

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038860.D
 Acq On : 16 Nov 2023 23:59
 Operator : JC/MD
 Sample : 05403-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 03:22:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

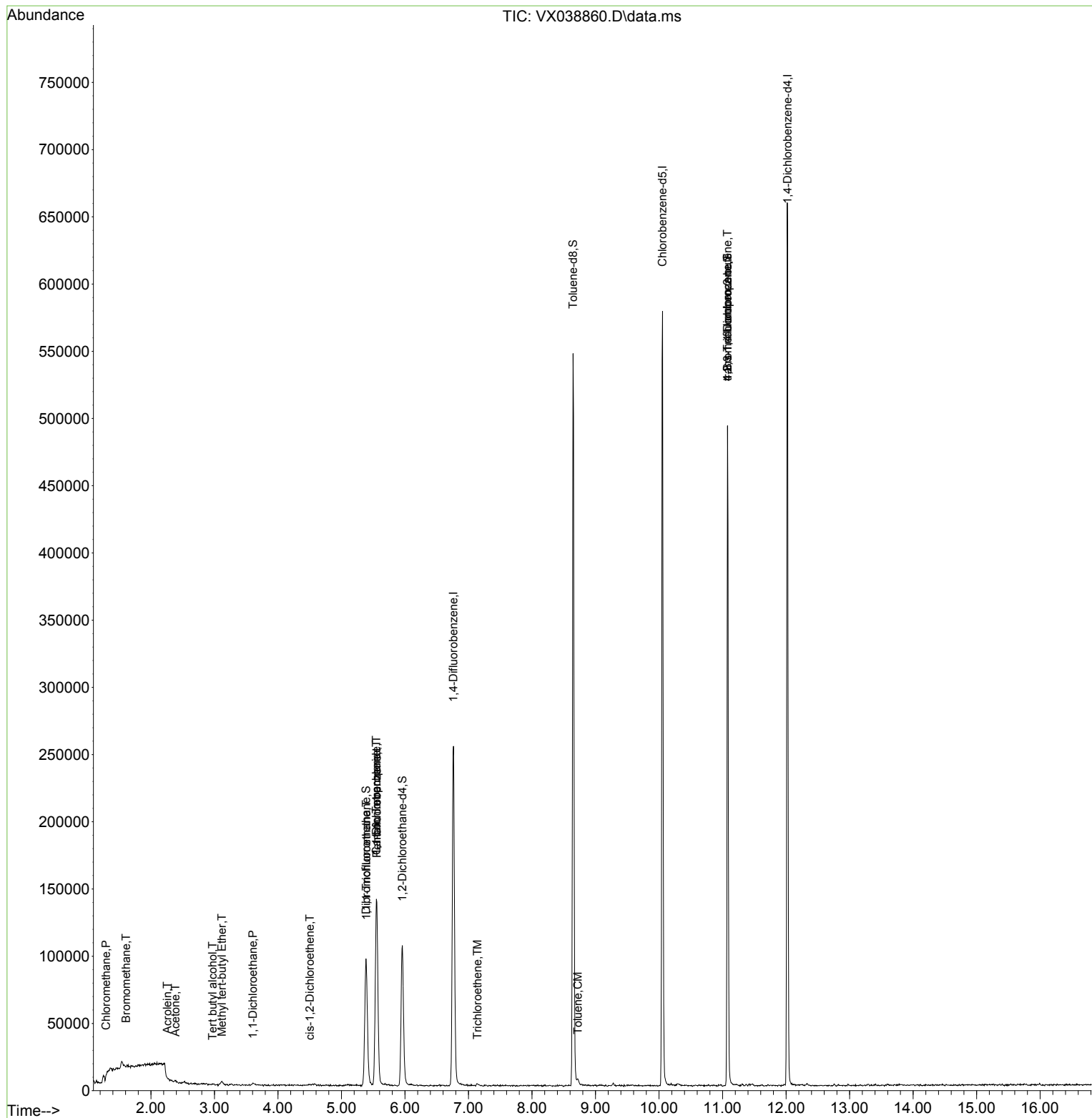
Internal Standards						
1) Pentafluorobenzene	5.556	168	126328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96457	47.385	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.780%		
35) Dibromofluoromethane	5.385	113	83736	44.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.460%		
50) Toluene-d8	8.647	98	331463	45.758	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.520%#		
62) 4-Bromofluorobenzene	11.079	95	140509	48.455	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	473	0.246	ug/l	95
5) Bromomethane	1.605	94	306	0.399	ug/l #	23
11) Tert butyl alcohol	2.971	59	377	0.666	ug/l #	7
13) Acrolein	2.258	56	94	0.314	ug/l #	14
16) Acetone	2.386	43	1806	1.667	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	2911	0.526	ug/l	92
24) 1,1-Dichloroethane	3.605	63	1900	0.588	ug/l #	78
27) cis-1,2-Dichloroethene	4.501	96	595	0.294	ug/l	48
32) 1,1,1-Trichloroethane	5.391	97	721	0.264	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	11431	4.213	ug/l #	54
38) Carbon Tetrachloride	5.550	117	13732	5.475	ug/l #	15
44) Trichloroethene	7.141	130	462	0.236	ug/l	87
52) Toluene	8.720	92	1463	0.294	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	71452	21.830	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	71452	48.421	ug/l #	5

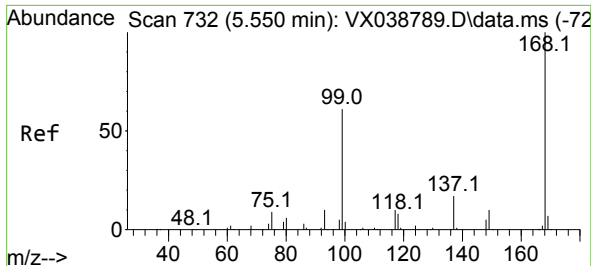
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
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Quant Time: Nov 17 03:22:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

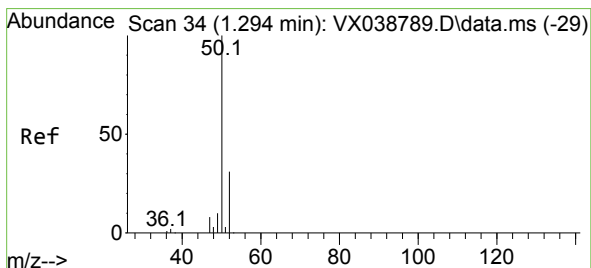
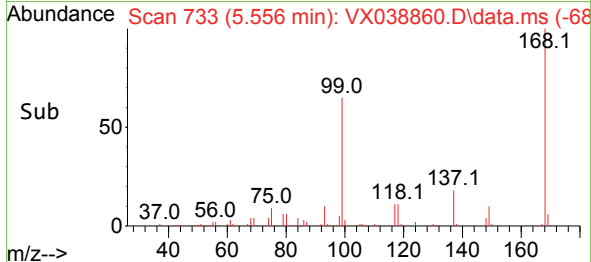
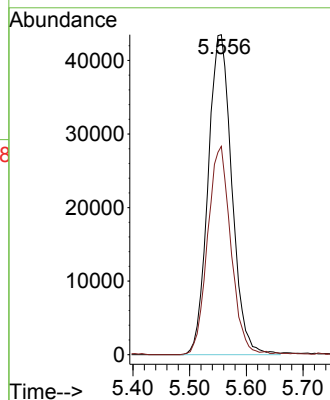
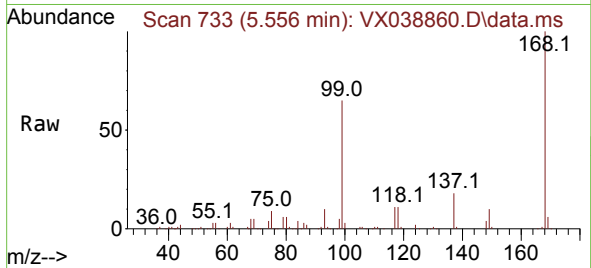




