

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036464.D
 Acq On : 07 Jul 2023 16:39
 Operator : JC/MD
 Sample : 03546-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1676

Quant Time: Jul 07 23:07:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

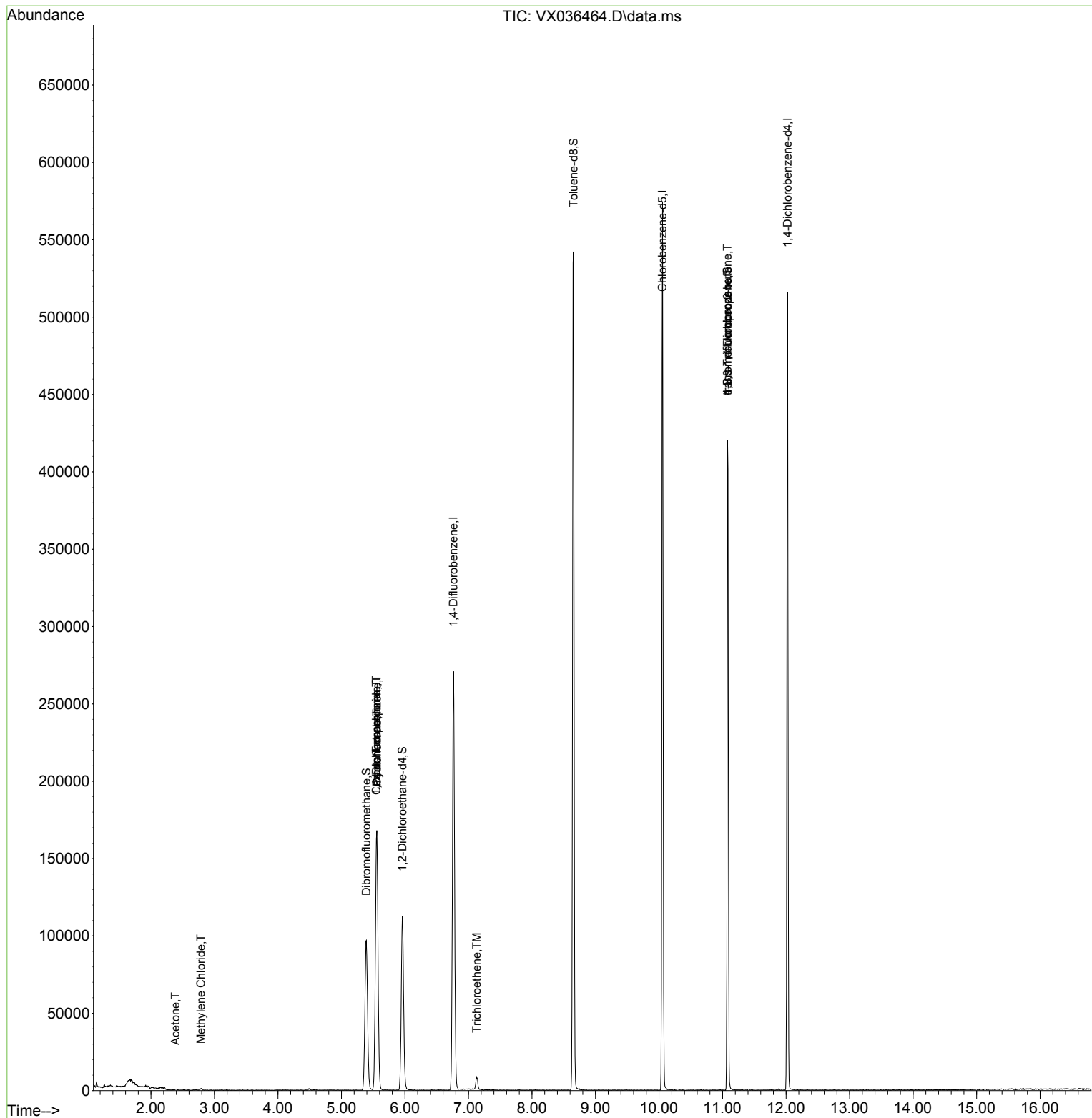
Internal Standards						
1) Pentafluorobenzene	5.556	168	157338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104654	46.403	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.800%		
35) Dibromofluoromethane	5.391	113	85316	47.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.653	98	329869	49.550	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	112655	48.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.080%		
Target Compounds						
16) Acetone	2.386	43	890	0.923	ug/l #	85
20) Methylene Chloride	2.788	84	514	0.248	ug/l #	92
31) Cyclohexane	5.556	56	3417	1.182	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12719	4.787	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16412	6.763	ug/l #	15
44) Trichloroethene	7.129	130	3445	1.669	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	58269	25.737	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58269	83.896	ug/l #	5

