

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038267.D
 Acq On : 12 Oct 2023 19:18
 Operator : JC/MD
 Sample : 04875-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:54:47 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)

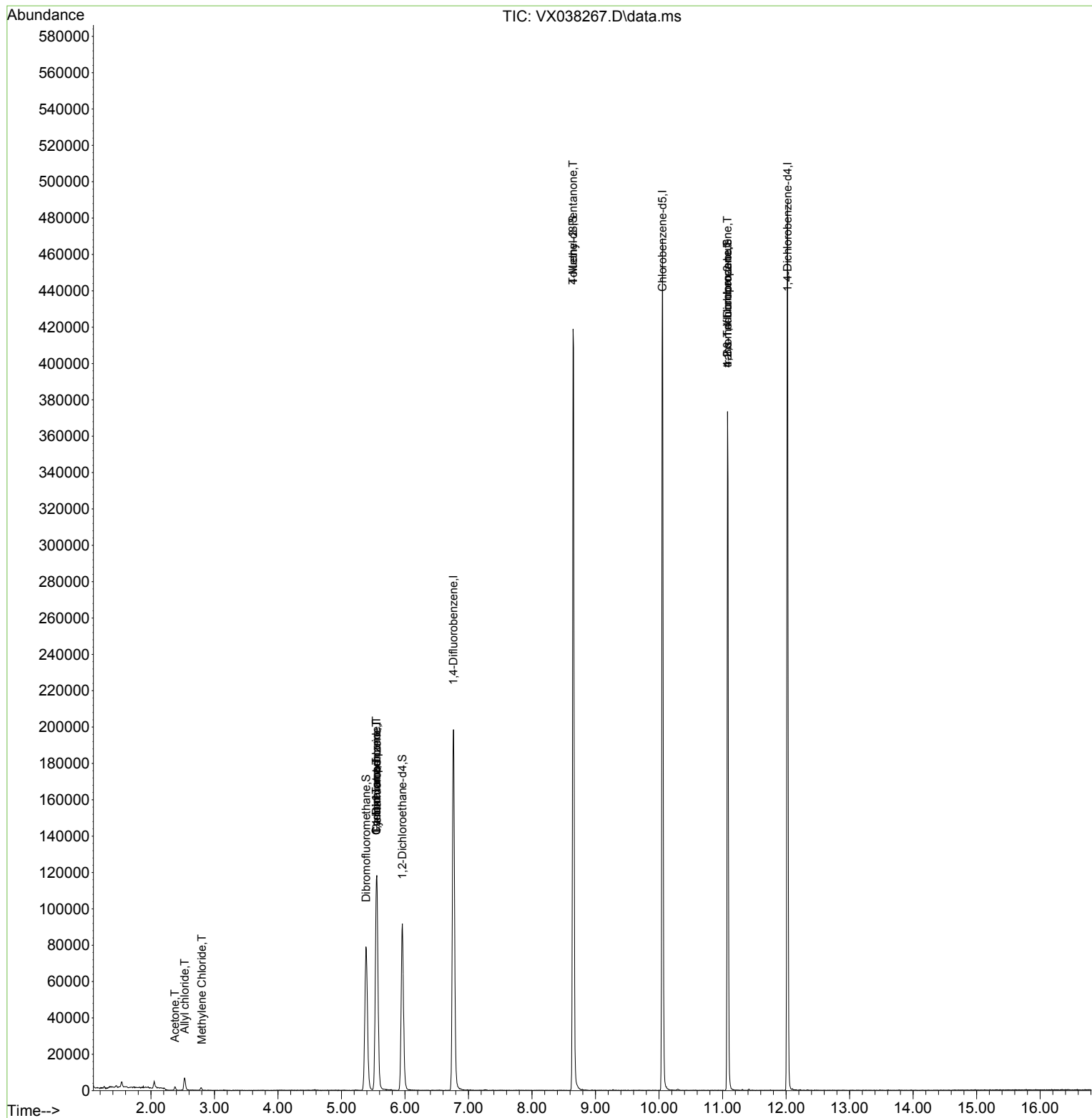
Internal Standards						
1) Pentafluorobenzene	5.556	168	112417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85450	47.258	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.520%
35) Dibromofluoromethane	5.385	113	67137	45.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.647	98	259087	45.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	92967	43.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.532	94	110	Below Cal	#	3
6) Chloroethane	1.672	64	87	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	46	Below Cal	#	78
14) Allyl chloride	2.532	41	817	0.444	ug/l #	57
16) Acetone	2.379	43	1800	2.385	ug/l #	83
20) Methylene Chloride	2.800	84	700	0.493	ug/l #	63
31) Cyclohexane	5.550	56	2688	1.372	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	9506	4.669	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11797	5.890	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1121	0.450	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51835	22.609	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51835	64.725	ug/l #	5

