

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035558.D
 Acq On : 08 May 2023 14:27
 Operator : JC/MD
 Sample : 02643-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 09 03:43:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

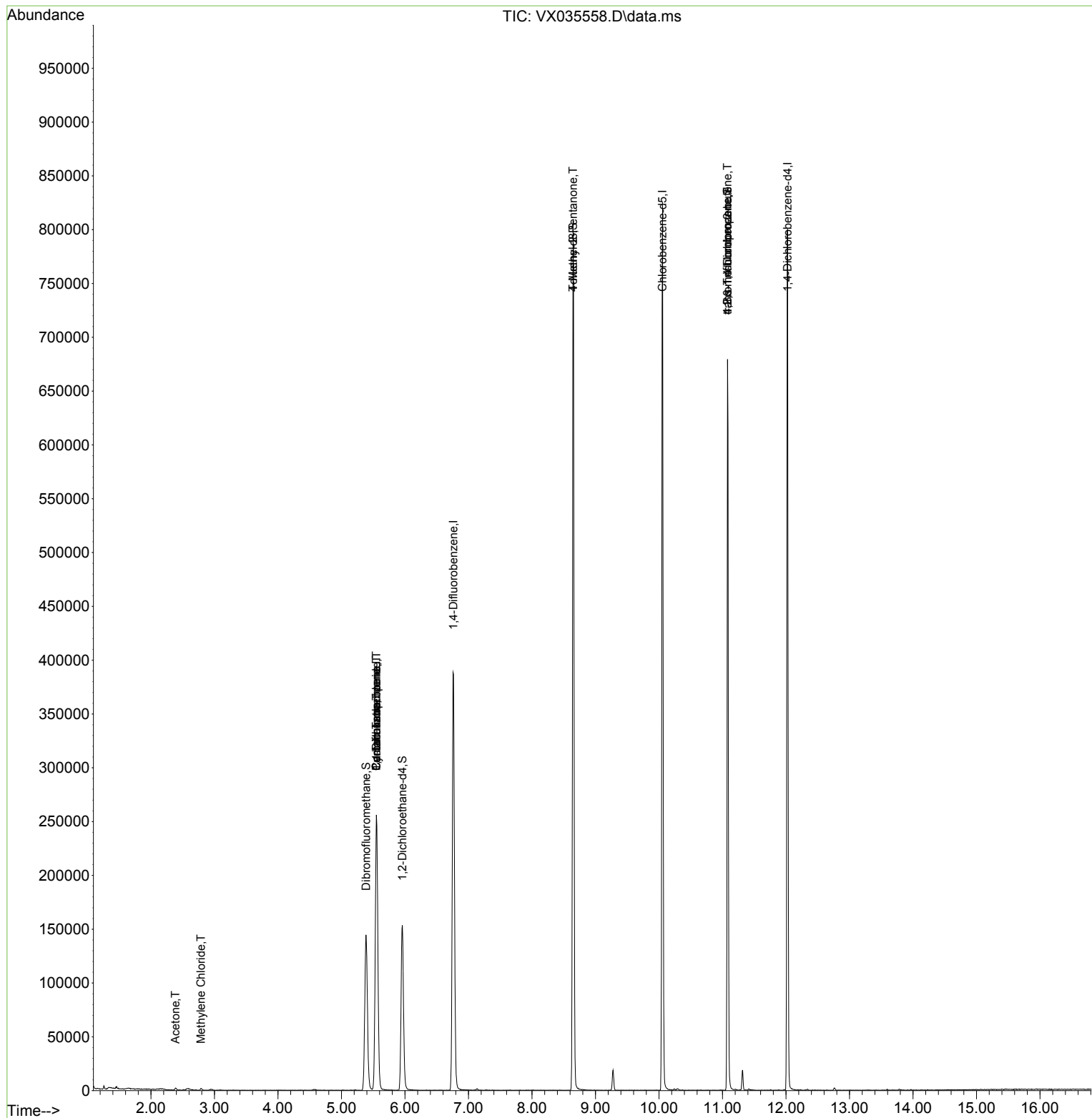
Internal Standards						
1) Pentafluorobenzene	5.550	168	251521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	408375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151141	49.808	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.620%	
35) Dibromofluoromethane	5.385	113	128950	51.447	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.900%	
50) Toluene-d8	8.647	98	484431	51.234	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.460%	
62) 4-Bromofluorobenzene	11.079	95	185644	52.192	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.380%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2118	1.607	ug/l	94
20) Methylene Chloride	2.788	84	789	0.261	ug/l #	82
31) Cyclohexane	5.550	56	4786	1.112	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18496	4.726	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24420	6.573	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2078	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	91709	25.898	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91709	83.878	ug/l #	8

