

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037625.D
 Acq On : 09 Sep 2023 14:11
 Operator : JC/MD
 Sample : 04358-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 01:22:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

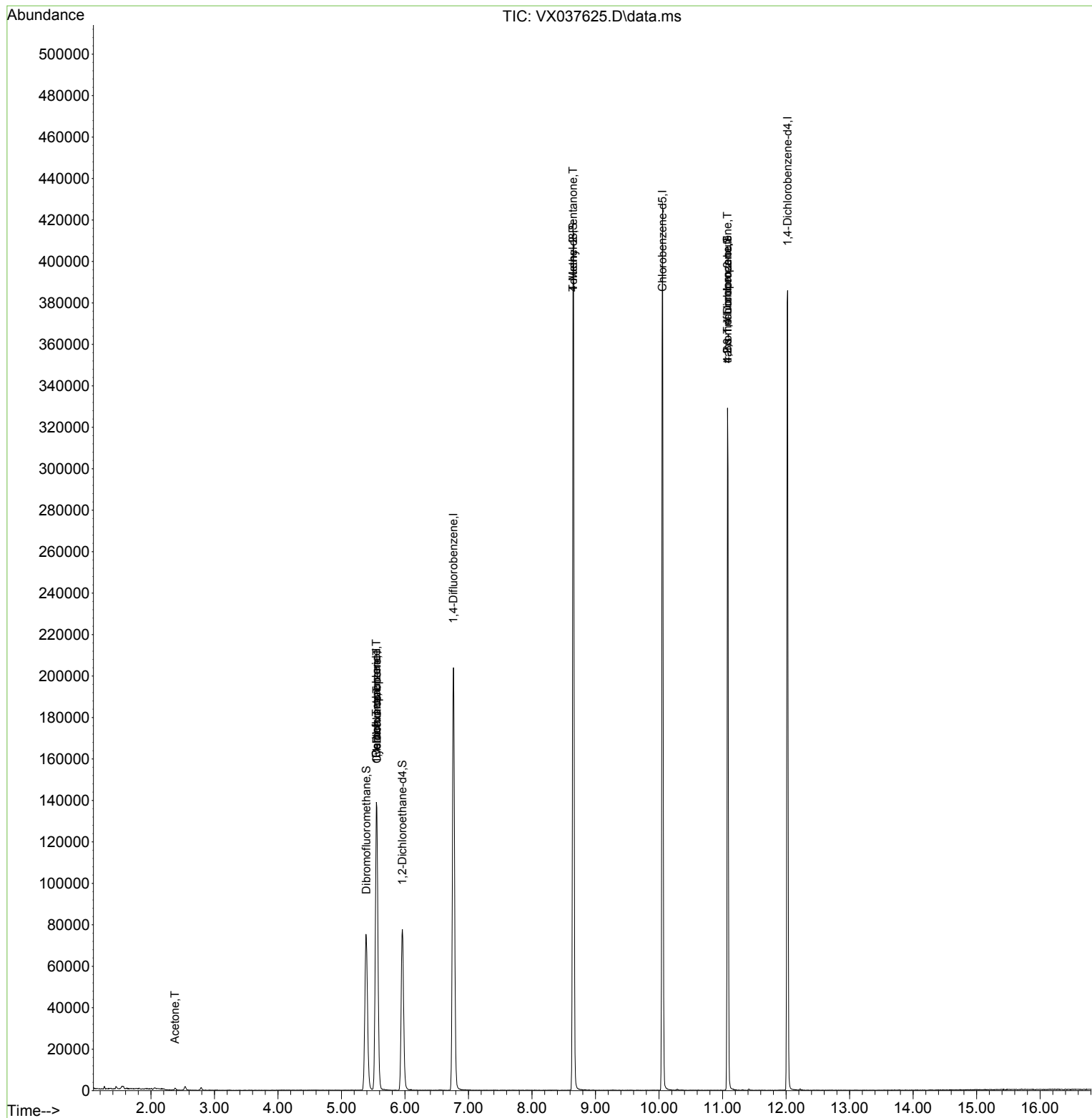
Internal Standards						
1) Pentafluorobenzene	5.550	168	135161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75963	41.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.260%
35) Dibromofluoromethane	5.391	113	69084	44.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.480%
50) Toluene-d8	8.647	98	262476	45.831	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.660%#
62) 4-Bromofluorobenzene	11.079	95	93315	43.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1049	1.398	ug/l #	75
20) Methylene Chloride	2.794	84	704	Below Cal	#	73
31) Cyclohexane	5.556	56	2147	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9836	4.768	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13612	6.385	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	867	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43456	20.994	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43456	62.858	ug/l #	5