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

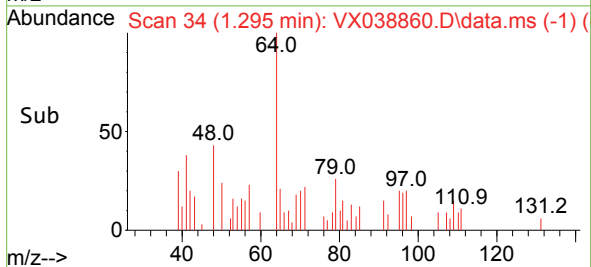
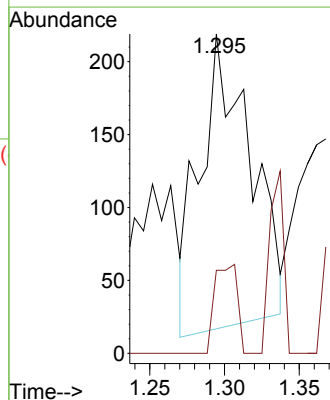
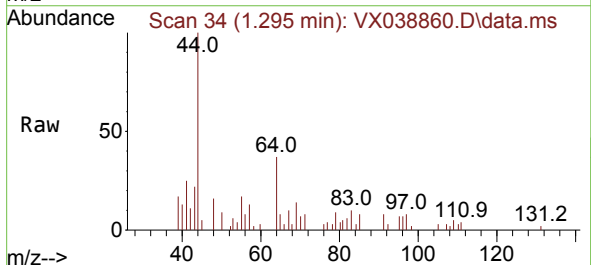
Instrument :
MSVOA_X
ClientSampleId :

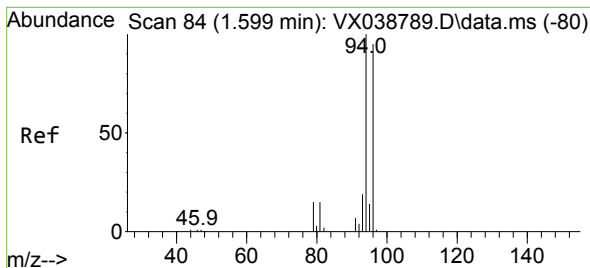
Tgt Ion:168 Resp: 126328
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0



#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 34.5 25.5 38.3





#5

Bromomethane

Concen: 0.399 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX038860.D

Acq: 16 Nov 2023 23:59

Instrument :

MSVOA_X

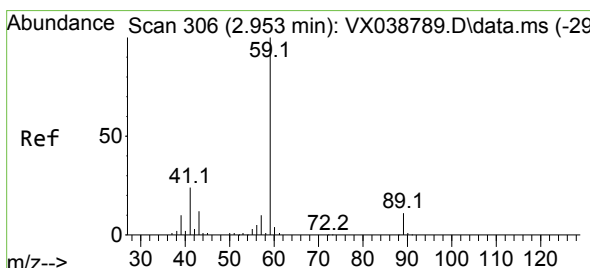
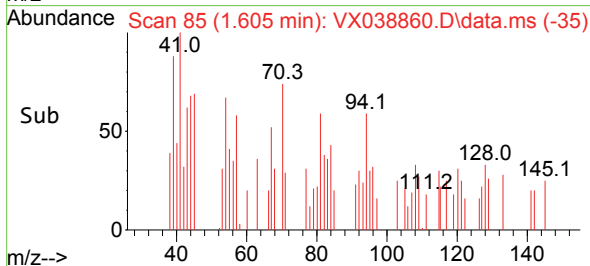
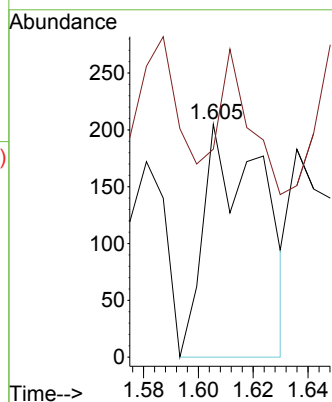
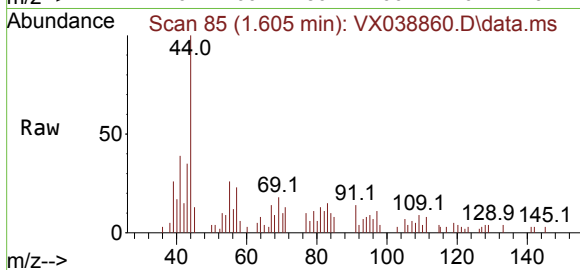
ClientSampleId :

Tgt Ion: 94 Resp: 306

Ion Ratio Lower Upper

94 100

96 19.5 74.6 111.8#



#11

Tert butyl alcohol

Concen: 0.666 ug/l

RT: 2.971 min Scan# 309

Delta R.T. 0.018 min

Lab File: VX038860.D

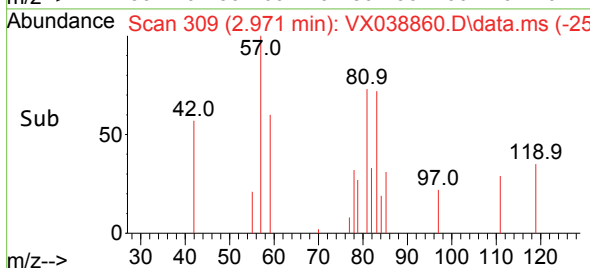
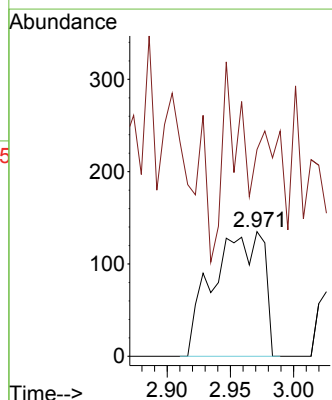
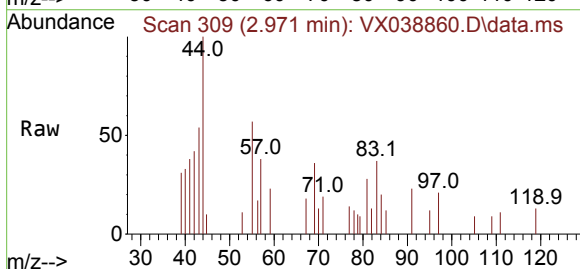
Acq: 16 Nov 2023 23:59