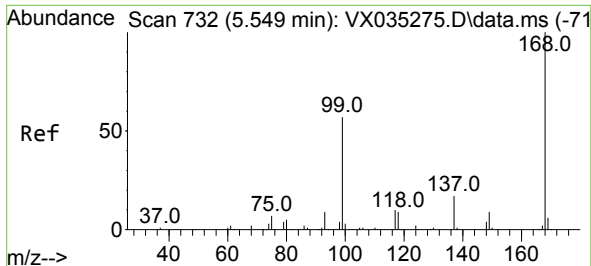
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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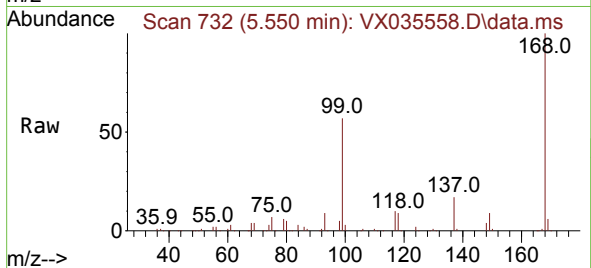
Quant Time: May 09 03:43:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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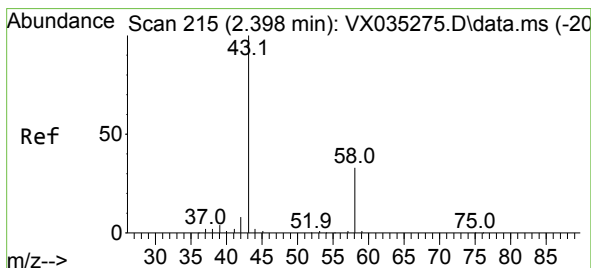
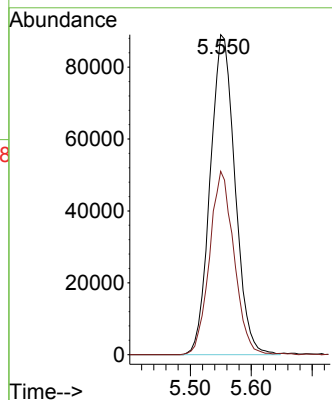
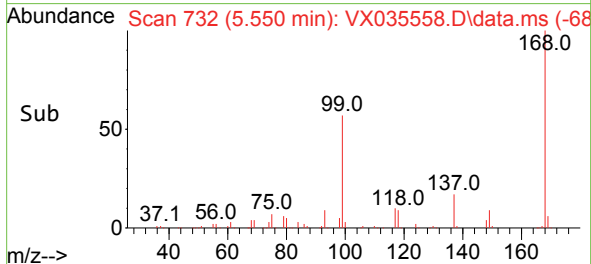


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
TB

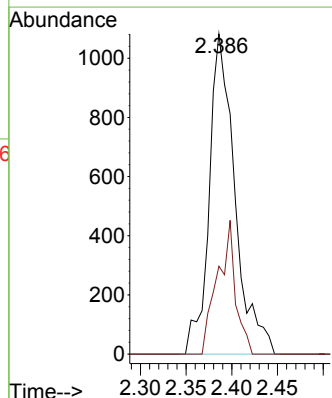
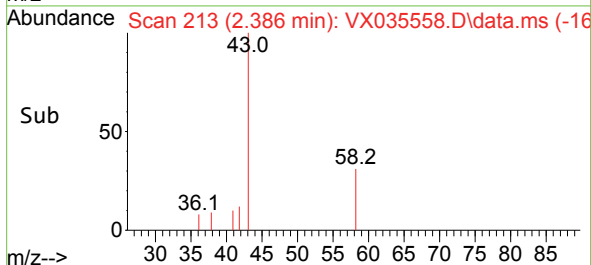
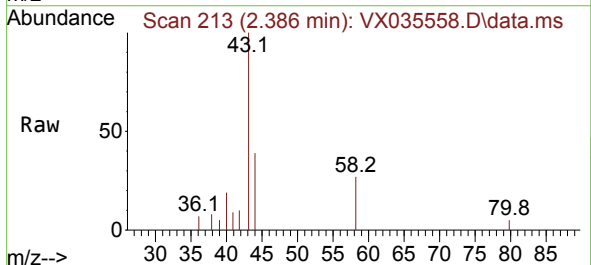


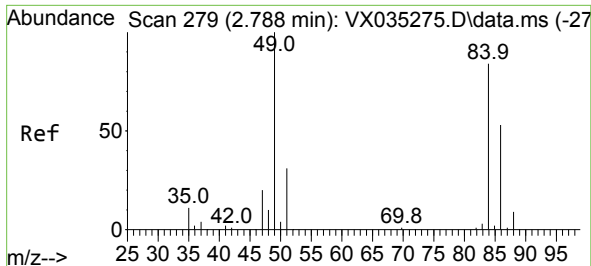
Tgt Ion:168 Resp: 251521
Ion Ratio Lower Upper
168 100
99 57.3 45.7 68.5



#16
Acetone
Concen: 1.607 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
58 27.4 24.7 37.1