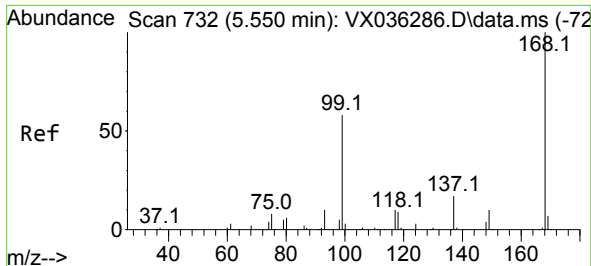
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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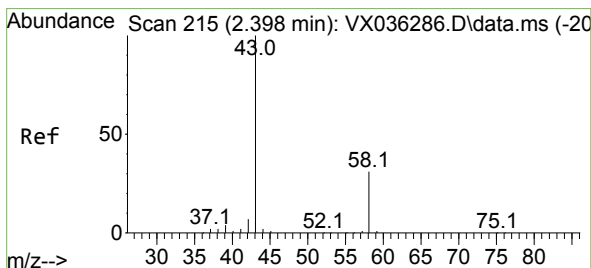
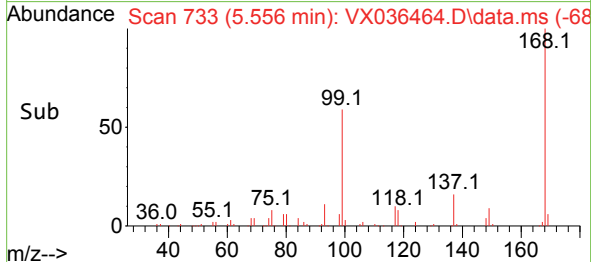
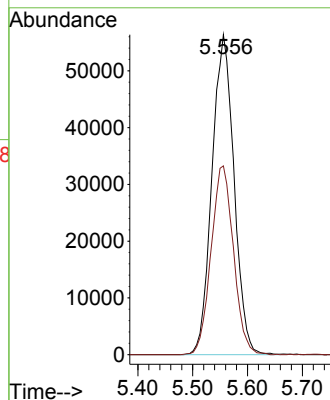
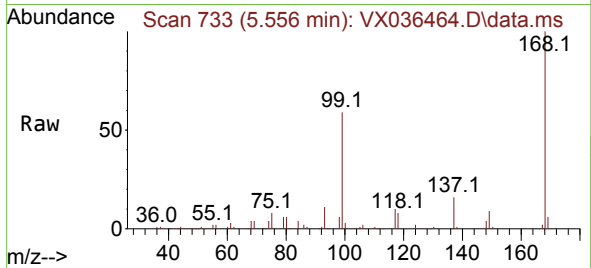




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036464.D
Acq: 07 Jul 2023 16:39

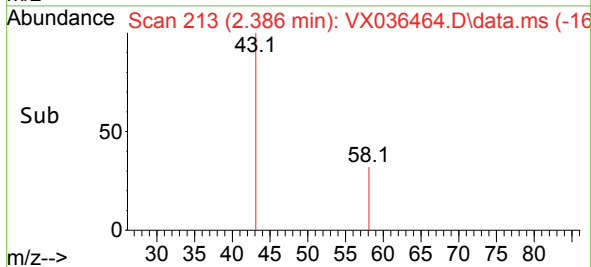
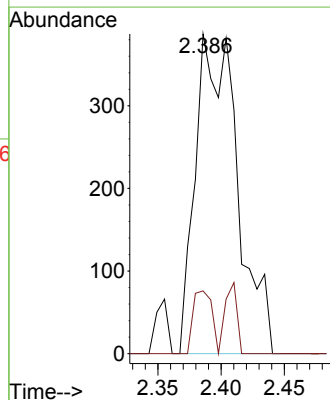
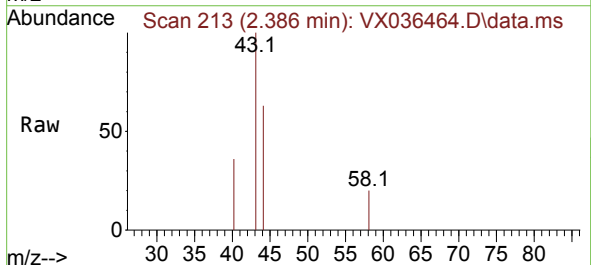
Instrument :
MSVOA_X
ClientSampleId :
1676

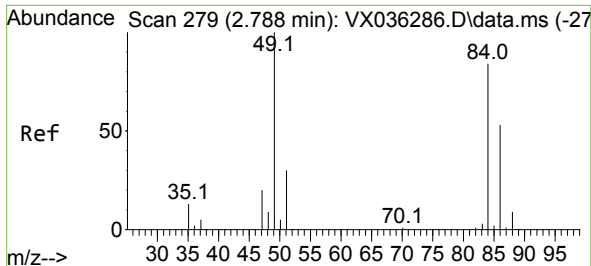
Tgt Ion:168 Resp: 157338
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#16
Acetone
Concen: 0.923 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036464.D
Acq: 07 Jul 2023 16:39

