

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037587.D
 Acq On : 07 Sep 2023 18:43
 Operator : JC/MD
 Sample : 04326-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 00:48:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

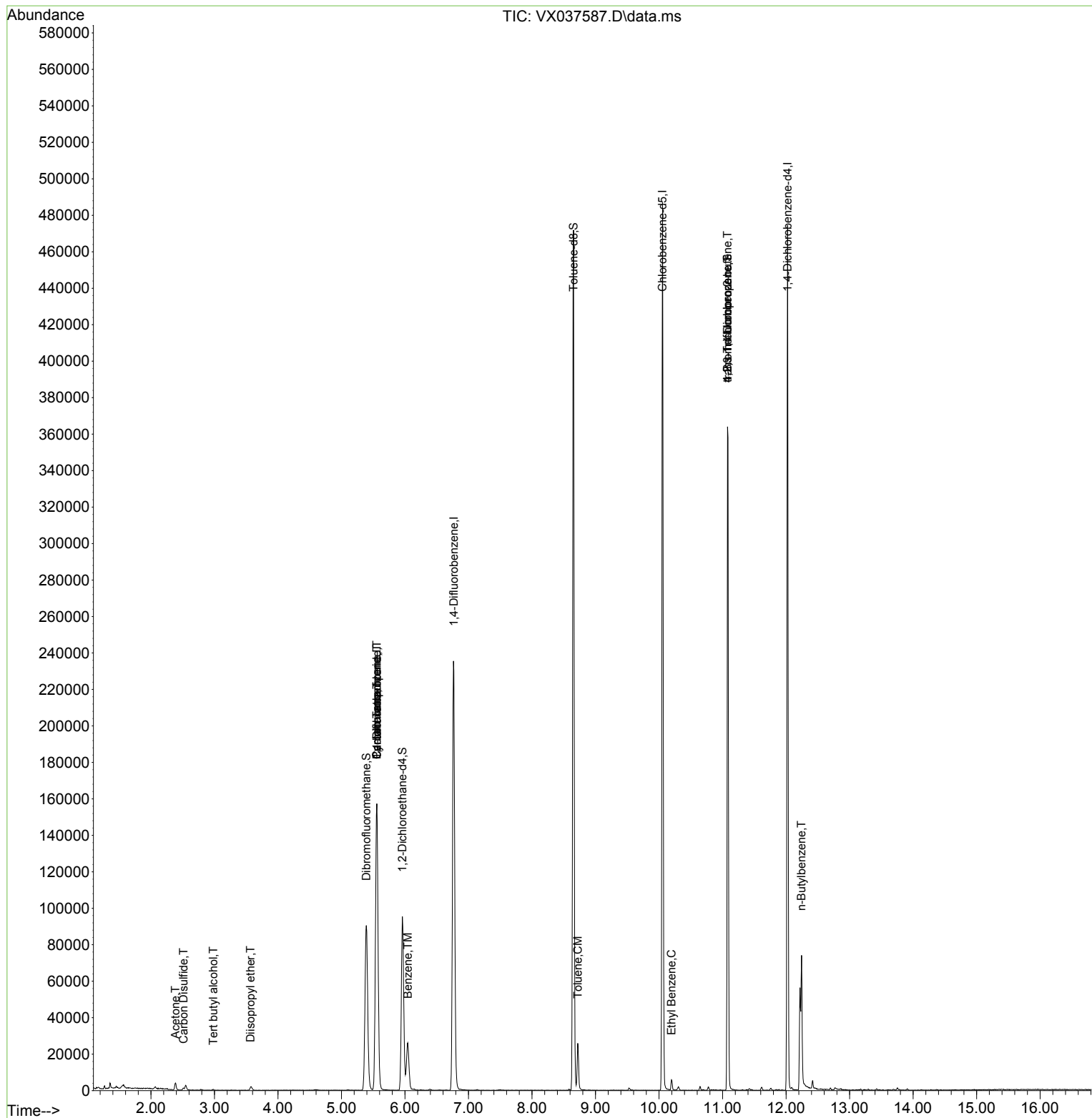
Internal Standards						
1) Pentafluorobenzene	5.555	168	151274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90863	41.663	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.320%		
35) Dibromofluoromethane	5.391	113	83477	49.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	8.652	98	288852	46.841	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.680%		
62) 4-Bromofluorobenzene	11.079	95	109236	45.075	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.140%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	525	1.026	ug/l #	78
16) Acetone	2.385	43	4467	5.236	ug/l #	89
17) Carbon Disulfide	2.513	76	1560	0.394	ug/l	100
22) Diisopropyl ether	3.568	45	1080	0.218	ug/l #	1
31) Cyclohexane	5.555	56	2533	1.033	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	11098	4.595	ug/l #	51
38) Carbon Tetrachloride	5.555	117	15724	5.993	ug/l #	17
40) Benzene	6.043	78	33701	4.865	ug/l	99
52) Toluene	8.720	92	10382	2.268	ug/l	98
67) Ethyl Benzene	10.195	91	3999	0.467	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	52014	24.402	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52014	68.155	ug/l #	5
89) n-Butylbenzene	12.243	91	4128	0.856	ug/l #	41

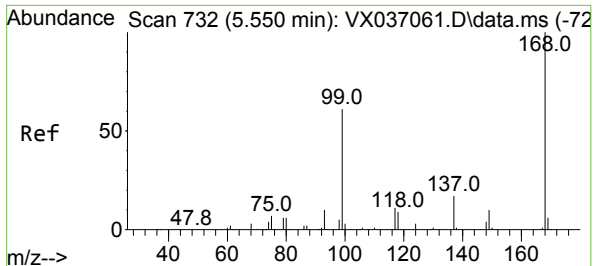
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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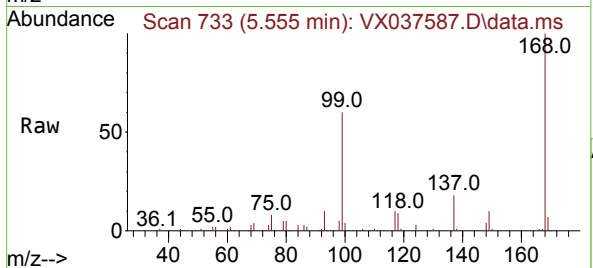
Quant Time: Sep 08 00:48:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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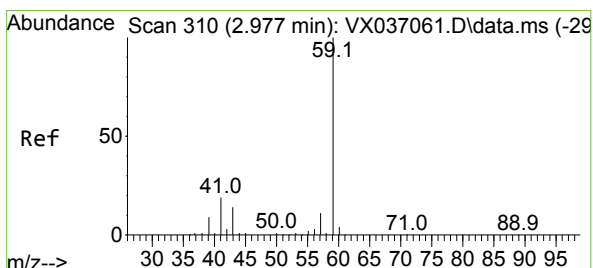
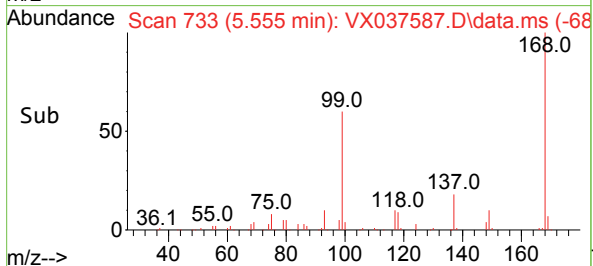
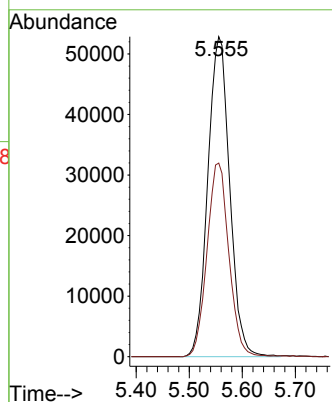