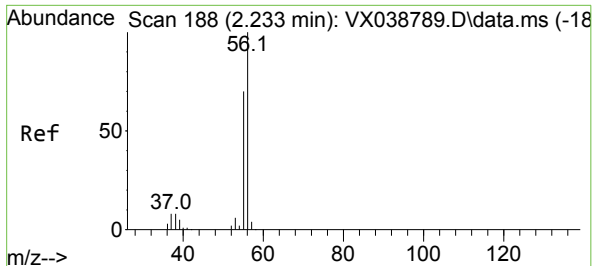
Tgt Ion: 59 Resp: 377

Ion Ratio Lower Upper

59 100

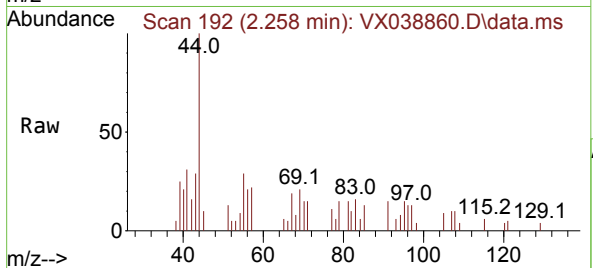
57 39.8 6.0 9.0#



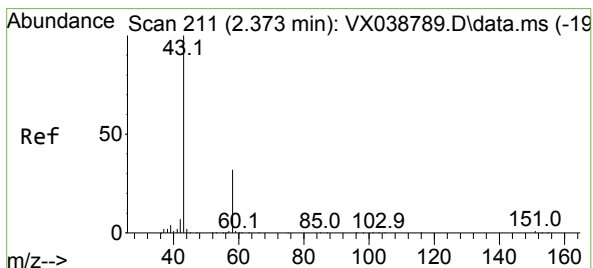
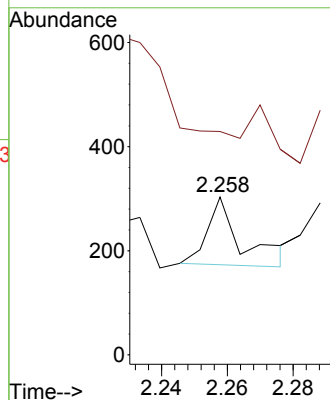
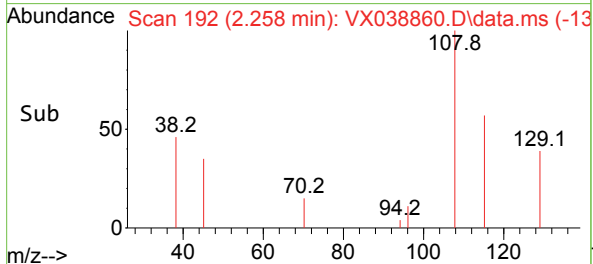


#13
Acrolein
Concen: 0.314 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.025 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

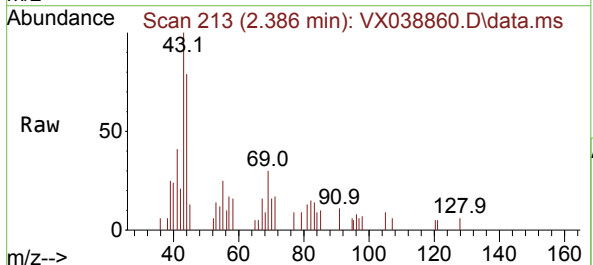
Instrument :
MSVOA_X
ClientSampleId :



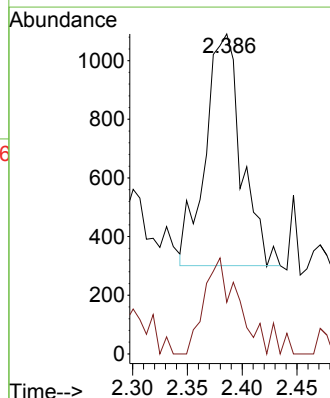
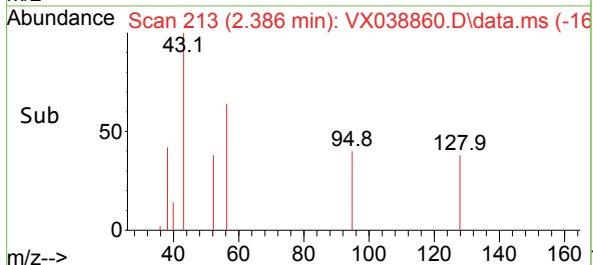
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

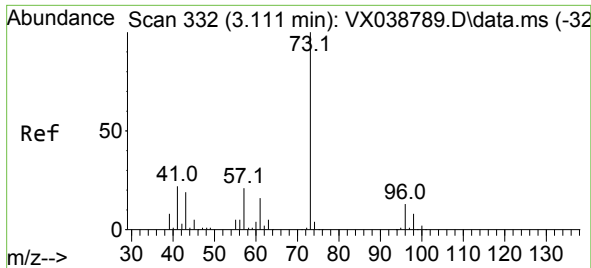


#16
Acetone
Concen: 1.667 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59



Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
58 22.3 21.9 32.9

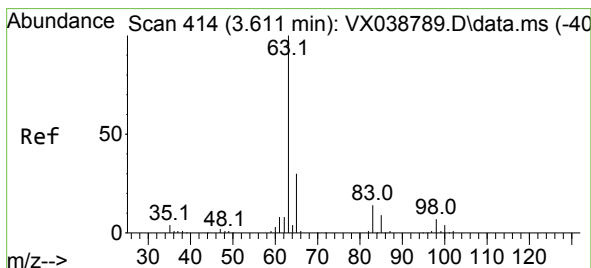
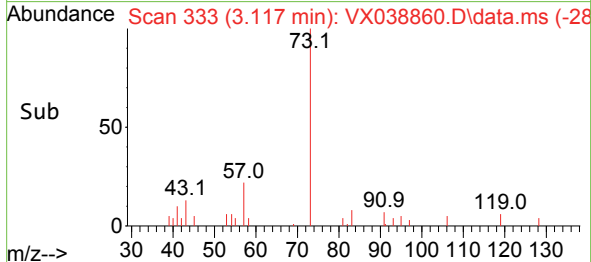
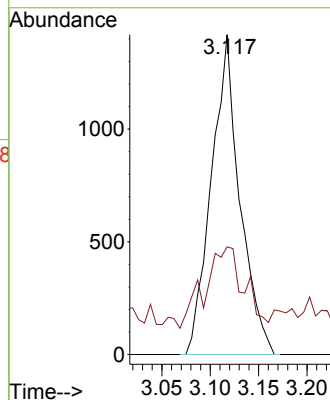
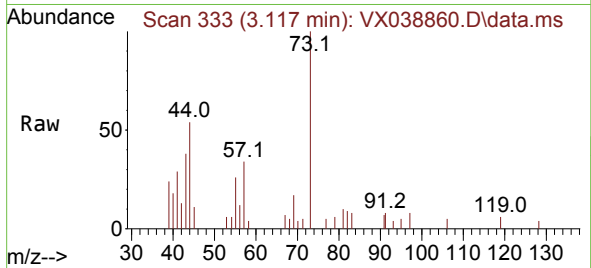




