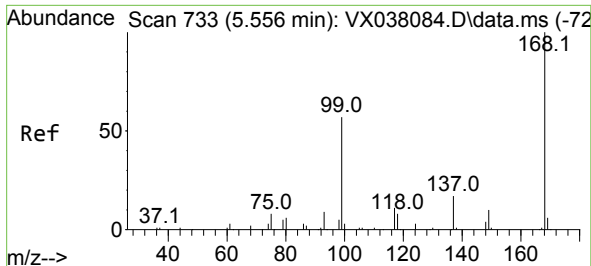
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
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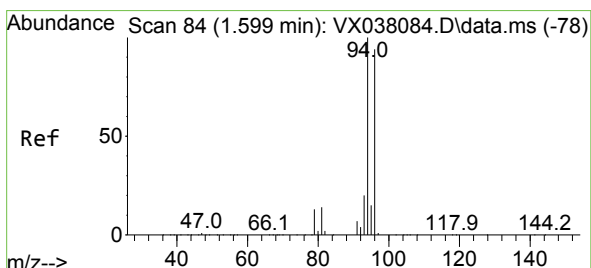
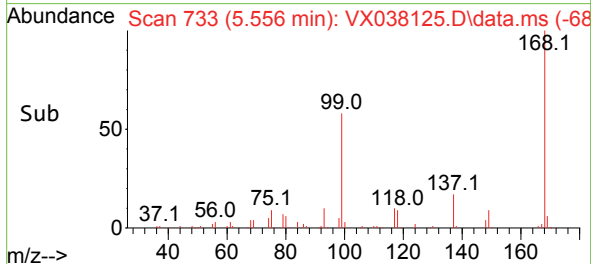
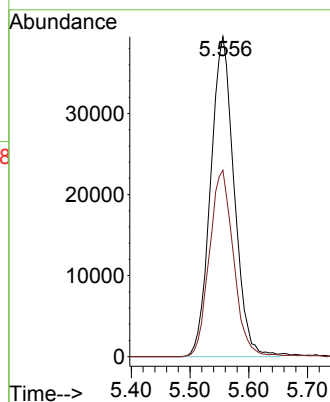
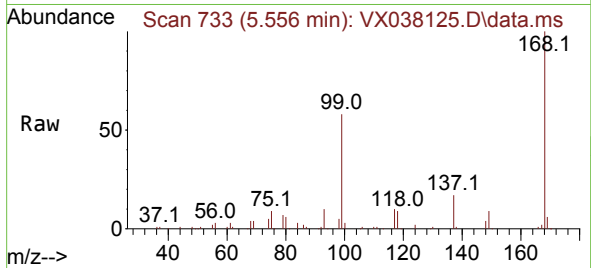




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

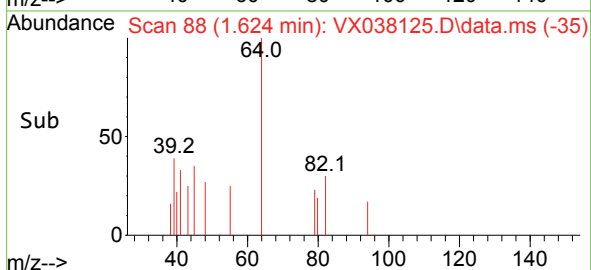
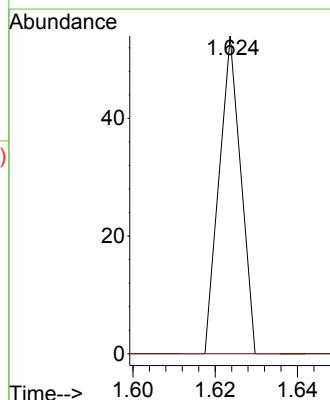
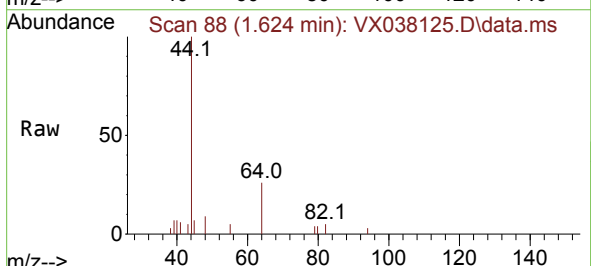
Instrument :
MSVOA_X
ClientSampleId :
TB-2

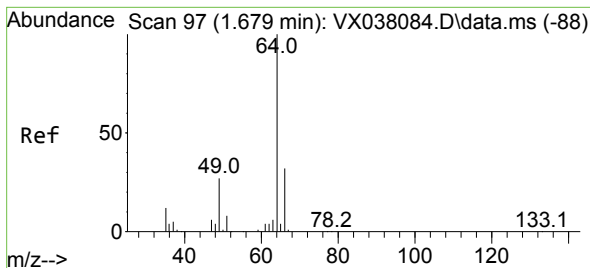
Tgt Ion:168 Resp: 109885
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 91