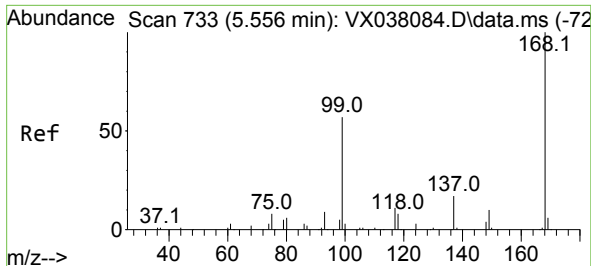
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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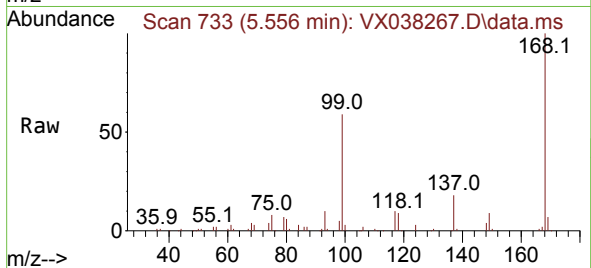
Quant Time: Oct 13 04:54:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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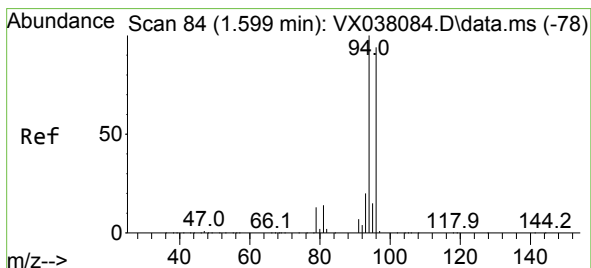
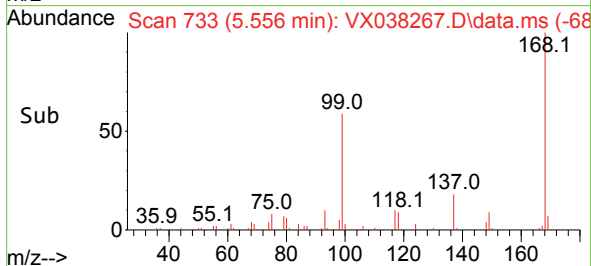
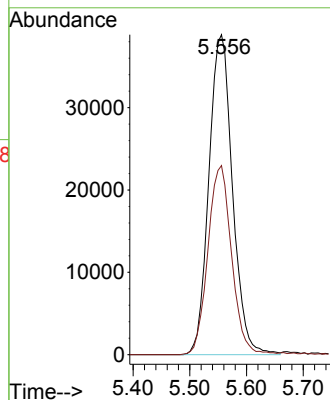


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :

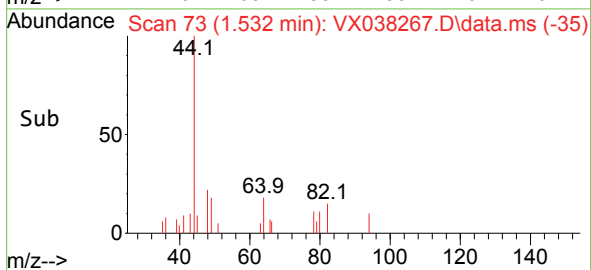
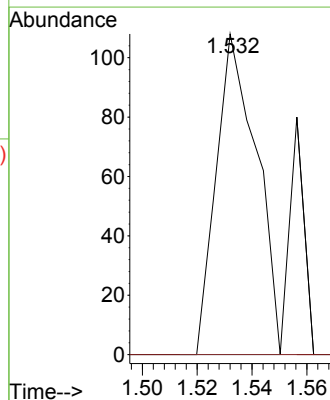
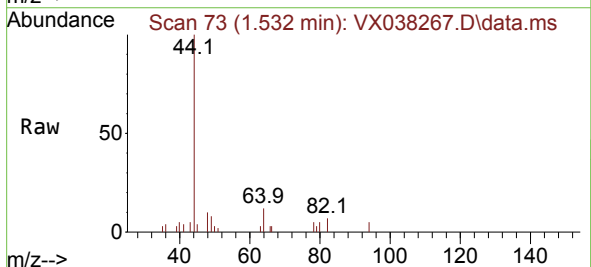


Tgt Ion:168 Resp: 112417
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.532 min Scan# 73
Delta R.T. -0.067 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

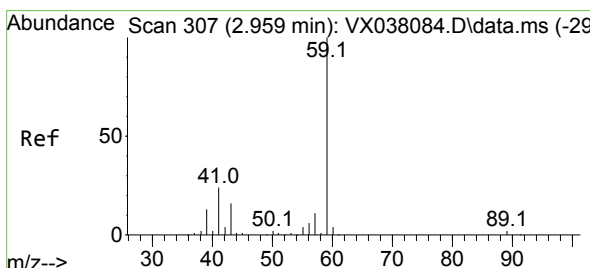
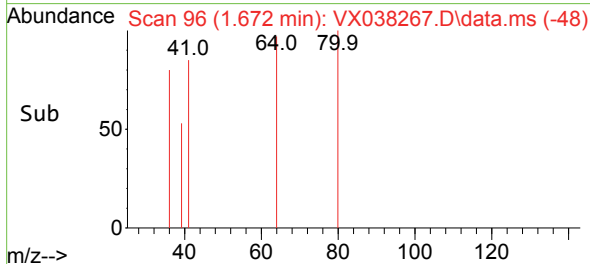
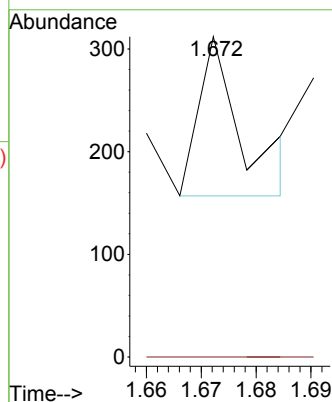
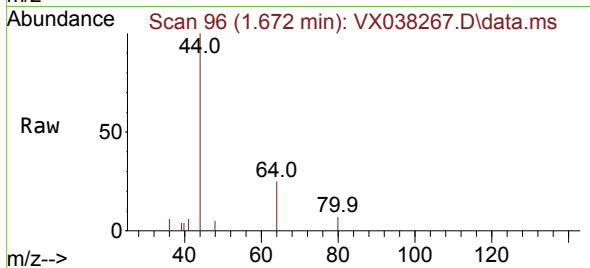




