

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037703.D
 Acq On : 13 Sep 2023 18:33
 Operator : JC/MD
 Sample : 04391-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:24:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

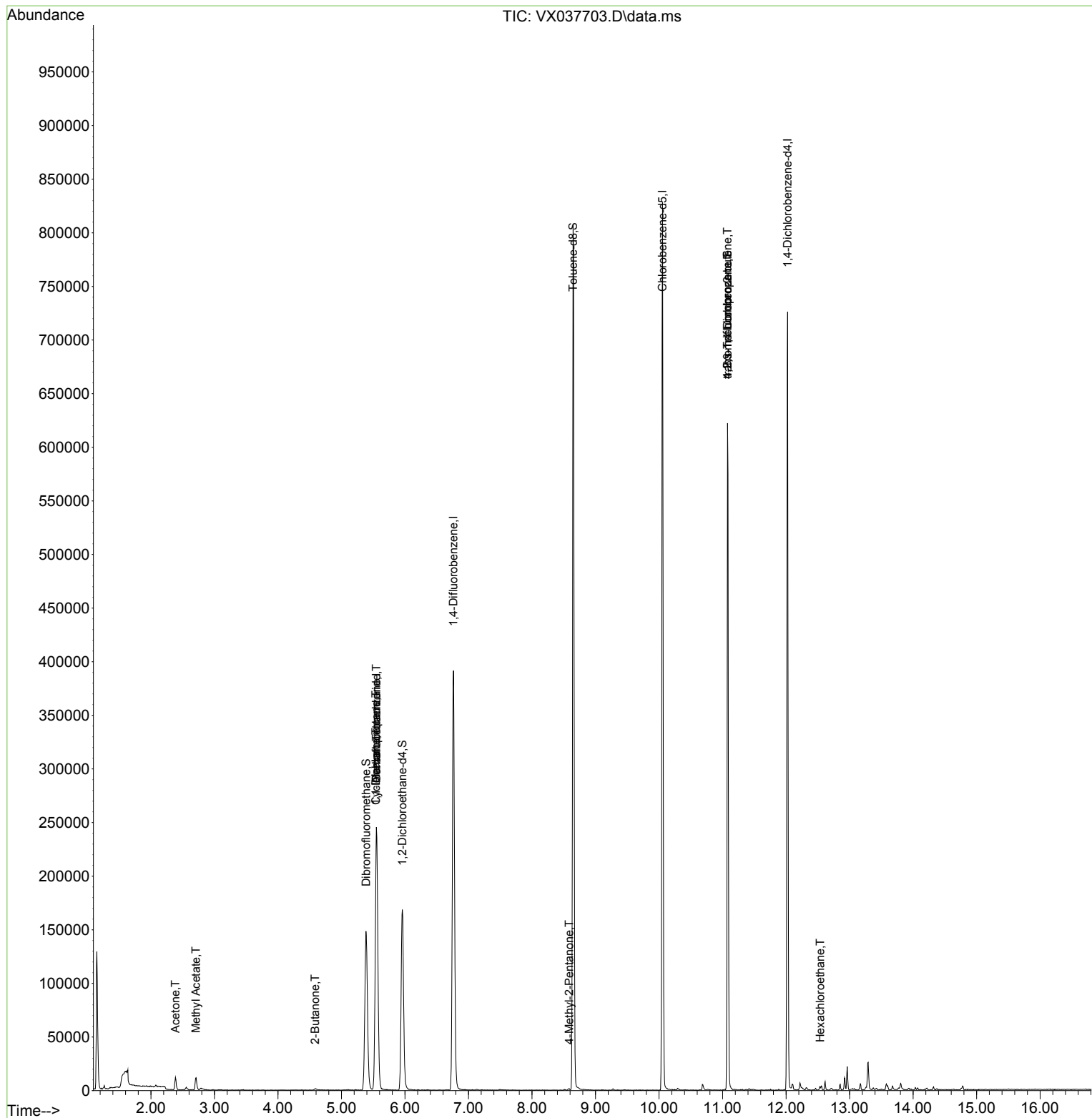
Internal Standards						
1) Pentafluorobenzene	5.550	168	228321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163576	44.281	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.560%		
35) Dibromofluoromethane	5.385	113	128141	44.722	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.440%		
50) Toluene-d8	8.647	98	493333	45.653	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.300%#		
62) 4-Bromofluorobenzene	11.079	95	162920	41.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.580%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	206	Below Cal	#	91
16) Acetone	2.386	43	11628	7.786	ug/l #	86
18) Methyl Acetate	2.709	43	13704	2.173	ug/l	95
20) Methylene Chloride	2.782	84	810	Below Cal	#	77
25) 2-Butanone	4.586	43	2340	0.961	ug/l #	89
31) Cyclohexane	5.544	56	5312	1.249	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	18470	4.739	ug/l #	52
38) Carbon Tetrachloride	5.550	117	24652	6.191	ug/l #	15
51) 4-Methyl-2-Pentanone	8.586	43	1182	0.253	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	84557	25.705	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	84557	78.136	ug/l #	5
90) Hexachloroethane	12.536	117	439	0.272	ug/l #	17

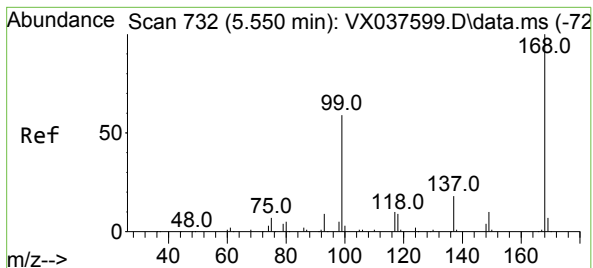
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX037703.D

Acq: 13 Sep 2023 18:33

Instrument :