#19
Methyl tert-butyl Ether
Concen: 0.526 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

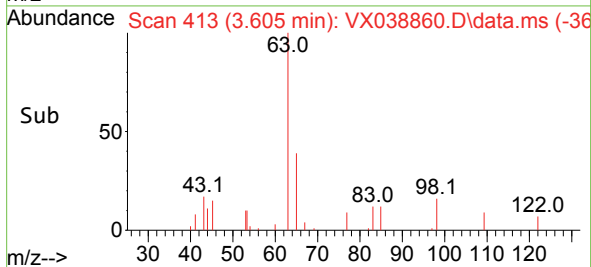
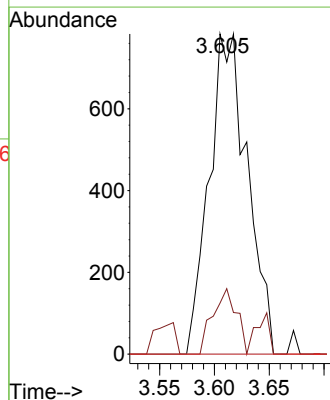
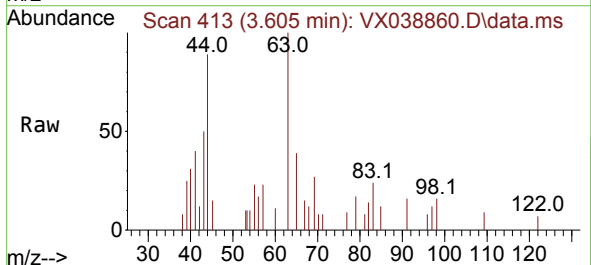
Instrument :
MSVOA_X
ClientSampleId :

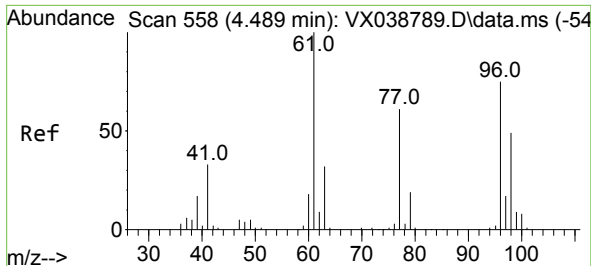
Tgt Ion: 73 Resp: 2911
Ion Ratio Lower Upper
73 100
57 25.4 17.3 25.9



#24
1,1-Dichloroethane
Concen: 0.588 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Tgt Ion: 63 Resp: 1900
Ion Ratio Lower Upper
63 100
98 16.0 3.3 9.8#
100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 0.294 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX038860.D

Acq: 16 Nov 2023 23:59

Instrument :

MSVOA_X

ClientSampleId :

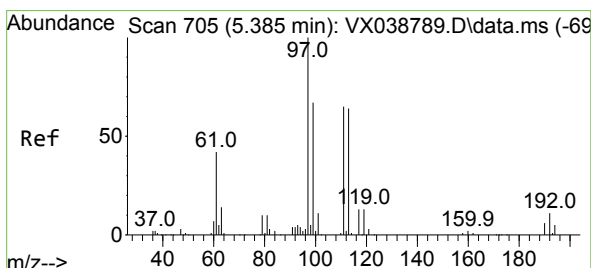
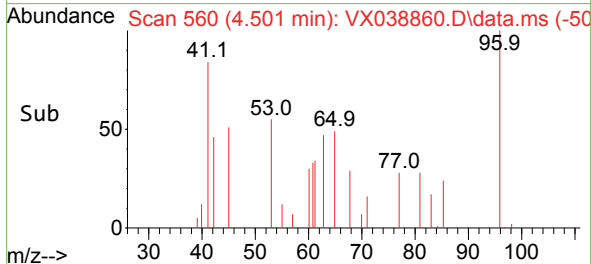
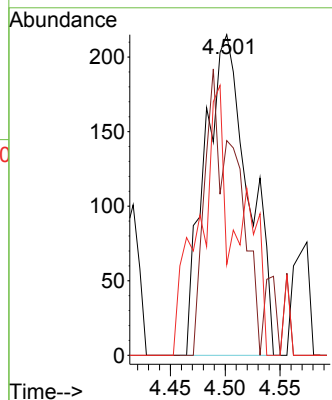
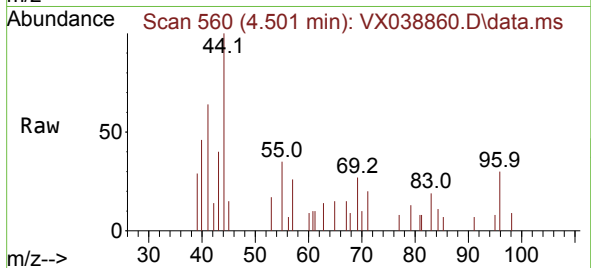
Tgt Ion: 96 Resp: 595

Ion Ratio Lower Upper

96 100

61 64.9 0.0 312.2

98 58.2 0.0 129.0



#32

1,1,1-Trichloroethane

Concen: 0.264 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX038860.D

Acq: 16 Nov 2023 23:59

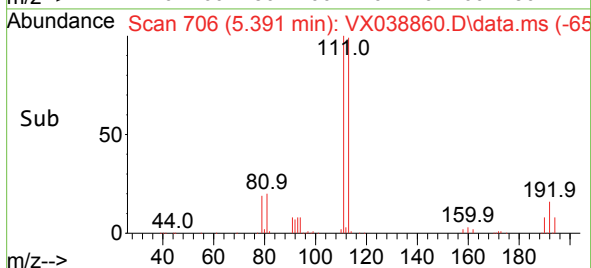
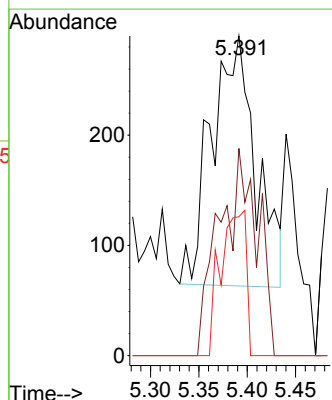
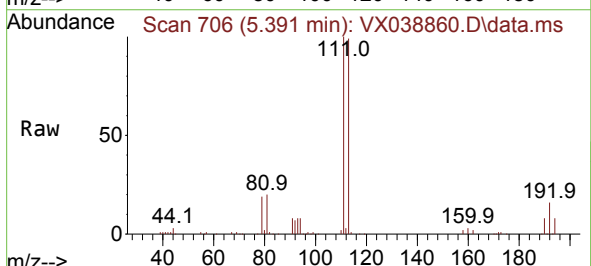
Tgt Ion: 97 Resp: 721