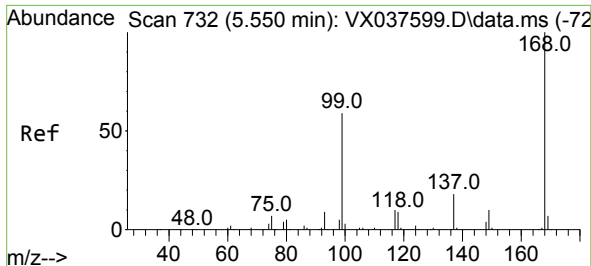
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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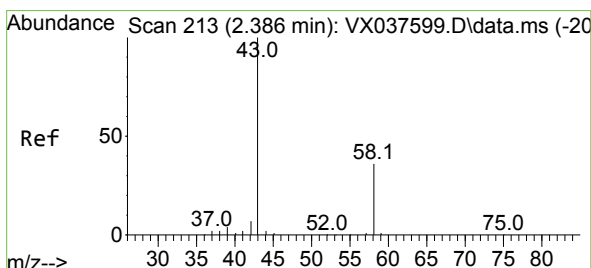
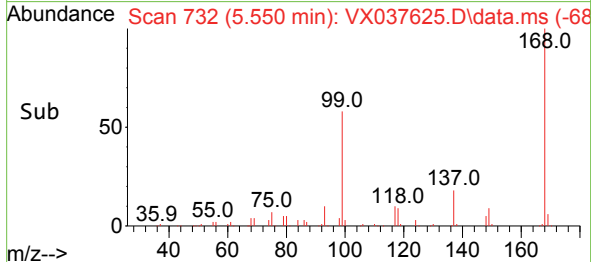
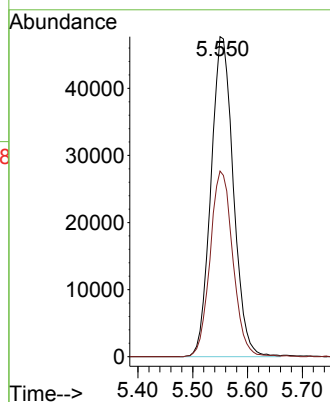
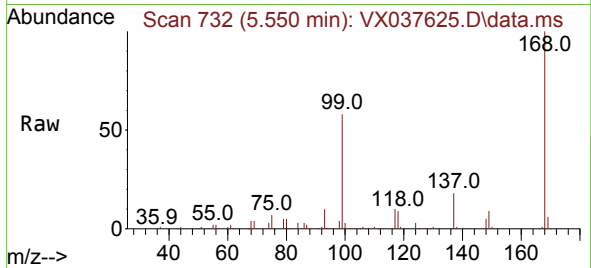




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

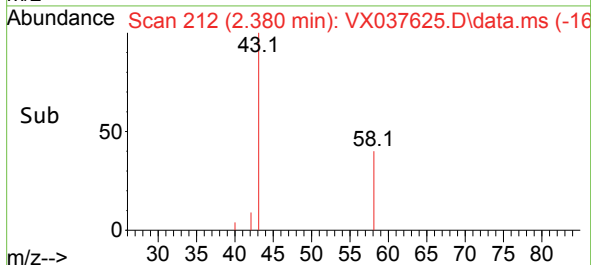
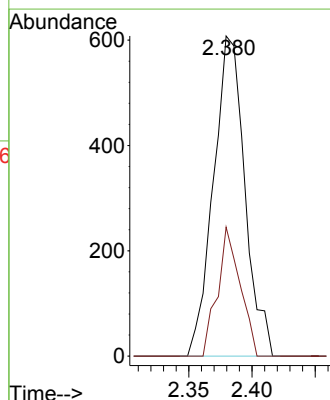
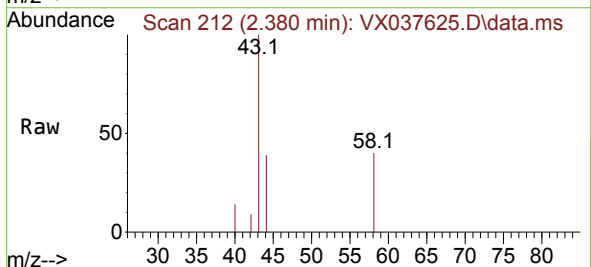
Instrument :
MSVOA_X
ClientSampleId :

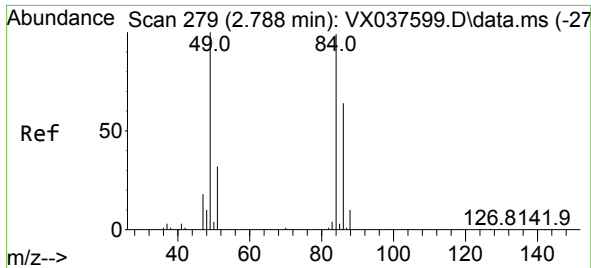
Tgt Ion:168 Resp: 135161
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#16
Acetone
Concen: 1.398 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