MSVOA_X

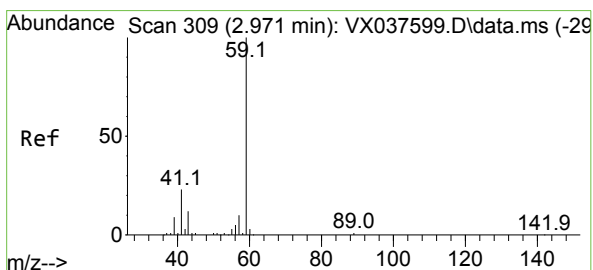
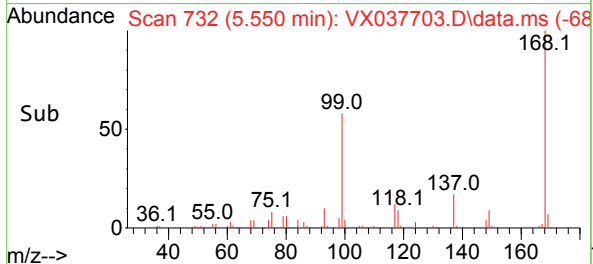
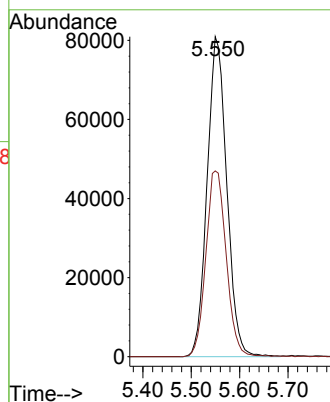
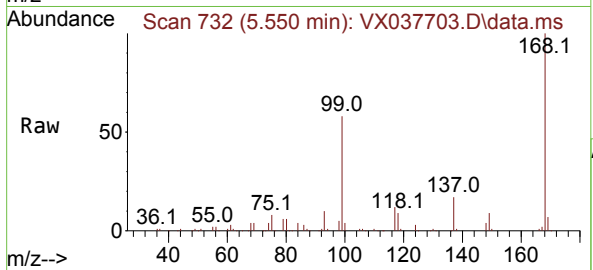
ClientSampleId :

Tgt Ion:168 Resp: 228321

Ion Ratio Lower Upper

168 100

99 58.1 56.6 85.0



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.989 min Scan# 312

Delta R.T. 0.018 min

Lab File: VX037703.D

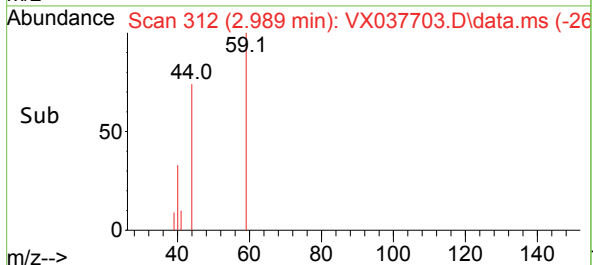
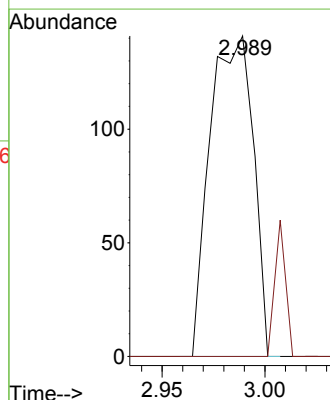
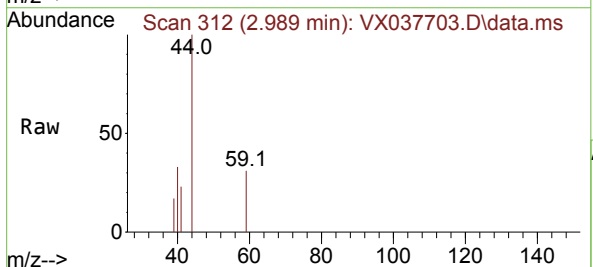
Acq: 13 Sep 2023 18:33

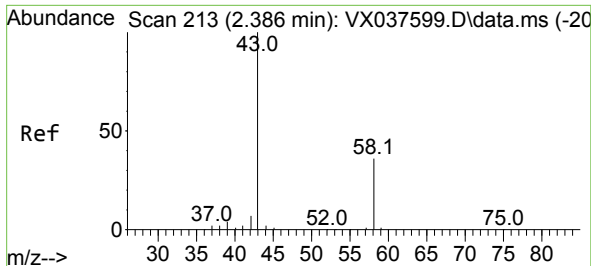
Tgt Ion: 59 Resp: 206

Ion Ratio Lower Upper

59 100

57 10.7 6.0 9.0#





#16

Acetone

Concen: 7.786 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037703.D

Acq: 13 Sep 2023 18:33

Instrument :

MSVOA_X

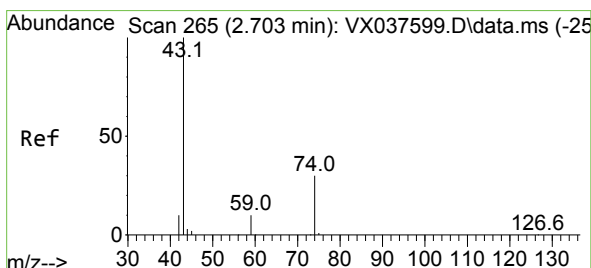
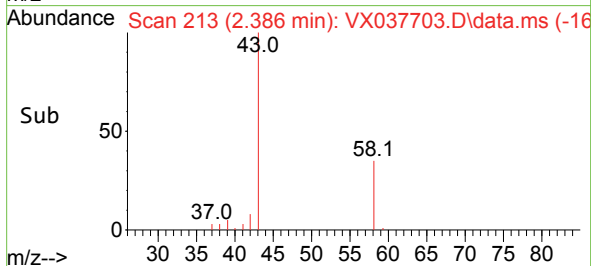
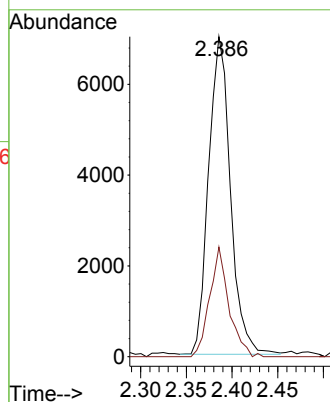
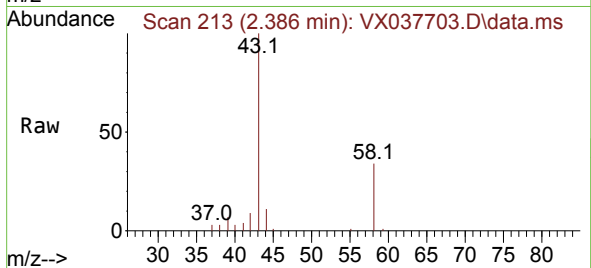
ClientSampleId :