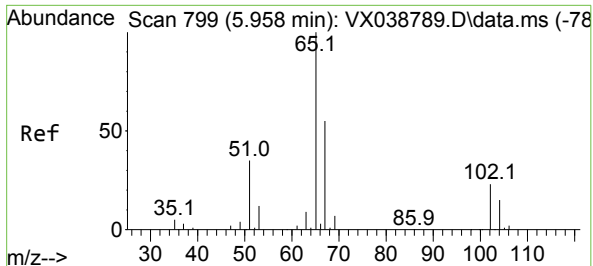
Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 33.4 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 47.385 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038860.D

Acq: 16 Nov 2023 23:59

Instrument :

MSVOA_X

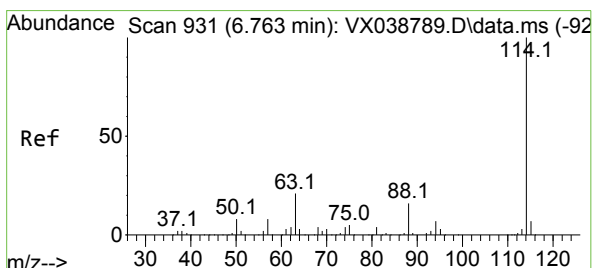
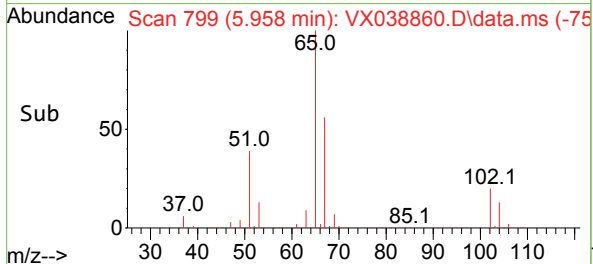
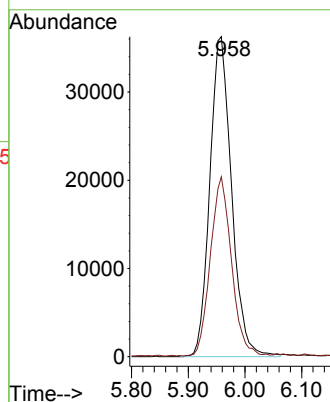
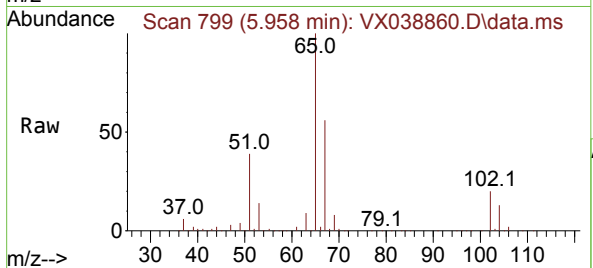
ClientSampleId :

Tgt Ion: 65 Resp: 96457

Ion Ratio Lower Upper

65 100

67 54.4 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: VX038860.D

Acq: 16 Nov 2023 23:59

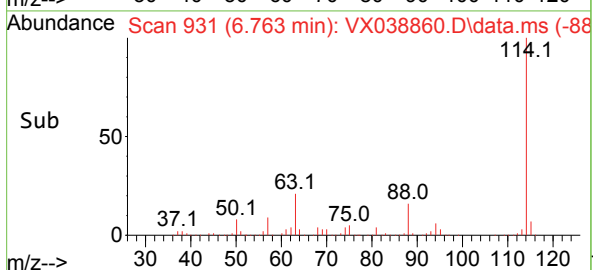
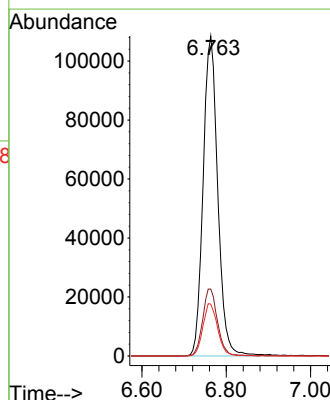
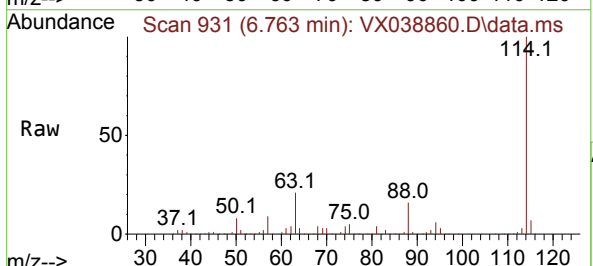
Tgt Ion:114 Resp: 262148

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

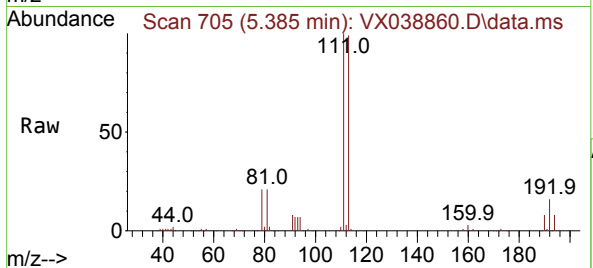
88 16.2 0.0 36.6



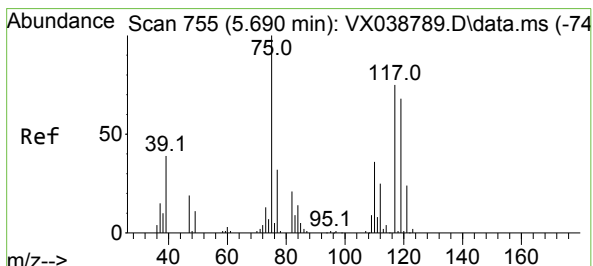
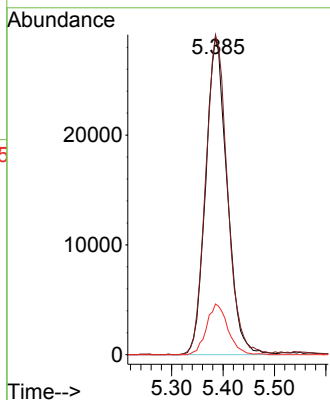
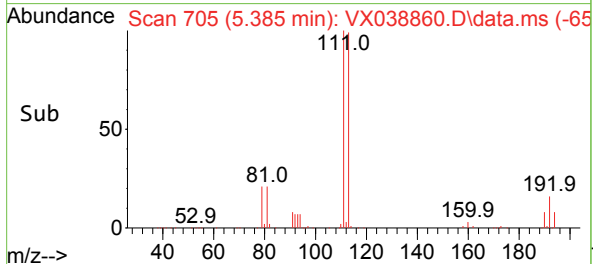