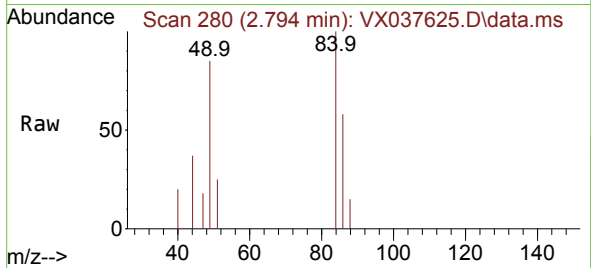
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 40.3 21.9 32.9#



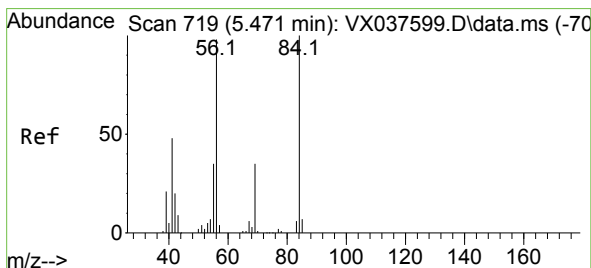
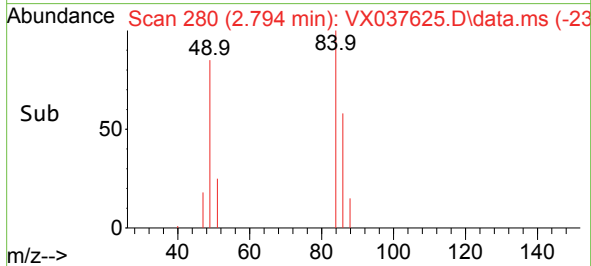
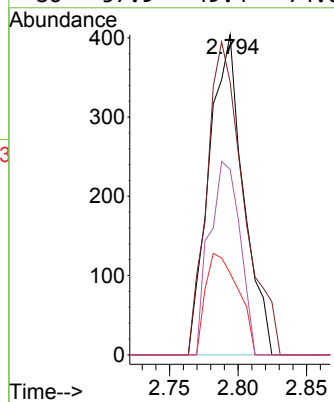


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

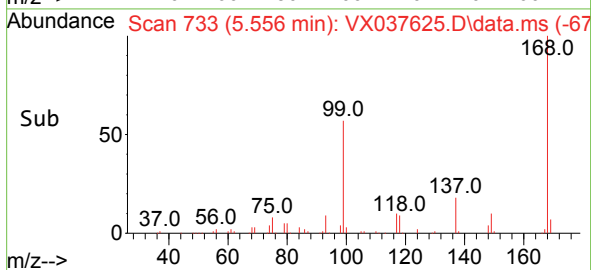
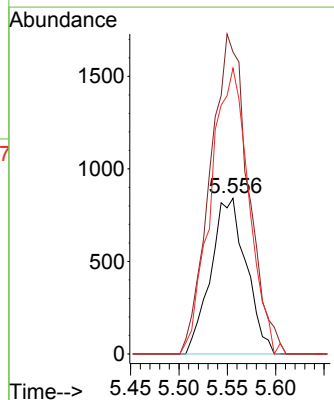
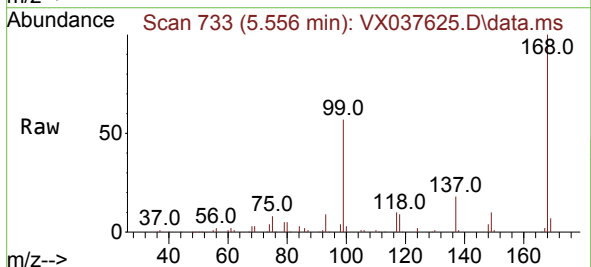


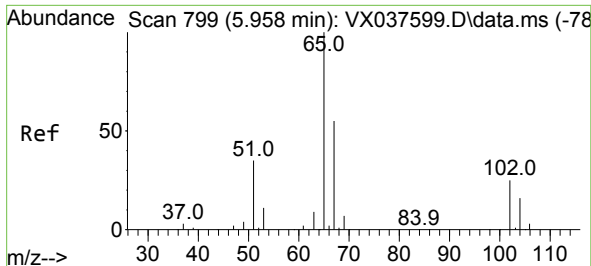
Tgt Ion:	84	Resp:	704
Ion	Ratio	Lower	Upper
84	100		
49	85.1	103.6	155.4#
51	25.5	33.8	50.6#
86	57.9	49.4	74.0



#31
Cyclohexane
Concen: 0.967 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Tgt Ion:	56	Resp:	2147
Ion	Ratio	Lower	Upper
56	100		
69	193.9	23.4	35.2#
84	183.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.635 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037625.D

Acq: 09 Sep 2023 14:11

Instrument :