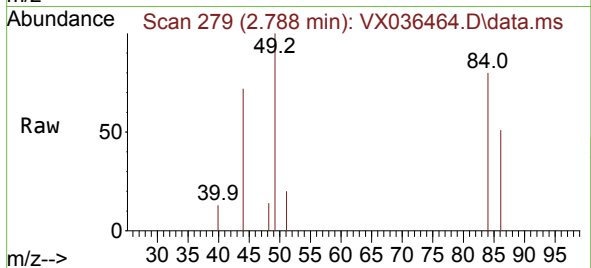
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 19.6 21.9 32.9#



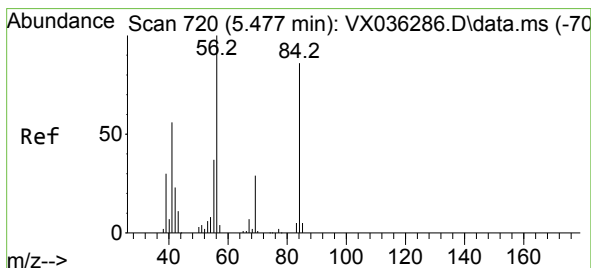
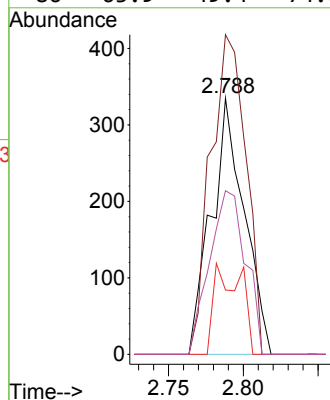


#20
Methylene Chloride
Concen: 0.248 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036464.D
Acq: 07 Jul 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
1676

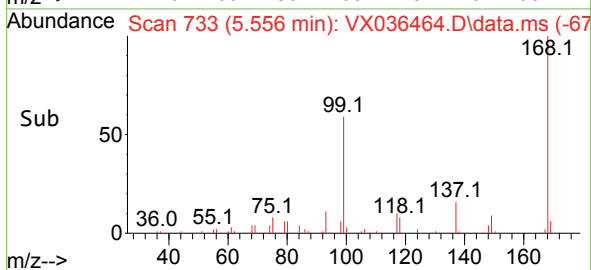
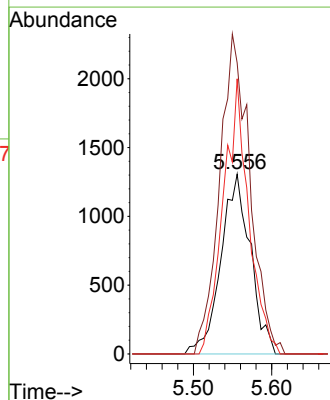
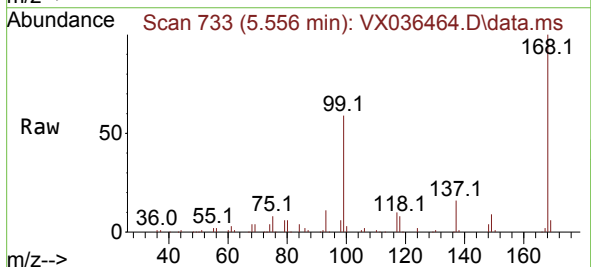


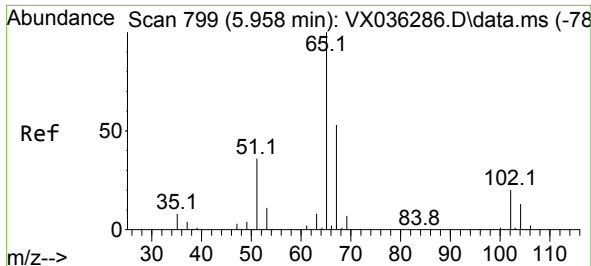
Tgt Ion: 84	Resp: 514
Ion Ratio	Lower Upper
84 100	
49 124.8	103.6 155.4
51 25.1	33.8 50.6#
86 63.9	49.4 74.0



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036464.D
Acq: 07 Jul 2023 16:39

Tgt Ion: 56	Resp: 3417
Ion Ratio	Lower Upper
56 100	
69 161.8	23.4 35.2#
84 152.9	65.9 98.9#