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

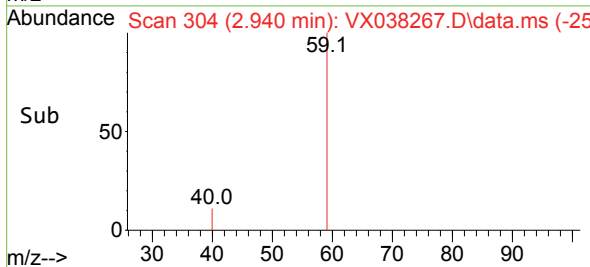
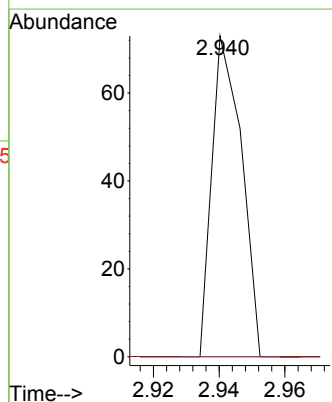
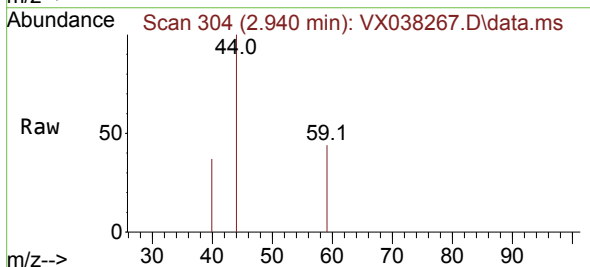
Instrument :
MSVOA_X
ClientSampleId :

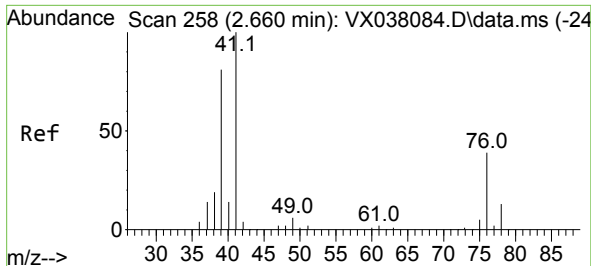
Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#14

Allyl chloride

Concen: 0.444 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.128 min

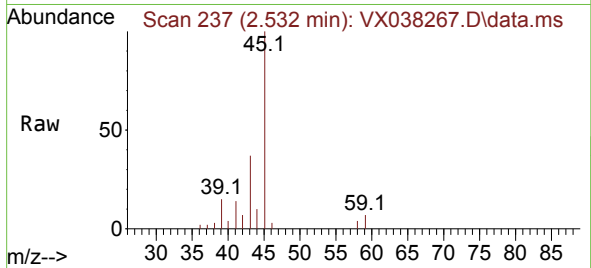
Lab File: VX038267.D

Acq: 12 Oct 2023 19:18

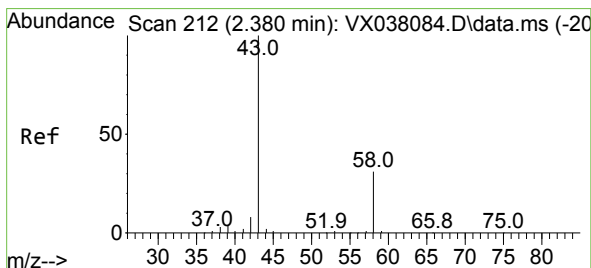
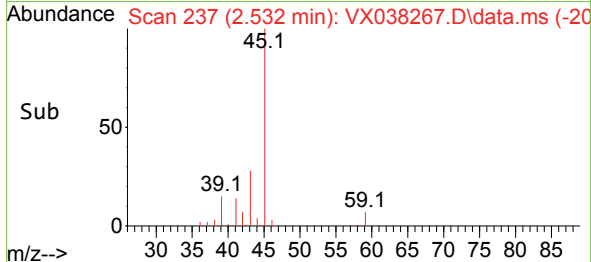
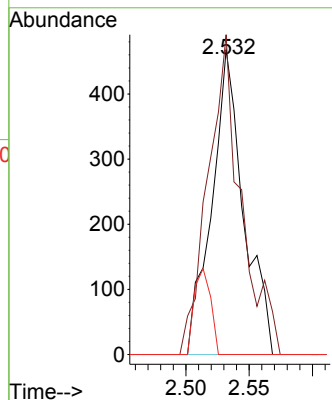
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 41	Resp: 817
Ion Ratio	Lower Upper
41 100	
39 109.4	55.8 83.6#
76 14.6	24.3 36.5#



#16

Acetone

Concen: 2.385 ug/l

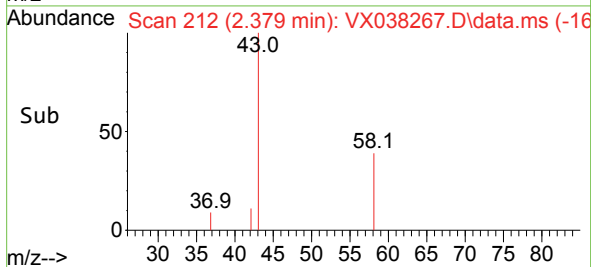
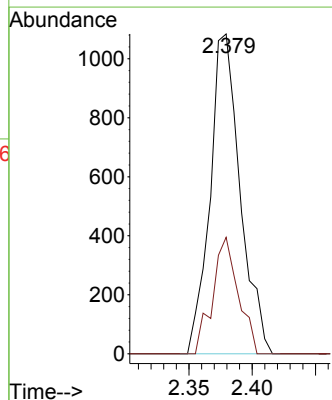
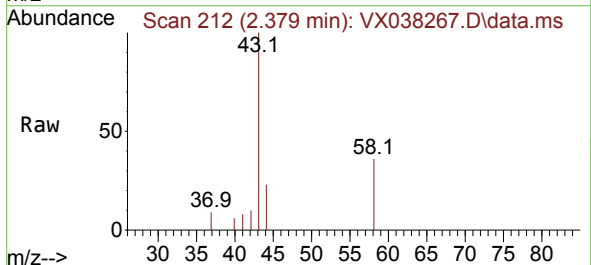
RT: 2.379 min Scan# 212