MSVOA_X

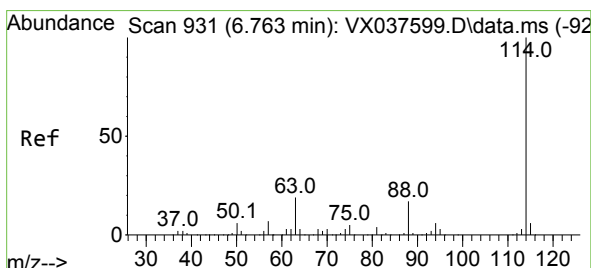
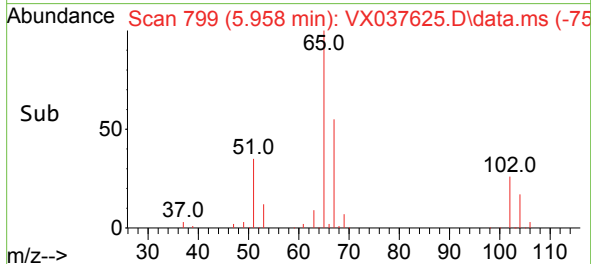
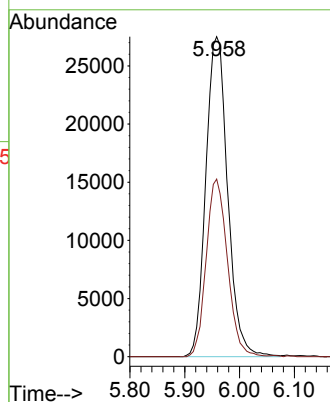
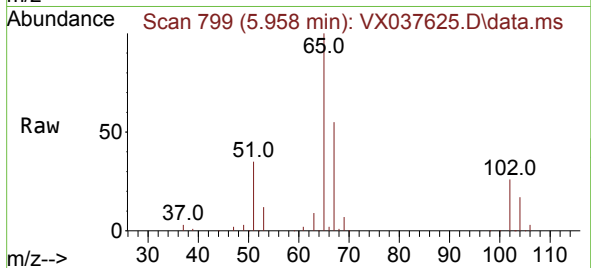
ClientSampleId :

Tgt Ion: 65 Resp: 75963

Ion Ratio Lower Upper

65 100

67 54.1 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: VX037625.D

Acq: 09 Sep 2023 14:11

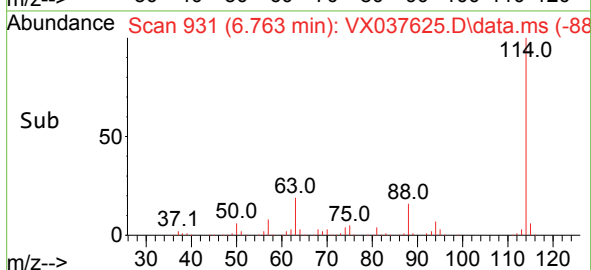
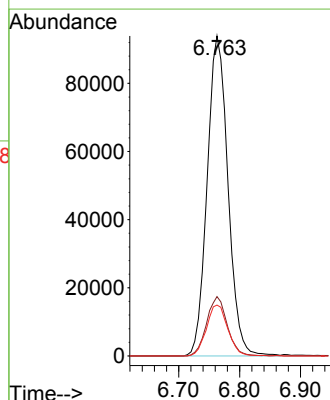
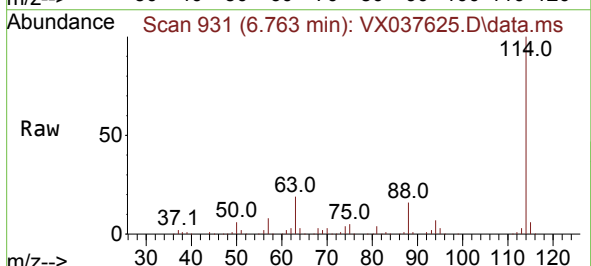
Tgt Ion: 114 Resp: 223248

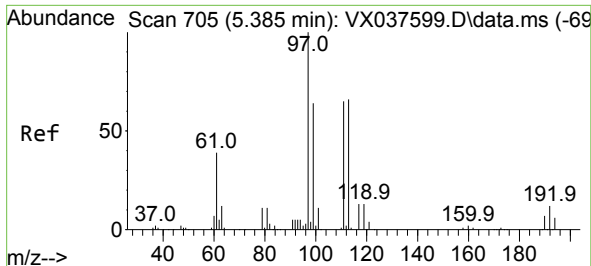
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