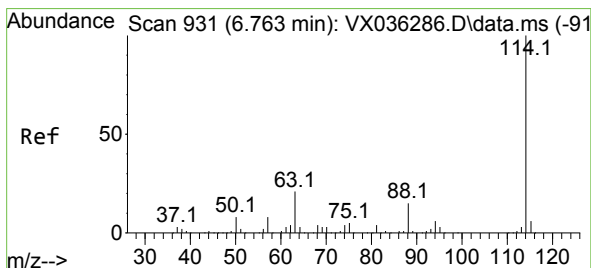
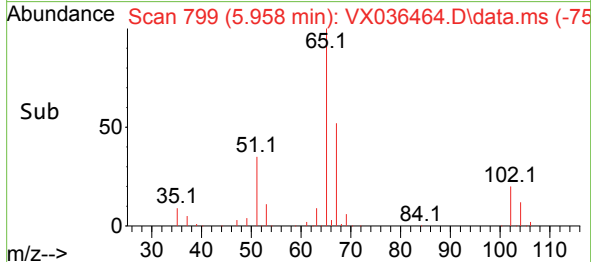
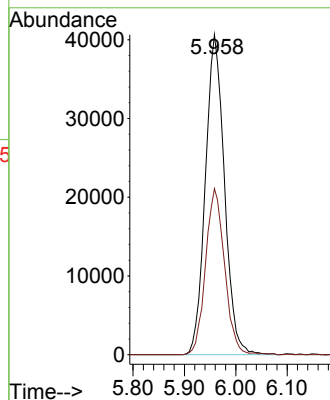
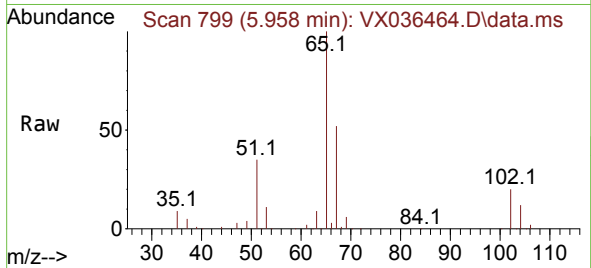




#33
 1,2-Dichloroethane-d4
 Concen: 46.403 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036464.D
 Acq: 07 Jul 2023 16:39

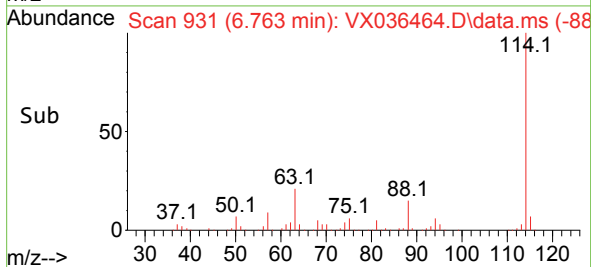
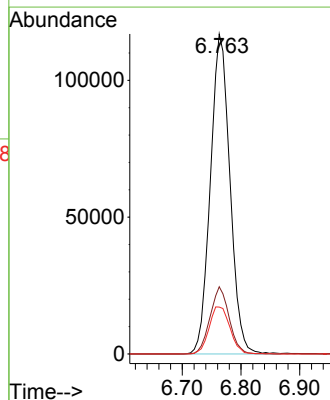
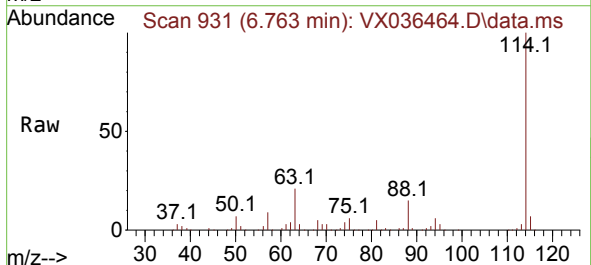
Instrument :
 MSVOA_X
 ClientSampleId :
 1676

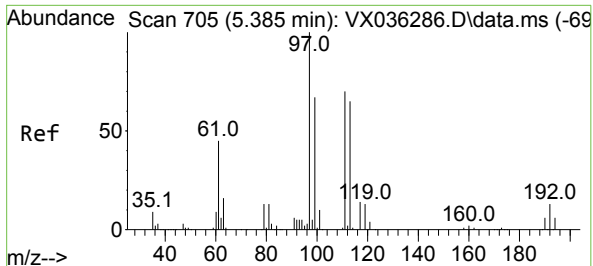
Tgt Ion: 65 Resp: 104654
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036464.D
 Acq: 07 Jul 2023 16:39

Tgt Ion: 114 Resp: 270319
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.0
 88 14.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.866 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX036464.D

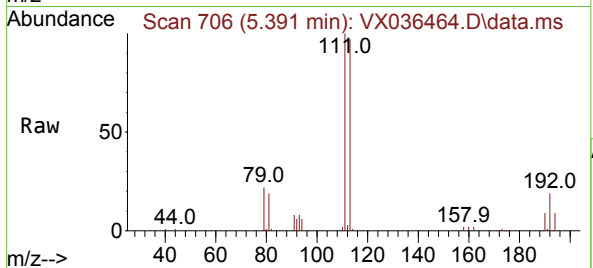
Acq: 07 Jul 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