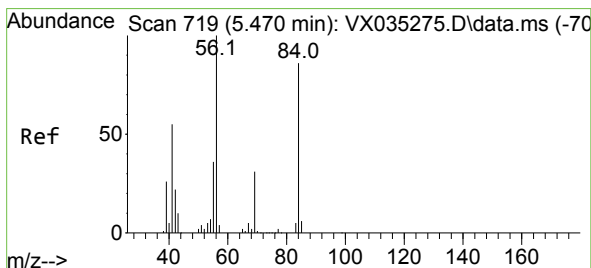
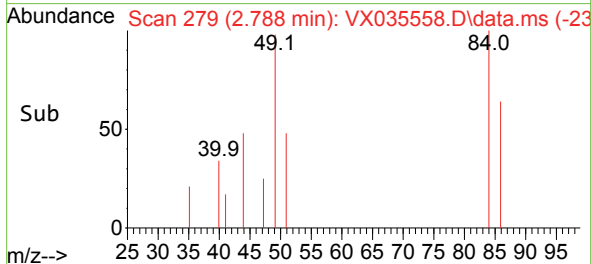
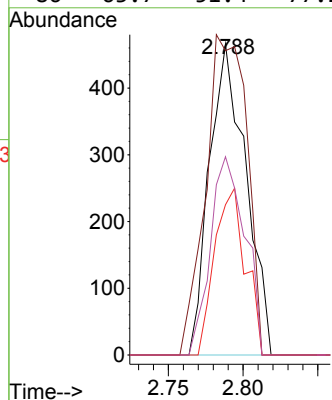
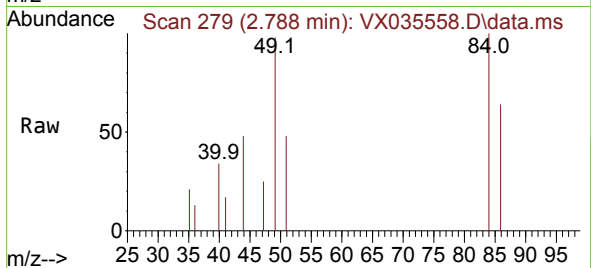




#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

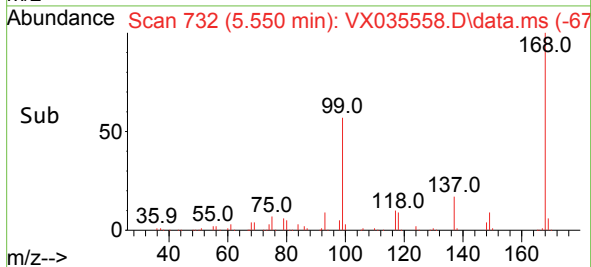
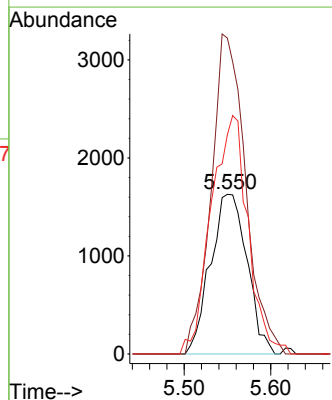
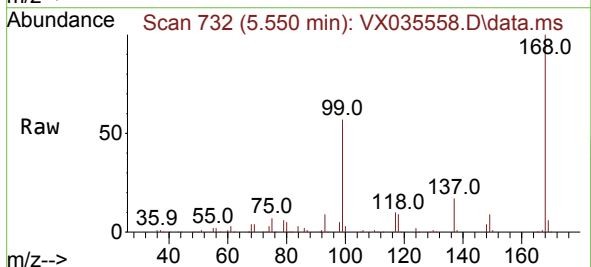
Instrument :
MSVOA_X
ClientSampleId :
TB

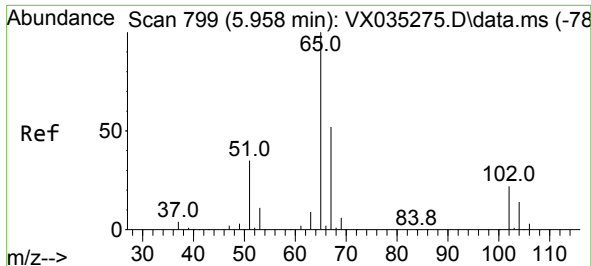
Tgt Ion:	84	Resp:	789
Ion	Ratio	Lower	Upper
84	100		
49	97.9	103.8	155.8#
51	48.3	31.8	47.8#
86	63.7	51.4	77.2



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Tgt Ion:	56	Resp:	4786
Ion	Ratio	Lower	Upper
56	100		
69	197.7	23.7	35.5#
84	137.3	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.808 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035558.D