#35
Dibromofluoromethane
Concen: 44.228 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Instrument :
MSVOA_X
ClientSampleId :

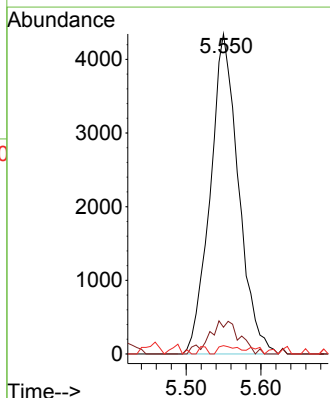
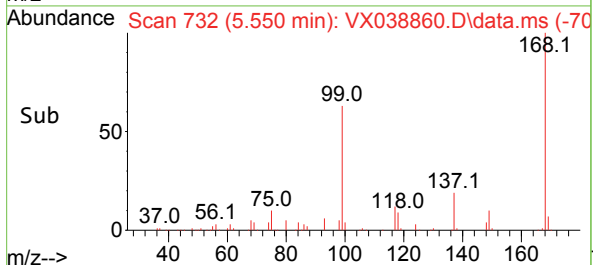
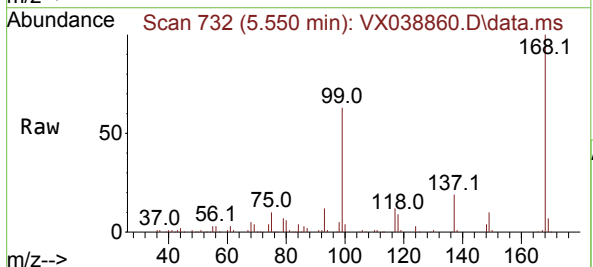


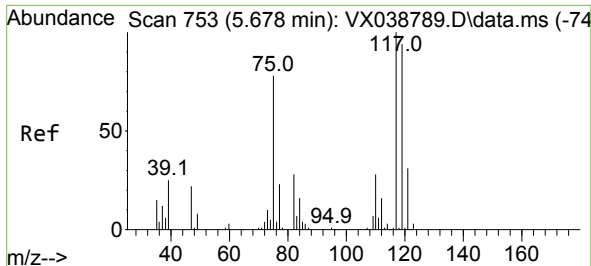
Tgt Ion:113 Resp: 83736
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.213 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

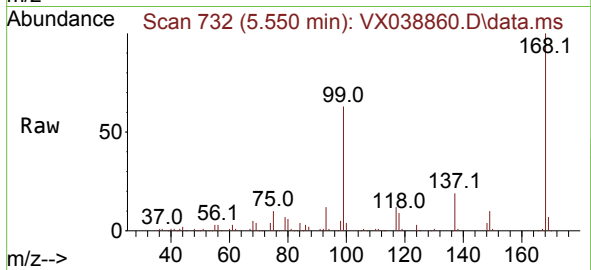
Tgt Ion: 75 Resp: 11431
Ion Ratio Lower Upper
75 100
110 11.0 17.0 50.9#
77 1.9 24.7 37.1#



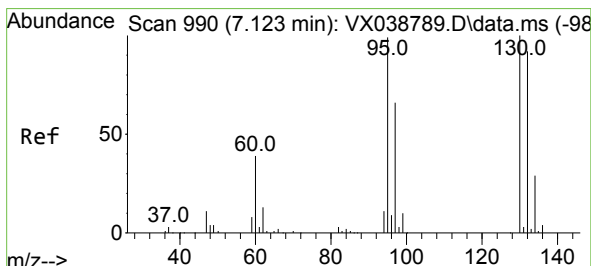
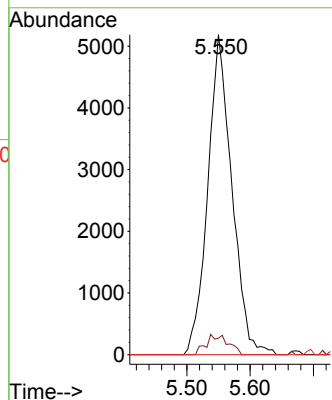
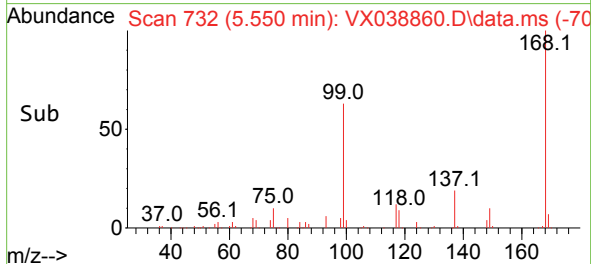


#38
Carbon Tetrachloride
Concen: 5.475 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Instrument :
MSVOA_X
ClientSampleId :

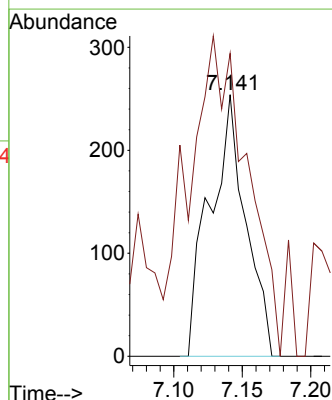
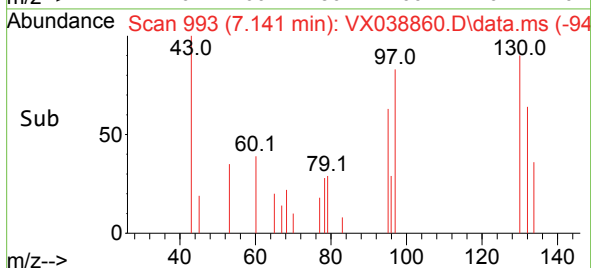
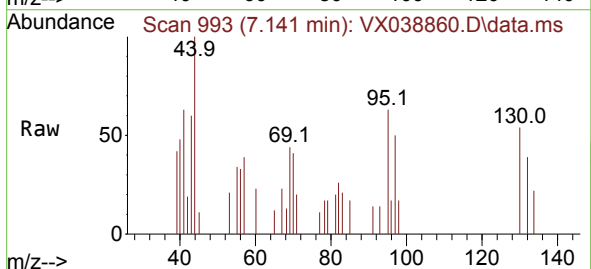


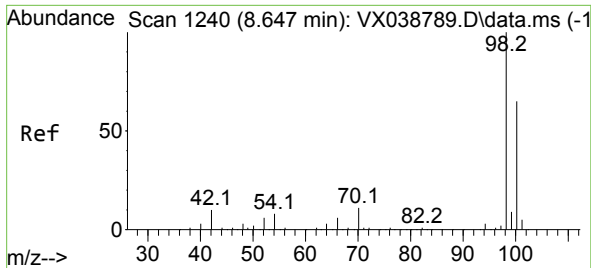
Tgt Ion:117 Resp: 13732
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.236 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Tgt Ion:130 Resp: 462
Ion Ratio Lower Upper
130 100
95 115.7 0.0 204.4

