

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036377.D
 Acq On : 29 Jun 2023 14:47
 Operator : JC/MD
 Sample : 03451-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jun 30 01:31:18 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)

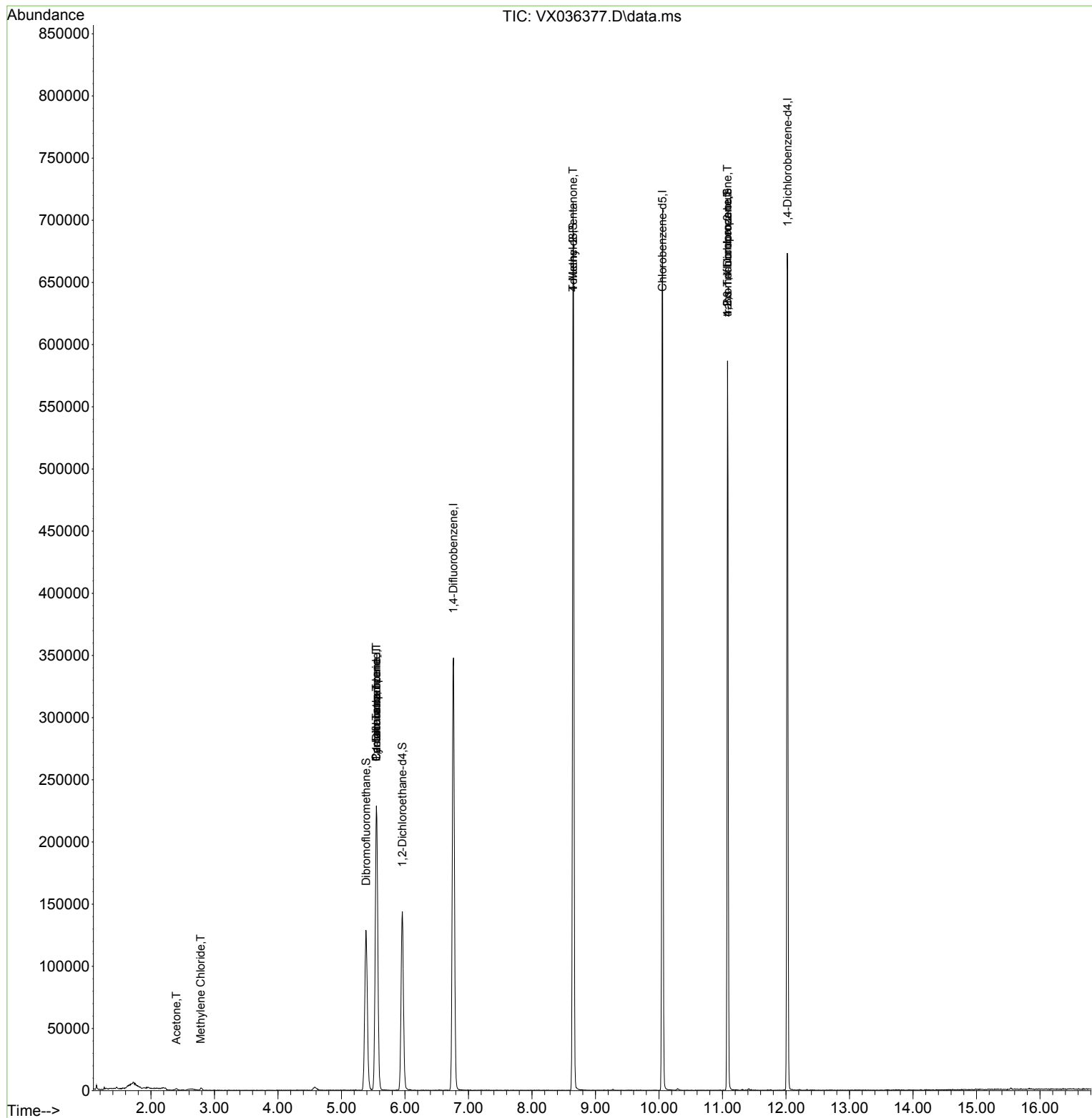
Internal Standards						
1) Pentafluorobenzene	5.550	168	214927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136679	44.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.720%
35) Dibromofluoromethane	5.385	113	111076	46.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.647	98	423803	48.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	149243	47.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	1942	1.475	ug/l	95
20) Methylene Chloride	2.782	84	1139	0.402	ug/l #	67
31) Cyclohexane	5.550	56	4477	1.134	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	17615	5.000	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21724	6.751	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1838	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77383	25.552	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	77383	83.292	ug/l #	5

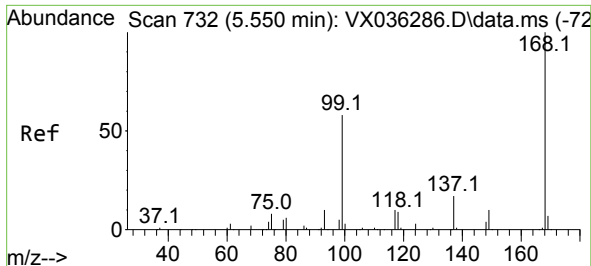
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX036377.D