Delta R.T. 0.012 min

Lab File: VX038125.D

Acq: 06 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

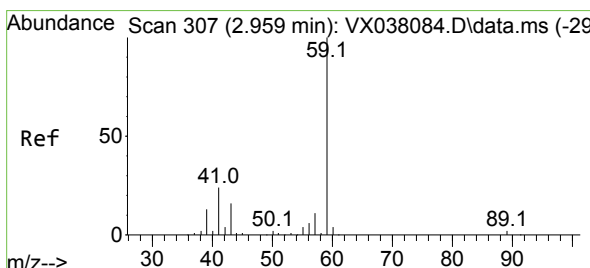
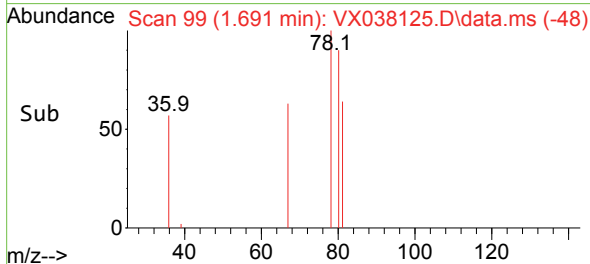
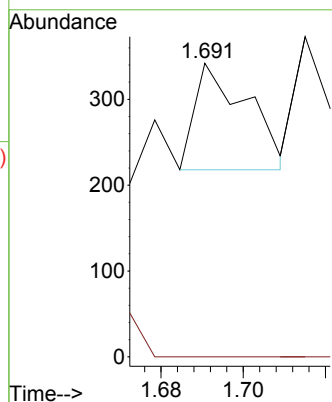
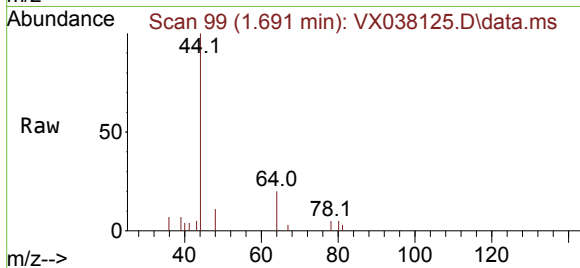
TB-2

Tgt Ion: 64 Resp: 110

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.012 min

Lab File: VX038125.D

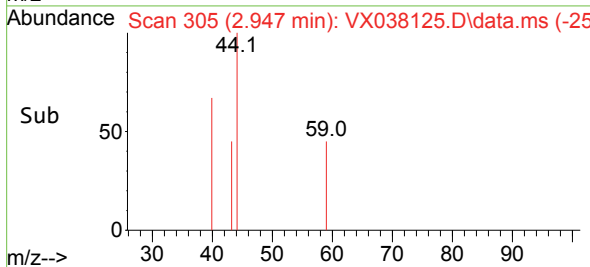
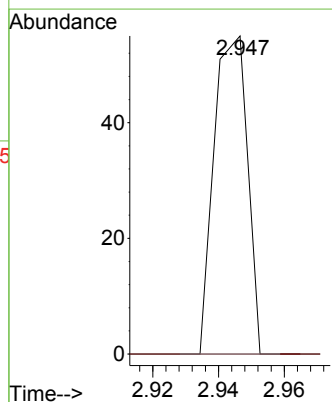
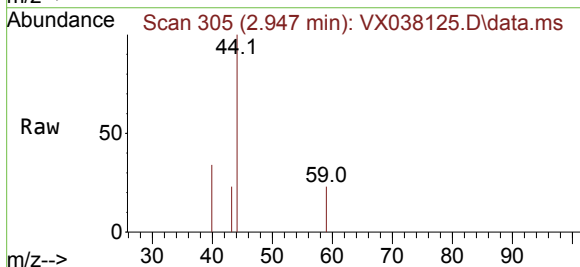
Acq: 06 Oct 2023 13:01