1676



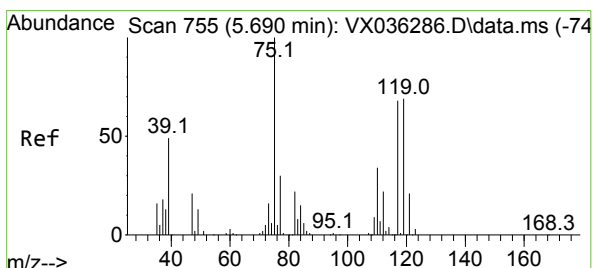
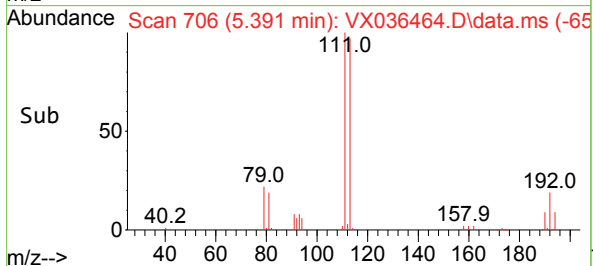
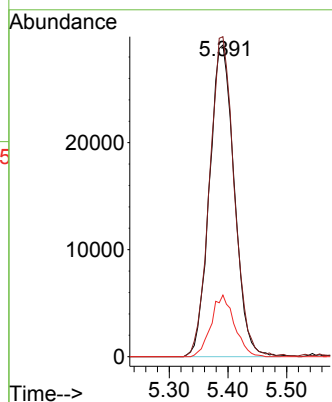
Tgt Ion:113 Resp: 85316

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 18.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.787 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX036464.D

Acq: 07 Jul 2023 16:39

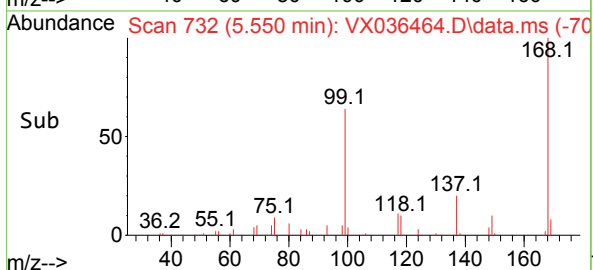
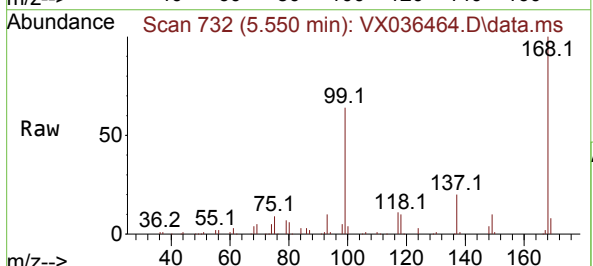
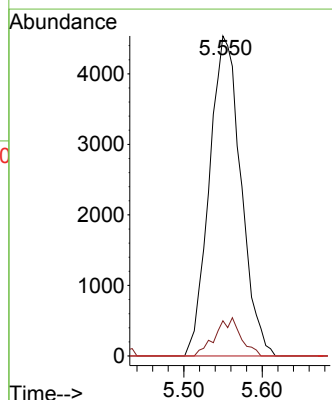
Tgt Ion: 75 Resp: 12719