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

Instrument :
MSVOA_X
ClientSampleId :

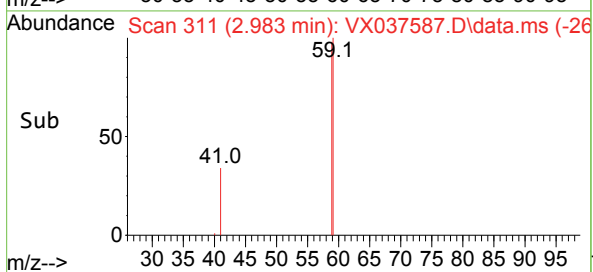
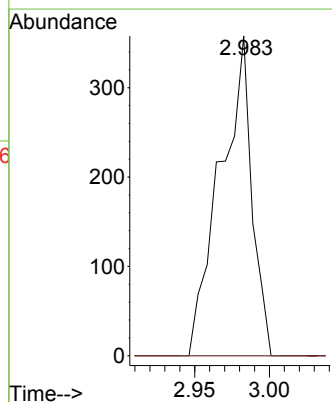
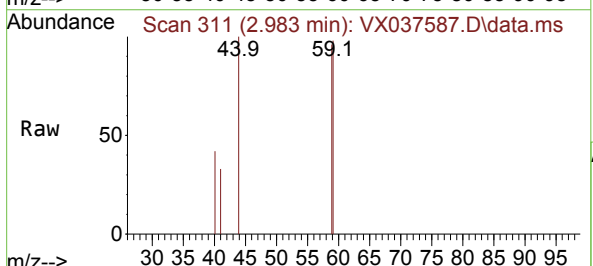


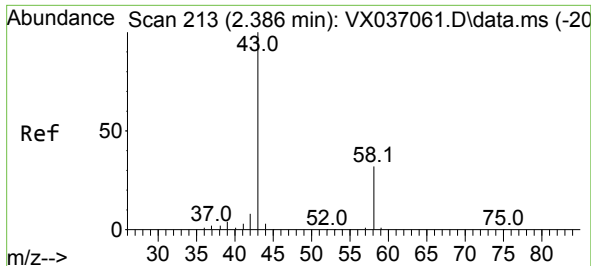
Tgt Ion:168 Resp: 151274
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.026 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

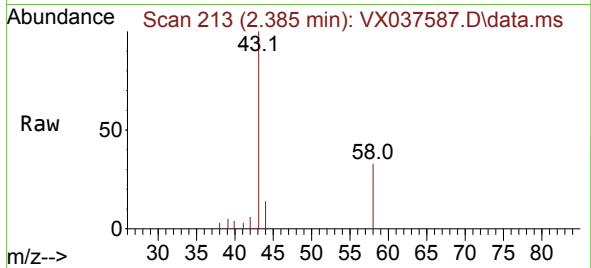
Tgt Ion: 59 Resp: 525
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



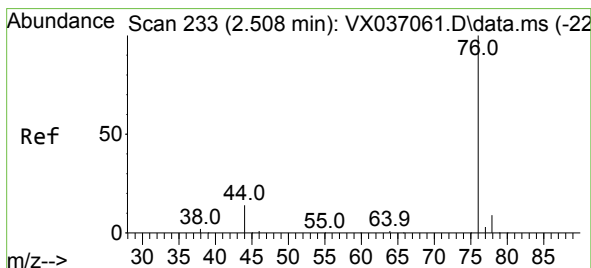
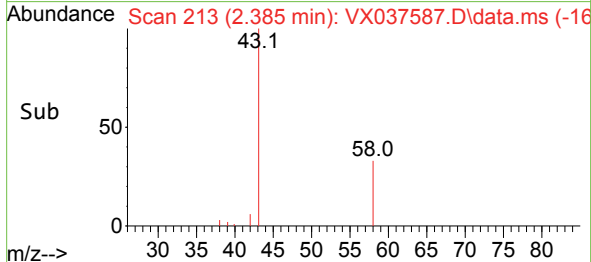
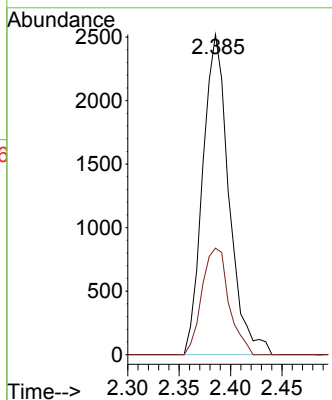


#16
Acetone
Concen: 5.236 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

Instrument :
MSVOA_X
ClientSampleId :