Acq: 29 Jun 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

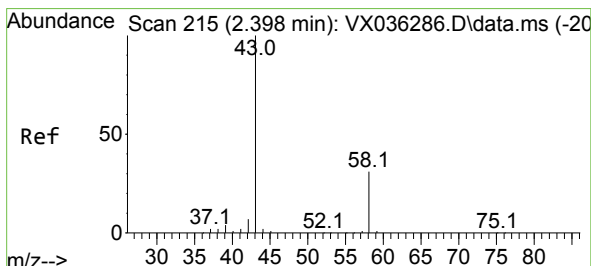
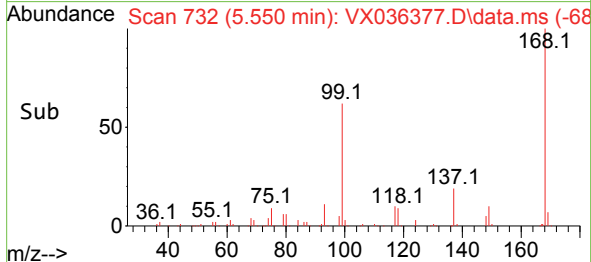
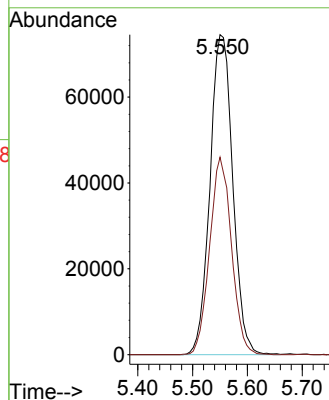
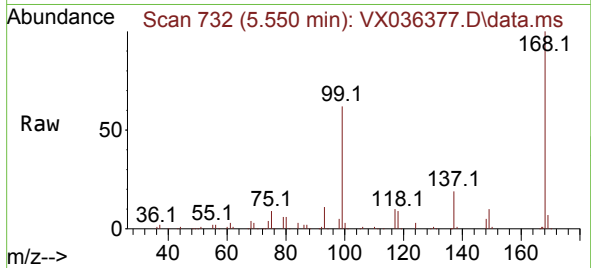
TB

Tgt Ion:168 Resp: 214927

Ion Ratio Lower Upper

168 100

99 61.7 56.6 85.0



#16

Acetone

Concen: 1.475 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX036377.D

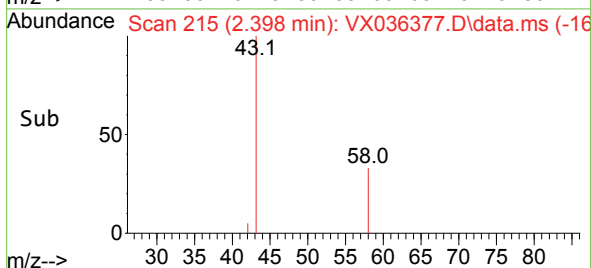
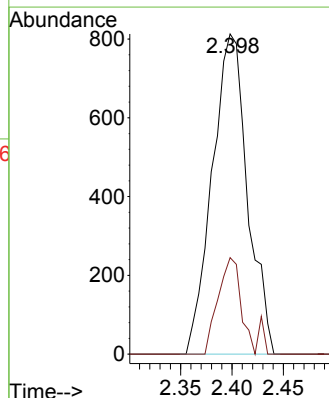
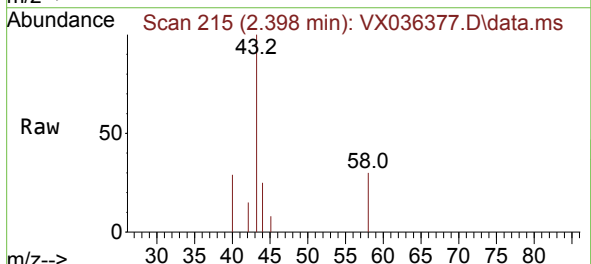
Acq: 29 Jun 2023 14:47