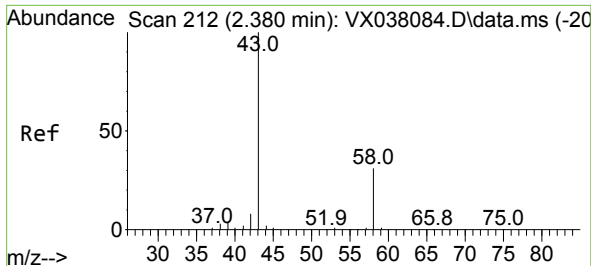
Tgt Ion: 59 Resp: 39

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.221 ug/l

RT: 2.373 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX038125.D

Acq: 06 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

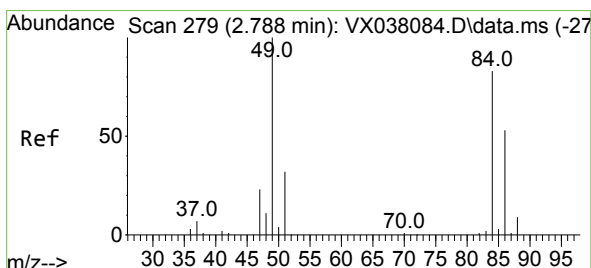
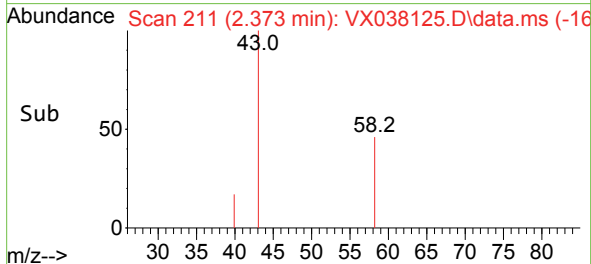
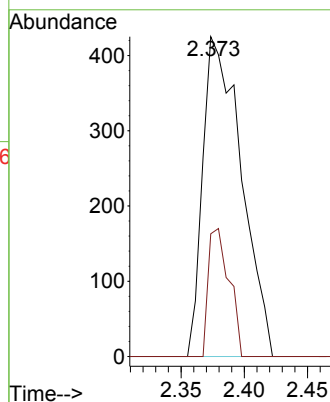
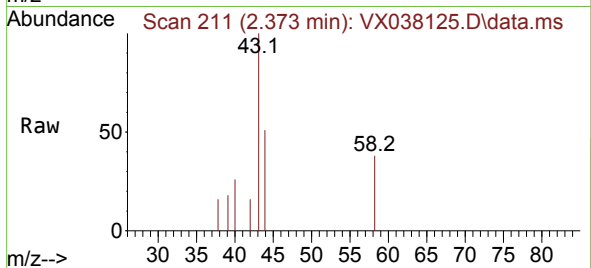
TB-2

Tgt Ion: 43 Resp: 901

Ion Ratio Lower Upper

43 100

58 38.4 21.9 32.9#



#20

Methylene Chloride

Concen: 0.462 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038125.D

Acq: 06 Oct 2023 13:01

Tgt Ion: 84 Resp: 641

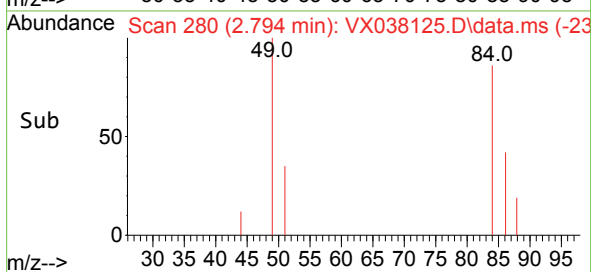
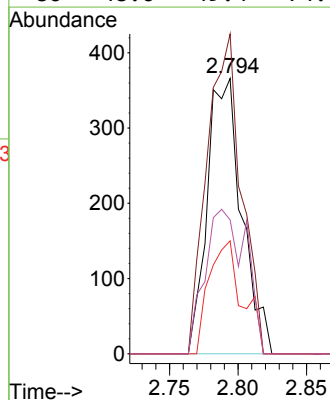
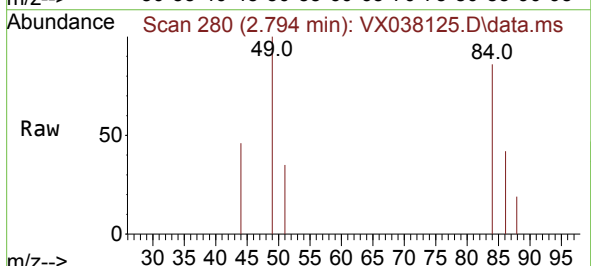
Ion Ratio Lower Upper