Acq: 08 May 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

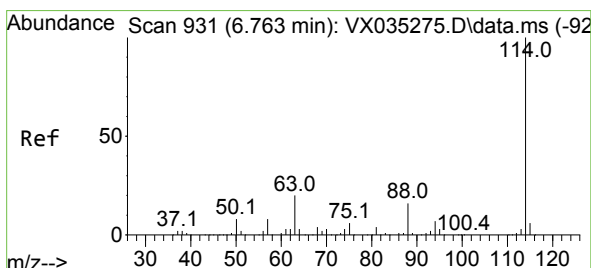
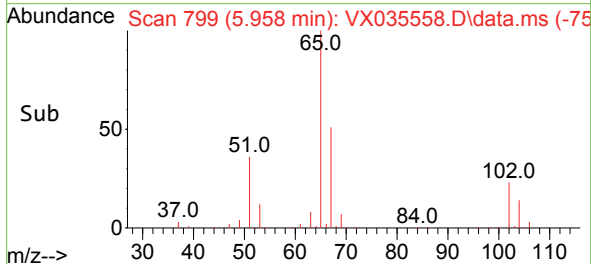
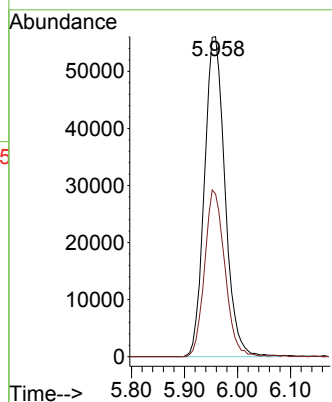
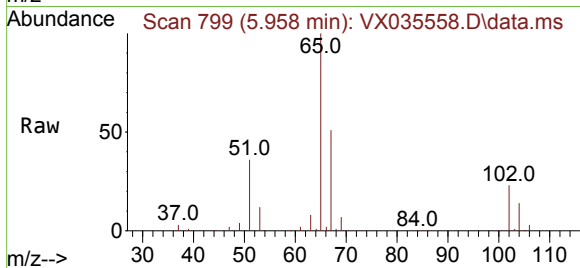
TB

Tgt Ion: 65 Resp: 151141

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035558.D

Acq: 08 May 2023 14:27

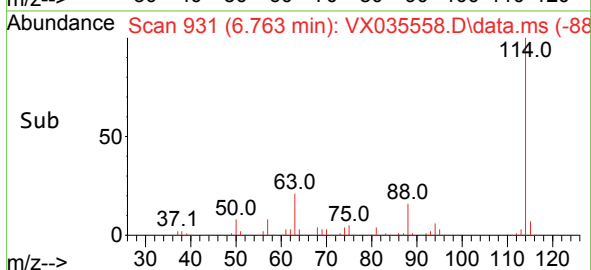
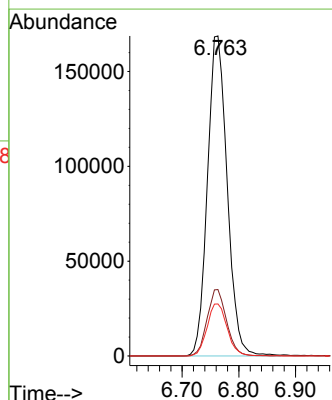
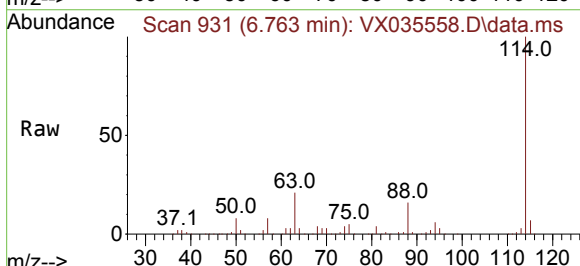
Tgt Ion: 114 Resp: 408375

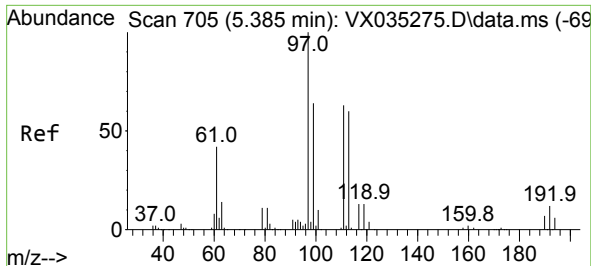
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 16.2 0.0 33.2