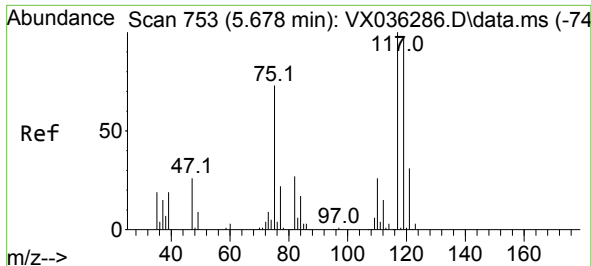
Ion Ratio Lower Upper

75 100

110 9.6 17.0 50.9#

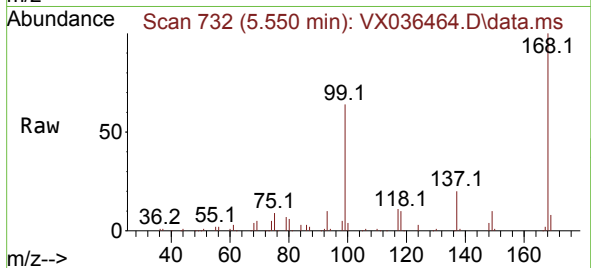
77 0.0 24.7 37.1#



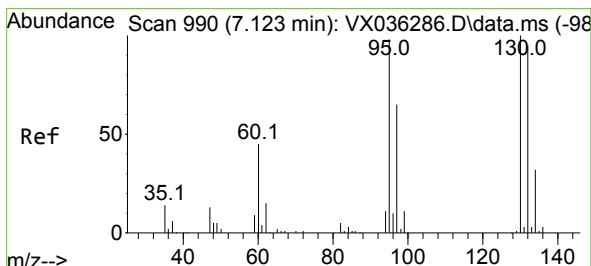
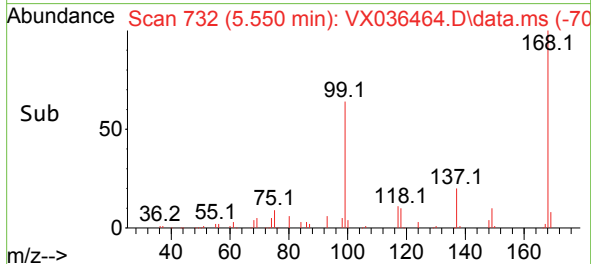
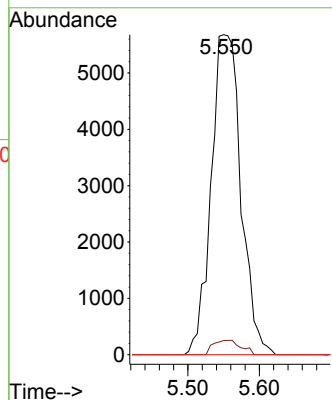


#38
Carbon Tetrachloride
Concen: 6.763 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036464.D
Acq: 07 Jul 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
1676

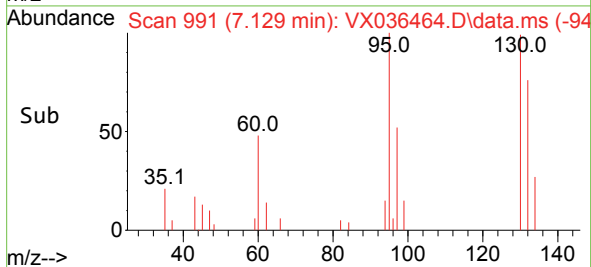
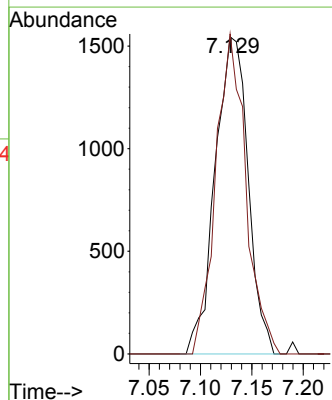
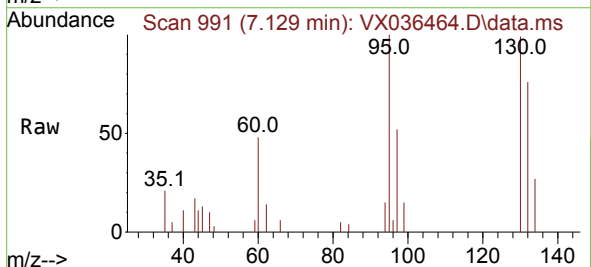


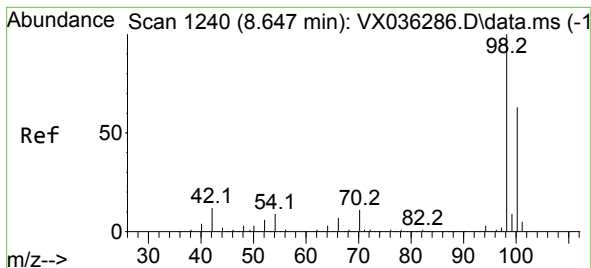
Tgt Ion:117 Resp: 16412
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.669 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX036464.D
Acq: 07 Jul 2023 16:39

Tgt Ion:130 Resp: 3445
Ion Ratio Lower Upper
130 100
95 100.9 0.0 204.4





#50

Toluene-d8

Concen: 49.550 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX036464.D

Acq: 07 Jul 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

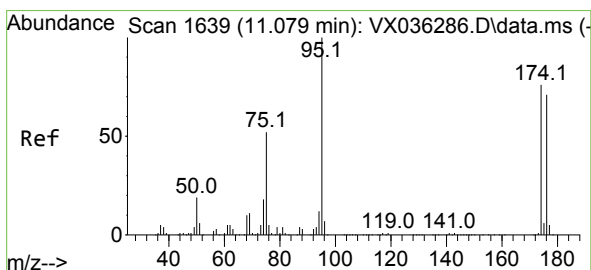
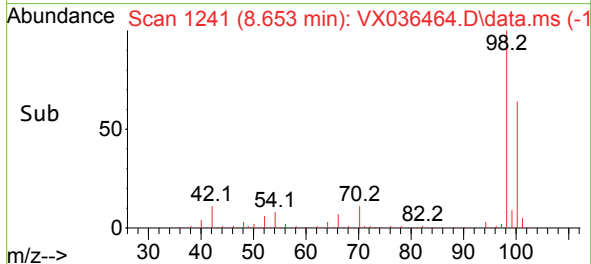
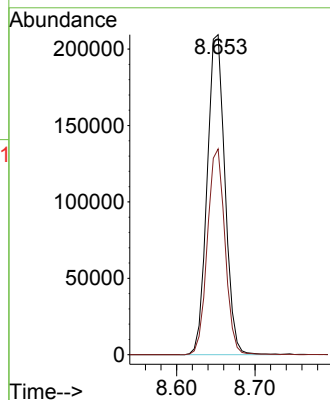
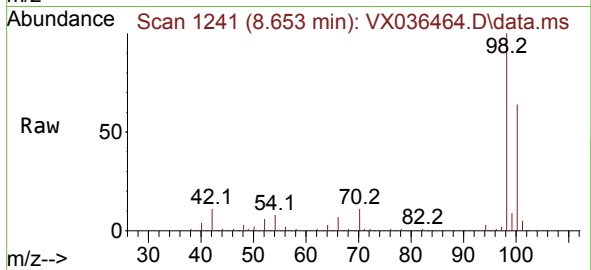
1676