Tgt Ion: 43 Resp: 11628

Ion Ratio Lower Upper

43 100

58 34.5 21.9 32.9#



#18

Methyl Acetate

Concen: 2.173 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX037703.D

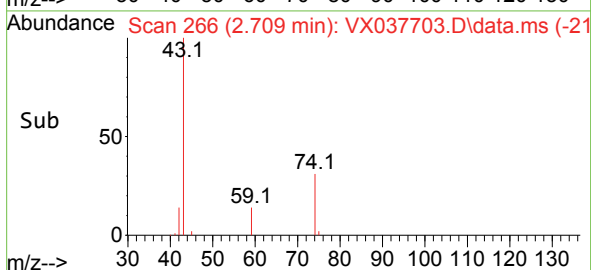
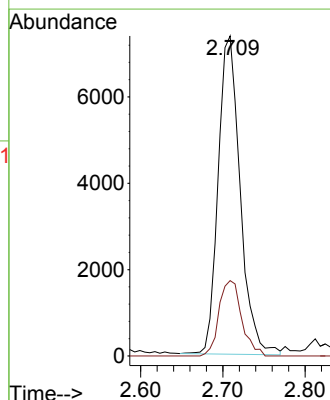
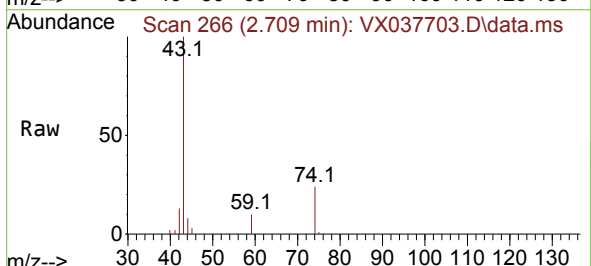
Acq: 13 Sep 2023 18:33

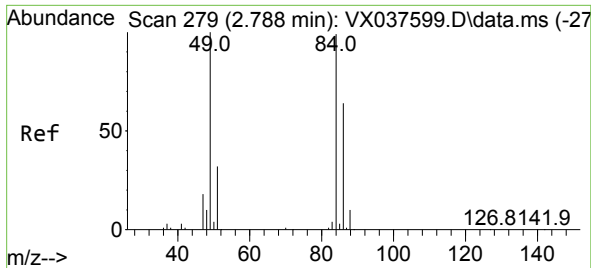
Tgt Ion: 43 Resp: 13704

Ion Ratio Lower Upper

43 100

74 24.5 17.8 26.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

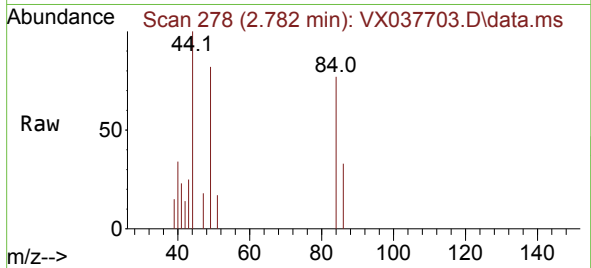
Lab File: VX037703.D

Acq: 13 Sep 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 810

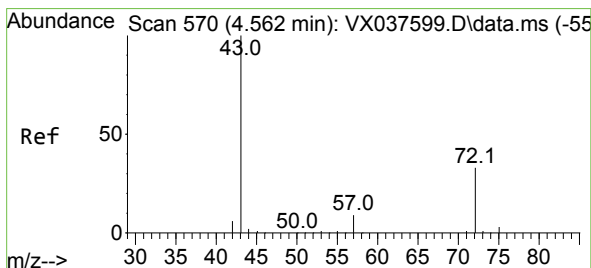
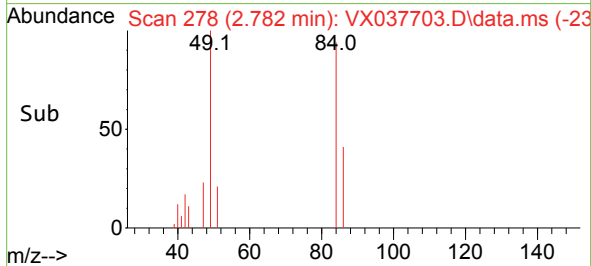
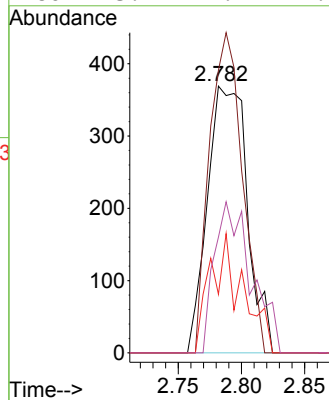
Ion Ratio Lower Upper

84 100

49 106.0 103.6 155.4

51 22.0 33.8 50.6#

86 43.4 49.4 74.0#



#25

2-Butanone

Concen: 0.961 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.024 min

Lab File: VX037703.D

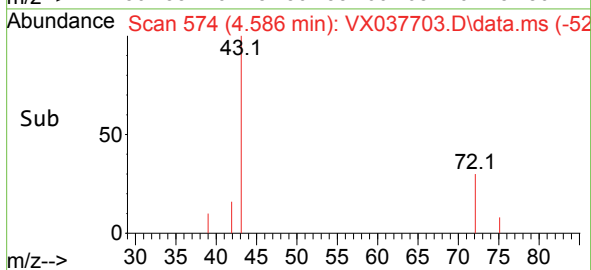
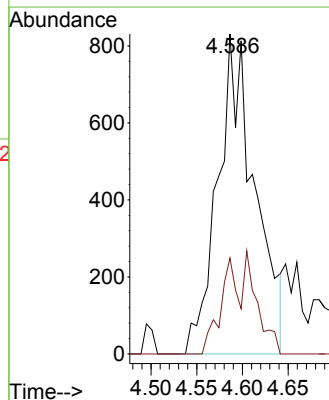
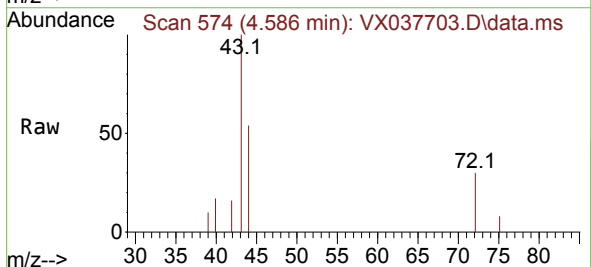
Acq: 13 Sep 2023 18:33