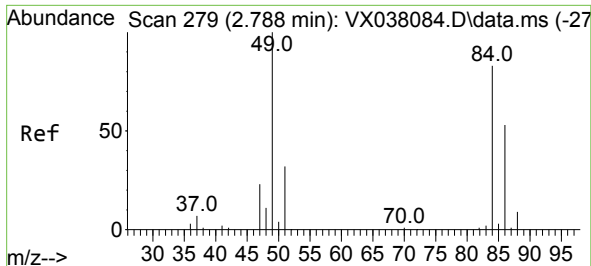
Delta R.T. -0.001 min

Lab File: VX038267.D

Acq: 12 Oct 2023 19:18

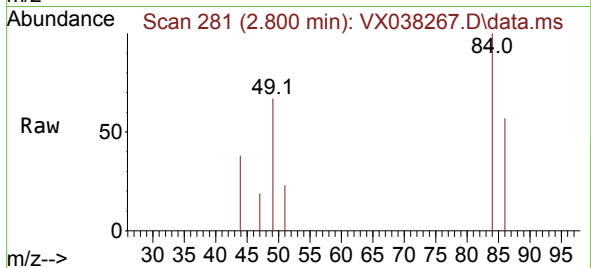
Tgt Ion: 43	Resp: 1800
Ion Ratio	Lower Upper
43 100	
58 36.4	21.9 32.9#





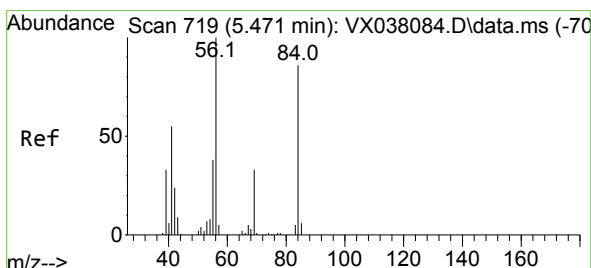
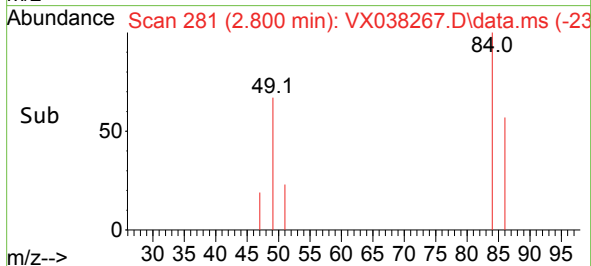
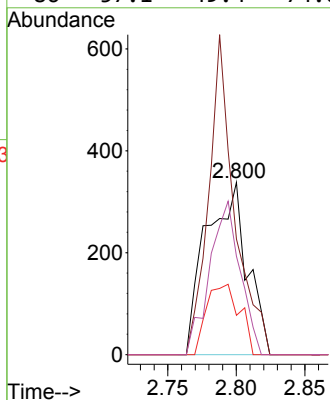
#20
Methylene Chloride
Concen: 0.493 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 700

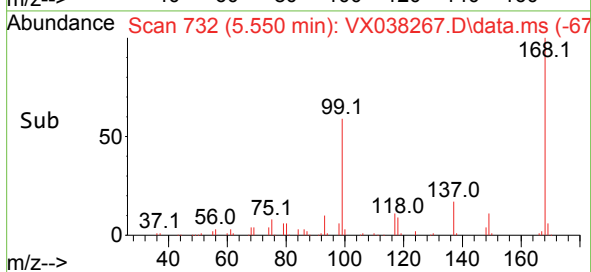
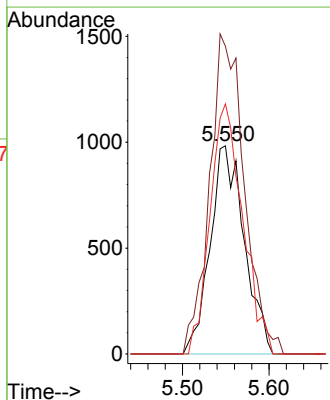
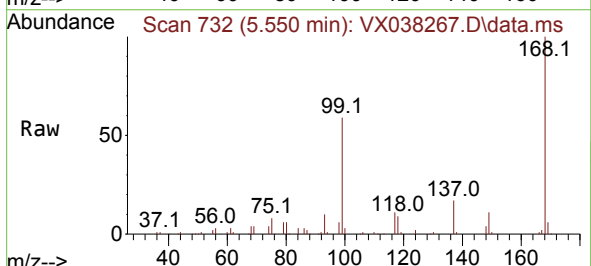
Ion	Ratio	Lower	Upper
84	100		
49	67.2	103.6	155.4#
51	22.8	33.8	50.6#
86	57.1	49.4	74.0

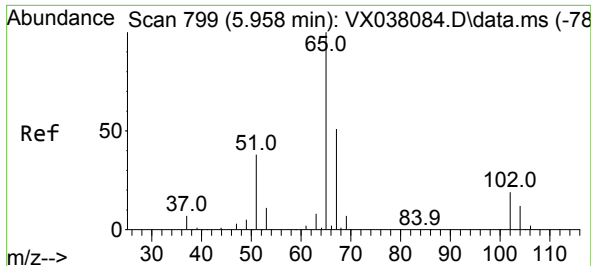


#31
Cyclohexane
Concen: 1.372 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Tgt Ion: 56 Resp: 2688

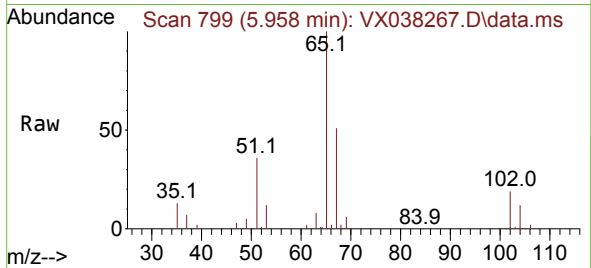
Ion	Ratio	Lower	Upper
56	100		
69	147.8	23.4	35.2#
84	120.1	65.9	98.9#



