

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038349.D
 Acq On : 18 Oct 2023 09:57
 Operator : JC/MD
 Sample : VX1018WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:35:41 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)

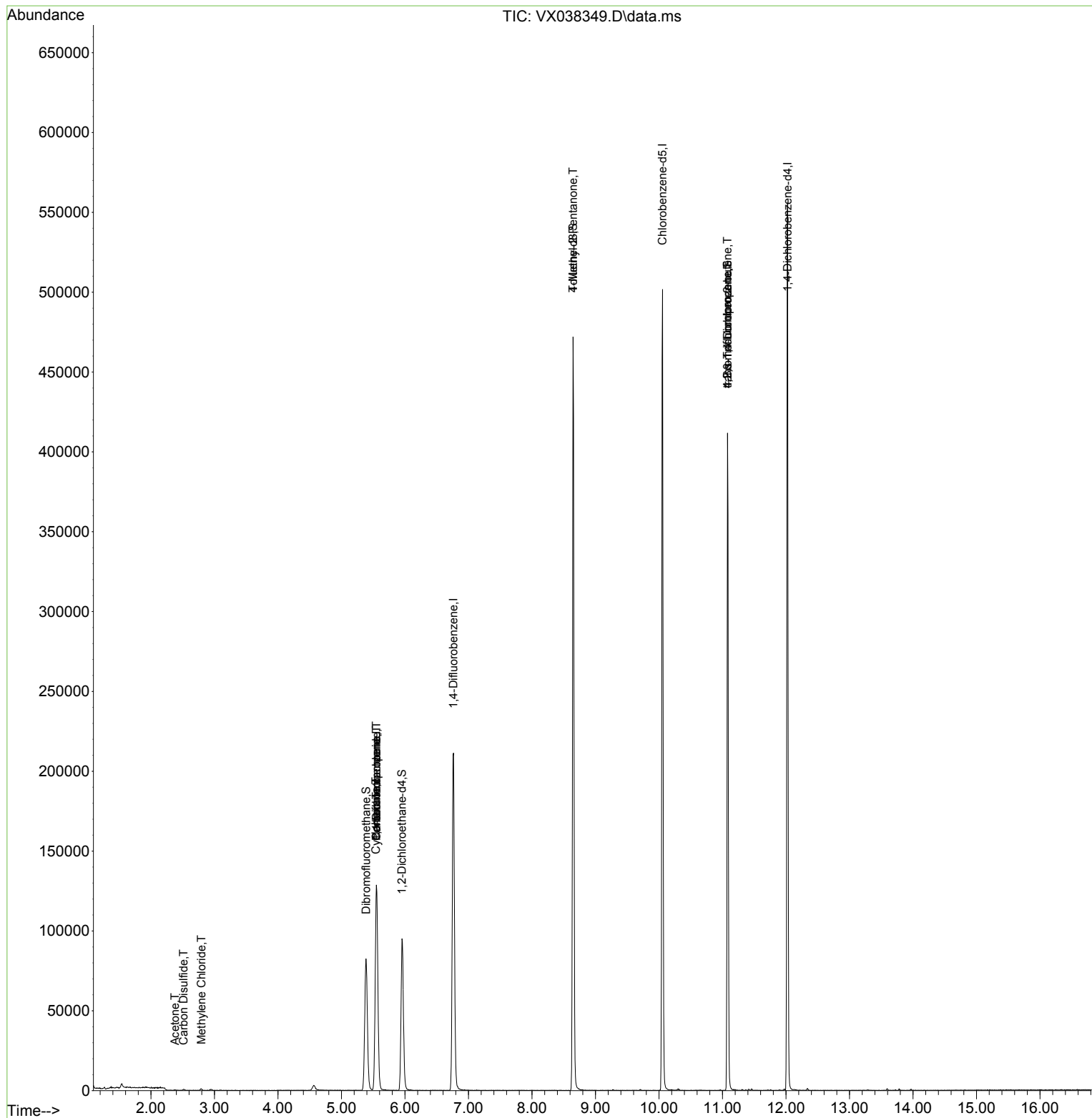
Internal Standards						
1) Pentafluorobenzene	5.550	168	121975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87768	44.736	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.480%		
35) Dibromofluoromethane	5.385	113	70547	44.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.240%		
50) Toluene-d8	8.647	98	277648	45.958	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.920%#		
62) 4-Bromofluorobenzene	11.079	95	104067	45.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.880%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.648	94	39	Below Cal	#	3
6) Chloroethane	1.648	64	49	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	469	Below Cal	#	78
16) Acetone	2.380	43	375	0.458	ug/l #	47
17) Carbon Disulfide	2.514	76	684	0.213	ug/l #	76
20) Methylene Chloride	2.794	84	467	0.303	ug/l #	72
31) Cyclohexane	5.544	56	2950	1.388	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	10322	4.735	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12672	5.909	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1259	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57355	21.786	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57355	62.516	ug/l #	5

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

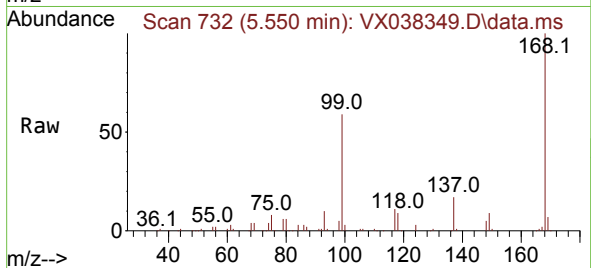
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