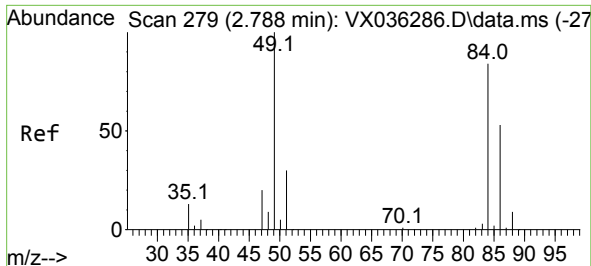
Tgt Ion: 43 Resp: 1942

Ion Ratio Lower Upper

43 100

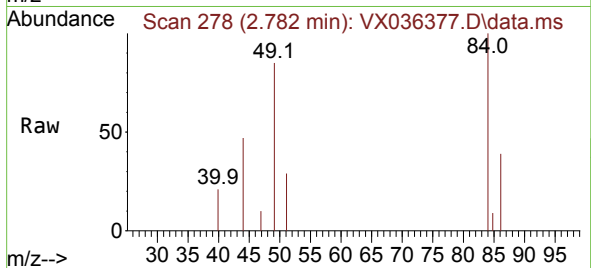
58 30.1 21.9 32.9





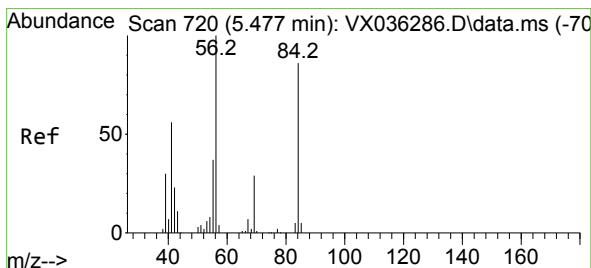
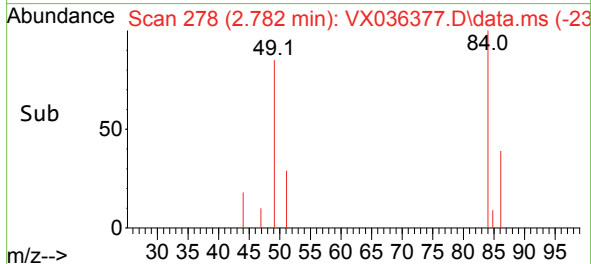
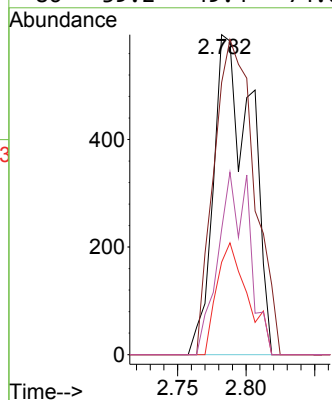
#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Instrument :
MSVOA_X
ClientSampleId :
TB



Tgt Ion: 84 Resp: 1139

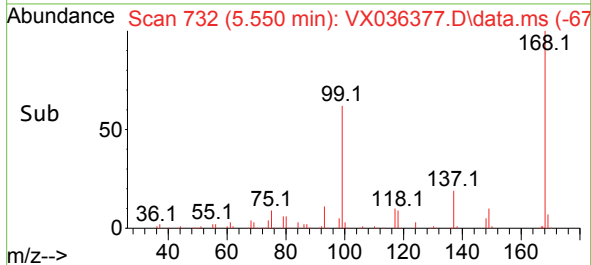
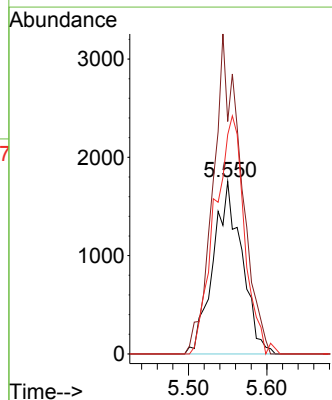
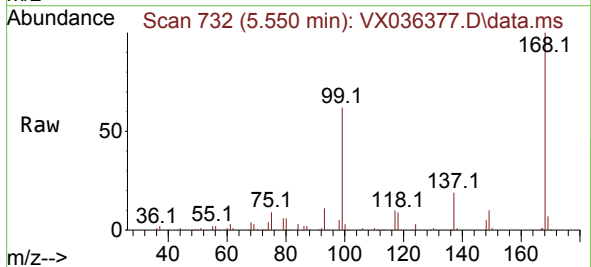
Ion	Ratio	Lower	Upper
84	100		
49	85.0	103.6	155.4#
51	28.9	33.8	50.6#
86	39.2	49.4	74.0#