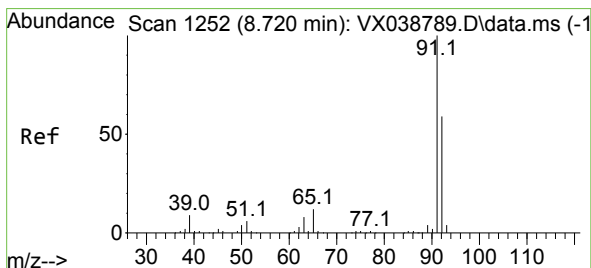
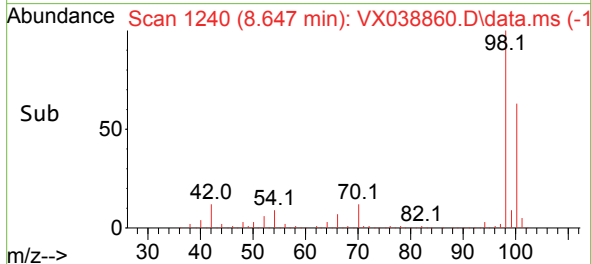
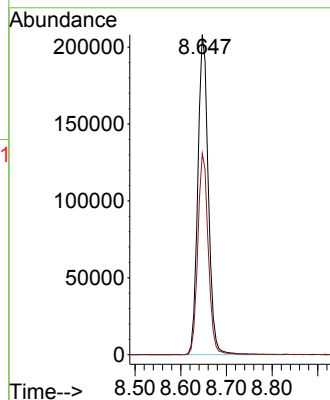
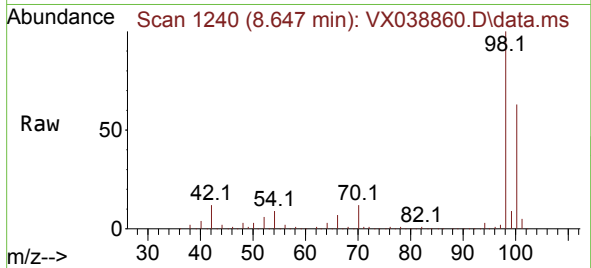




#50
Toluene-d8
Concen: 45.758 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

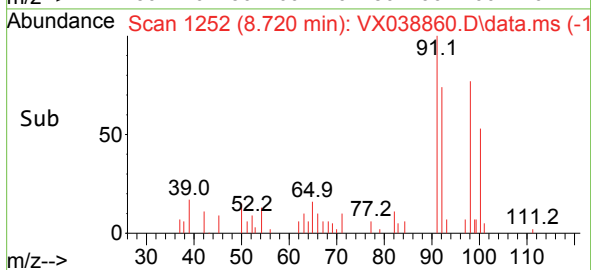
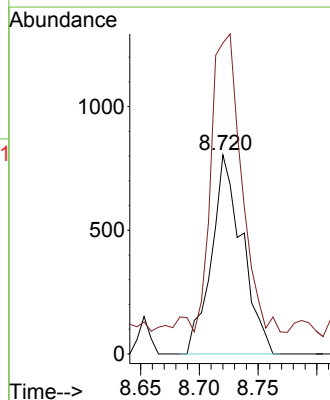
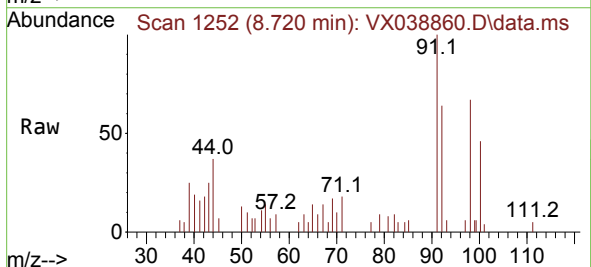
Instrument :
MSVOA_X
ClientSampleId :

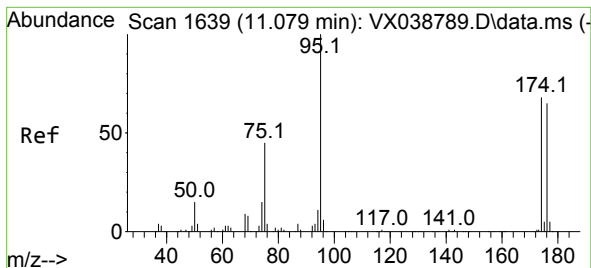
Tgt Ion: 98 Resp: 331463
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#52
Toluene
Concen: 0.294 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Tgt Ion: 92 Resp: 1463
Ion Ratio Lower Upper
92 100
91 164.9 134.2 201.2

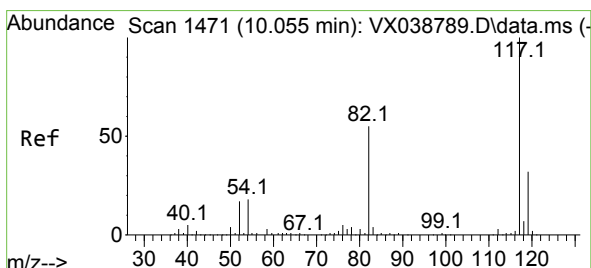
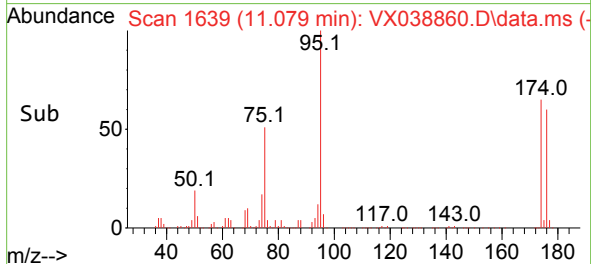
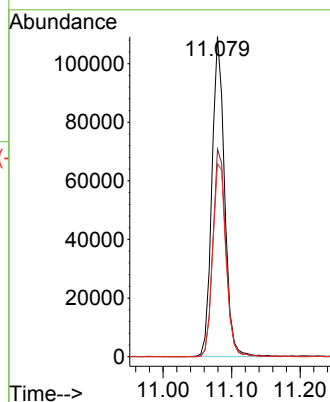
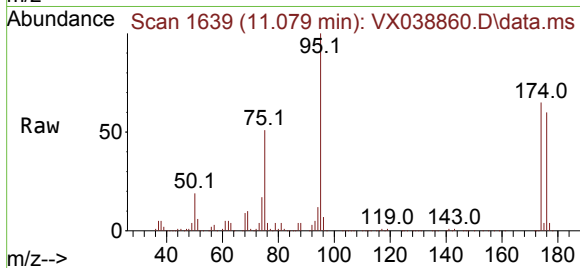




#62
4-Bromofluorobenzene
Concen: 48.455 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