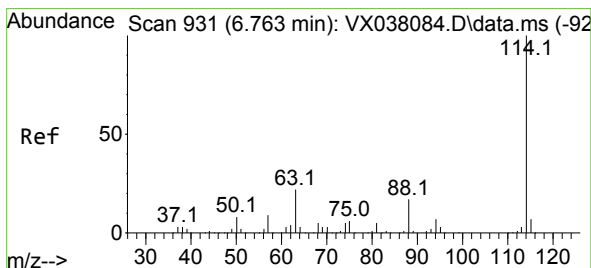
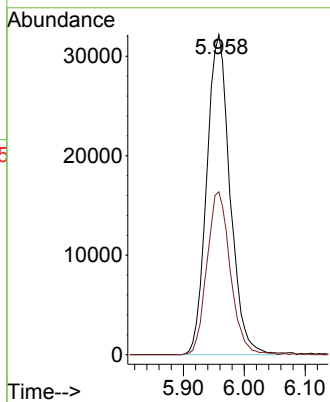
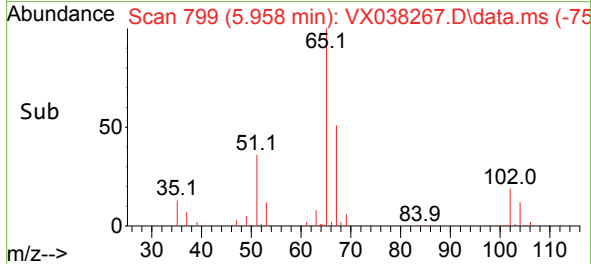


#33
 1,2-Dichloroethane-d4
 Concen: 47.258 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038267.D
 Acq: 12 Oct 2023 19:18

Instrument :
 MSVOA_X
 ClientSampleId :

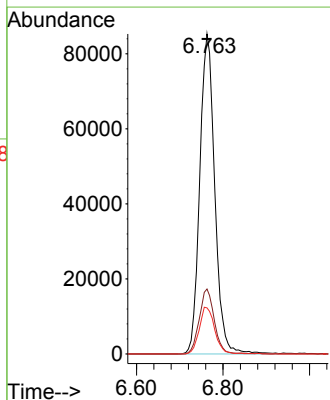
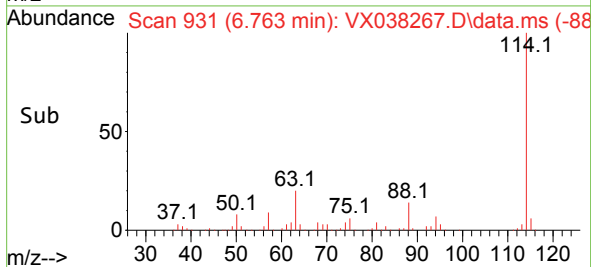
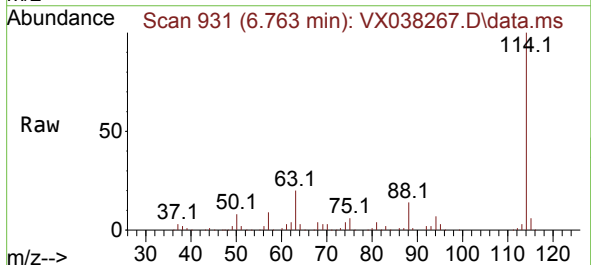


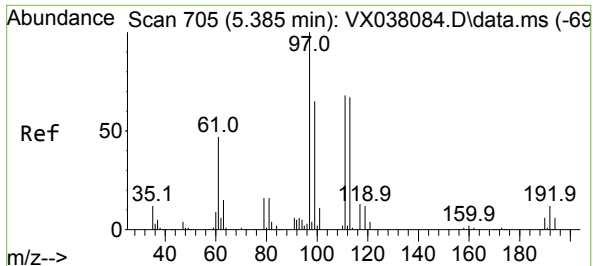
Tgt Ion: 65 Resp: 85450
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038267.D
 Acq: 12 Oct 2023 19:18

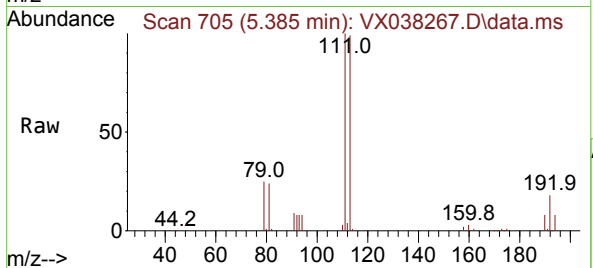
Tgt Ion: 114 Resp: 204891
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 14.4 0.0 36.6



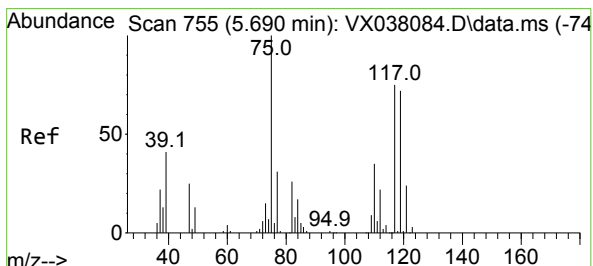
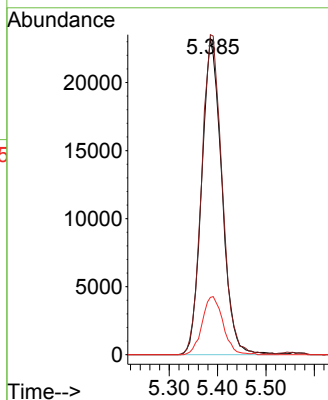
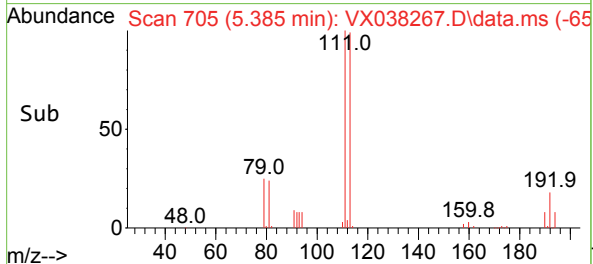