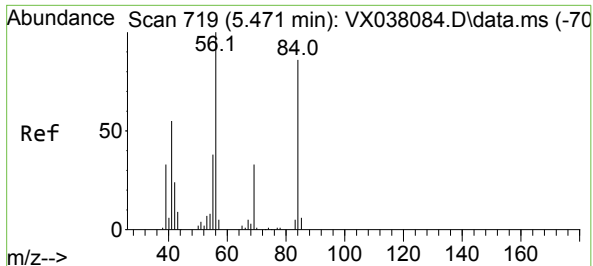
84 100

49 116.1 103.6 155.4

51 41.0 33.8 50.6

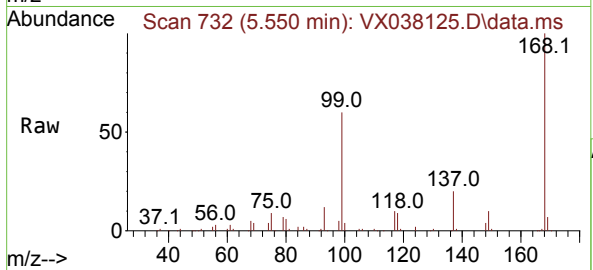
86 48.6 49.4 74.0#



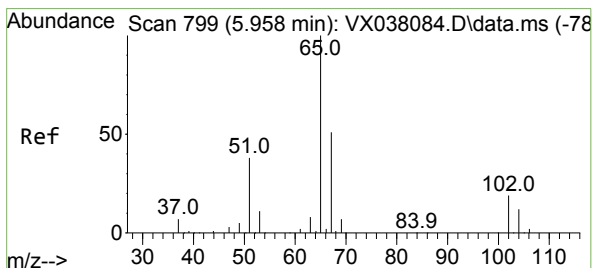
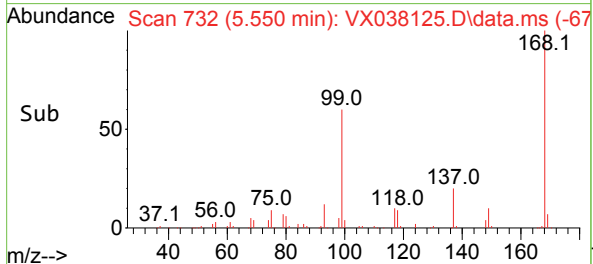
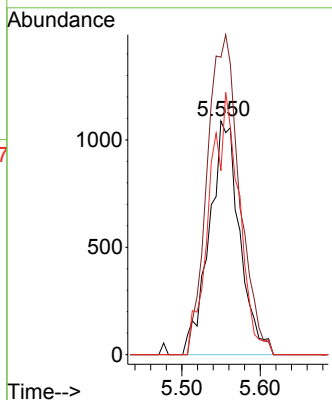


#31
Cyclohexane
Concen: 1.531 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2

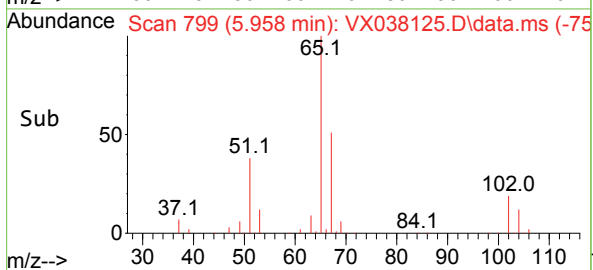
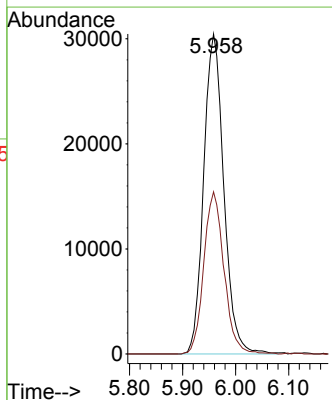
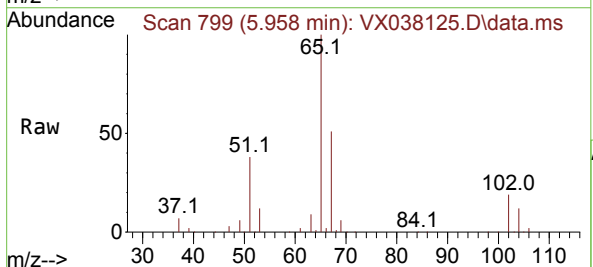


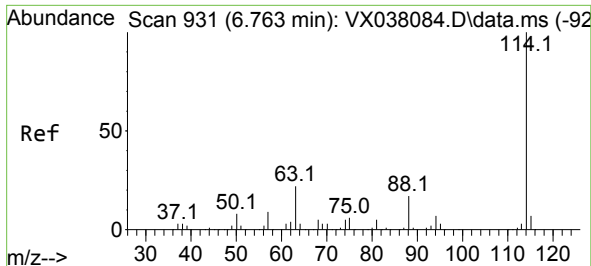
Tgt Ion: 56 Resp: 2932
Ion Ratio Lower Upper
56 100
69 127.3 23.4 35.2#
84 78.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.439 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

Tgt Ion: 65 Resp: 80310
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

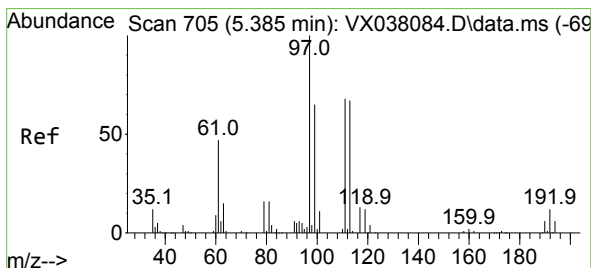
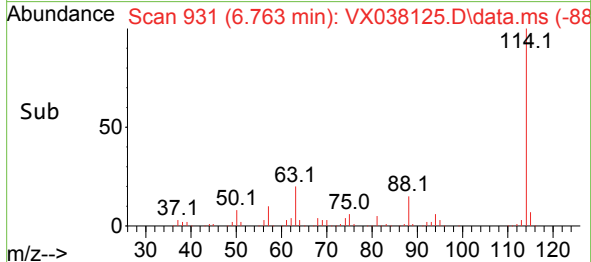
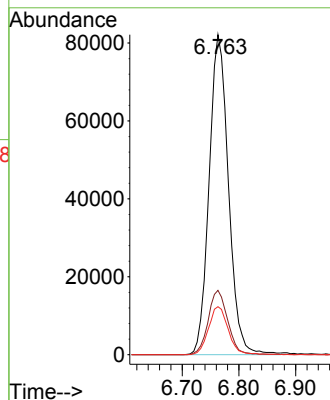
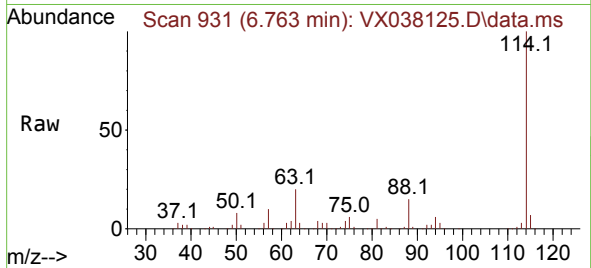