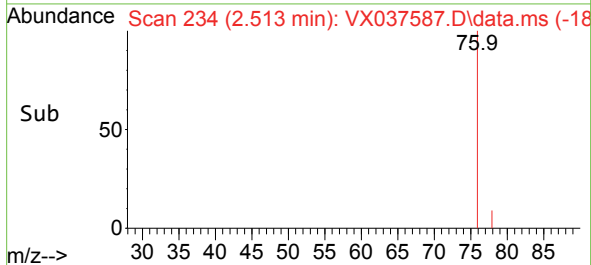
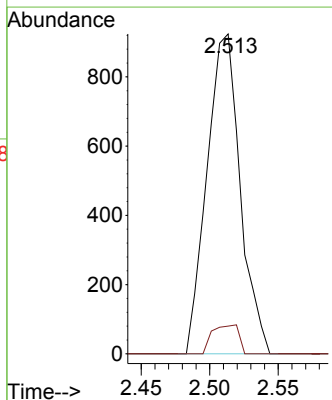
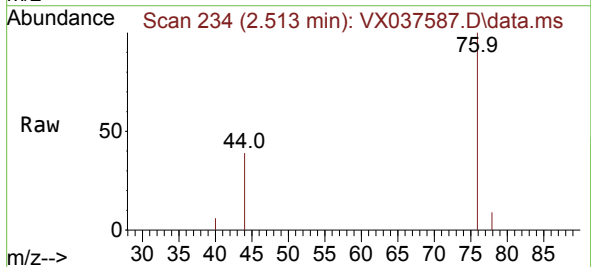


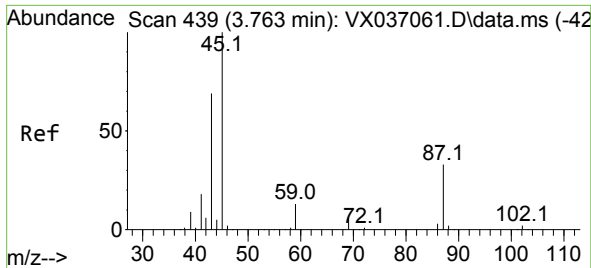
Tgt Ion: 43 Resp: 4467
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.394 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

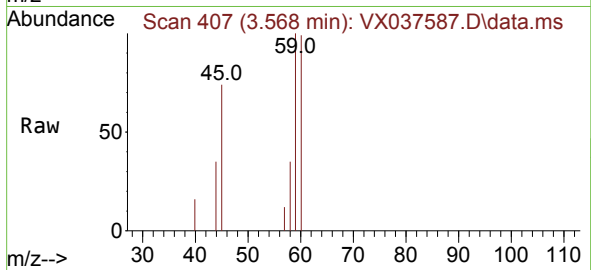
Tgt Ion: 76 Resp: 1560
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



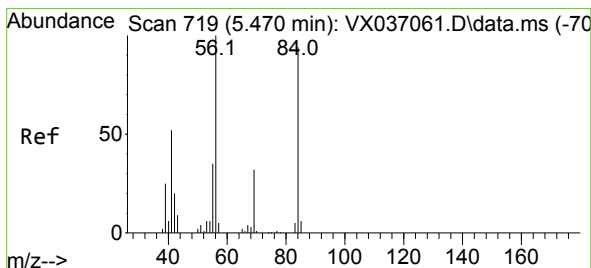
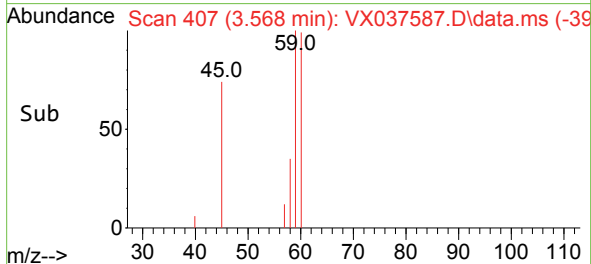
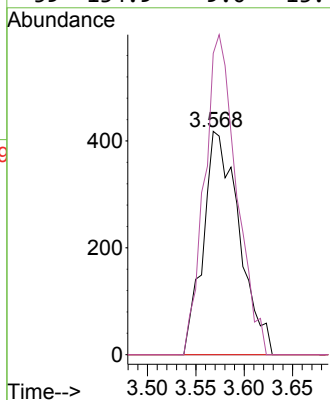


#22
Diisopropyl ether
Concen: 0.218 ug/l
RT: 3.568 min Scan# 407
Delta R.T. -0.195 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

Instrument :
MSVOA_X
ClientSampleId :

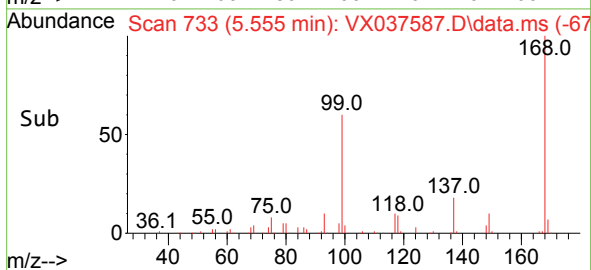
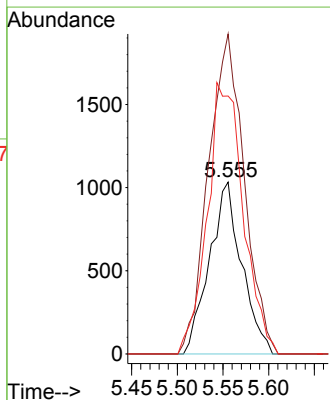
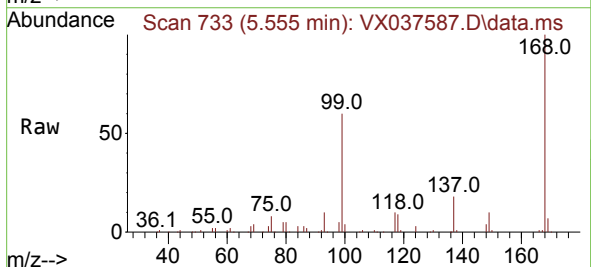


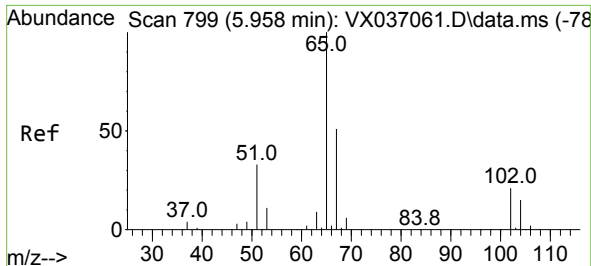
Tgt Ion	Ratio	Lower	Upper
45	100		
43	0.0	69.7	104.5#
87	0.0	20.8	31.2#
59	134.9	9.0	13.4#



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

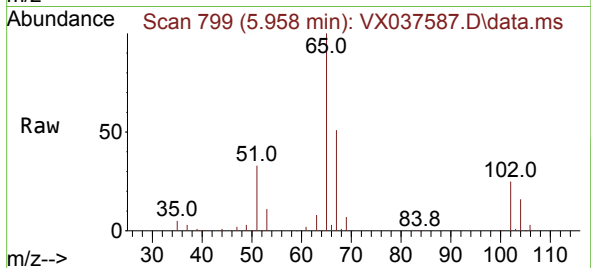
Tgt Ion	Ratio	Lower	Upper
56	100		
69	186.3	23.4	35.2#
84	150.1	65.9	98.9#