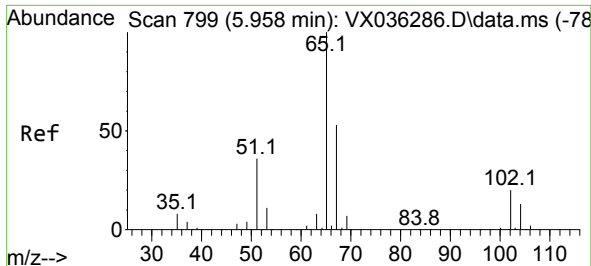


#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Tgt Ion: 56 Resp: 4477

Ion	Ratio	Lower	Upper
56	100		
69	134.8	23.4	35.2#
84	127.3	65.9	98.9#

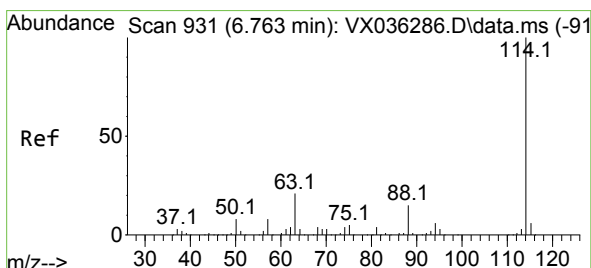
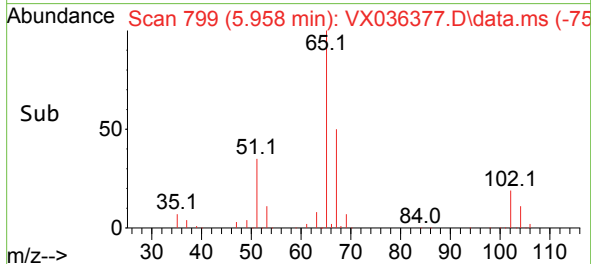
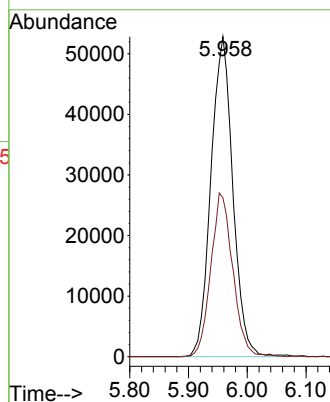
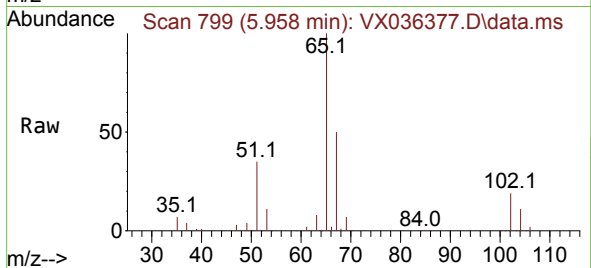




#33
 1,2-Dichloroethane-d4
 Concen: 44.364 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036377.D
 Acq: 29 Jun 2023 14:47

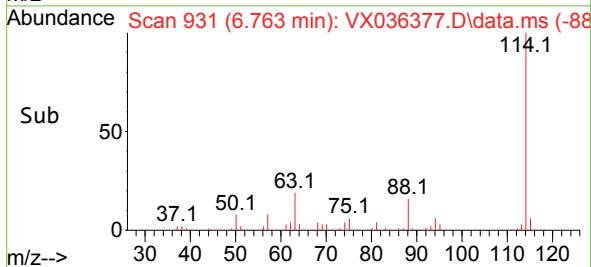
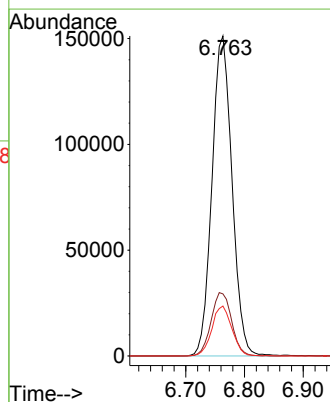
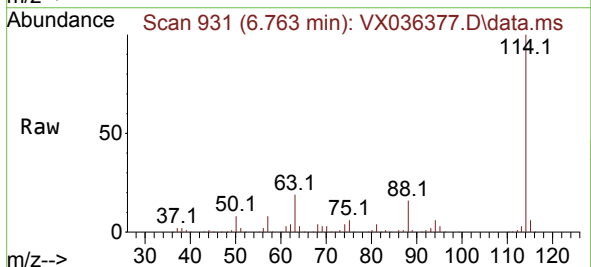
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

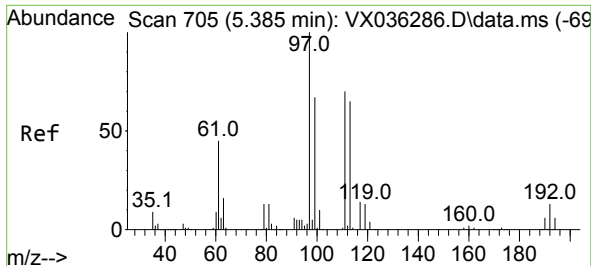
Tgt Ion: 65 Resp: 136679
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036377.D
 Acq: 29 Jun 2023 14:47

Tgt Ion: 114 Resp: 358452
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 15.6 0.0 36.6