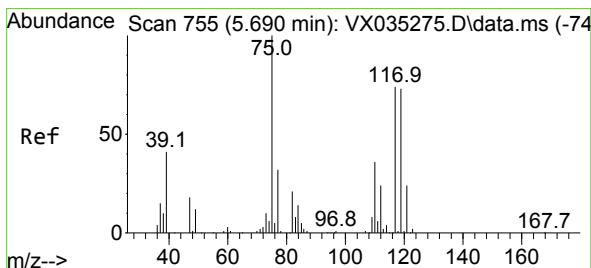
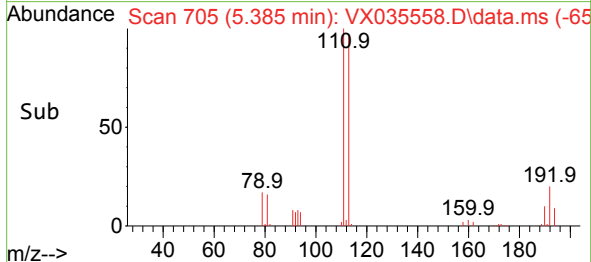
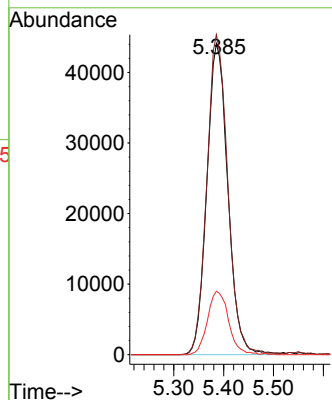
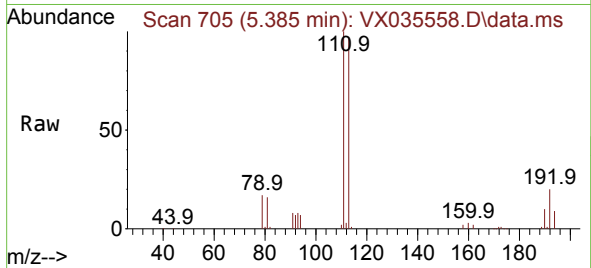




#35
Dibromofluoromethane
Concen: 51.447 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

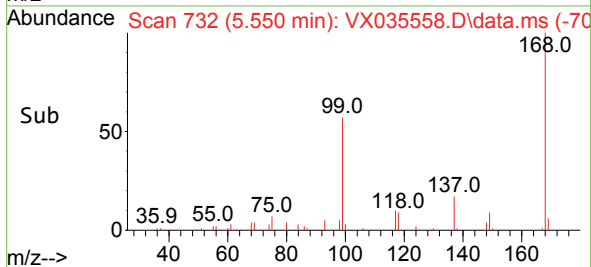
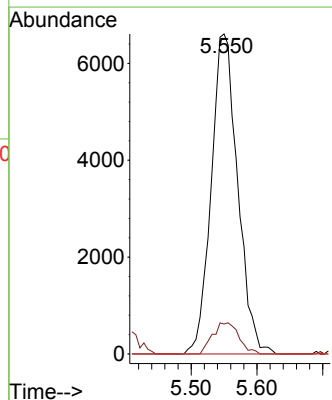
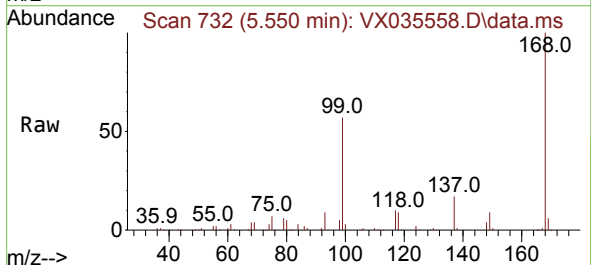
Instrument :
MSVOA_X
ClientSampleId :
TB

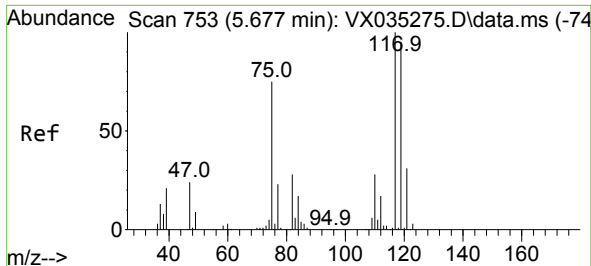
Tgt Ion:113 Resp: 128950
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 20.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.726 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

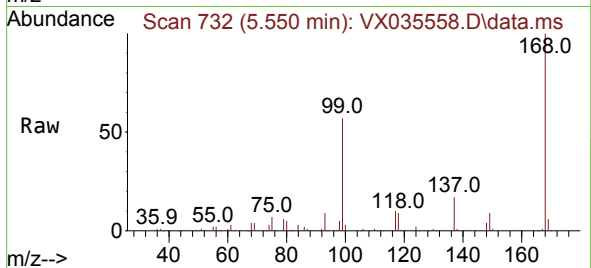
Tgt Ion: 75 Resp: 18496
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