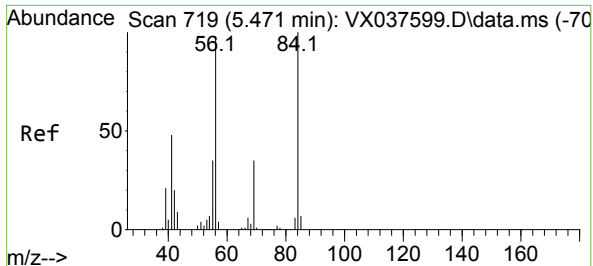
Tgt Ion: 43 Resp: 2340

Ion Ratio Lower Upper

43 100

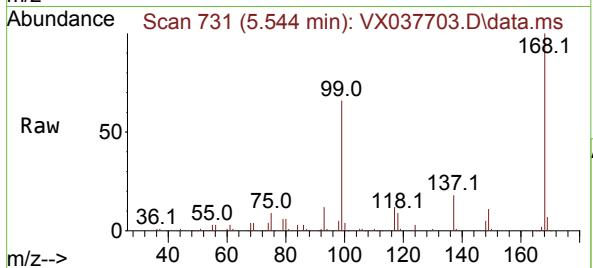
72 30.0 19.4 29.2#



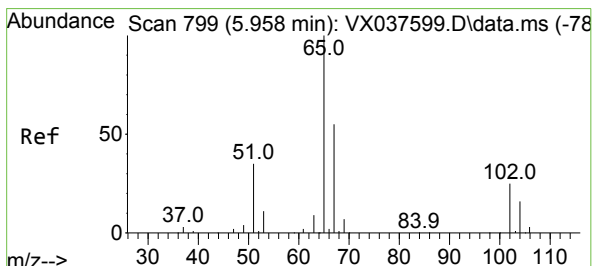
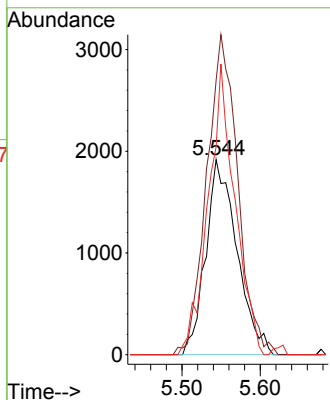
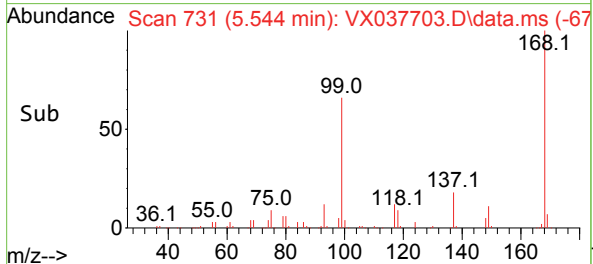


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

Instrument :
MSVOA_X
ClientSampleId :

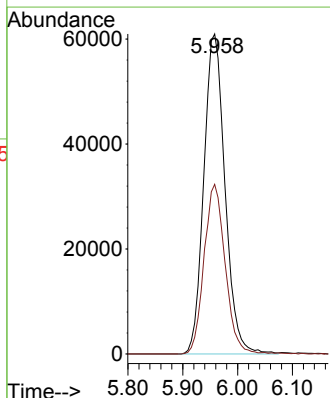
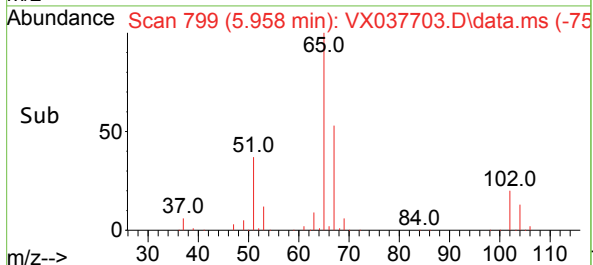
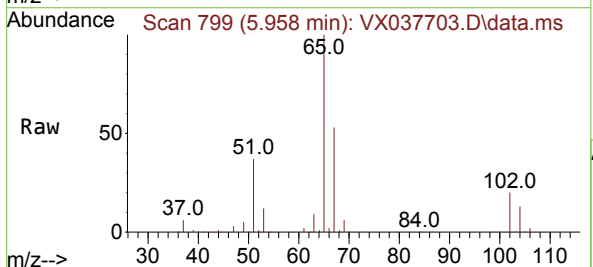


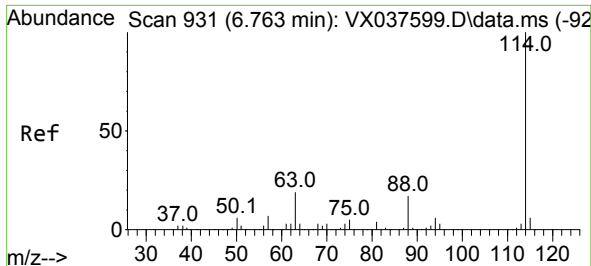
Tgt Ion: 56 Resp: 5312
Ion Ratio Lower Upper
56 100
69 140.7 23.4 35.2#
84 106.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.281 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