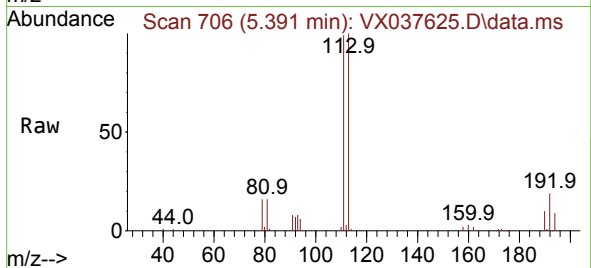
88 15.9 0.0 36.6



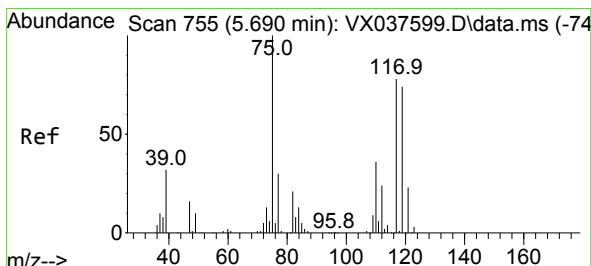
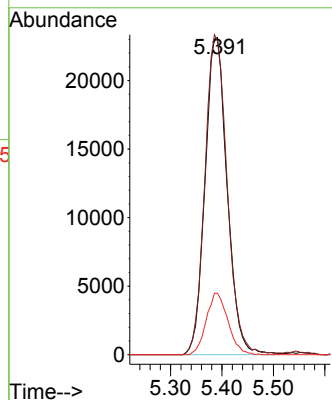
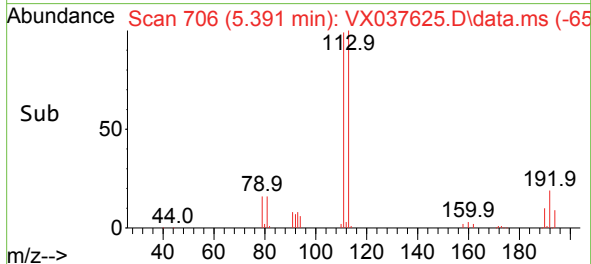


#35
Dibromofluoromethane
Concen: 44.243 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

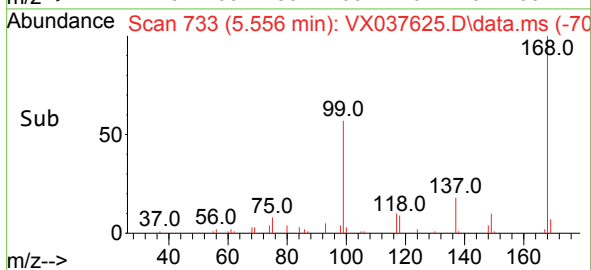
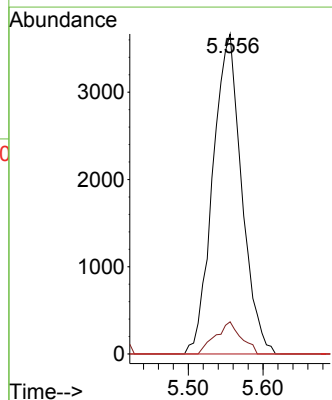
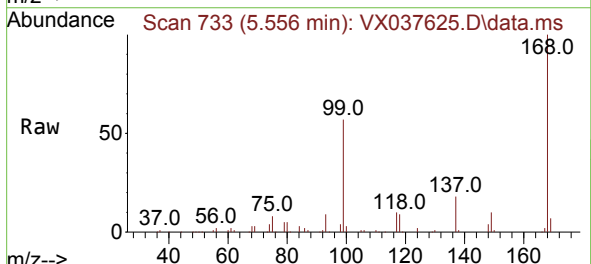


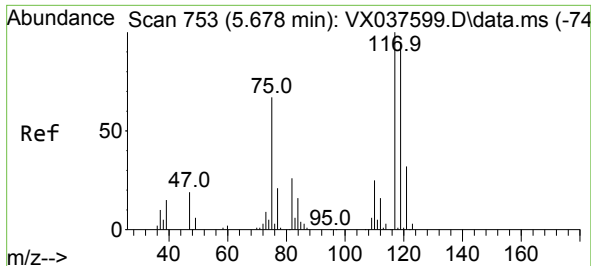
Tgt Ion:113 Resp: 69084
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.768 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

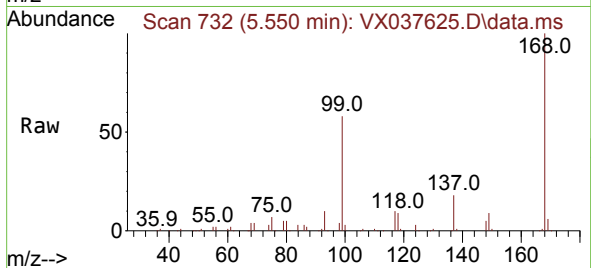
Tgt Ion: 75 Resp: 9836
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