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

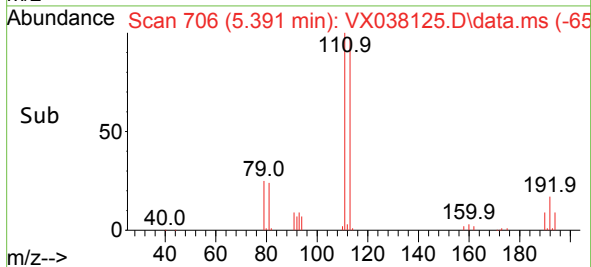
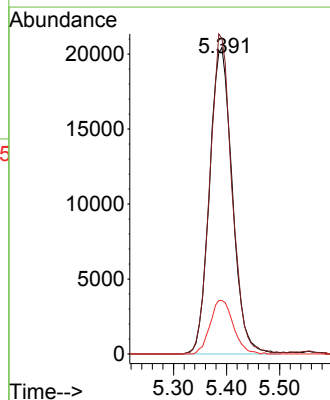
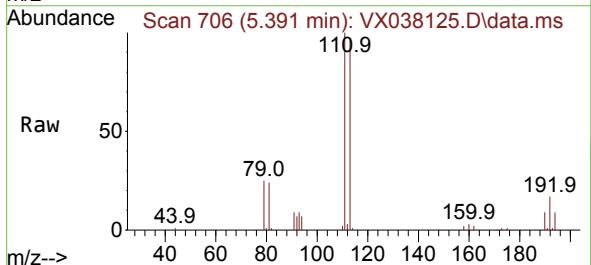
Instrument :
MSVOA_X
ClientSampleId :
TB-2

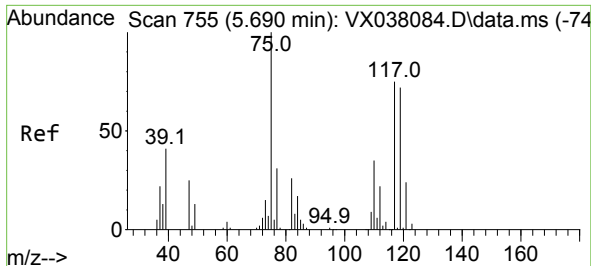
Tgt Ion:114 Resp: 194760
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.441 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

Tgt Ion:113 Resp: 60964
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 17.9 13.3 19.9

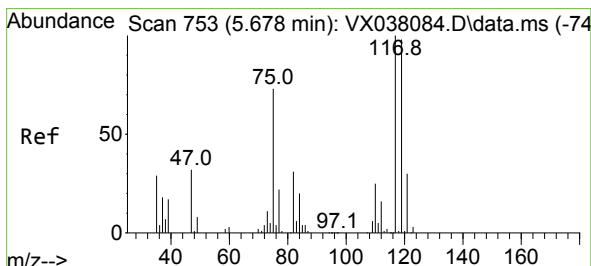
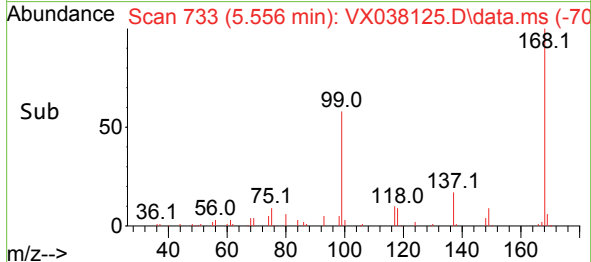
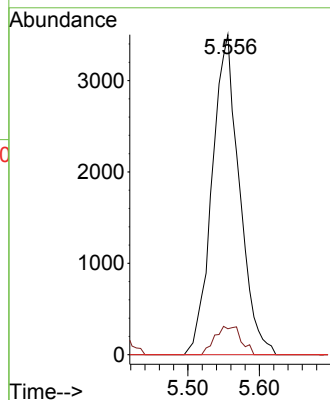
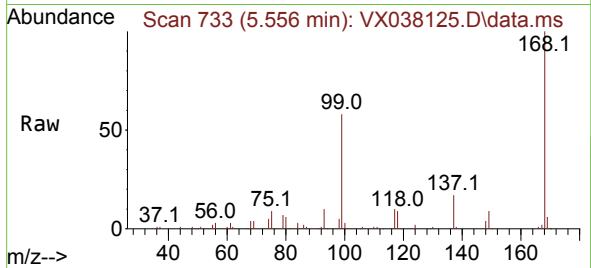