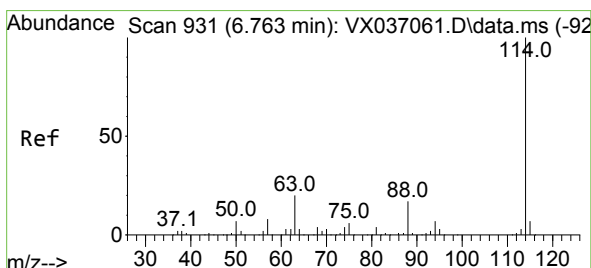
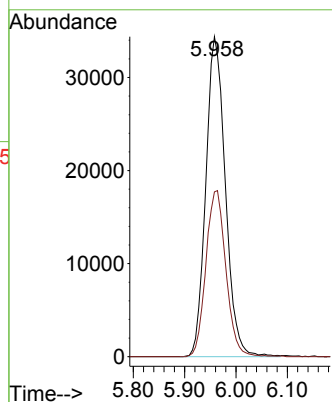
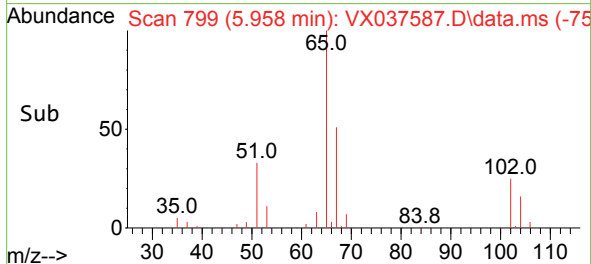


#33
 1,2-Dichloroethane-d4
 Concen: 41.663 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037587.D
 Acq: 07 Sep 2023 18:43

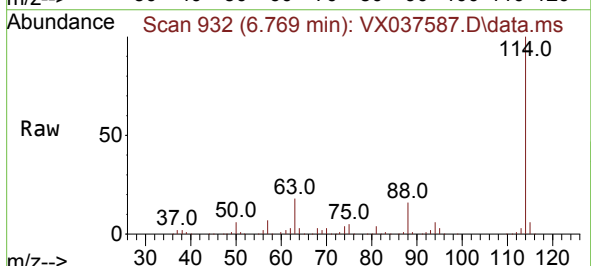
Instrument :
 MSVOA_X
 ClientSampleId :



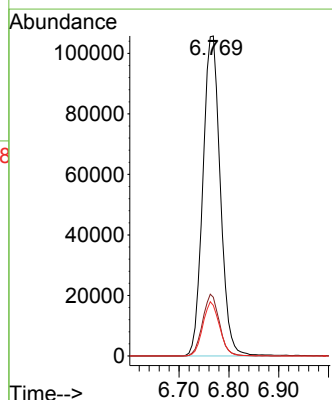
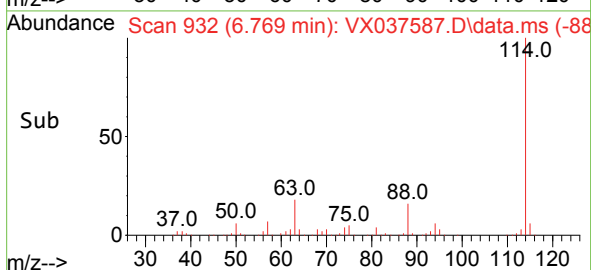
Tgt Ion: 65 Resp: 90863
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2

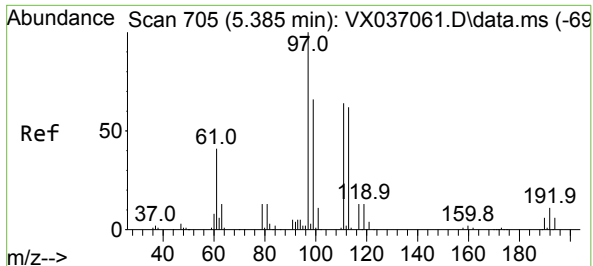


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX037587.D
 Acq: 07 Sep 2023 18:43



Tgt Ion: 114 Resp: 256697
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 45.0
 88 15.8 0.0 36.6

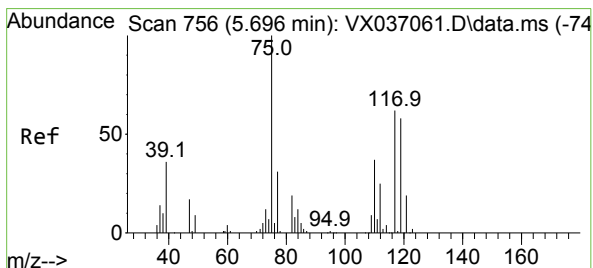
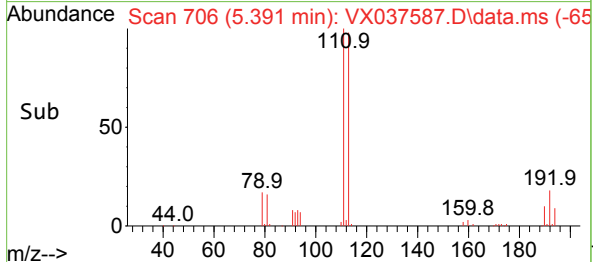
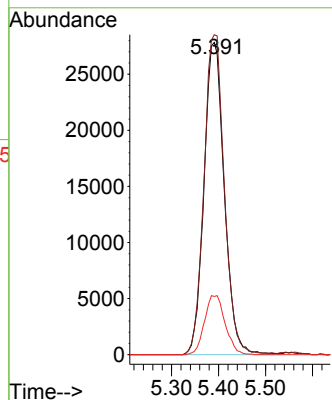
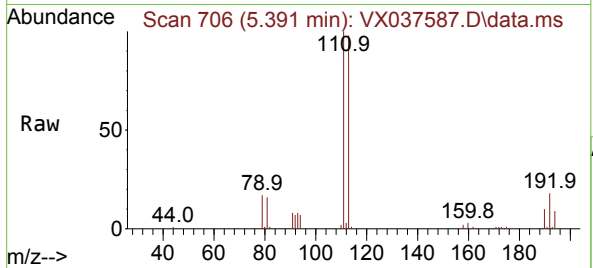




#35
Dibromofluoromethane
Concen: 49.103 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