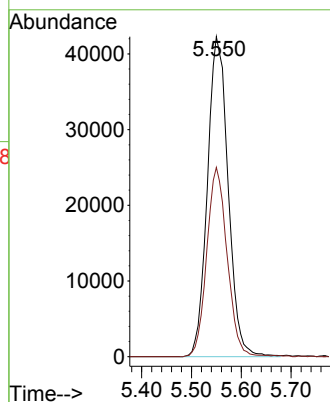
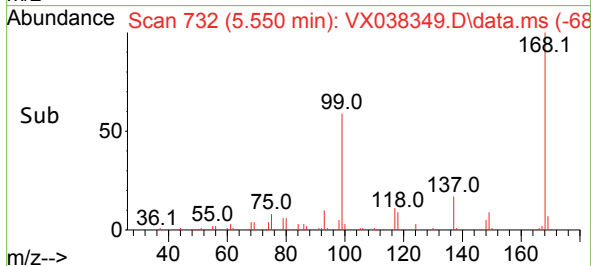


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

Instrument :
MSVOA_X
ClientSampleId :

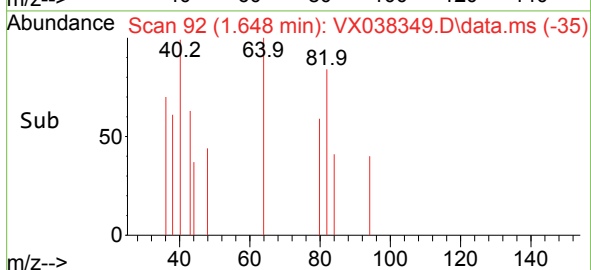
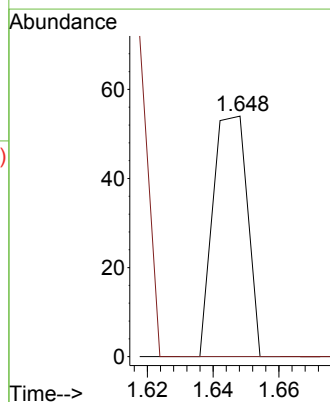
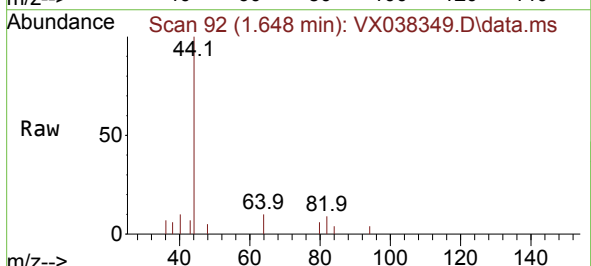


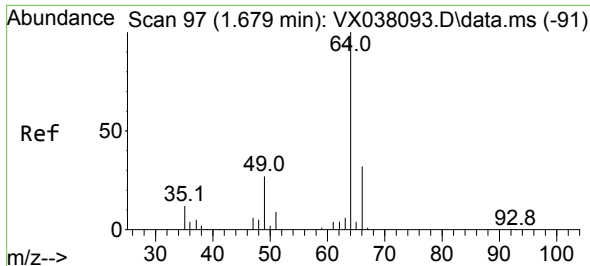
Tgt Ion:168 Resp: 121975
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. 0.049 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

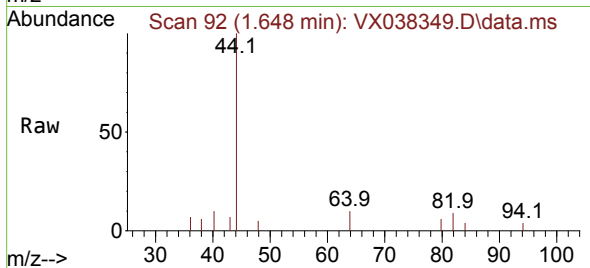
Tgt Ion: 94 Resp: 39
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



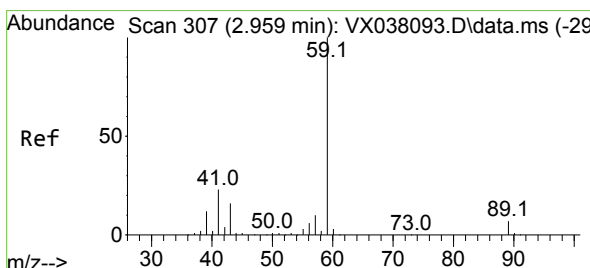
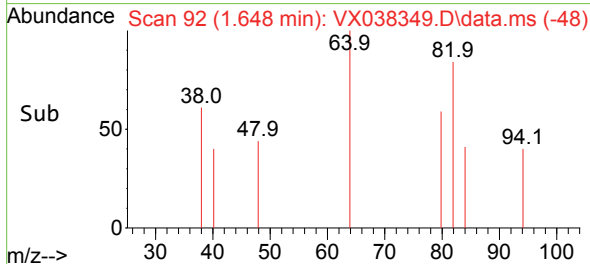
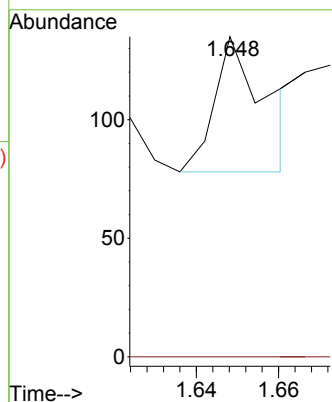


#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

Instrument :
MSVOA_X
ClientSampleId :