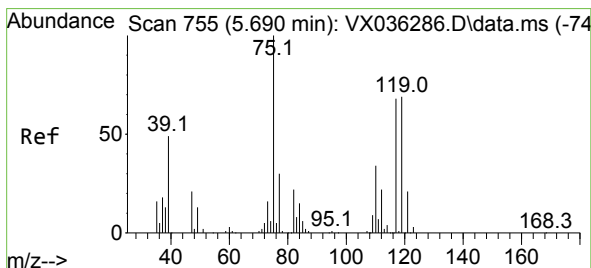
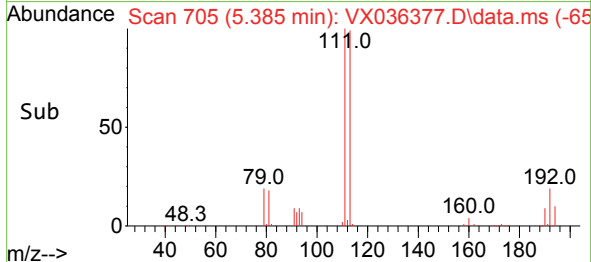
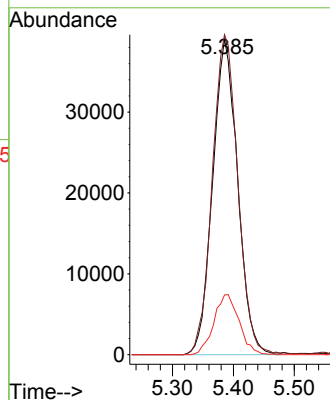
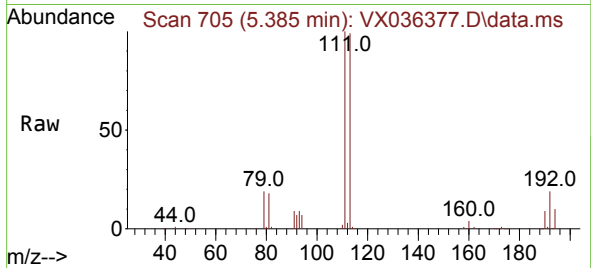




#35
Dibromofluoromethane
Concen: 46.996 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

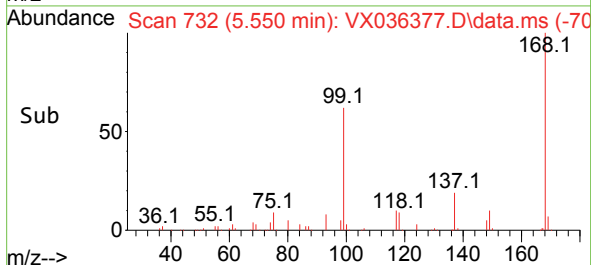
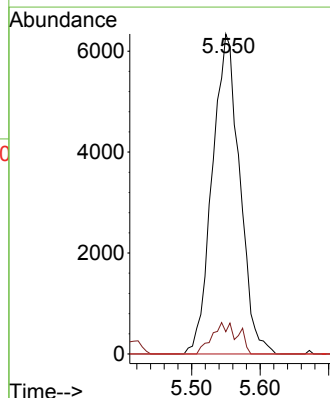
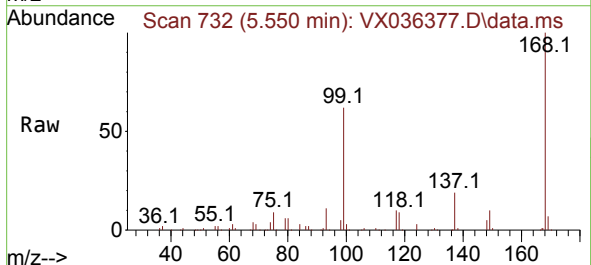
Instrument :
MSVOA_X
ClientSampleId :
TB

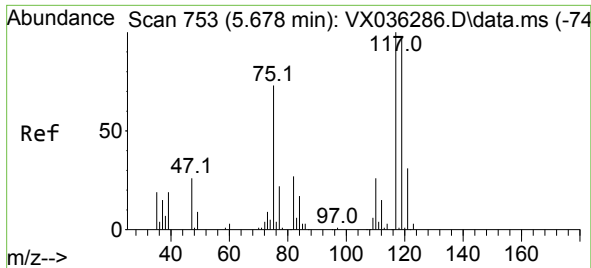
Tgt Ion:113 Resp: 111076
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Tgt Ion: 75 Resp: 17615
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#