Tgt Ion: 98 Resp: 329869

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.042 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036464.D

Acq: 07 Jul 2023 16:39

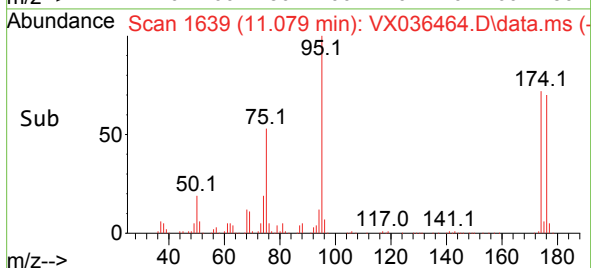
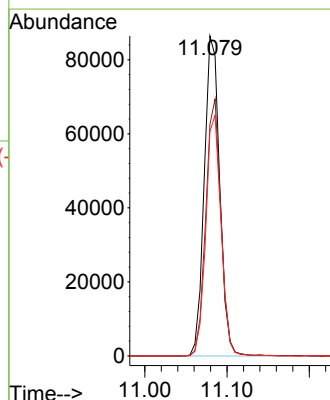
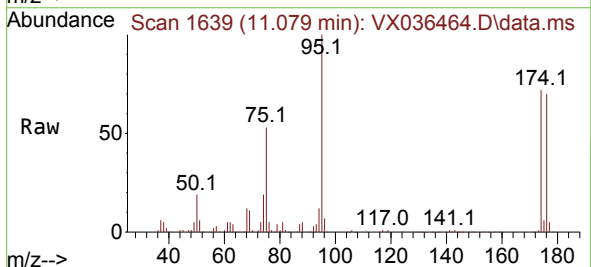
Tgt Ion: 95 Resp: 112655

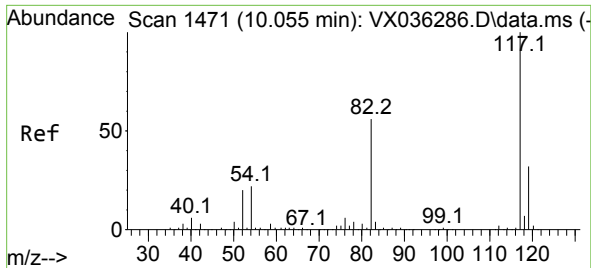
Ion Ratio Lower Upper

95 100

174 79.1 0.0 135.6

176 74.1 0.0 131.0

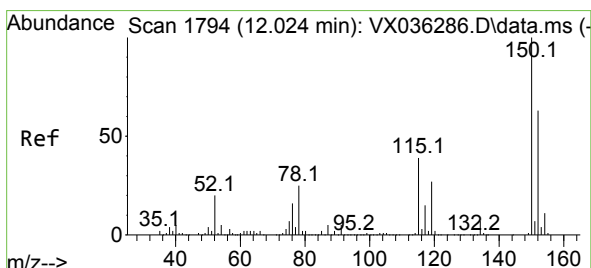
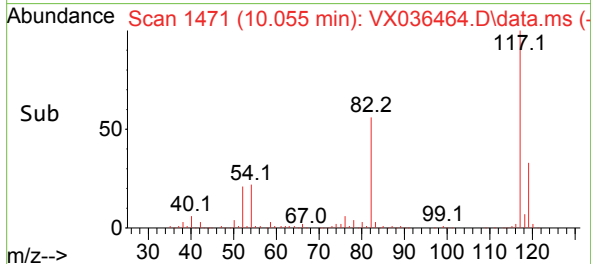
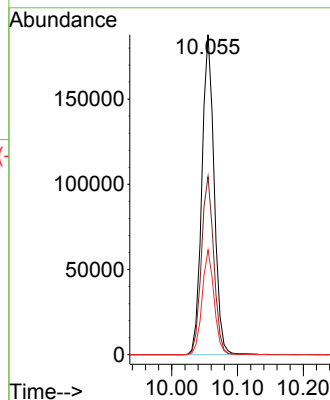
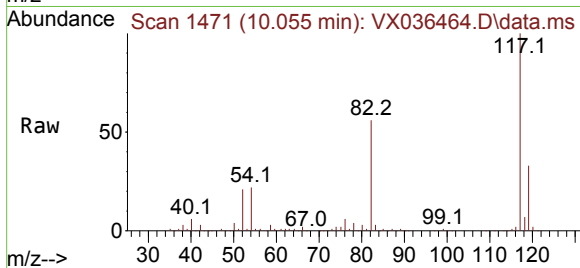