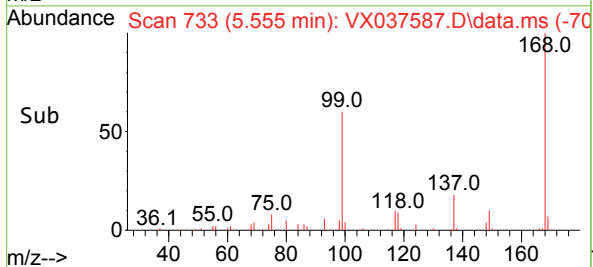
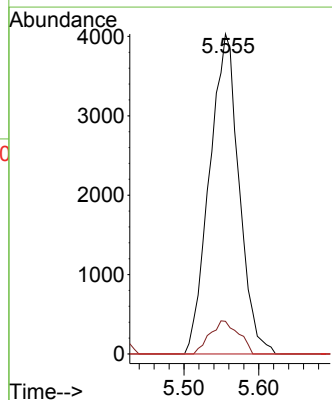
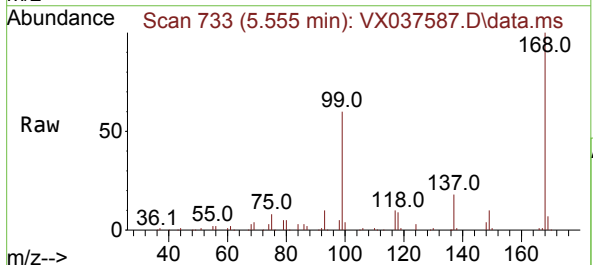
Instrument :
MSVOA_X
ClientSampleId :

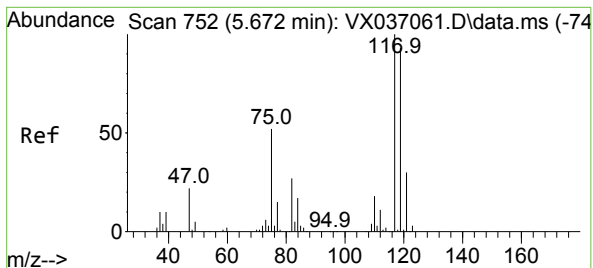
Tgt Ion:113 Resp: 83477
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.595 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.141 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

Tgt Ion: 75 Resp: 11098
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.993 ug/l

RT: 5.555 min Scan# 71

Delta R.T. -0.116 min

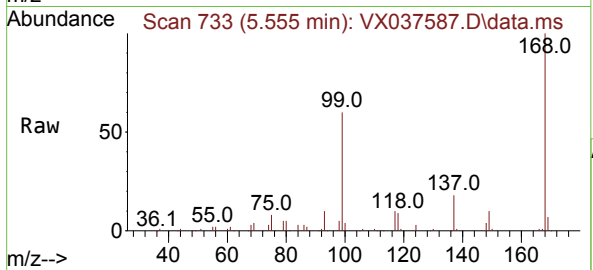
Lab File: VX037587.D

Acq: 07 Sep 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :



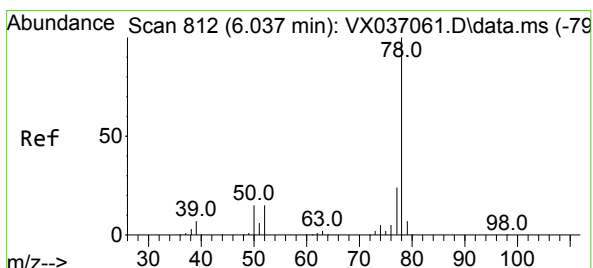
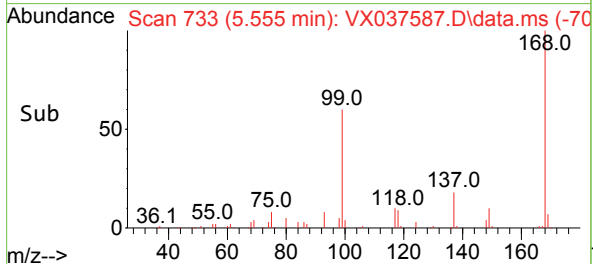
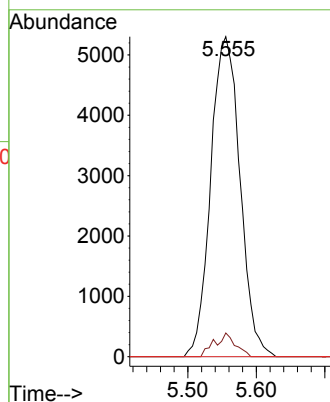
Tgt Ion:117 Resp: 15724

Ion Ratio Lower Upper

117 100

119 7.4 78.2 117.2#

121 0.0 24.4 36.6#



#40

Benzene

Concen: 4.865 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX037587.D

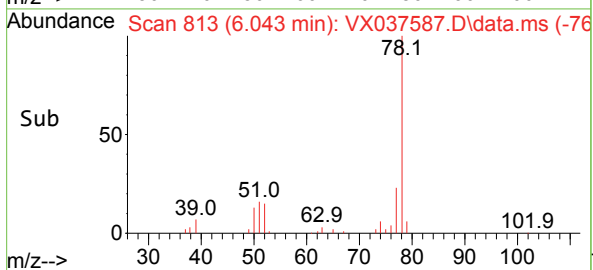
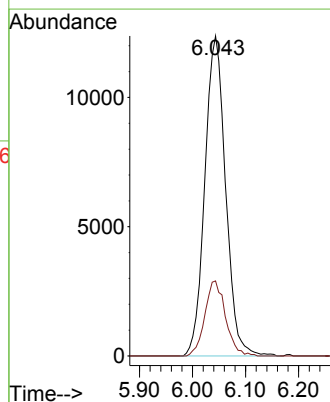
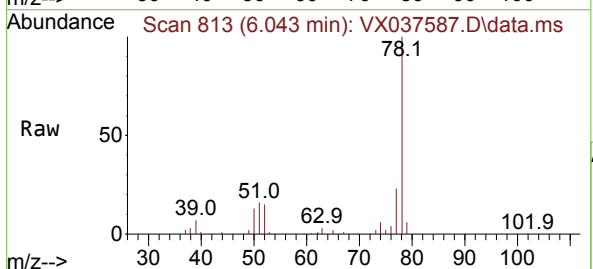
Acq: 07 Sep 2023 18:43