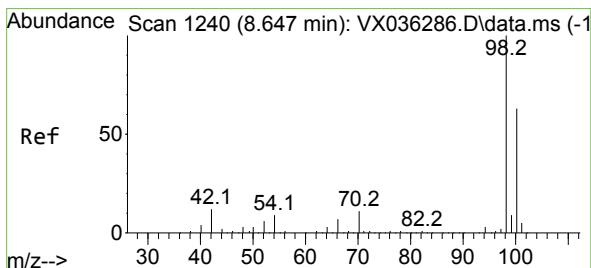
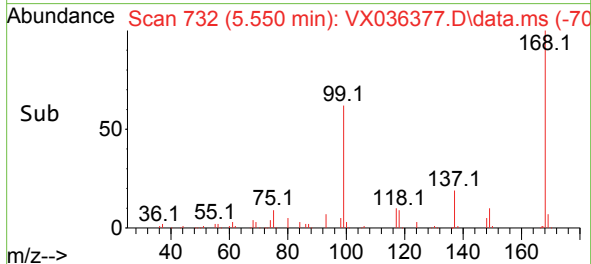
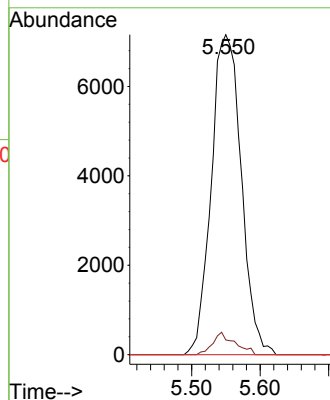
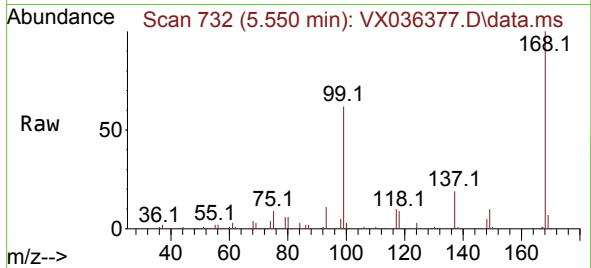




#38
Carbon Tetrachloride
Concen: 6.751 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

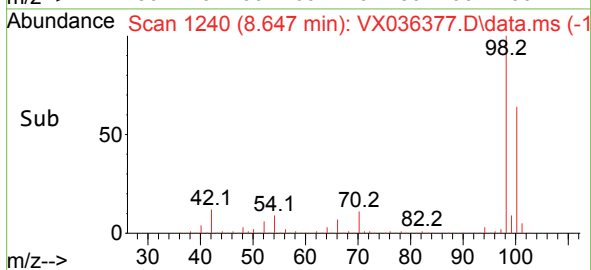
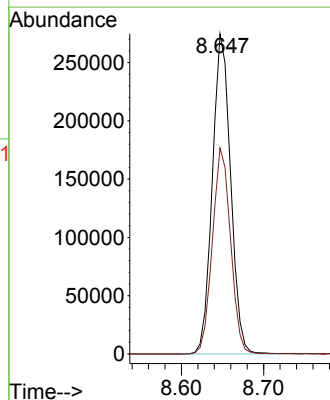
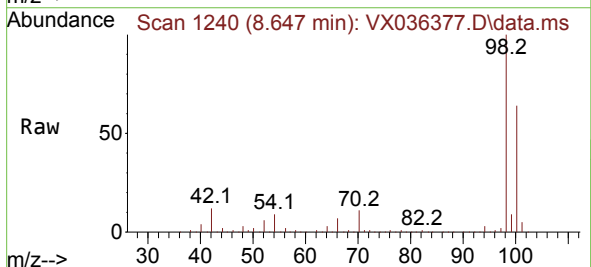
Instrument :
MSVOA_X
ClientSampleId :
TB

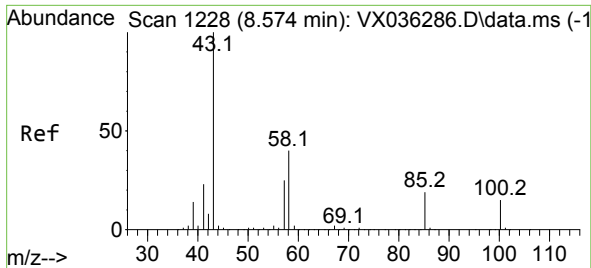
Tgt Ion:117 Resp: 21724
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Tgt Ion: 98 Resp: 423803
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

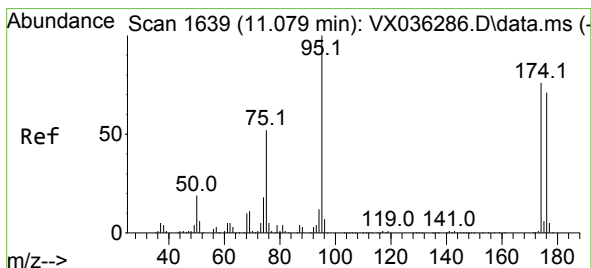
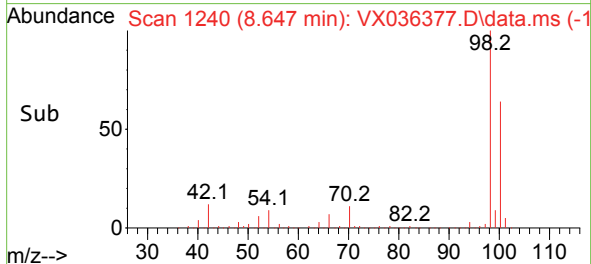
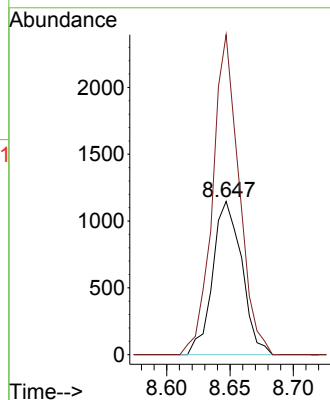
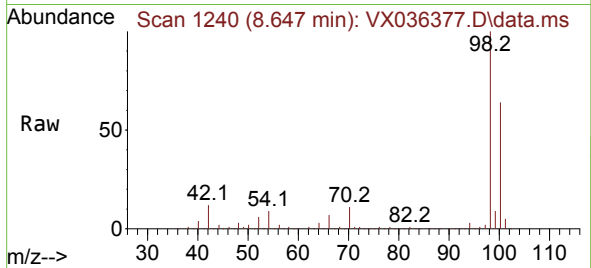