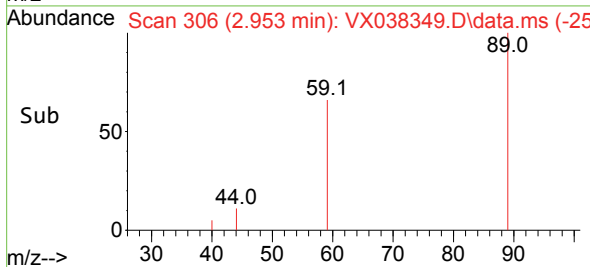
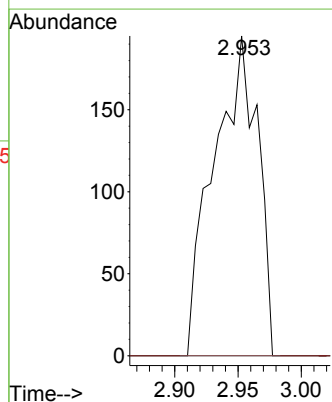
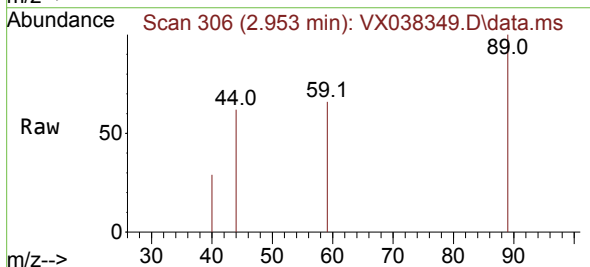


Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

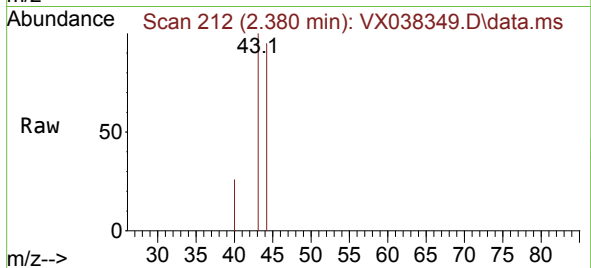
Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



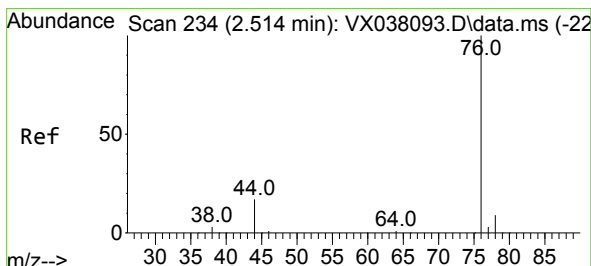
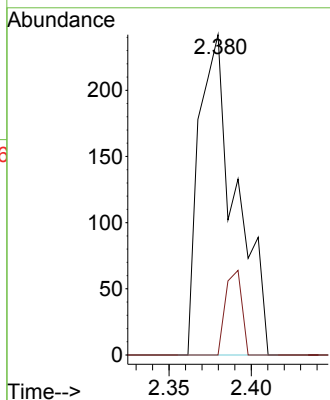
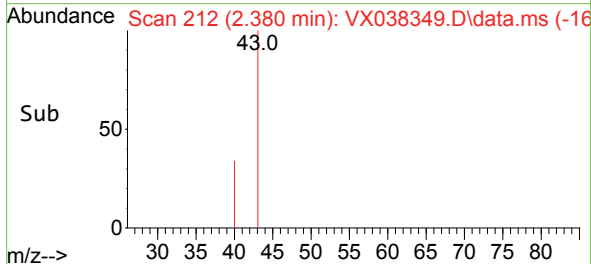


#16
Acetone
Concen: 0.458 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

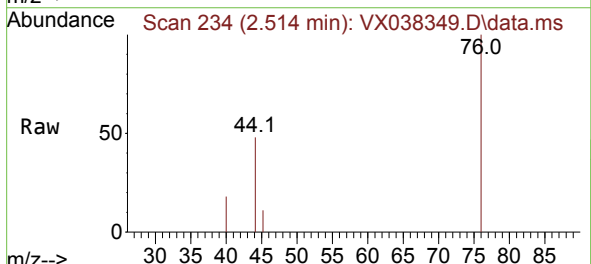
Instrument :
MSVOA_X
ClientSampleId :



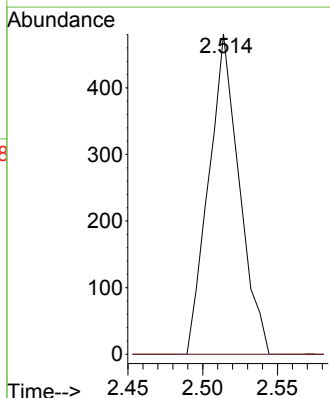
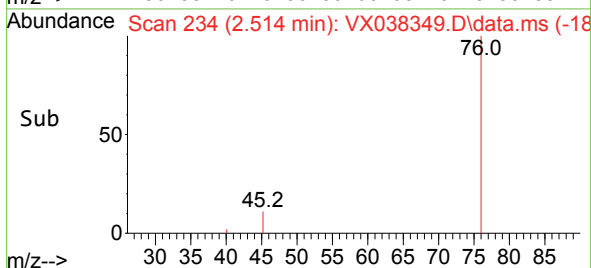
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

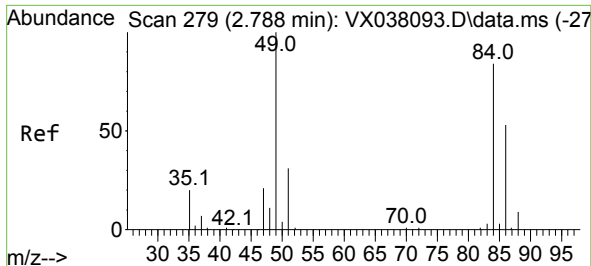


#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57



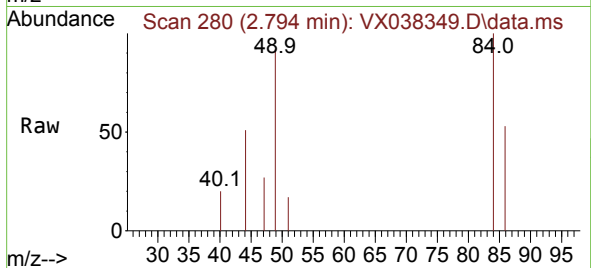
Tgt Ion: 76 Resp: 684
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