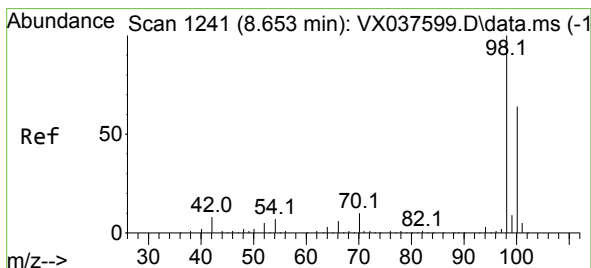
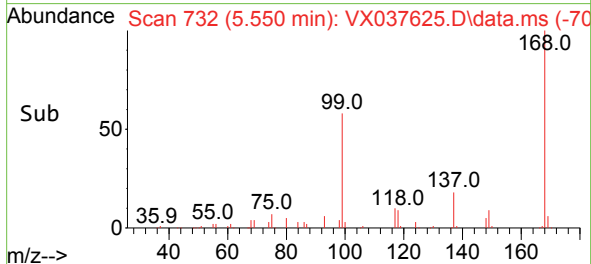
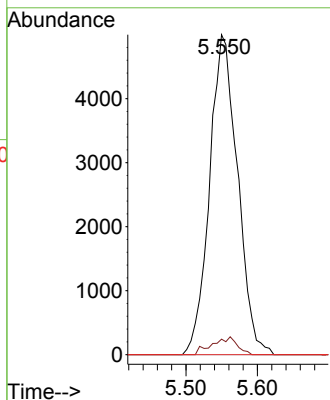


#38
Carbon Tetrachloride
Concen: 6.385 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :

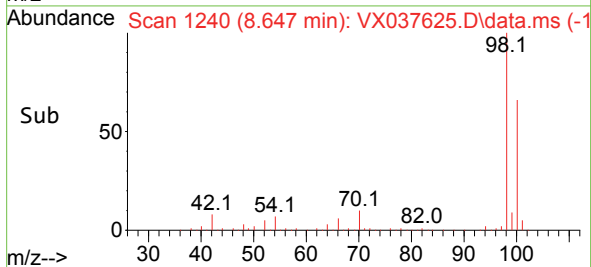
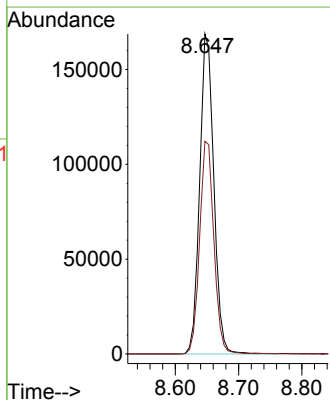
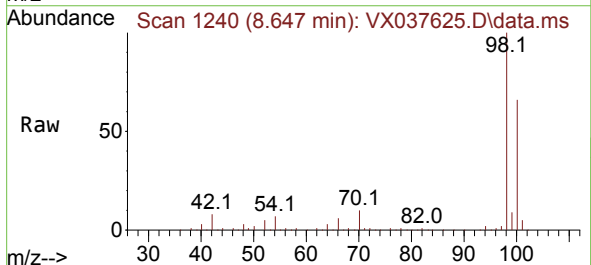


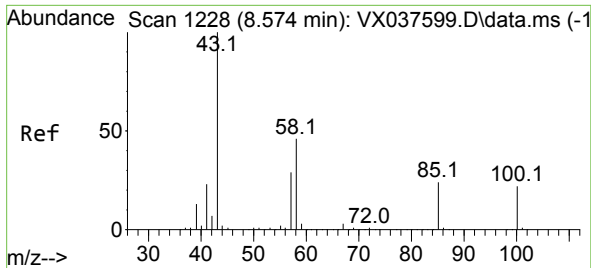
Tgt Ion:117 Resp: 13612
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.831 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Tgt Ion: 98 Resp: 262476
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7

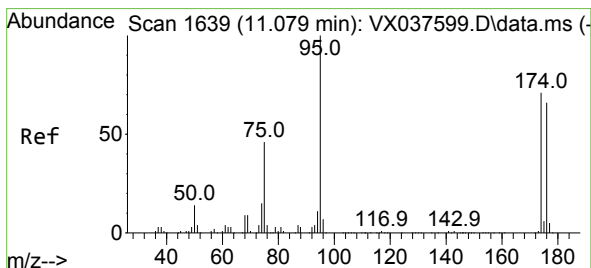
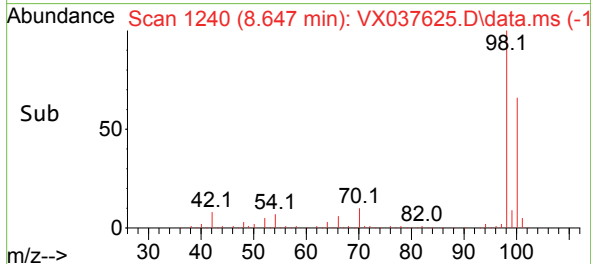
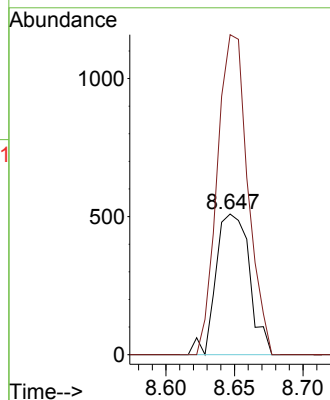
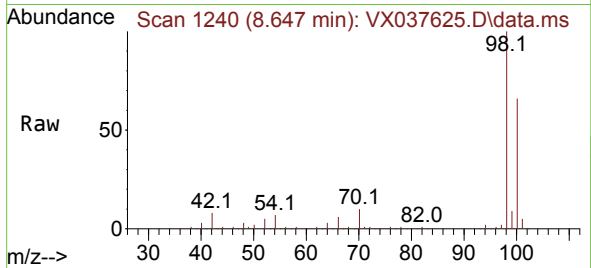