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

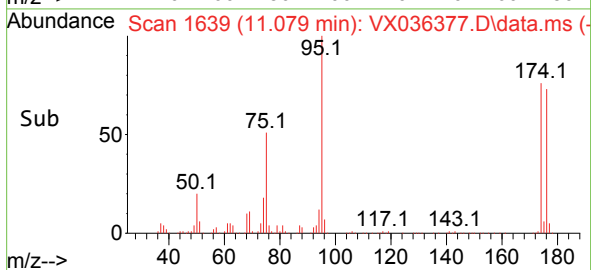
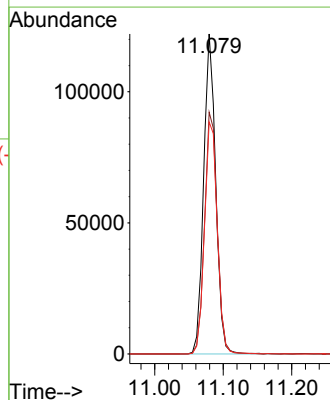
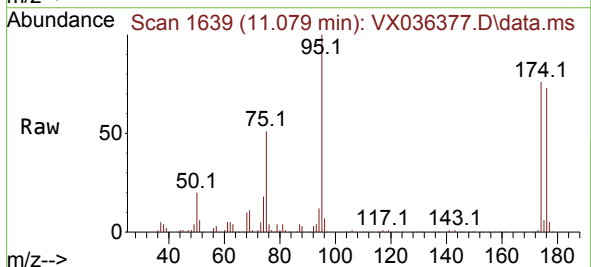
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ClientSampleId :
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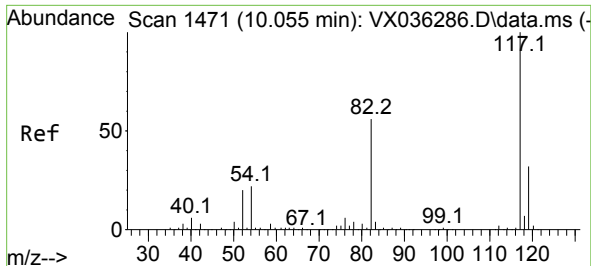
Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
58 190.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Tgt Ion: 95 Resp: 149243
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 77.0 0.0 131.0

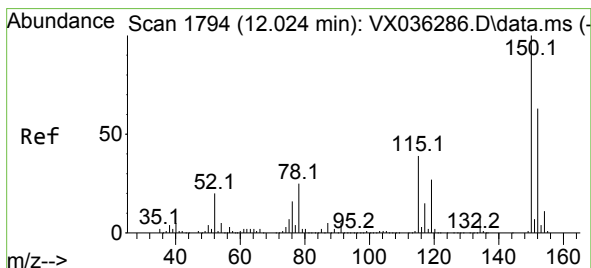
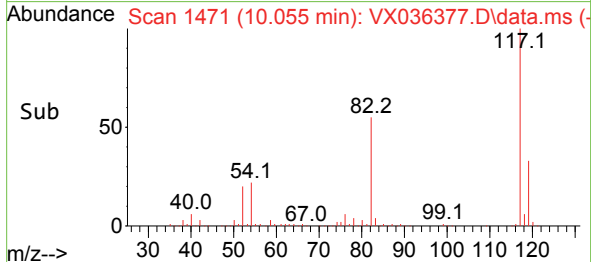
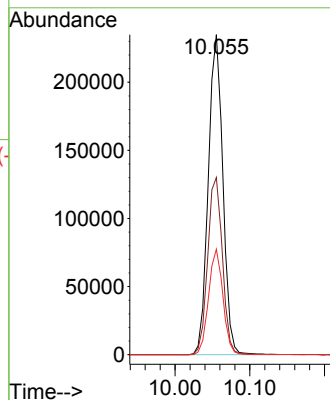
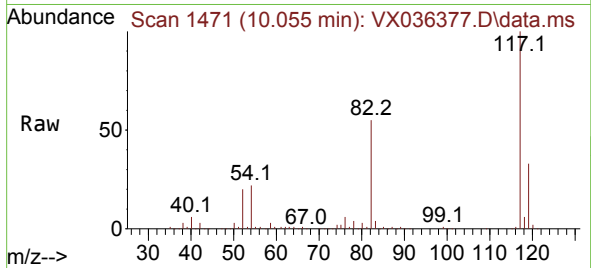