#35
Dibromofluoromethane
Concen: 45.474 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Instrument :
MSVOA_X
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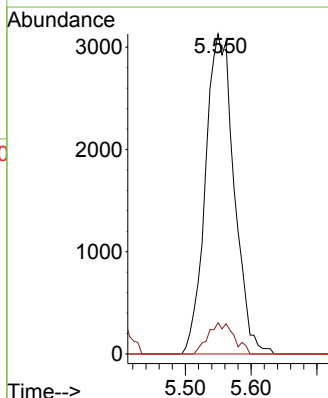
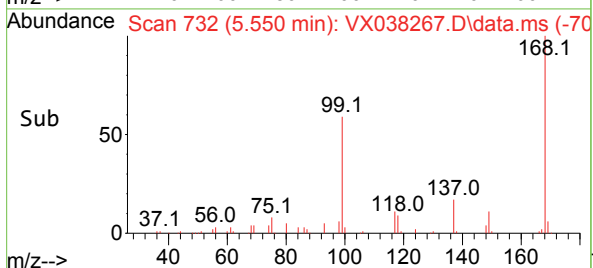
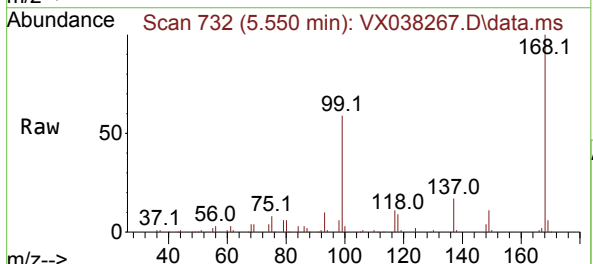


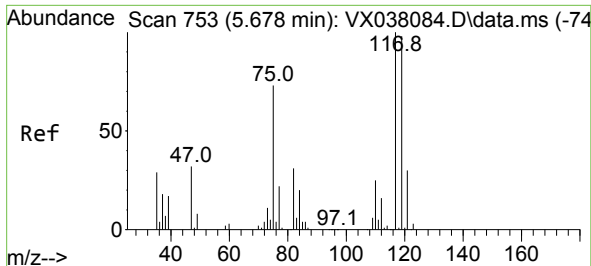
Tgt Ion:113 Resp: 67137
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

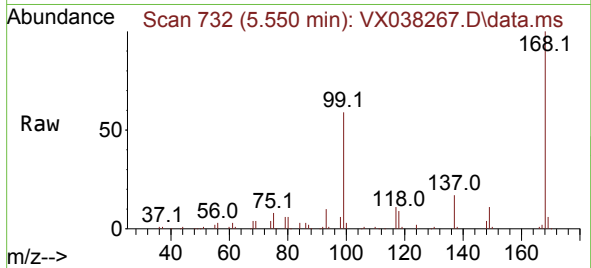
Tgt Ion: 75 Resp: 9506
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



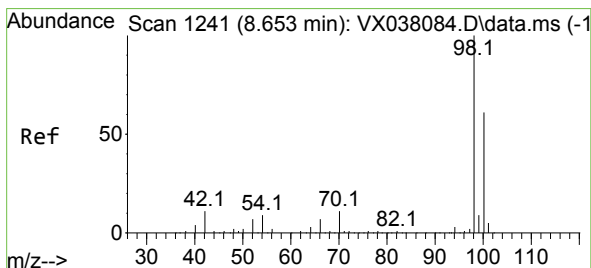
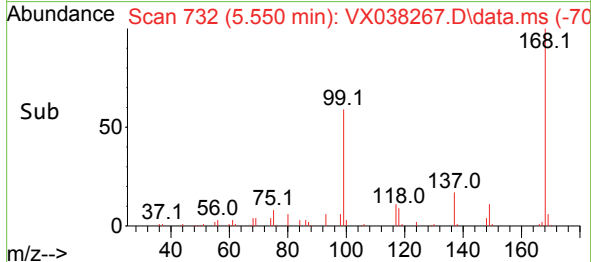
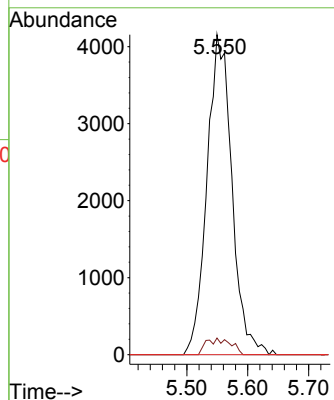


#38
Carbon Tetrachloride
Concen: 5.890 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :

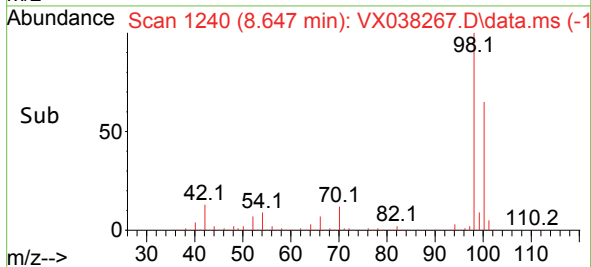
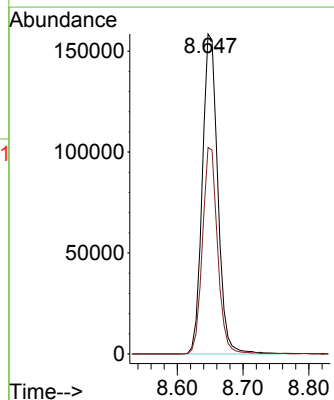
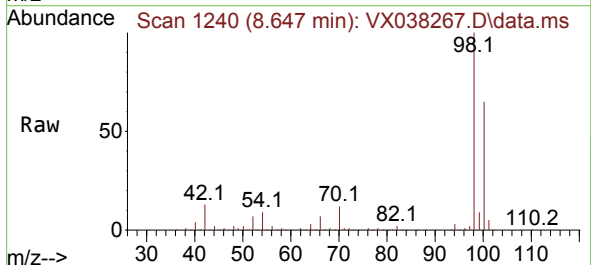