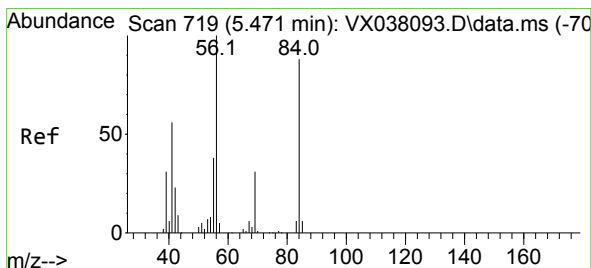
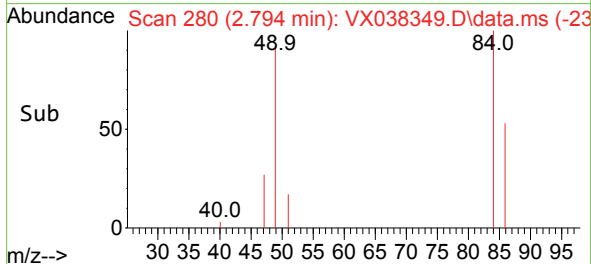
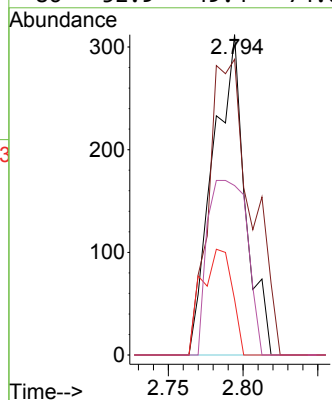
#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 467

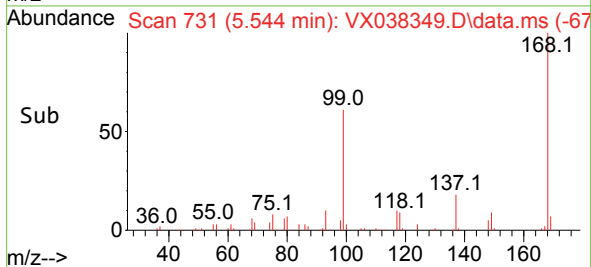
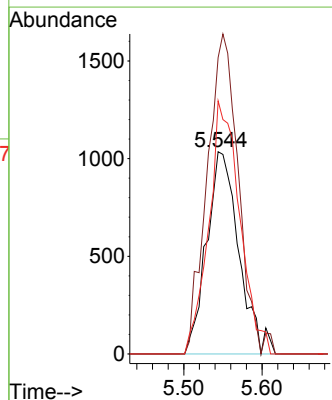
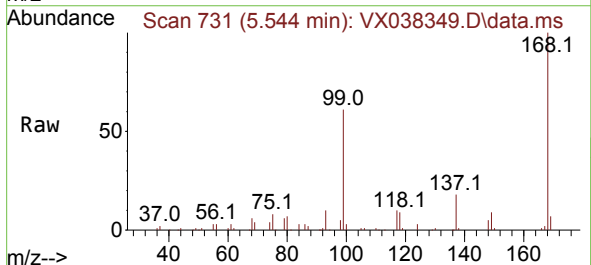
Ion	Ratio	Lower	Upper
84	100		
49	92.3	103.6	155.4#
51	17.3	33.8	50.6#
86	52.9	49.4	74.0

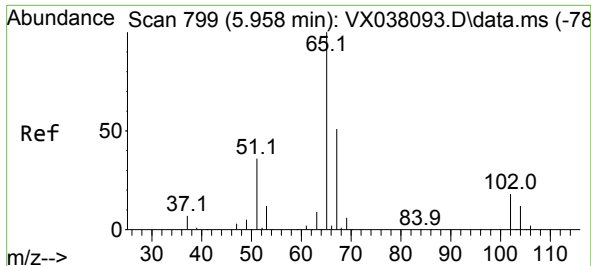


#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

Tgt Ion: 56 Resp: 2950

Ion	Ratio	Lower	Upper
56	100		
69	146.6	23.4	35.2#
84	125.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.736 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038349.D

Acq: 18 Oct 2023 09:57

Instrument :

MSVOA_X

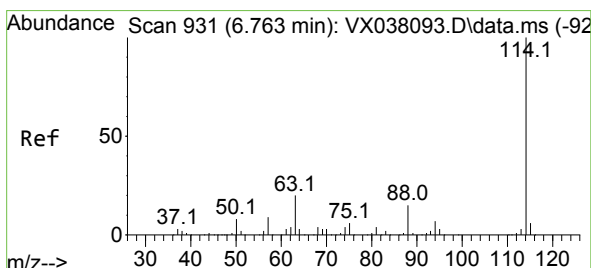
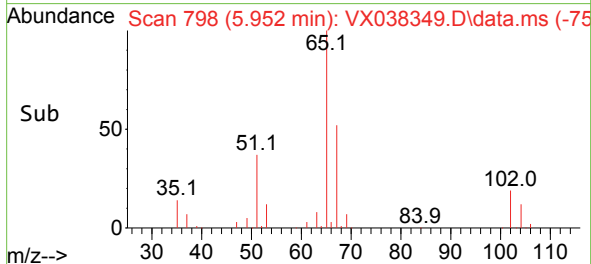
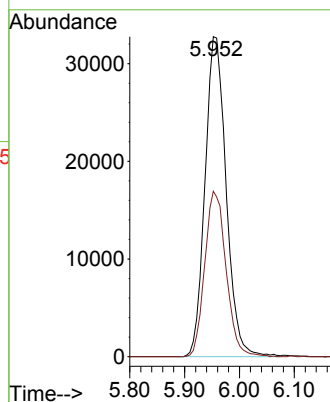
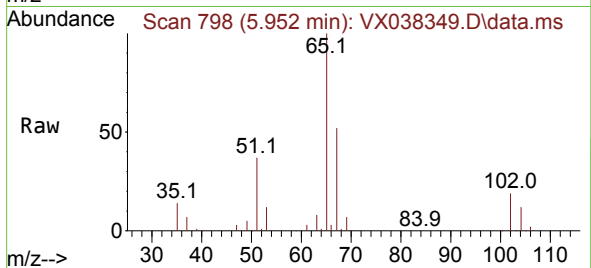
ClientSampleId :