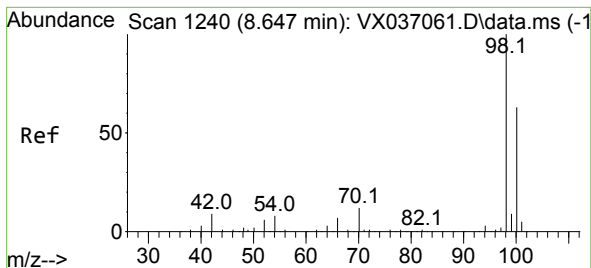
Tgt Ion: 78 Resp: 33701

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9





#50

Toluene-d8

Concen: 46.841 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037587.D

Acq: 07 Sep 2023 18:43

Instrument :

MSVOA_X

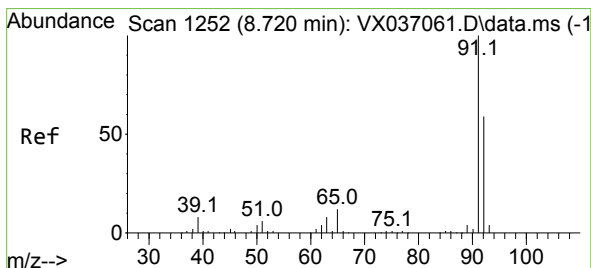
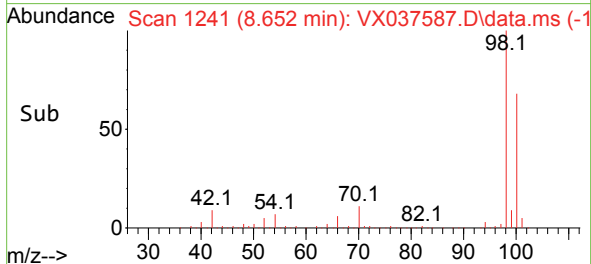
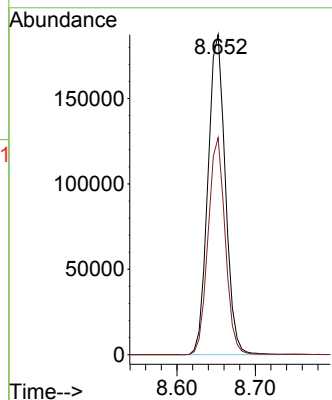
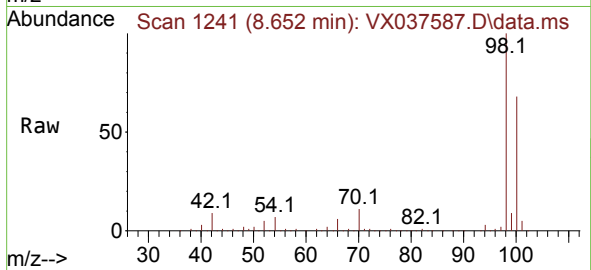
ClientSampleId :

Tgt Ion: 98 Resp: 288852

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#52

Toluene

Concen: 2.268 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037587.D

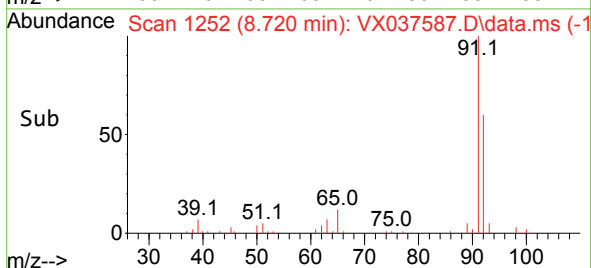
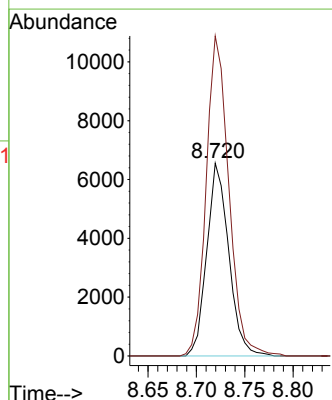
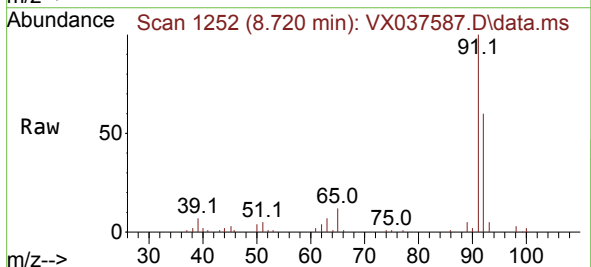
Acq: 07 Sep 2023 18:43

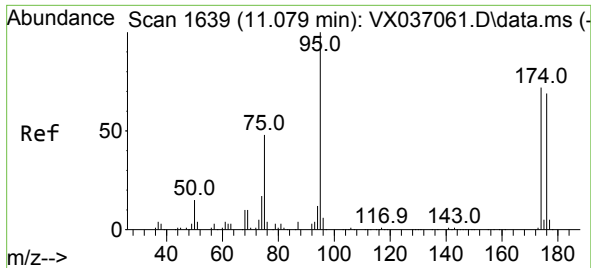
Tgt Ion: 92 Resp: 10382

Ion Ratio Lower Upper

92 100

91 170.8 134.2 201.2

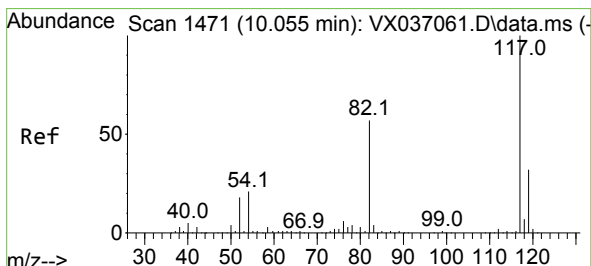
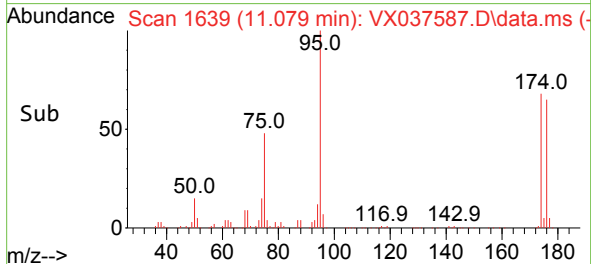
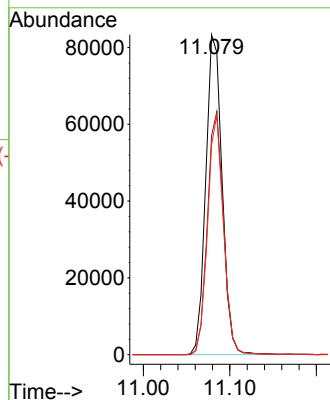
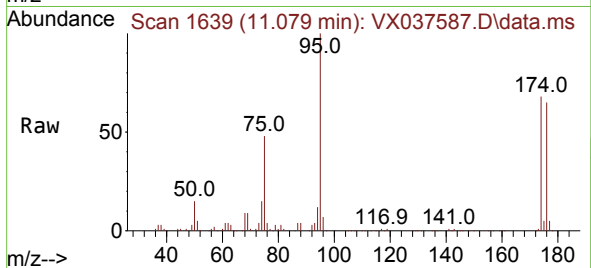