#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

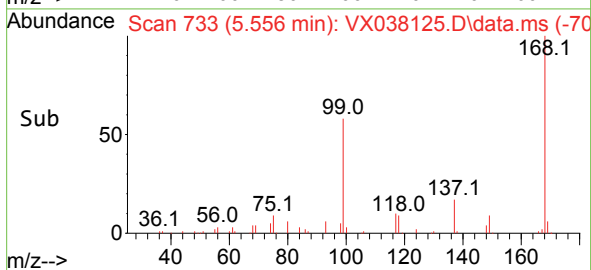
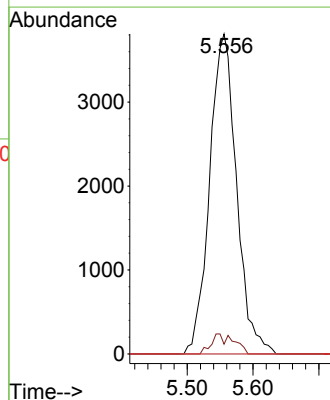
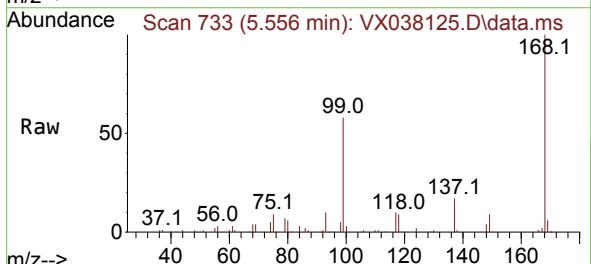
Instrument :
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ClientSampleId :
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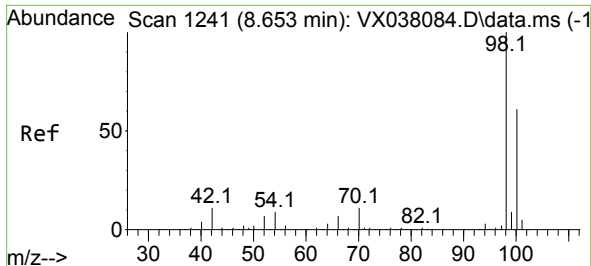
Tgt Ion: 75 Resp: 9294
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

Tgt Ion: 117 Resp: 10859
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#

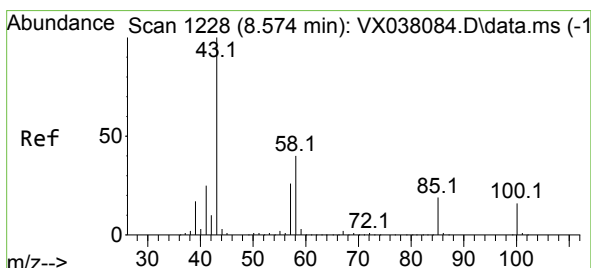
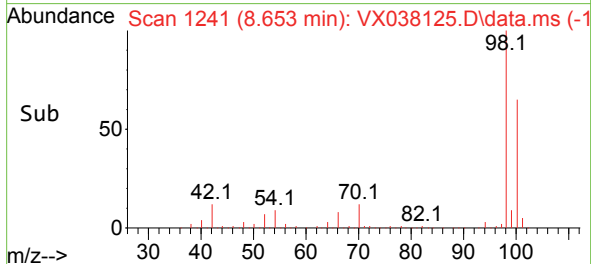
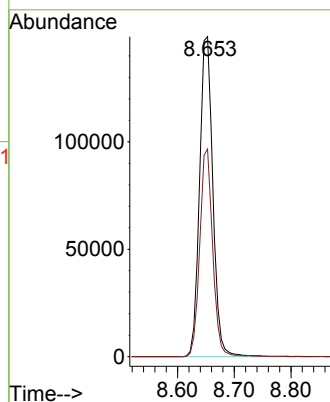
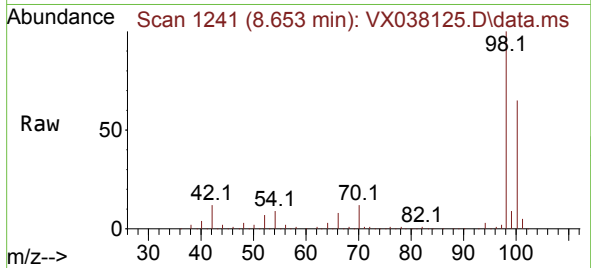




#50
Toluene-d8
Concen: 45.187 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

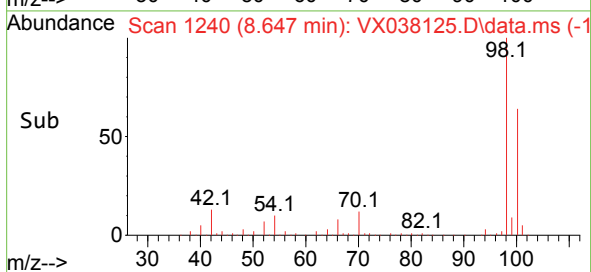
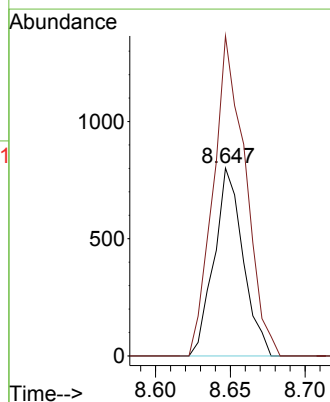
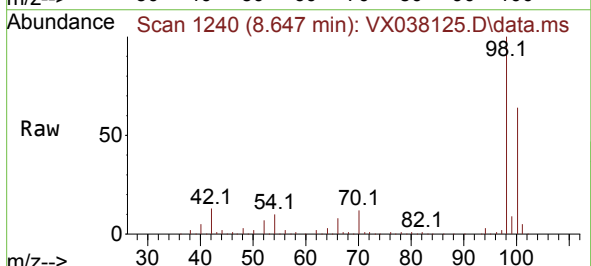
Instrument :
MSVOA_X
ClientSampleId :
TB-2