Tgt Ion: 65 Resp: 87768

Ion Ratio Lower Upper

65 100

67 52.1 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: VX038349.D

Acq: 18 Oct 2023 09:57

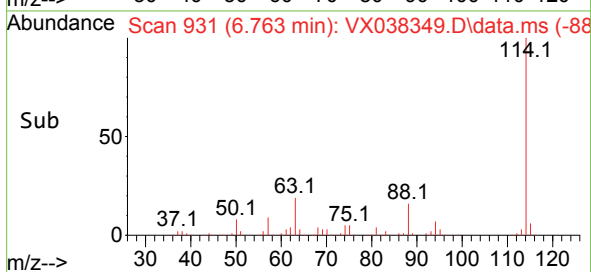
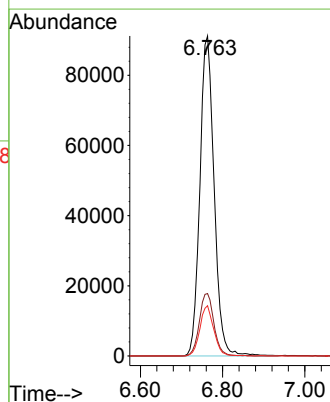
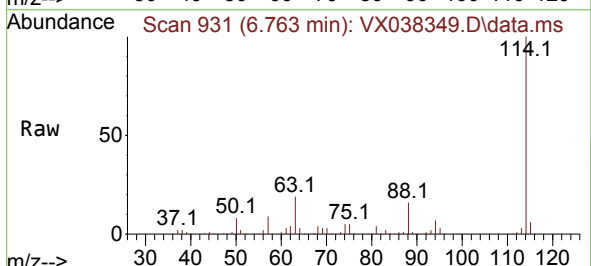
Tgt Ion:114 Resp: 219409

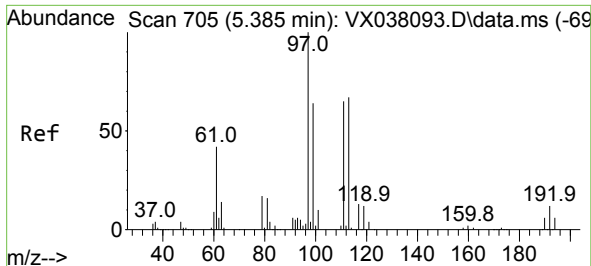
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

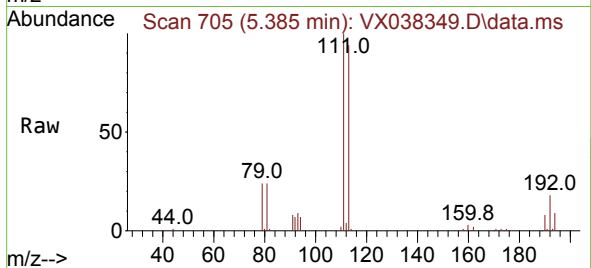
88 15.7 0.0 36.6



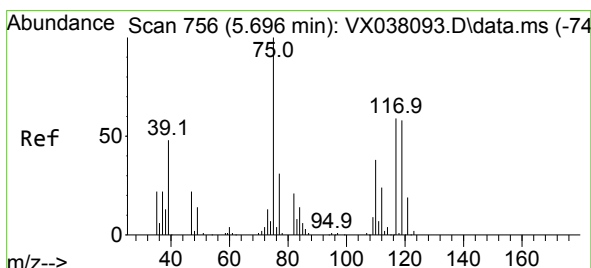
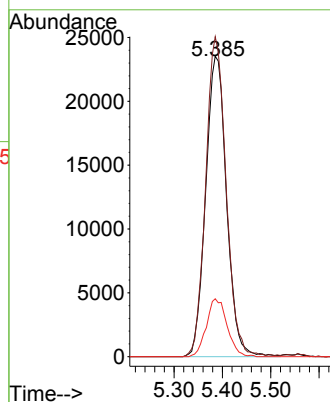
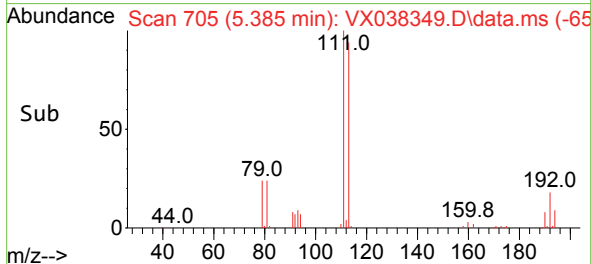


#35
Dibromofluoromethane
Concen: 44.622 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

Instrument :
MSVOA_X
ClientSampleId :