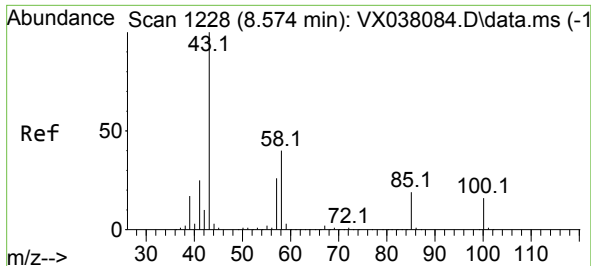
Tgt Ion:117 Resp: 11797
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Tgt Ion: 98 Resp: 259087
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

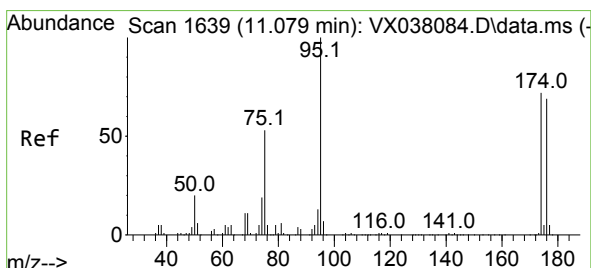
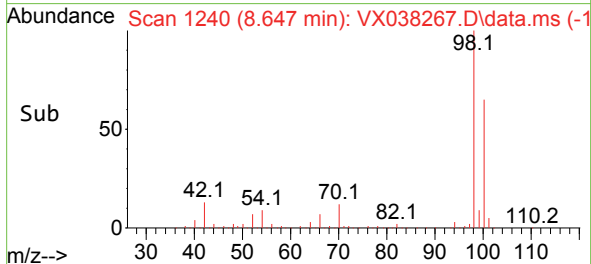
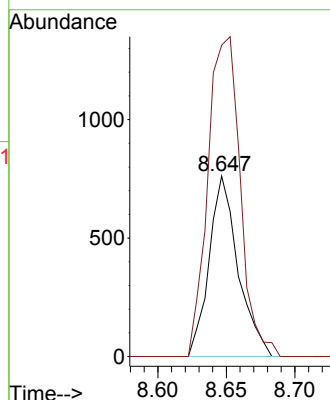
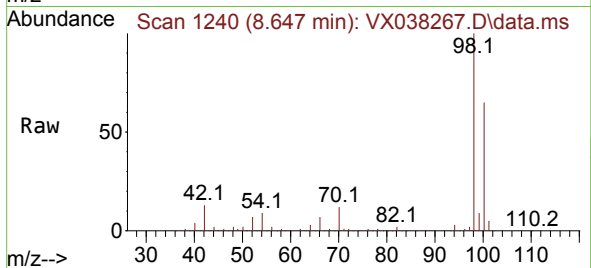




#51
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 8.647 min Scan# 1121
Delta R.T. 0.073 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

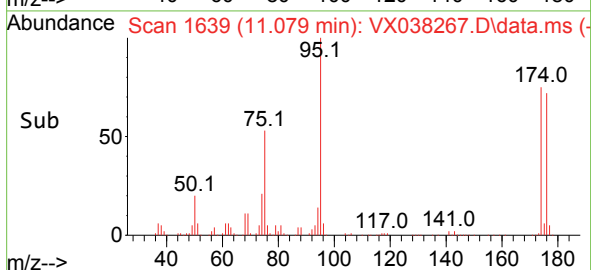
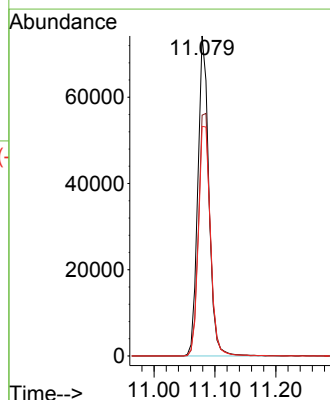
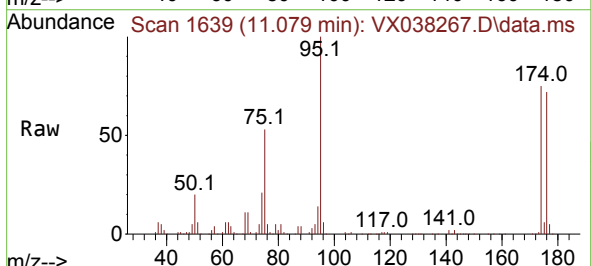
Instrument :
MSVOA_X
ClientSampleId :

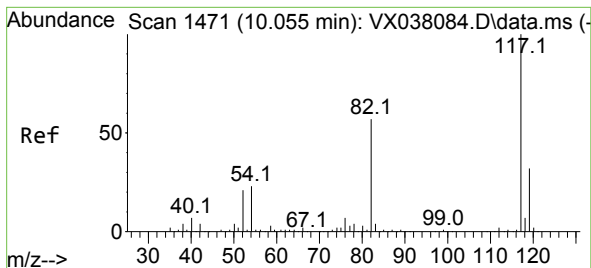
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 198.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Tgt Ion: 95 Resp: 92967
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.1 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

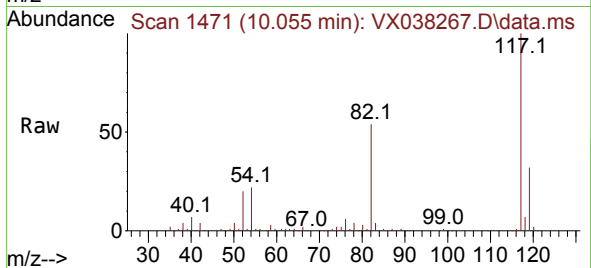
Lab File: VX038267.D

Acq: 12 Oct 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :