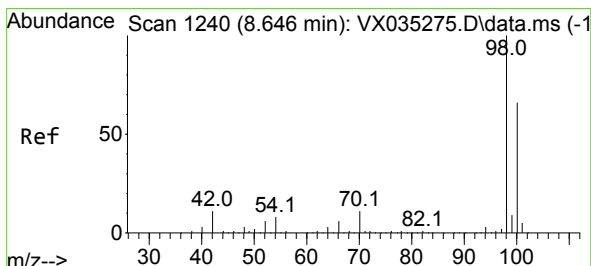
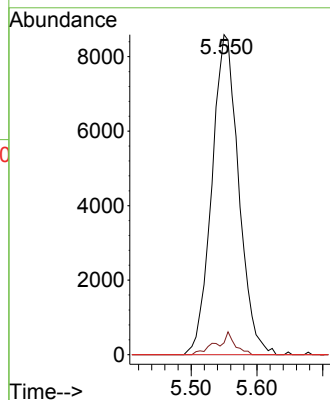
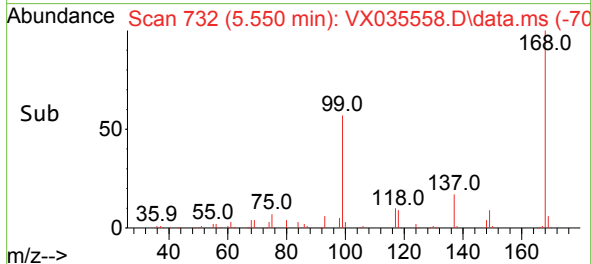


#38
Carbon Tetrachloride
Concen: 6.573 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Instrument :
MSVOA_X
ClientSampleId :
TB

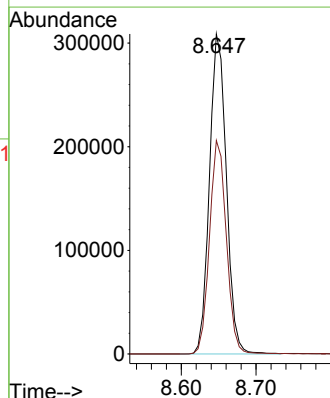
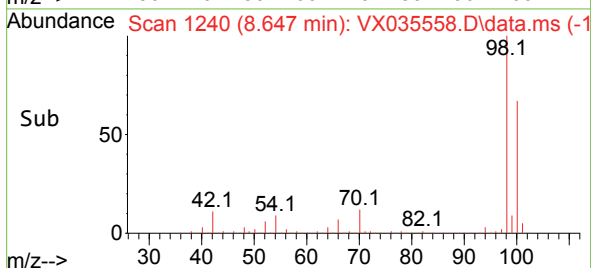
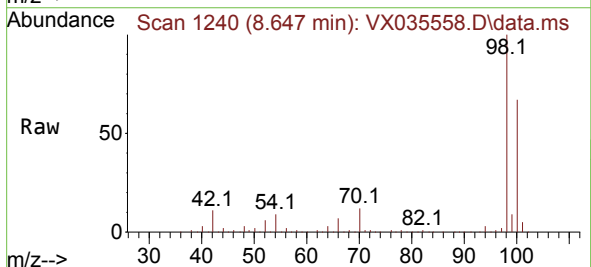


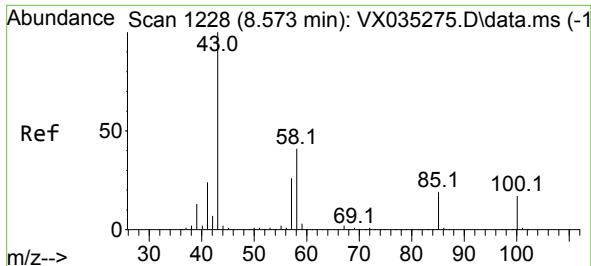
Tgt Ion:117 Resp: 24420
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.234 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Tgt Ion: 98 Resp: 484431
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.563 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035558.D

Acq: 08 May 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

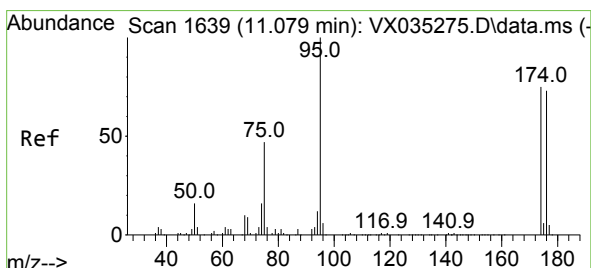
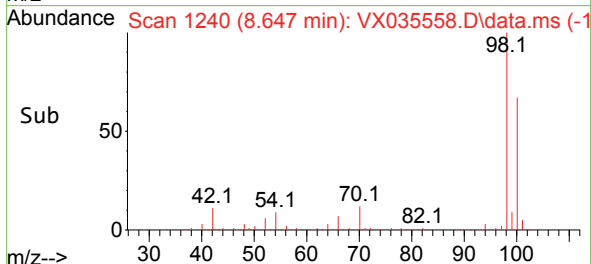
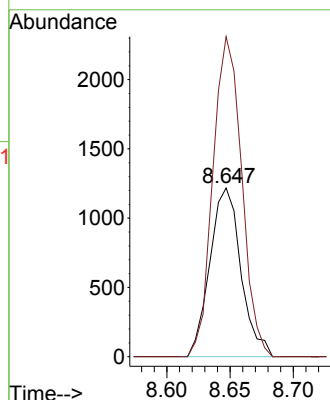
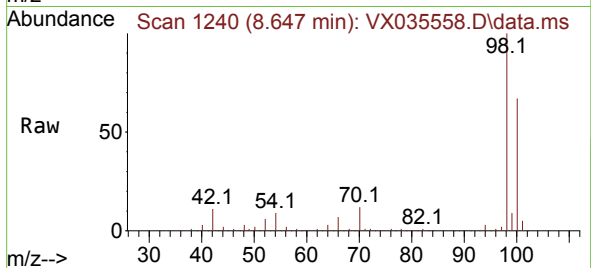
TB