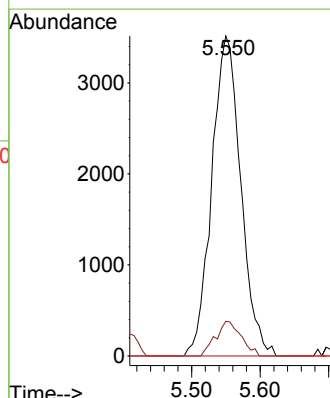
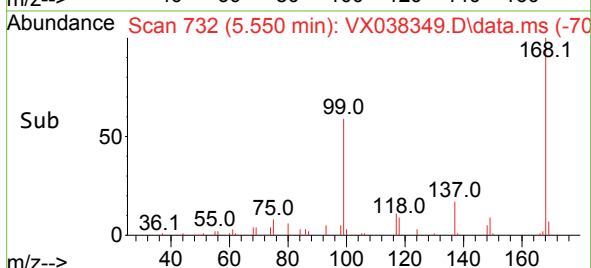
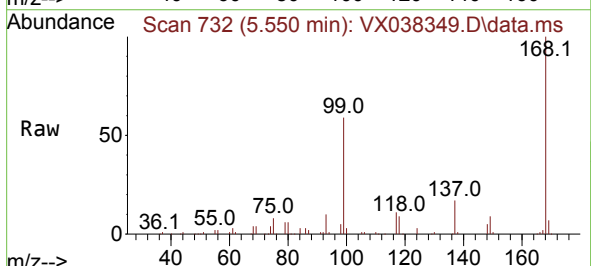


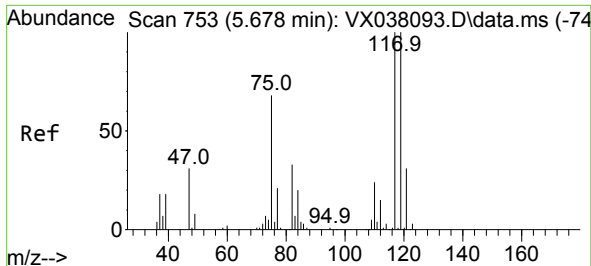
Tgt Ion:113 Resp: 70547
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.735 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

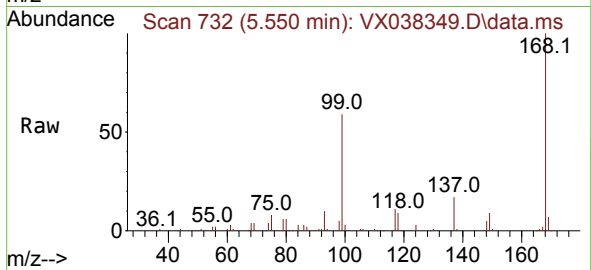
Tgt Ion: 75 Resp: 10322
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



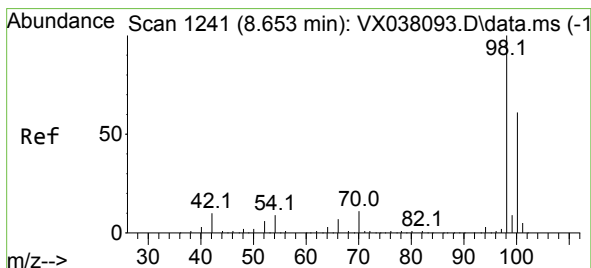
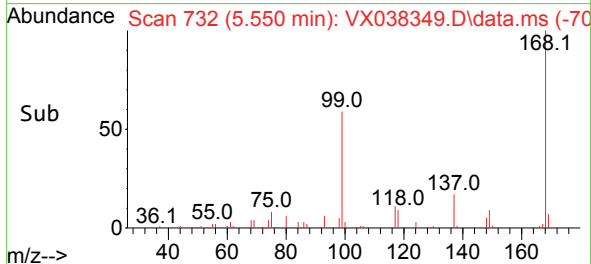
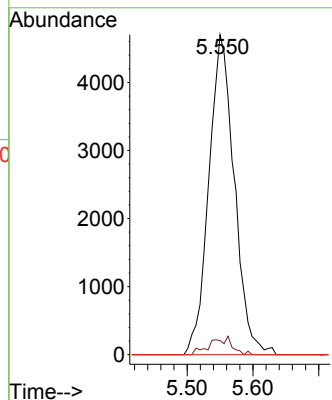


#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

Instrument :
MSVOA_X
ClientSampleId :

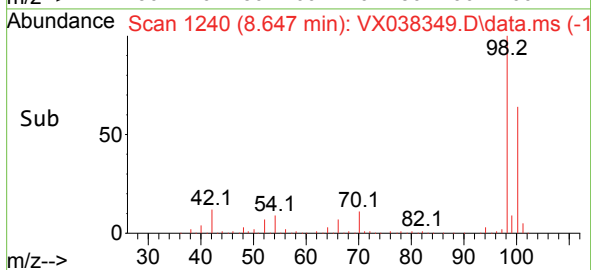
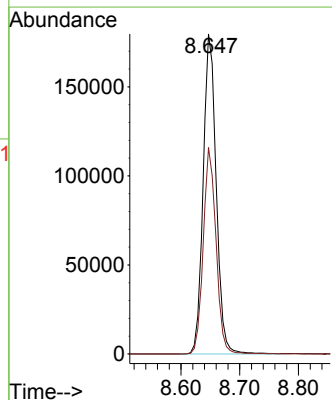
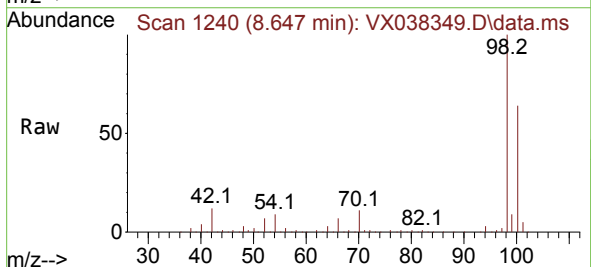


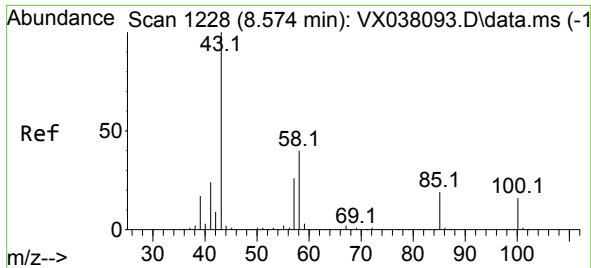
Tgt Ion:117 Resp: 12672
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.958 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