Tgt Ion: 65 Resp: 163576
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

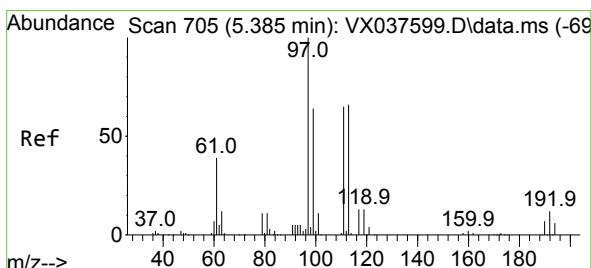
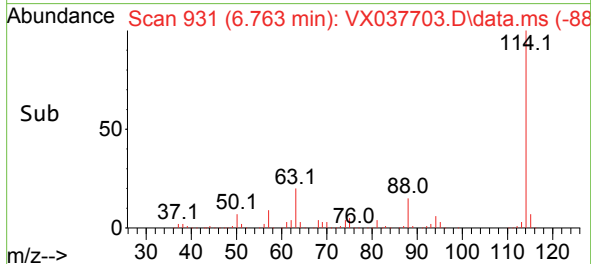
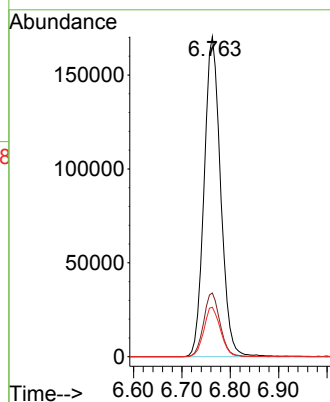
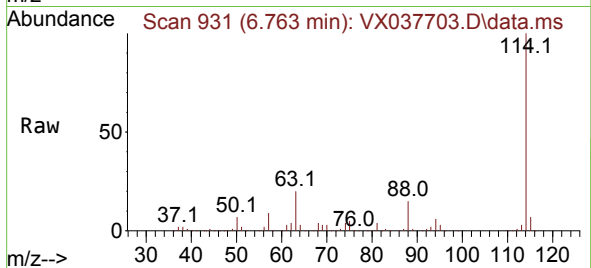




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

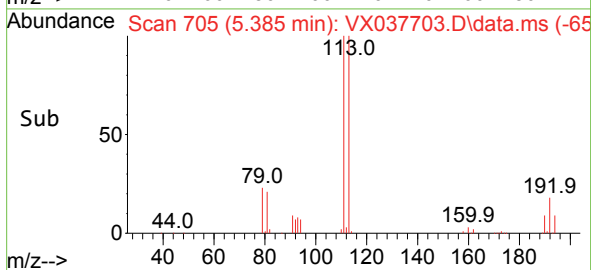
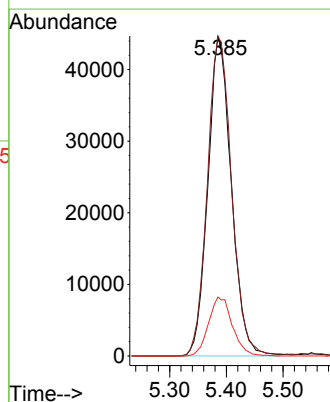
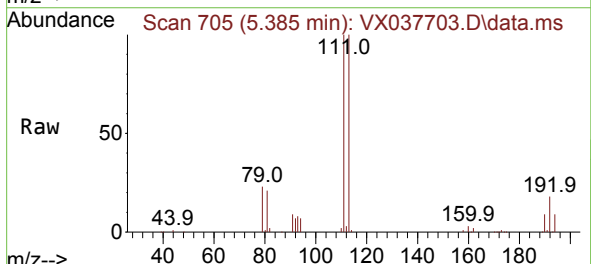
Instrument :
MSVOA_X
ClientSampleId :

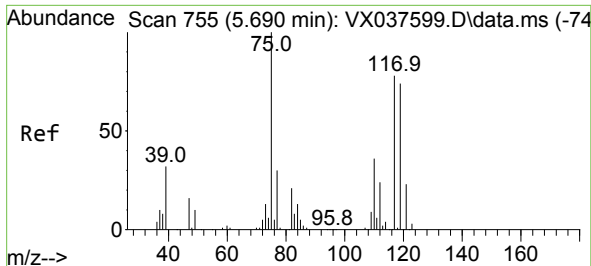
Tgt Ion:114 Resp: 404239
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.722 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

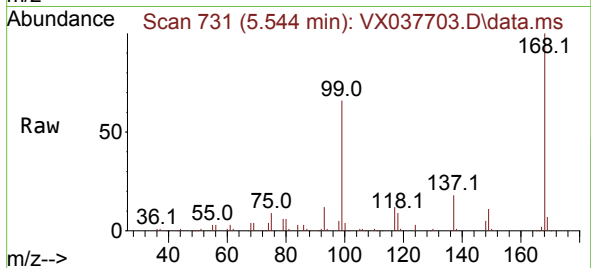
Tgt Ion:113 Resp: 128141
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.7 13.3 19.9



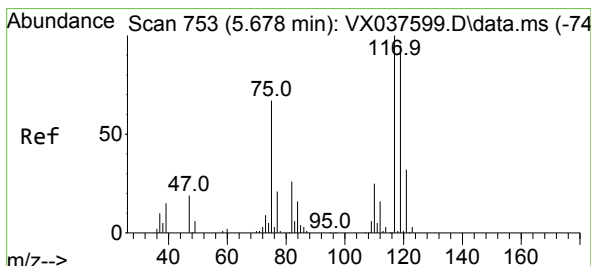
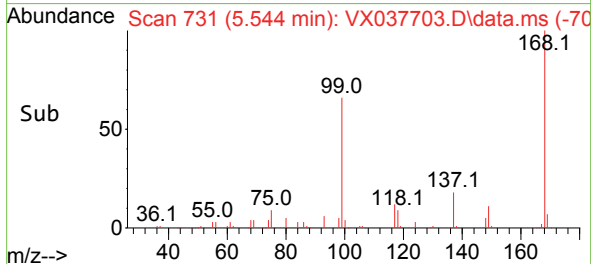
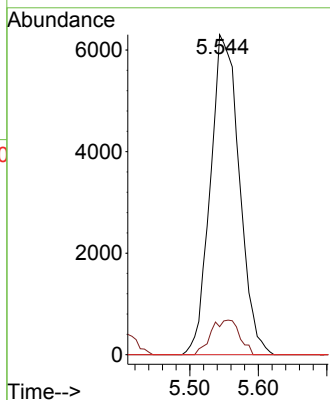