Tgt Ion: 43 Resp: 2078

Ion Ratio Lower Upper

43 100

58 176.0 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 52.192 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035558.D

Acq: 08 May 2023 14:27

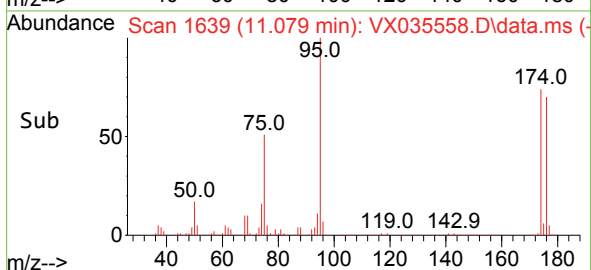
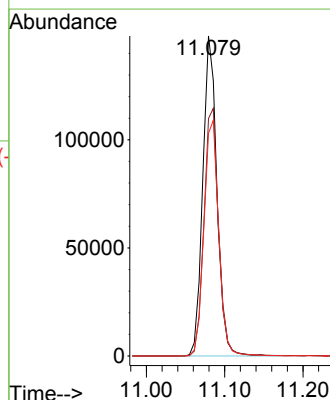
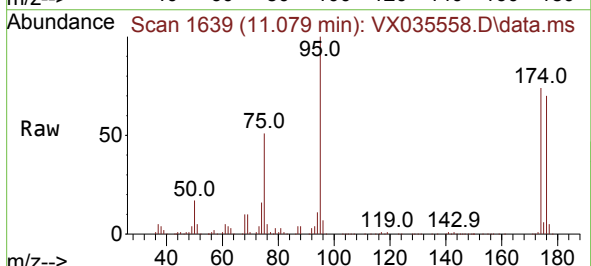
Tgt Ion: 95 Resp: 185644

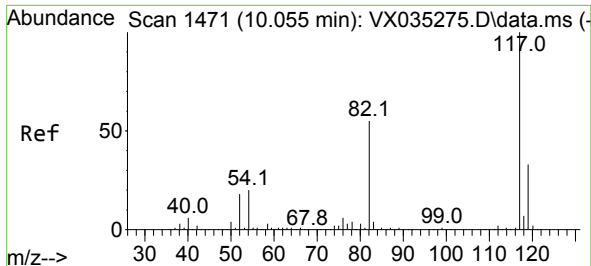
Ion Ratio Lower Upper

95 100

174 80.2 0.0 147.4

176 76.8 0.0 140.6

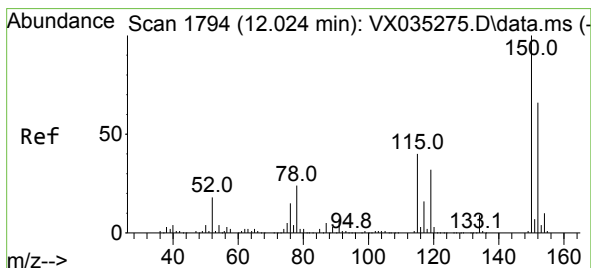
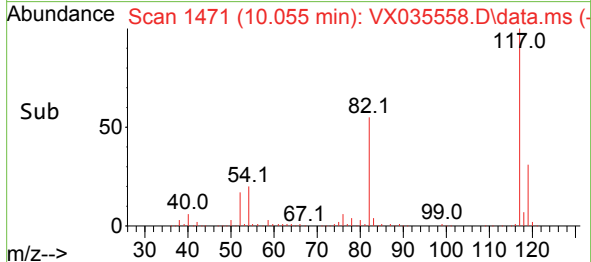
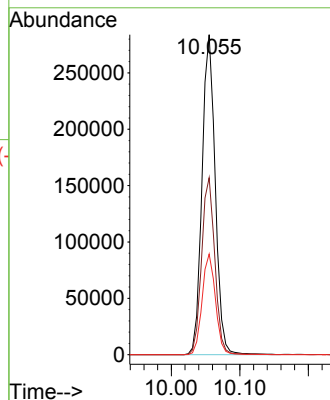
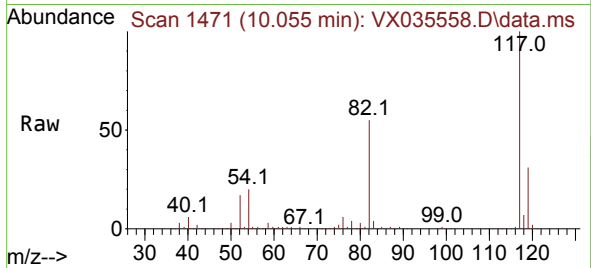