Tgt Ion: 98 Resp: 277648
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

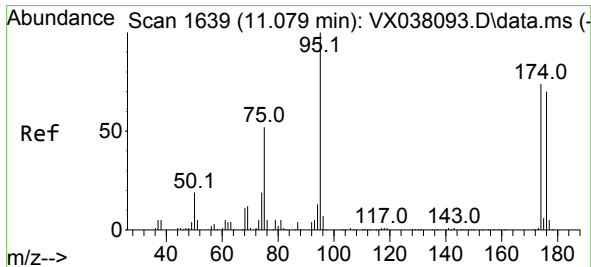
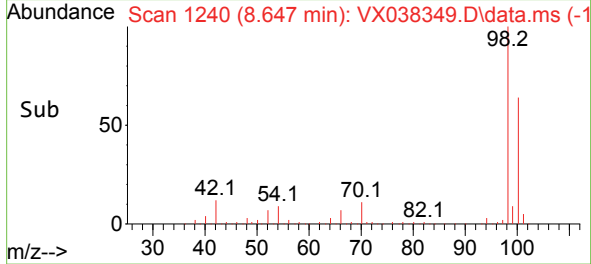
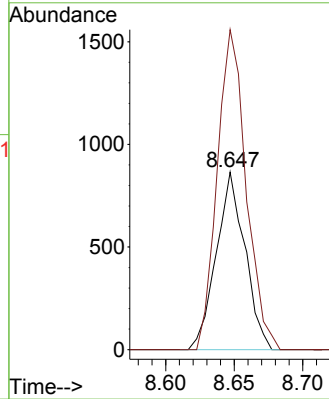
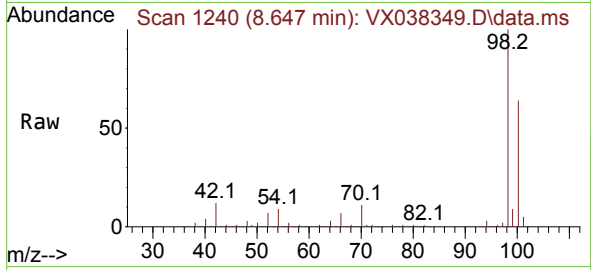




#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

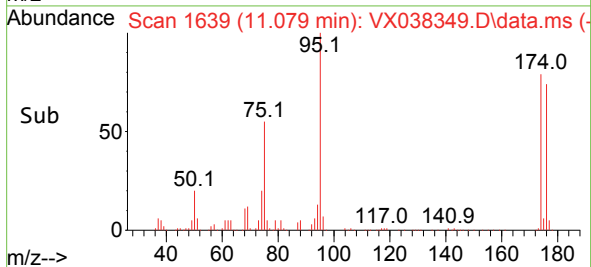
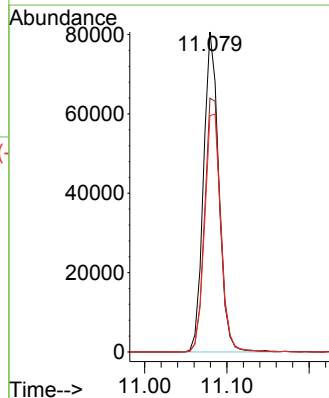
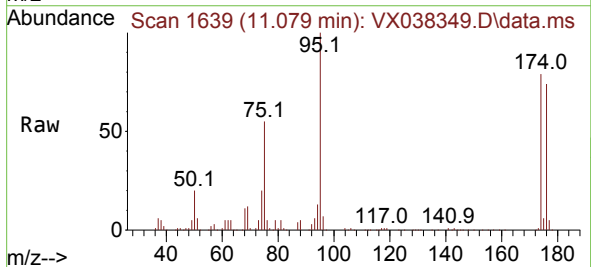
Instrument :
MSVOA_X
ClientSampleId :

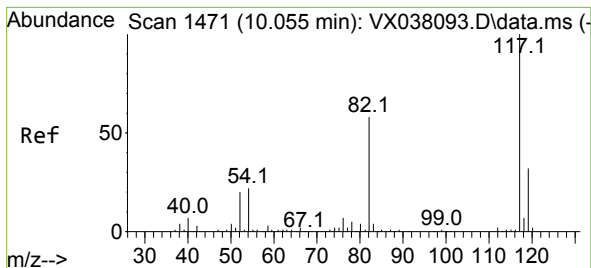
Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 181.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.438 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038349.D
Acq: 18 Oct 2023 09:57

Tgt Ion: 95 Resp: 104067
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 78.7 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: VX038349.D

Acq: 18 Oct 2023 09:57

Instrument :

MSVOA_X

ClientSampleId :