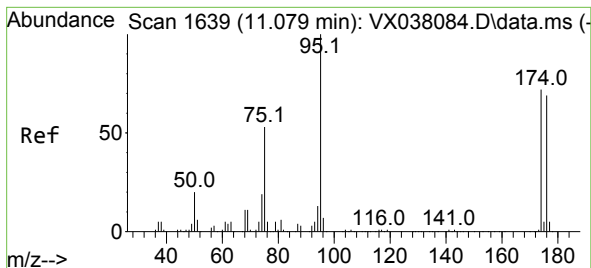
Tgt Ion: 98 Resp: 242320
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
58 188.5 30.4 45.6#

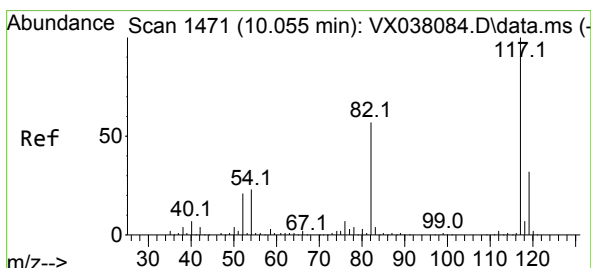
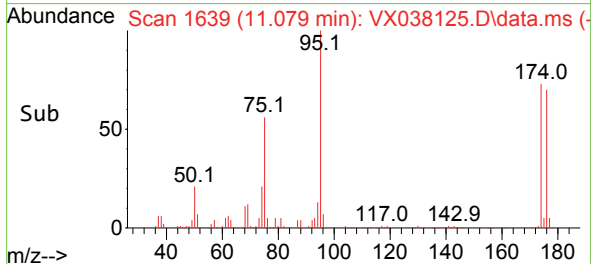
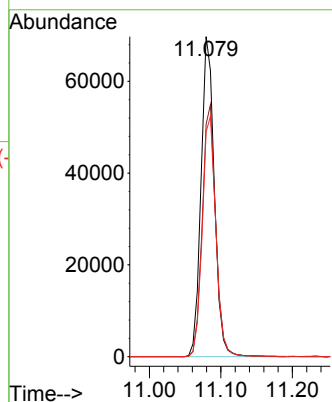
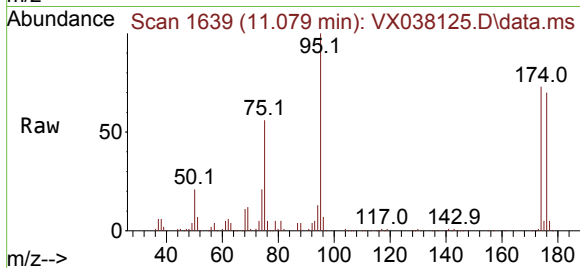




#62
4-Bromofluorobenzene
Concen: 44.249 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

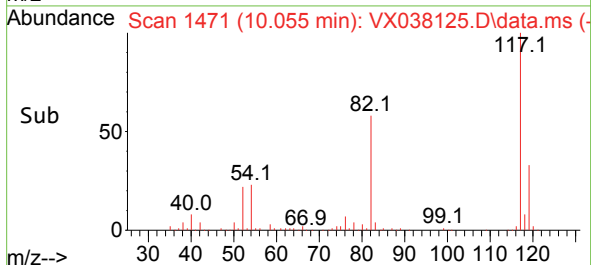
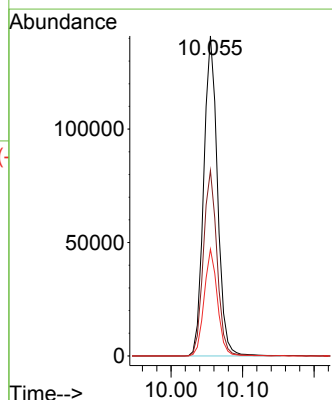
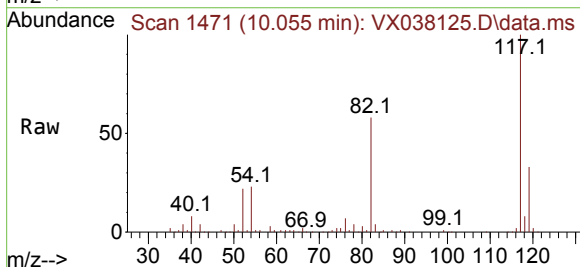
Instrument :
MSVOA_X
ClientSampleId :
TB-2