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

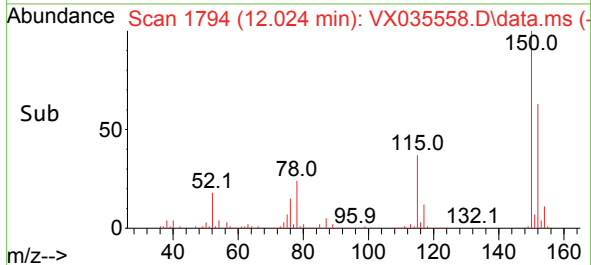
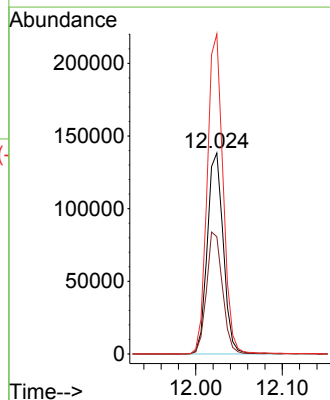
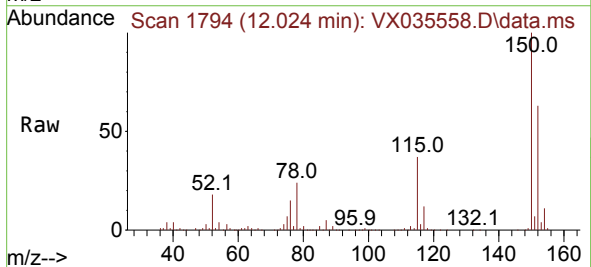
Instrument :
MSVOA_X
ClientSampleId :
TB

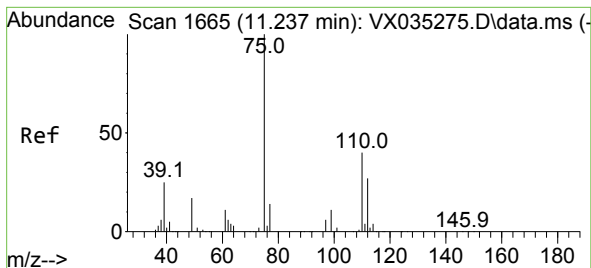
Tgt Ion:117 Resp: 381142
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035558.D
Acq: 08 May 2023 14:27

Tgt Ion:152 Resp: 177523
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 157.6 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.898 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035558.D

Acq: 08 May 2023 14:27

Instrument :

MSVOA_X

ClientSampleId :

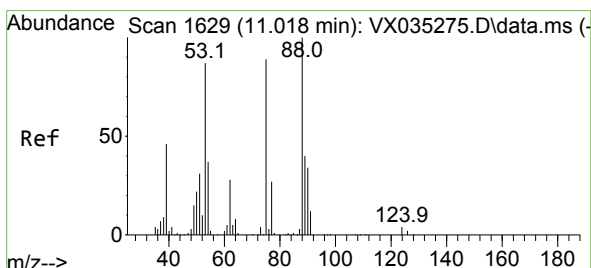
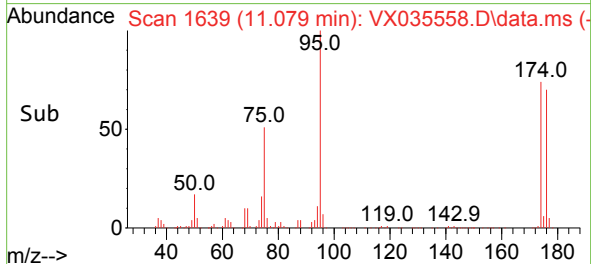
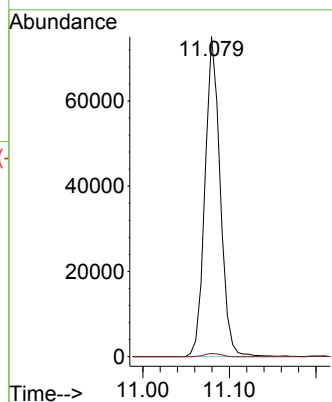
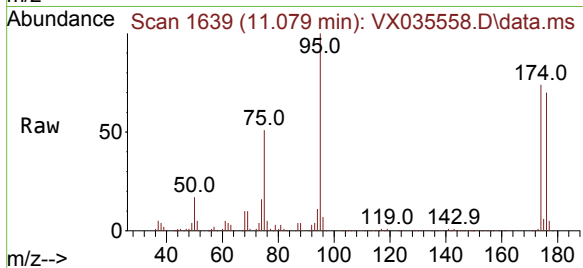
TB

Tgt Ion: 75 Resp: 91709

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.878 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035558.D

Acq: 08 May 2023 14:27

Tgt Ion: 75 Resp: 91709

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