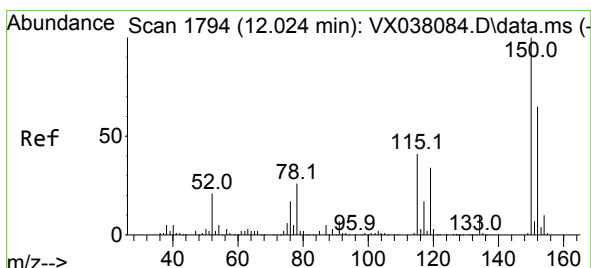
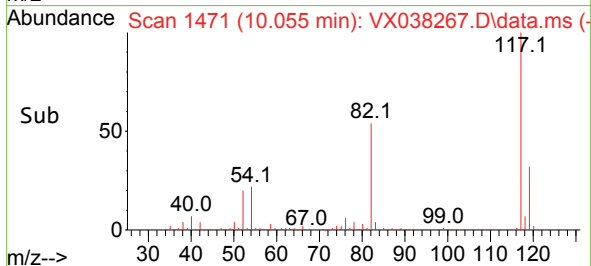
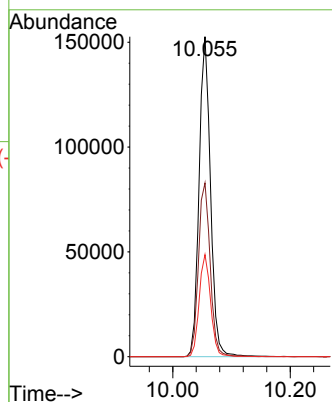
Tgt Ion:117 Resp: 205257

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038267.D

Acq: 12 Oct 2023 19:18

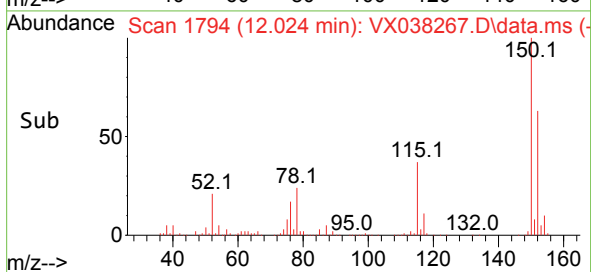
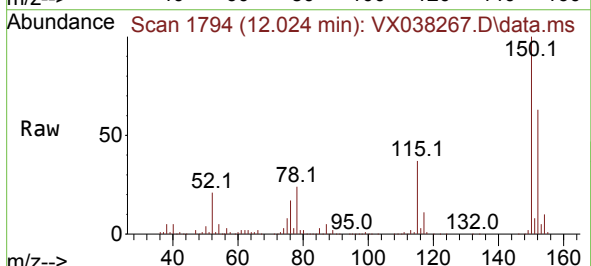
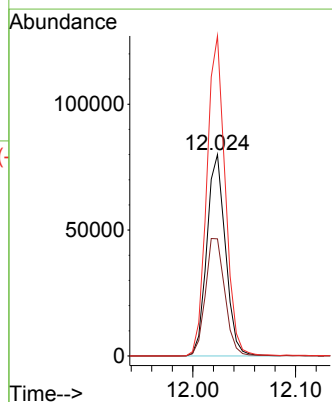
Tgt Ion:152 Resp: 100849

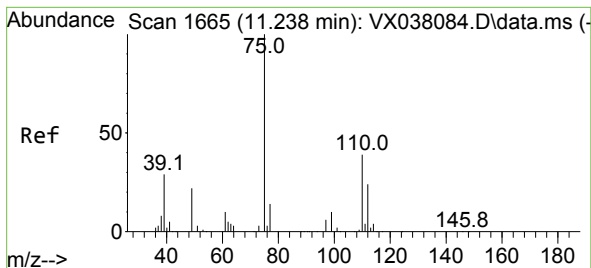
Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.609 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038267.D

Acq: 12 Oct 2023 19:18

Instrument :

MSVOA_X

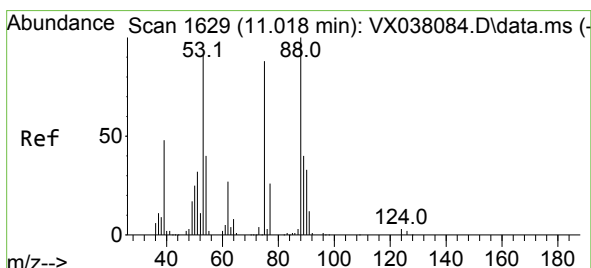
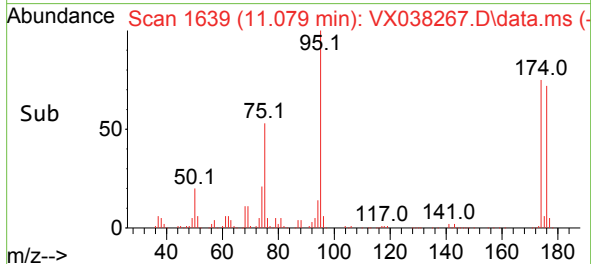
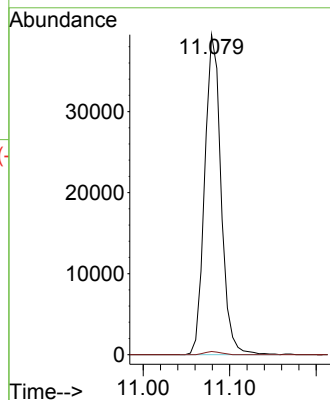
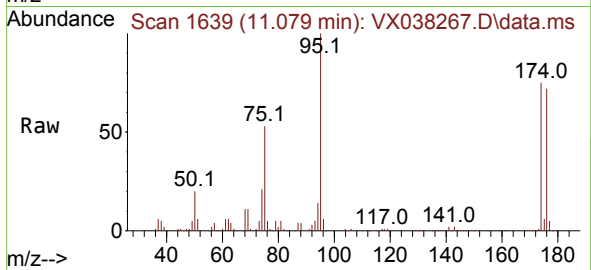
ClientSampleId :

Tgt Ion: 75 Resp: 51835

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.725 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038267.D

Acq: 12 Oct 2023 19:18

Tgt Ion: 75 Resp: 51835

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