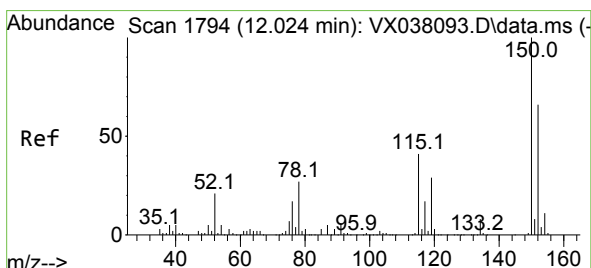
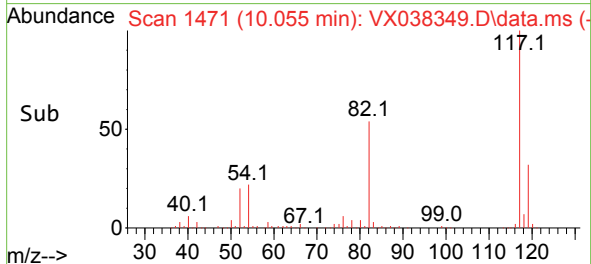
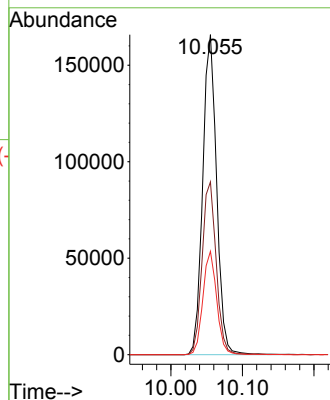
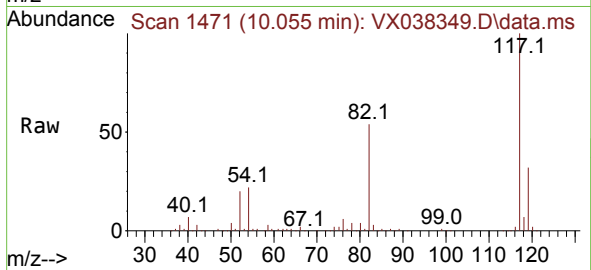
Tgt Ion:117 Resp: 223742

Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 32.3 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: VX038349.D

Acq: 18 Oct 2023 09:57

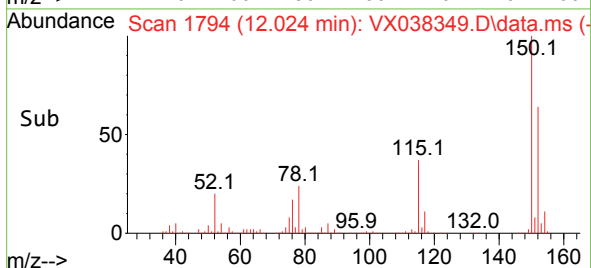
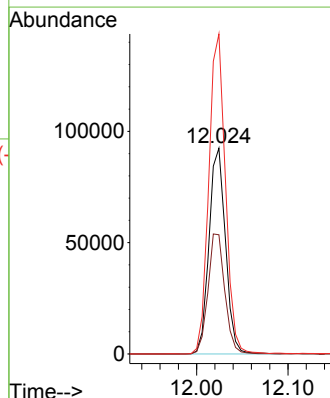
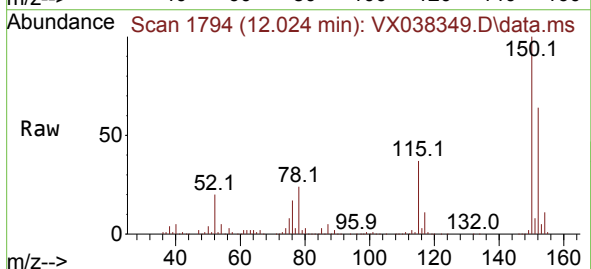
Tgt Ion:152 Resp: 115804

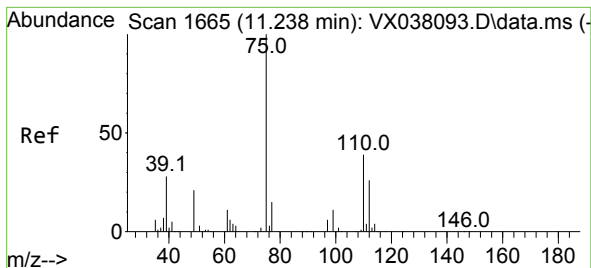
Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.786 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038349.D

Acq: 18 Oct 2023 09:57

Instrument :

MSVOA_X

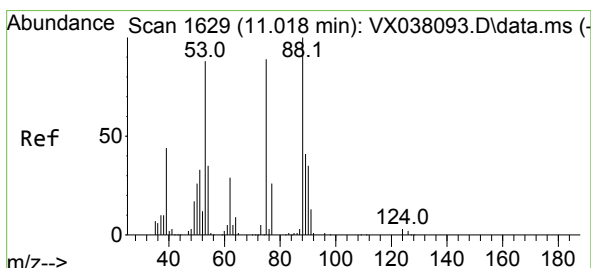
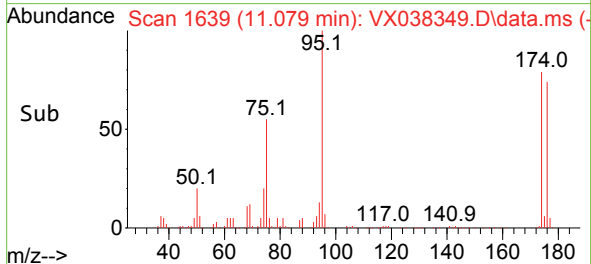
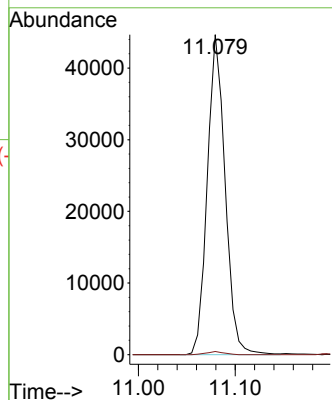
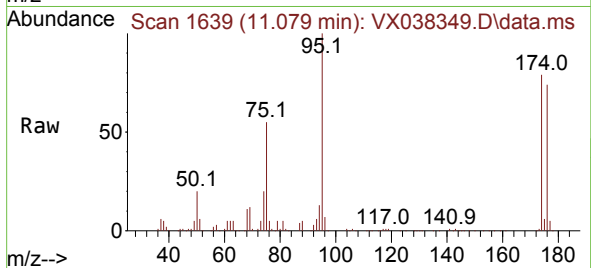
ClientSampleId :

Tgt Ion: 75 Resp: 57355

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.516 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038349.D

Acq: 18 Oct 2023 09:57

Tgt Ion: 75 Resp: 57355

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