#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

Instrument :
MSVOA_X
ClientSampleId :

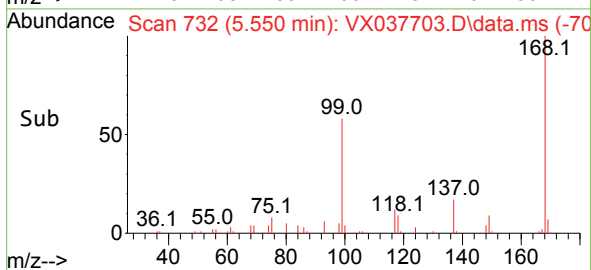
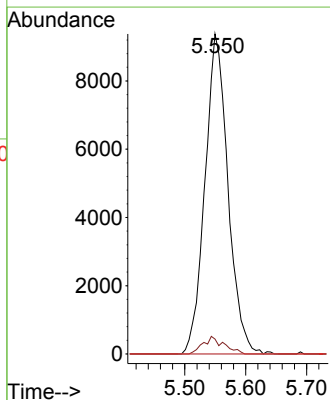
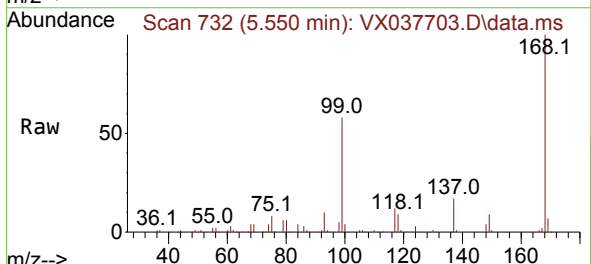


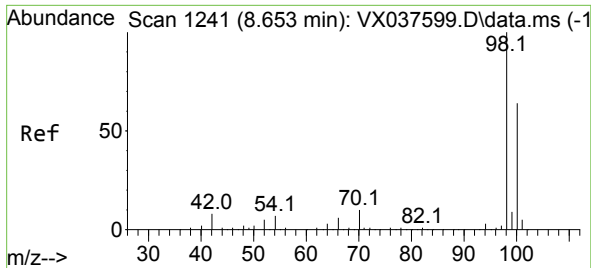
Tgt Ion: 75 Resp: 18470
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.191 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

Tgt Ion: 117 Resp: 24652
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

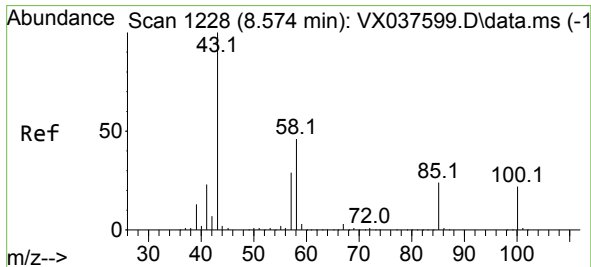
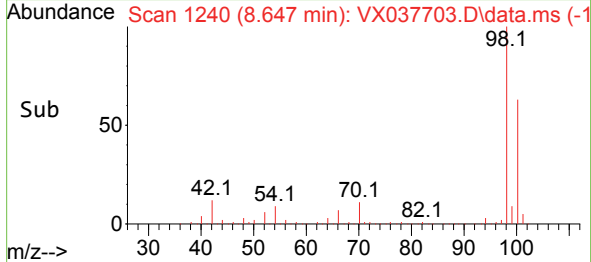
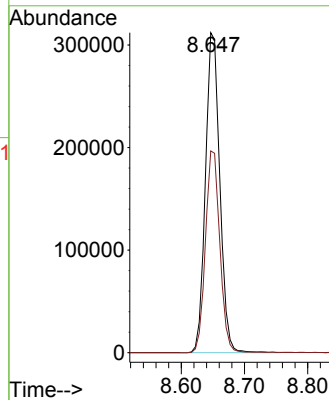
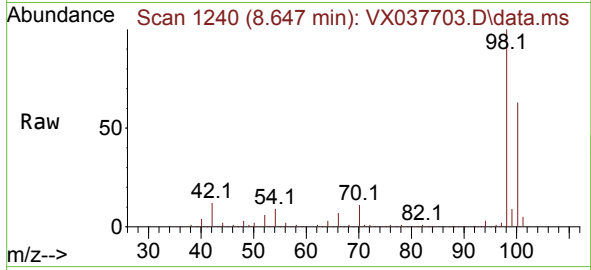




#50
Toluene-d8
Concen: 45.653 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

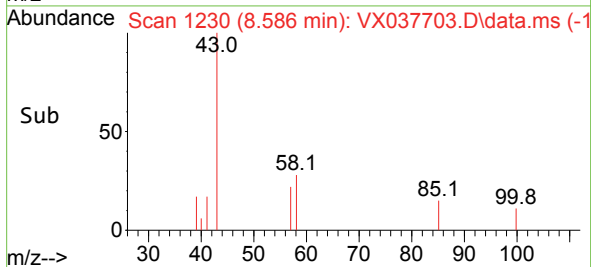
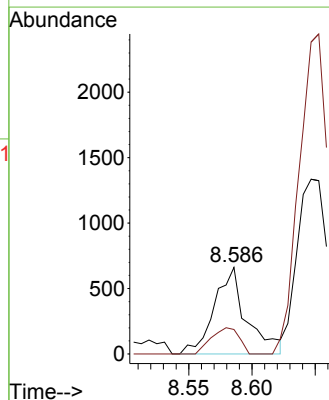
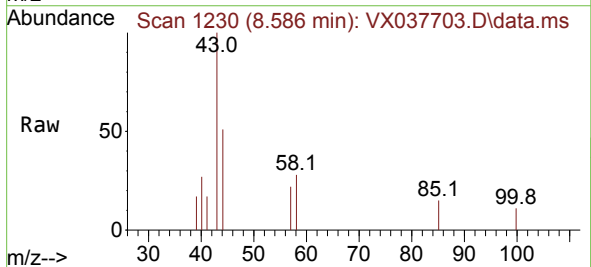
Instrument :
MSVOA_X
ClientSampleId :