#62
4-Bromofluorobenzene
Concen: 45.075 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

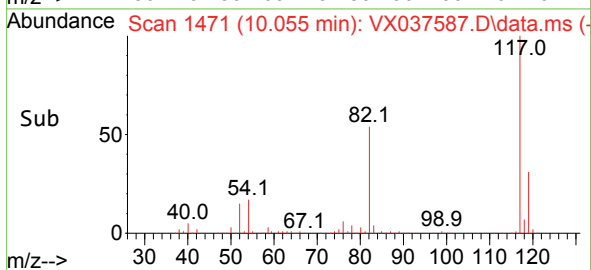
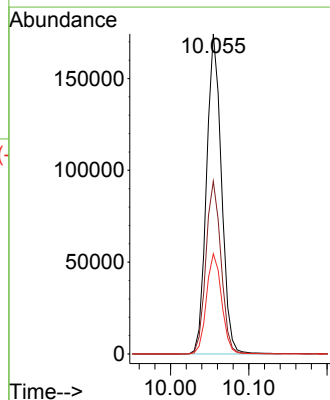
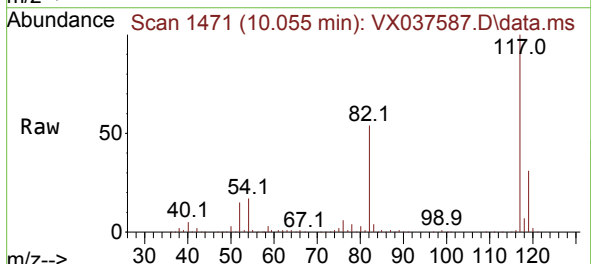
Instrument :
MSVOA_X
ClientSampleId :

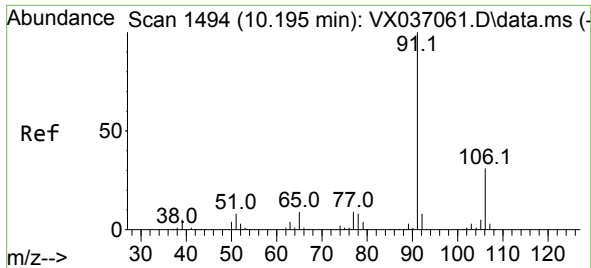
Tgt Ion: 95 Resp: 109236
Ion Ratio Lower Upper
95 100
174 75.4 0.0 135.6
176 72.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

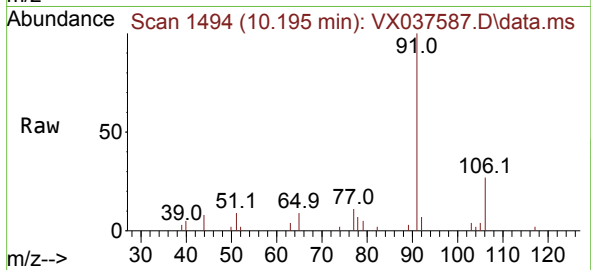
Tgt Ion: 117 Resp: 230168
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.3 25.5 38.3



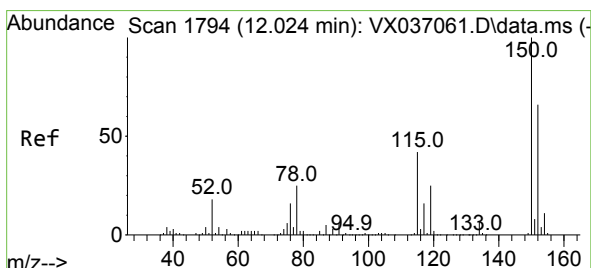
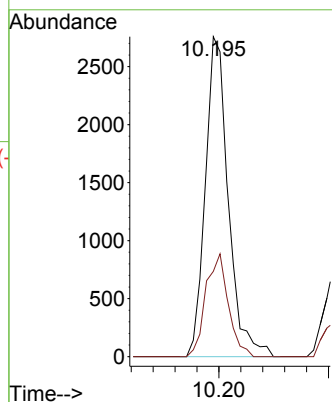
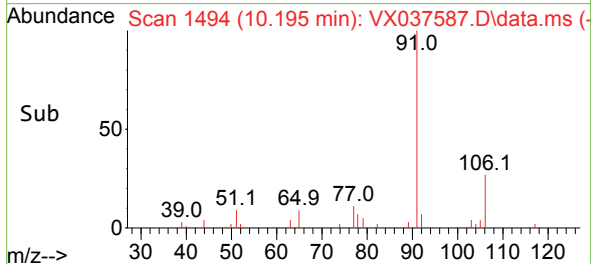


#67
Ethyl Benzene
Concen: 0.467 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

Instrument :
MSVOA_X
ClientSampleId :

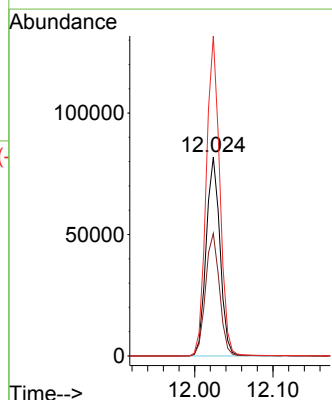
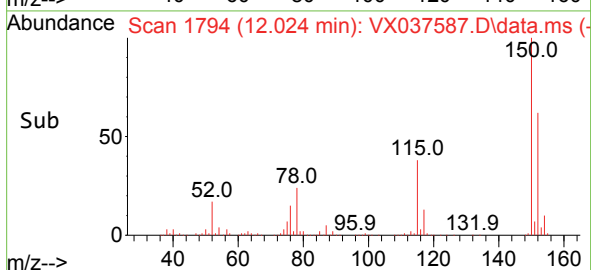
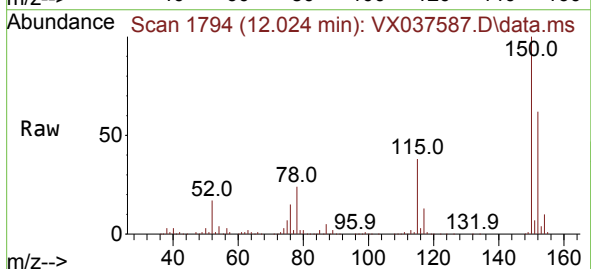