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036464.D
Acq: 07 Jul 2023 16:39

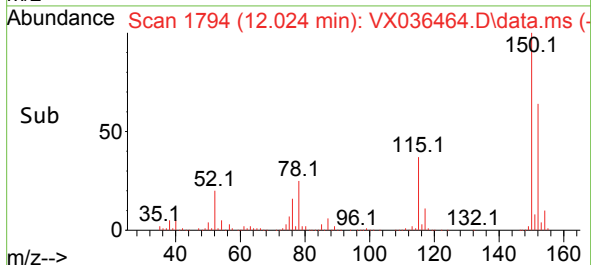
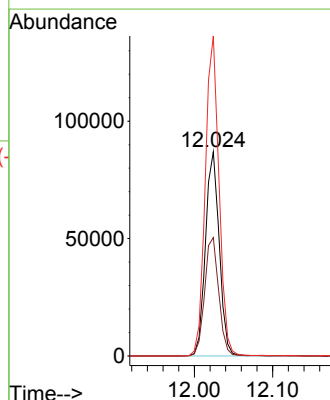
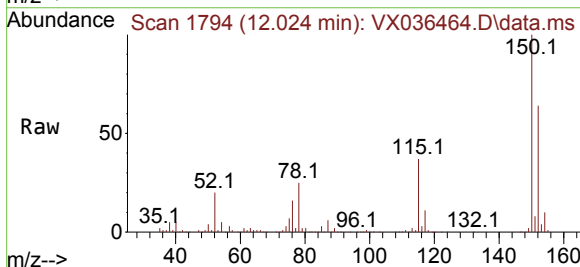
Instrument :
MSVOA_X
ClientSampleId :
1676

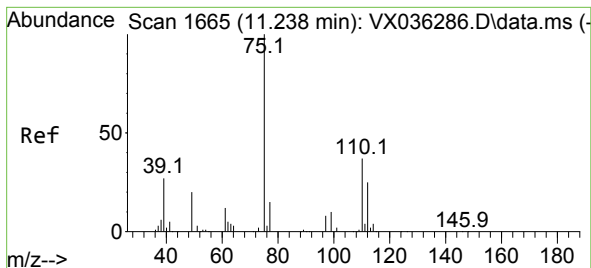
Tgt Ion:117 Resp: 243309
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036464.D
Acq: 07 Jul 2023 16:39

Tgt Ion:152 Resp: 106141
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 155.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.737 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX036464.D

Acq: 07 Jul 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

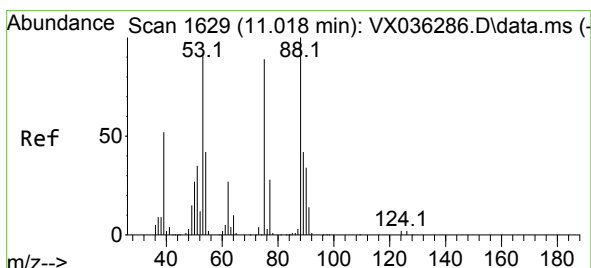
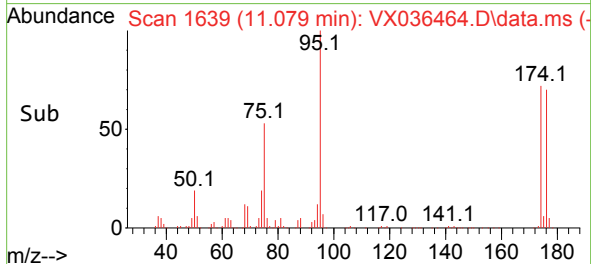
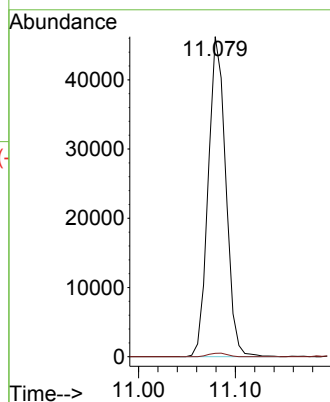
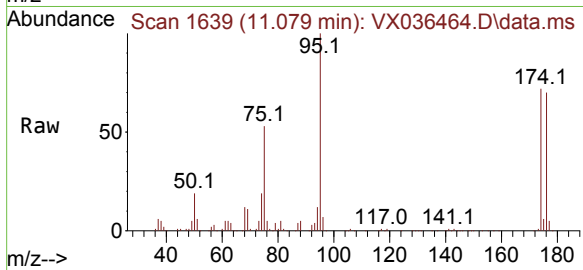
1676

Tgt Ion: 75 Resp: 58269

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.896 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036464.D

Acq: 07 Jul 2023 16:39

Tgt Ion: 75 Resp: 58269

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