#51
 4-Methyl-2-Pentanone
 Concen: 0.430 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX037625.D
 Acq: 09 Sep 2023 14:11

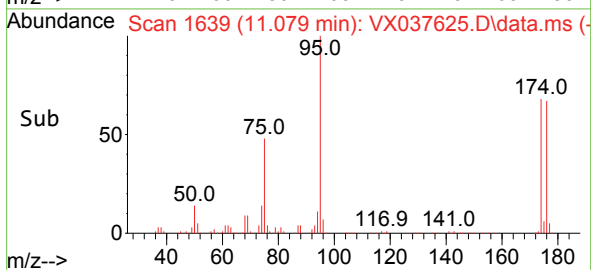
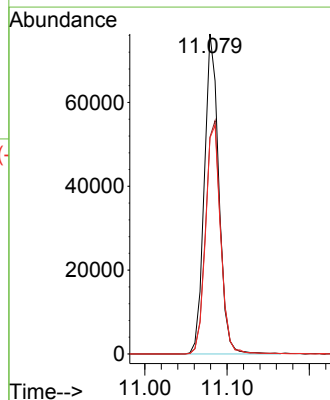
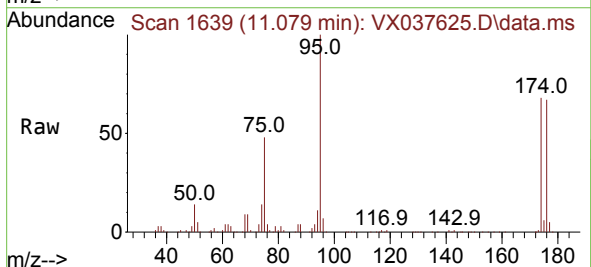
Instrument :
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 ClientSampleId :

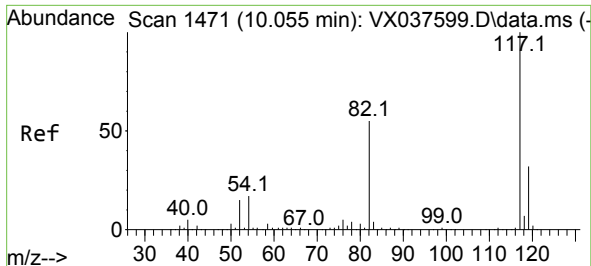
Tgt Ion: 43 Resp: 867
 Ion Ratio Lower Upper
 43 100
 58 207.8 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 43.232 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX037625.D
 Acq: 09 Sep 2023 14:11

Tgt Ion: 95 Resp: 93315
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 135.6
 176 74.6 0.0 131.0

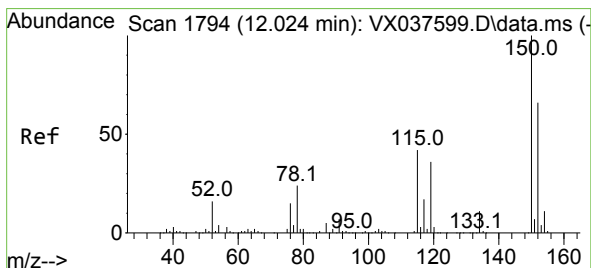
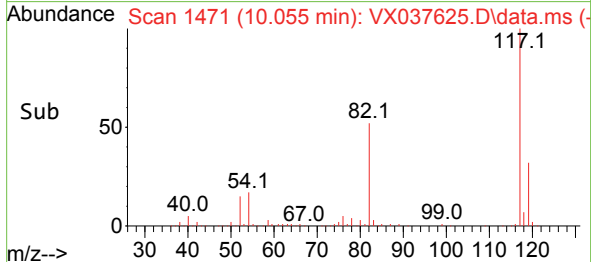
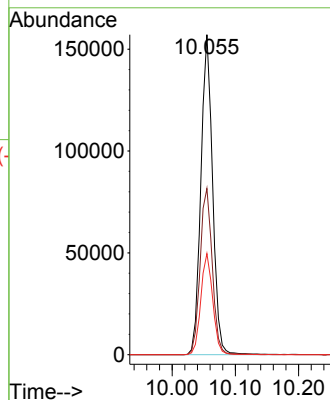
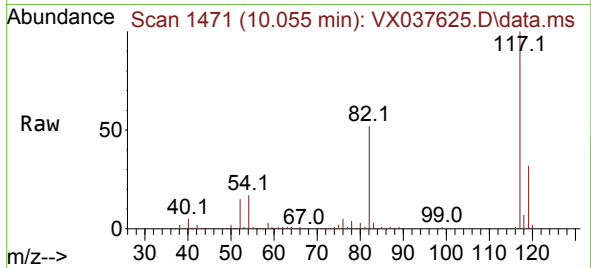