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

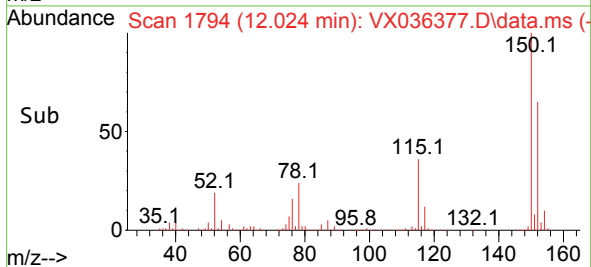
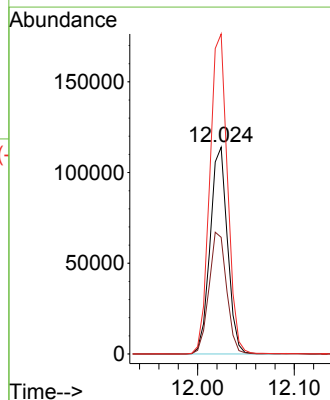
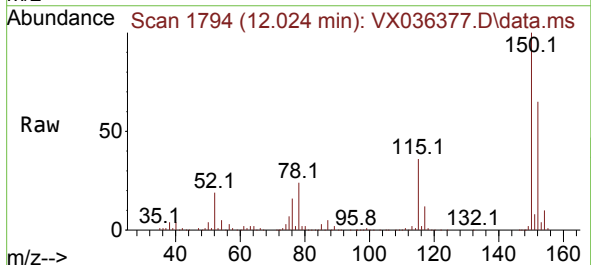
Instrument :
MSVOA_X
ClientSampleId :
TB

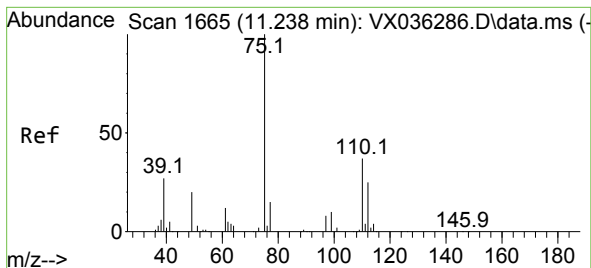
Tgt Ion:117 Resp: 317654
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036377.D
Acq: 29 Jun 2023 14:47

Tgt Ion:152 Resp: 141980
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.552 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036377.D

Acq: 29 Jun 2023 14:47

Instrument :

MSVOA_X

ClientSampleId :

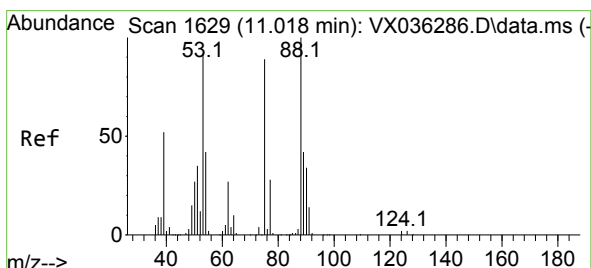
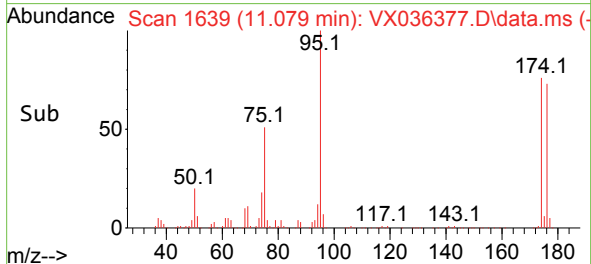
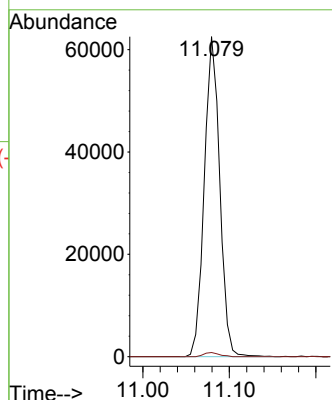
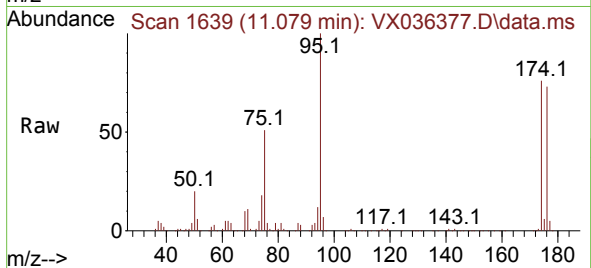
TB

Tgt Ion: 75 Resp: 77383

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.292 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036377.D

Acq: 29 Jun 2023 14:47

Tgt Ion: 75 Resp: 77383

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