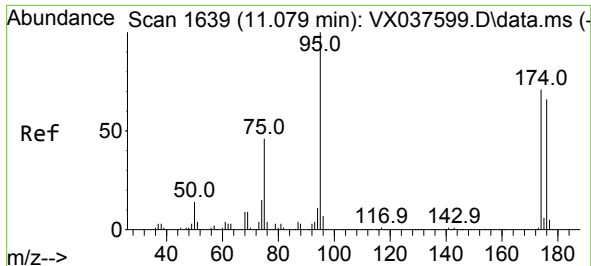
Tgt Ion: 98 Resp: 493333
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.253 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 26.0 30.4 45.6#

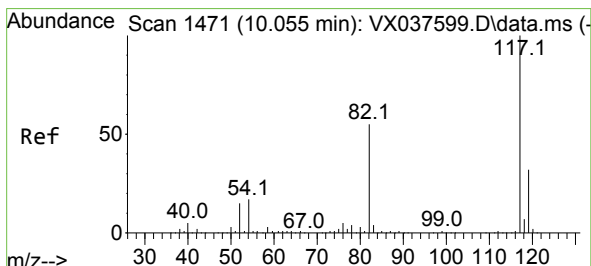
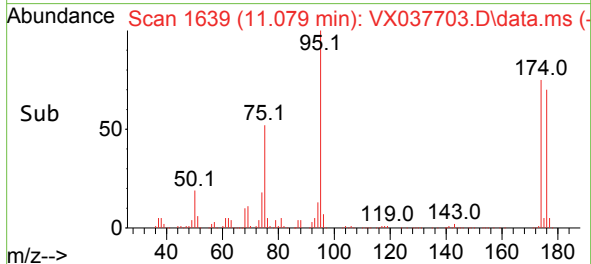
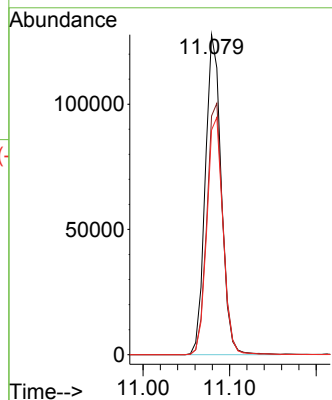
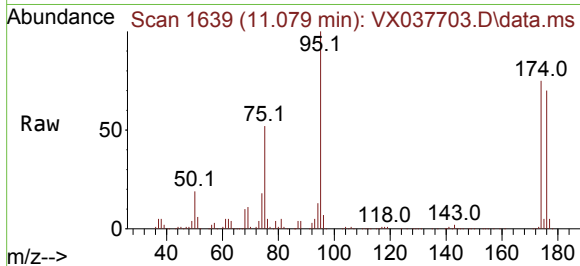




#62
4-Bromofluorobenzene
Concen: 41.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

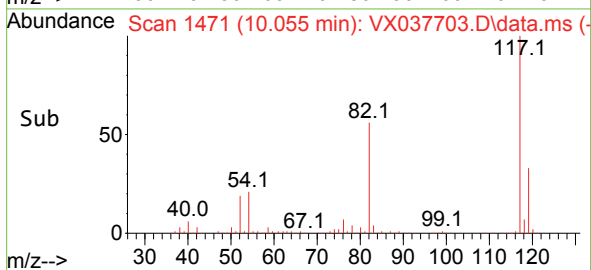
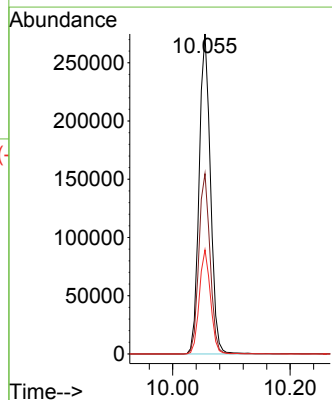
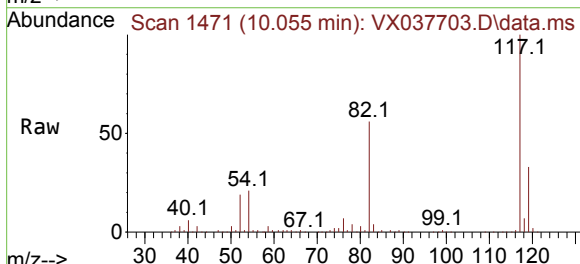
Instrument :
MSVOA_X
ClientSampleId :

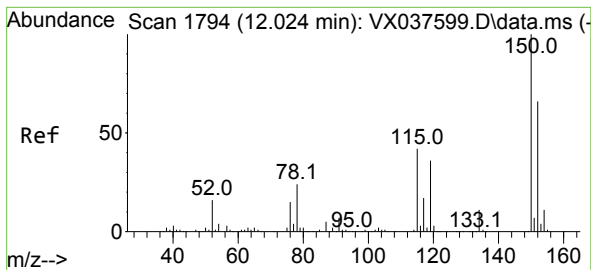
Tgt Ion: 95 Resp: 162920
Ion Ratio Lower Upper
95 100
174 79.5 0.0 135.6
176 75.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

Tgt Ion: 117 Resp: 366311
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.6 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: VX037703.D

Acq: 13 Sep 2023 18:33

Instrument :

MSVOA_X

ClientSampleId :