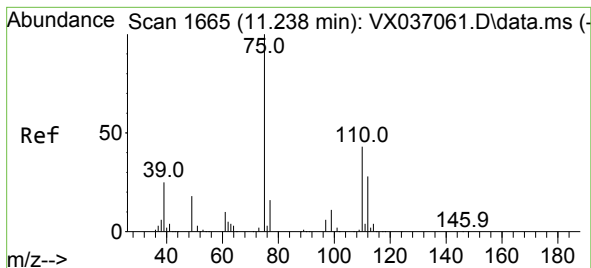
Tgt Ion: 91 Resp: 3999
Ion Ratio Lower Upper
91 100
106 26.6 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037587.D
Acq: 07 Sep 2023 18:43

Tgt Ion:152 Resp: 100089
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 157.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.402 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037587.D

Acq: 07 Sep 2023 18:43

Instrument :

MSVOA_X

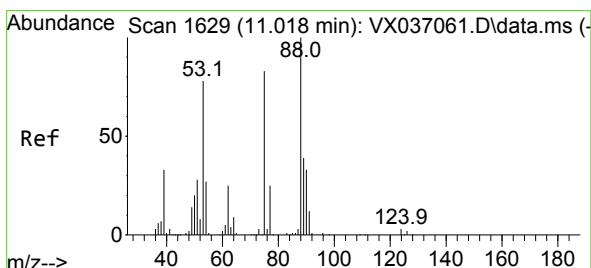
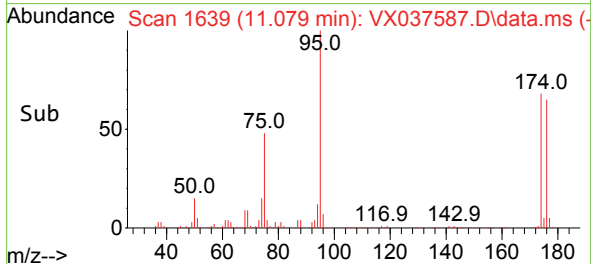
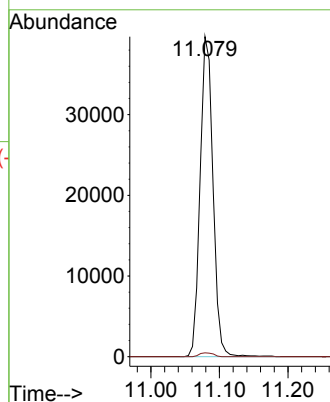
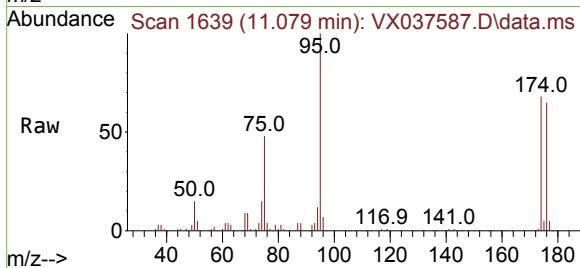
ClientSampleId :

Tgt Ion: 75 Resp: 52014

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.155 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037587.D

Acq: 07 Sep 2023 18:43

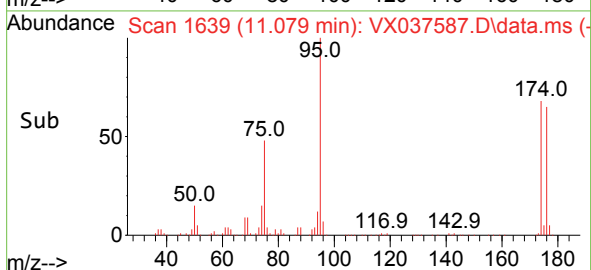
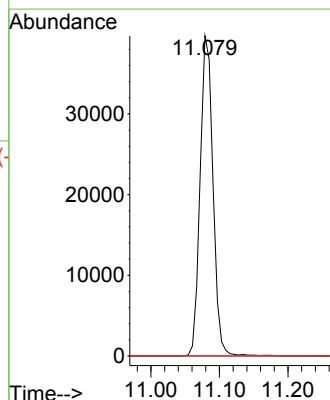
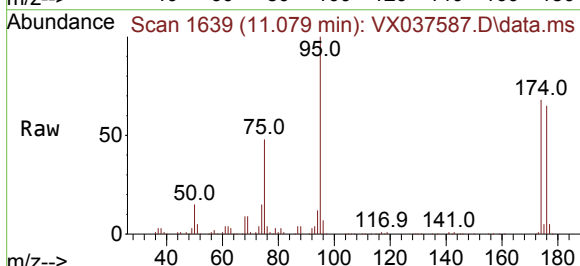
Tgt Ion: 75 Resp: 52014

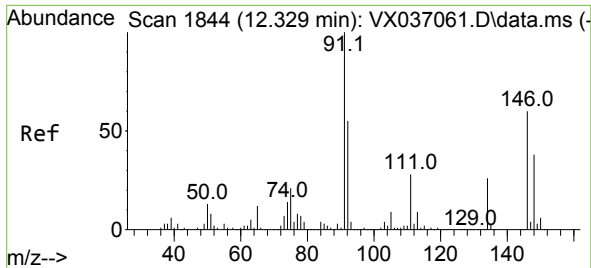
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.856 ug/l

RT: 12.243 min Scan# 11

Delta R.T. -0.086 min

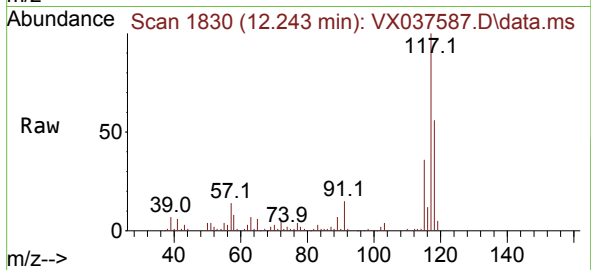
Lab File: VX037587.D

Acq: 07 Sep 2023 18:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 91 Resp: 4128

Ion Ratio Lower Upper

91 100

92 8.8 27.4 82.0#

134 0.0 12.6 37.8#