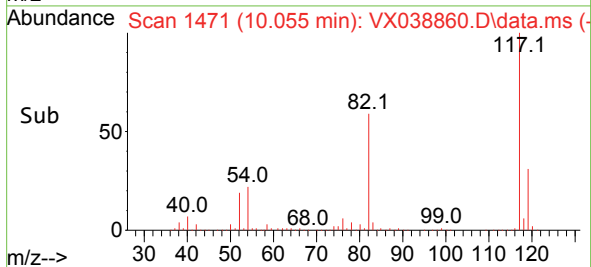
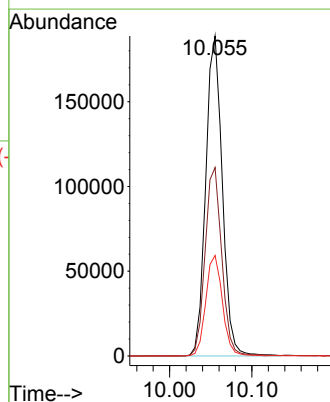
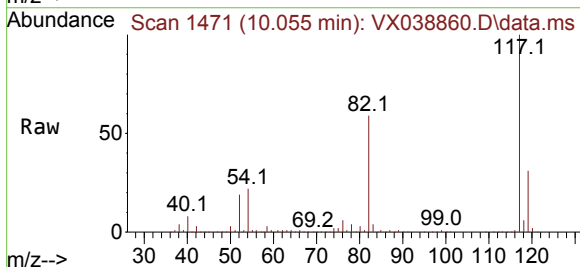
Instrument :
MSVOA_X
ClientSampleId :

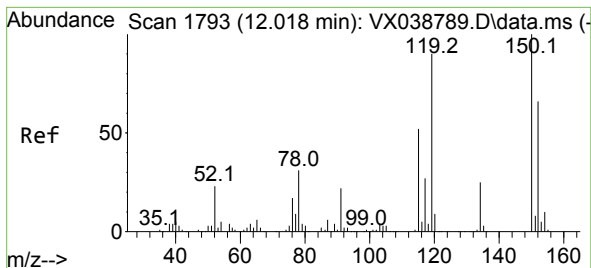
Tgt Ion: 95 Resp: 140509
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Tgt Ion: 117 Resp: 264296
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038860.D

Acq: 16 Nov 2023 23:59

Instrument :

MSVOA_X

ClientSampleId :

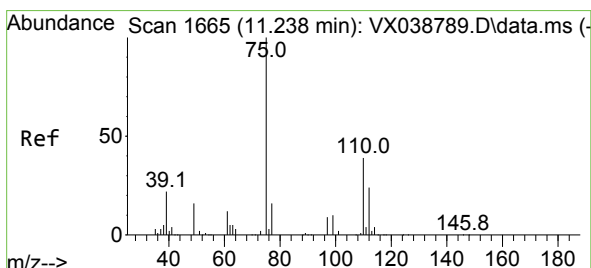
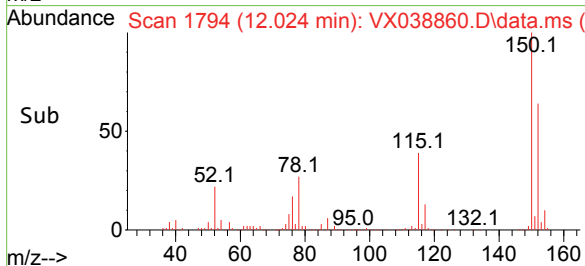
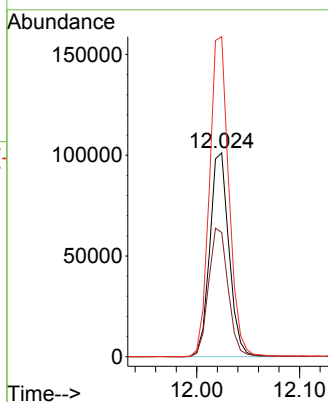
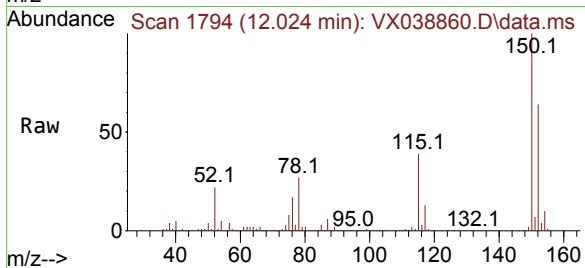
Tgt Ion:152 Resp: 131188

Ion Ratio Lower Upper

152 100

115 64.2 43.3 129.9

150 159.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.830 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038860.D

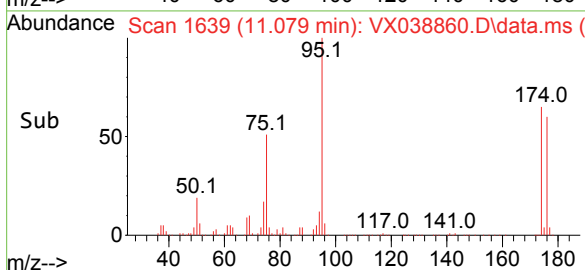
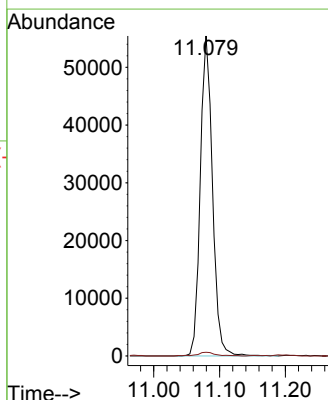
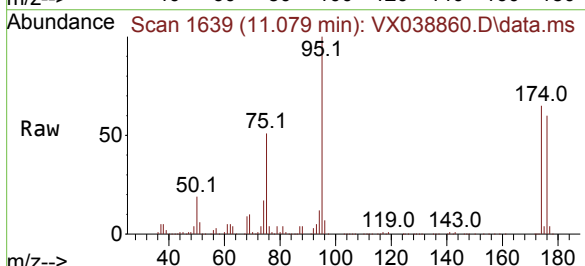
Acq: 16 Nov 2023 23:59

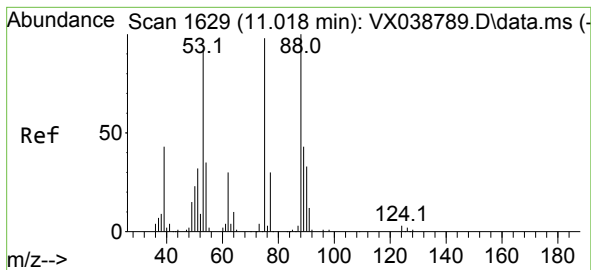
Tgt Ion: 75 Resp: 71452

Ion Ratio Lower Upper

75 100

77 1.7 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.421 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038860.D
 Acq: 16 Nov 2023 23:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 71452
 Ion Ratio Lower Upper
 75 100
 53 0.2 90.5 135.7#
 89 0.0 36.9 55.3#