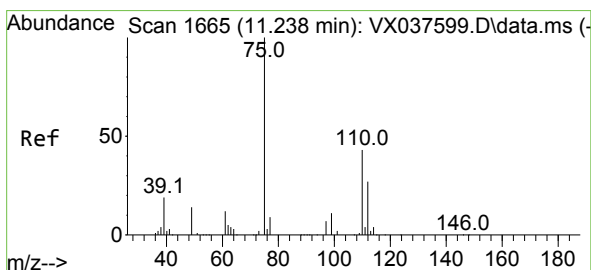
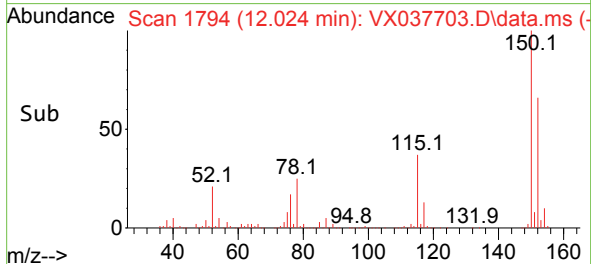
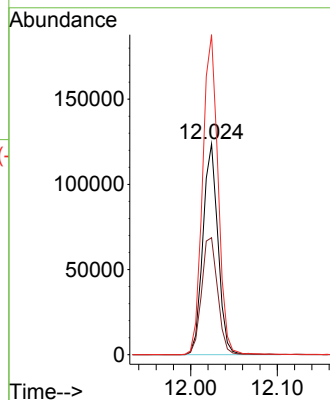
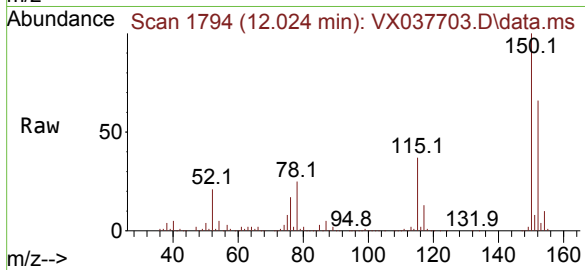
Tgt Ion:152 Resp: 149627

Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 155.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.705 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037703.D

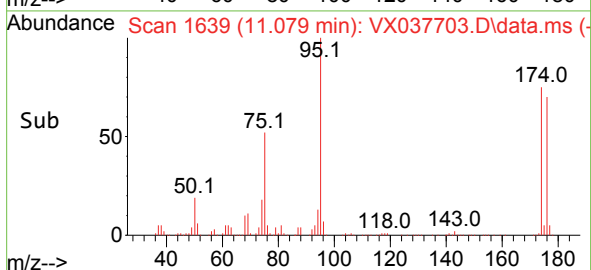
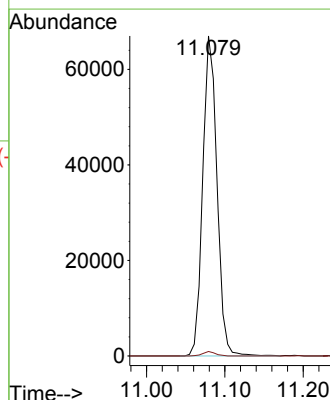
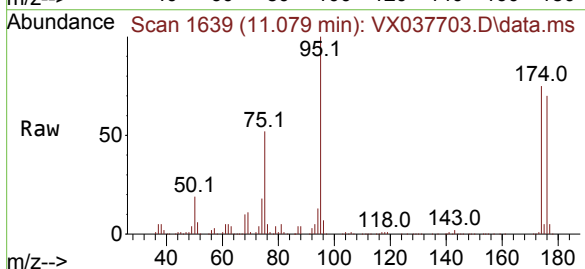
Acq: 13 Sep 2023 18:33

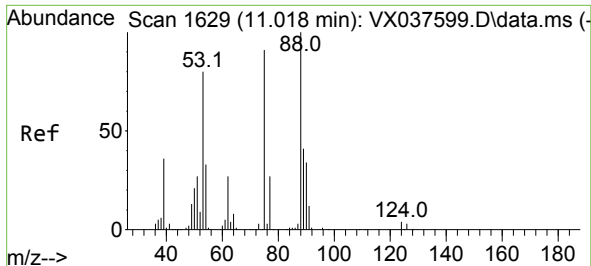
Tgt Ion: 75 Resp: 84557

Ion Ratio Lower Upper

75 100

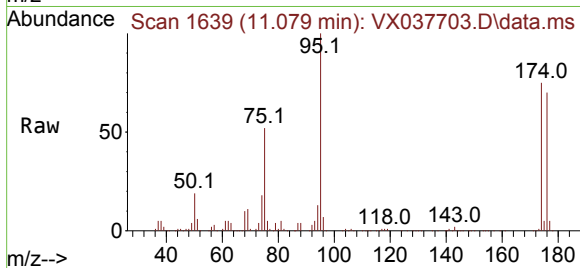
77 1.2 19.1 57.5#



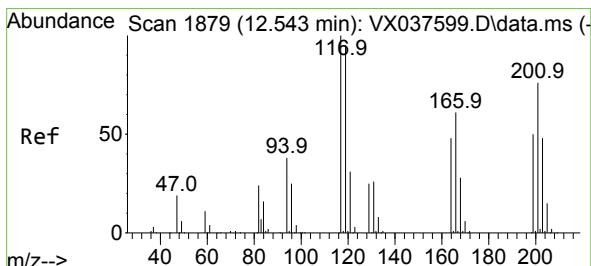
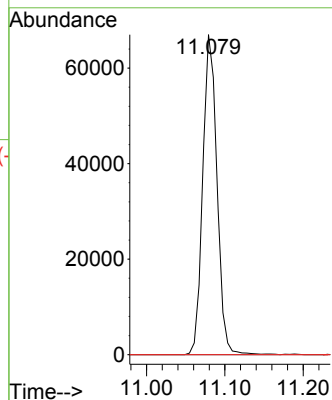
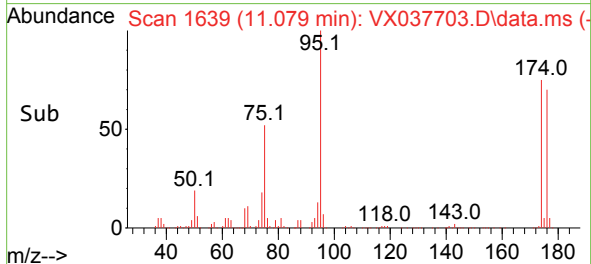


#81
trans-1,4-Dichloro-2-butene
Concen: 78.136 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 84557
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#90
Hexachloroethane
Concen: 0.272 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX037703.D
Acq: 13 Sep 2023 18:33

Tgt Ion: 117 Resp: 439
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#