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

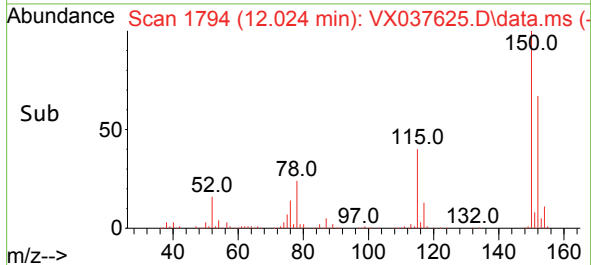
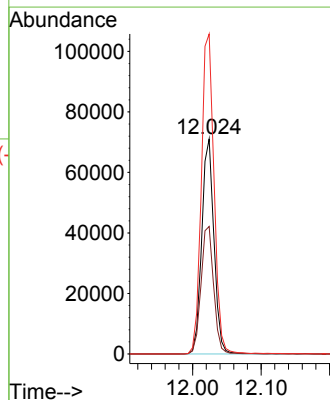
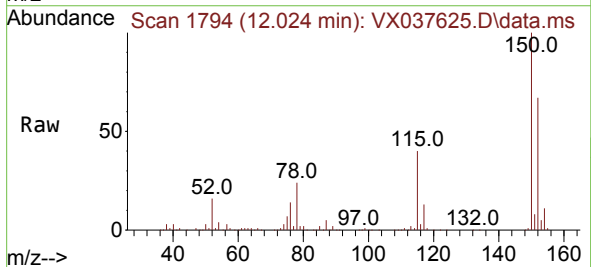
Instrument :
MSVOA_X
ClientSampleId :

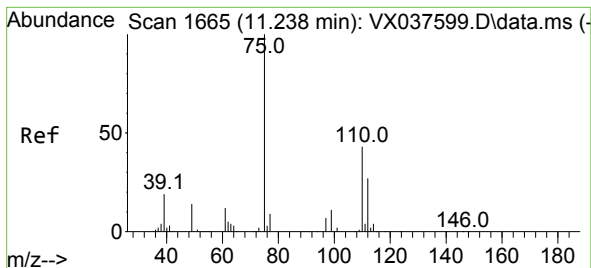
Tgt Ion:117 Resp: 202830
Ion Ratio Lower Upper
117 100
82 51.9 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037625.D
Acq: 09 Sep 2023 14:11

Tgt Ion:152 Resp: 88419
Ion Ratio Lower Upper
152 100
115 61.3 43.3 129.9
150 154.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.994 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

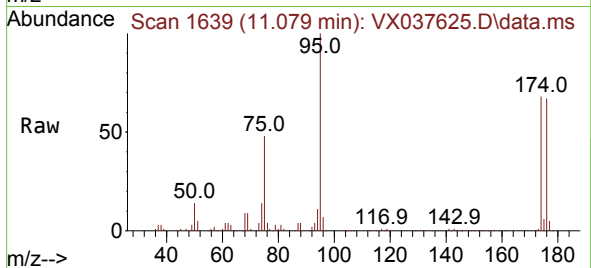
Lab File: VX037625.D

Acq: 09 Sep 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

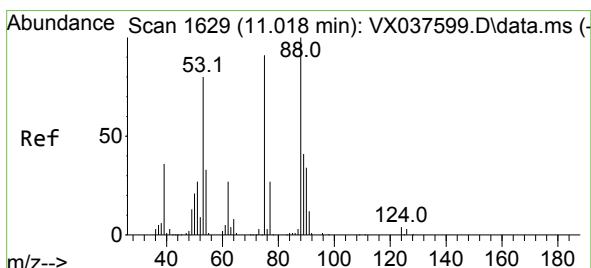
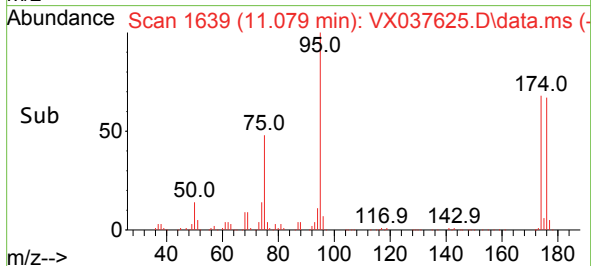
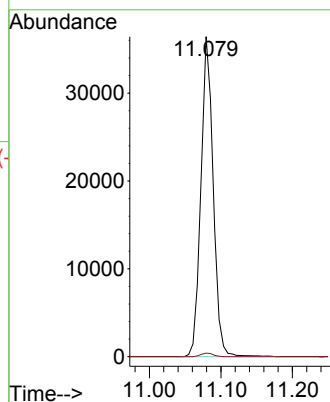


Tgt Ion: 75 Resp: 43456

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.858 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037625.D

Acq: 09 Sep 2023 14:11

Tgt Ion: 75 Resp: 43456

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