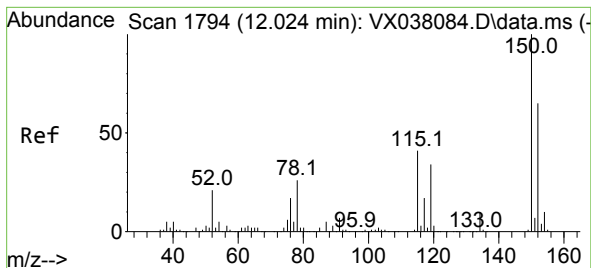
Tgt Ion: 95 Resp: 89959
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 77.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

Tgt Ion: 117 Resp: 189002
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 33.4 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: VX038125.D

Acq: 06 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

TB-2

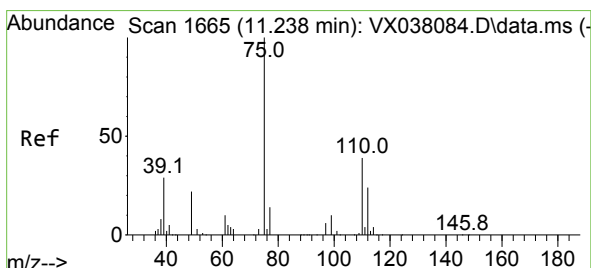
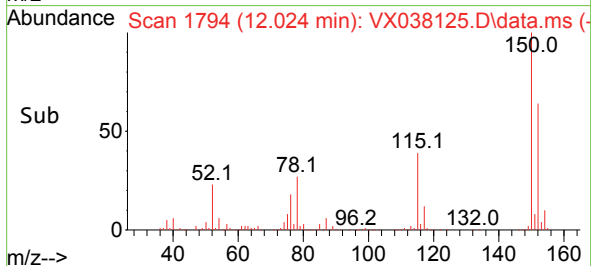
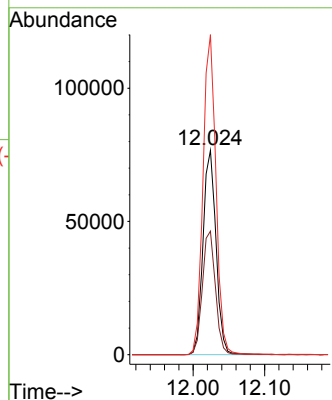
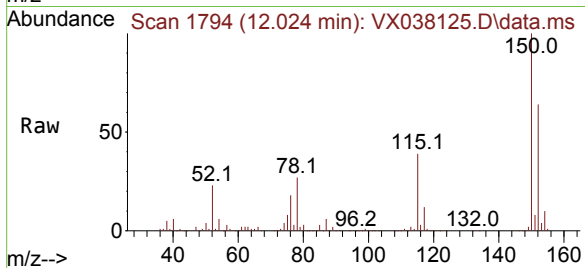
Tgt Ion:152 Resp: 97113

Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 155.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.833 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038125.D

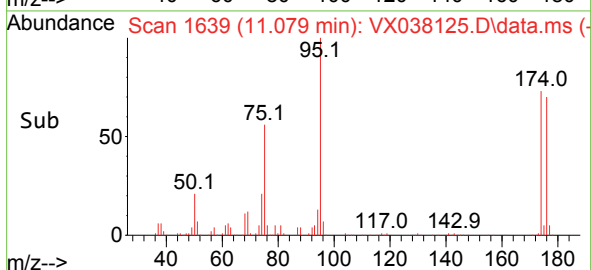
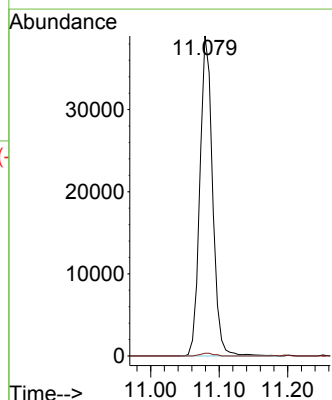
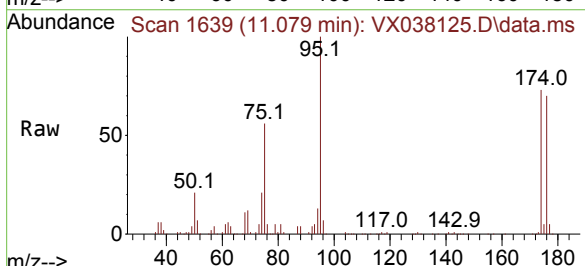
Acq: 06 Oct 2023 13:01

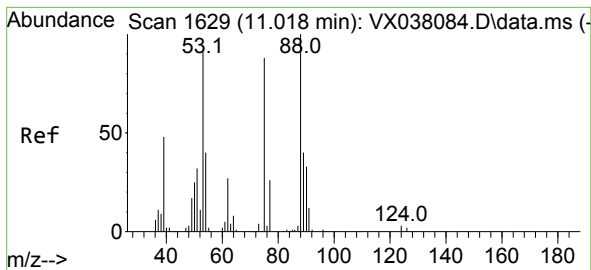
Tgt Ion: 75 Resp: 50409

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.326 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038125.D
Acq: 06 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
TB-2

Tgt Ion: 75 Resp: 50409
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

