

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039646.D
 Acq On : 05 Jan 2024 14:04
 Operator : JC/MD
 Sample : P1041-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 22:22:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

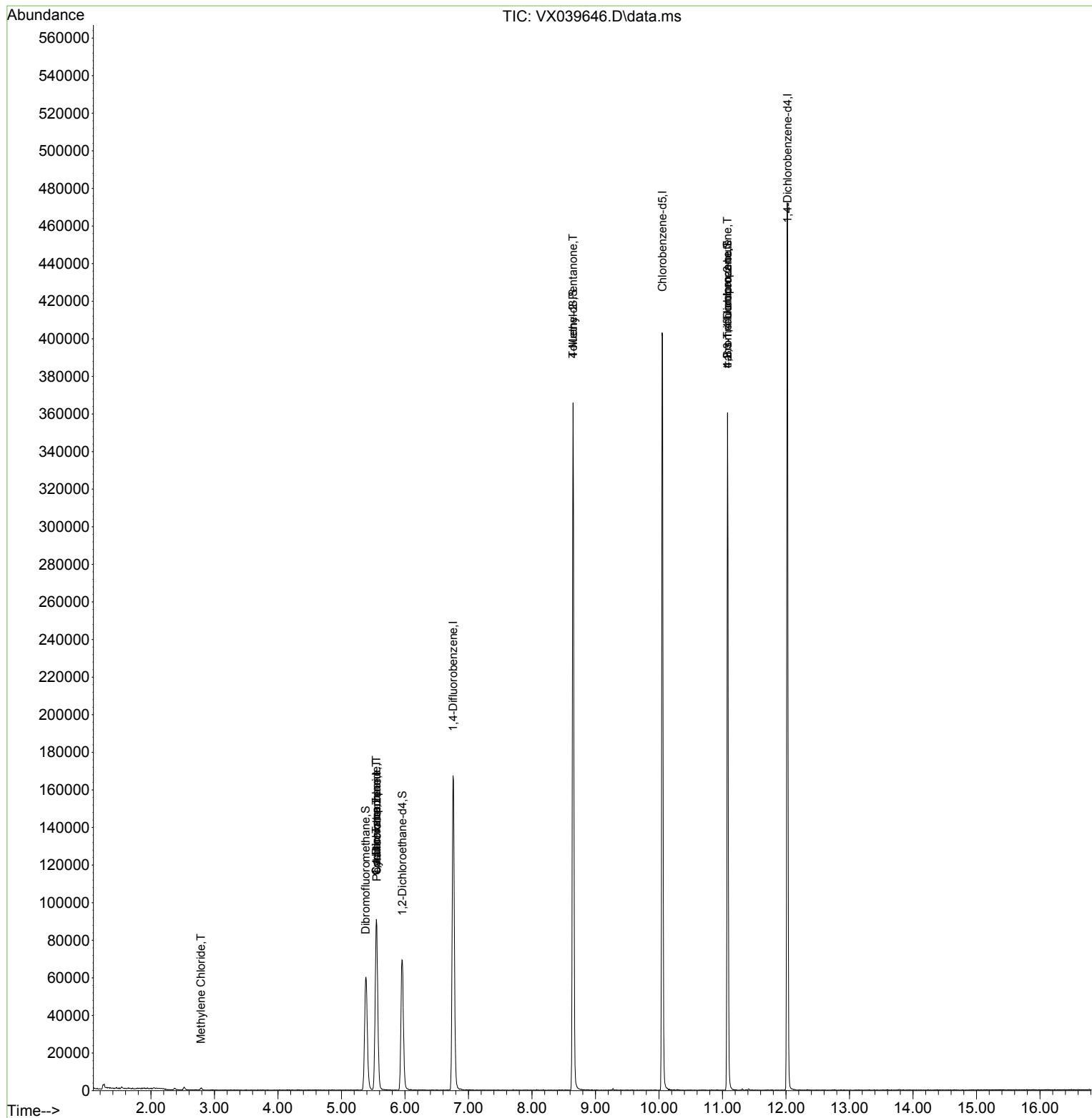
Internal Standards						
1) Pentafluorobenzene	5.556	168	79094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67114	46.319	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.640%
35) Dibromofluoromethane	5.379	113	54506	47.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	209888	49.545	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	96918	55.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.900%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1034	Below Cal	#	87
20) Methylene Chloride	2.788	84	522	0.432	ug/l #	84
31) Cyclohexane	5.550	56	2247	1.201	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7823	4.345	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8776	5.107	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1008	0.437	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52222	21.965	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52222	61.962	ug/l #	5

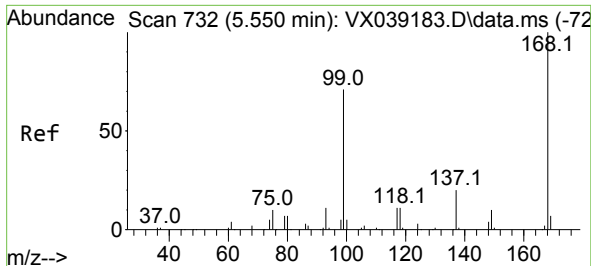
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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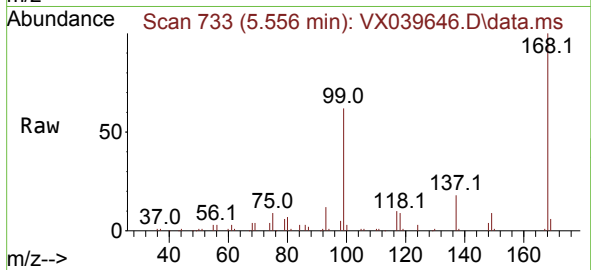
Quant Time: Jan 05 22:22:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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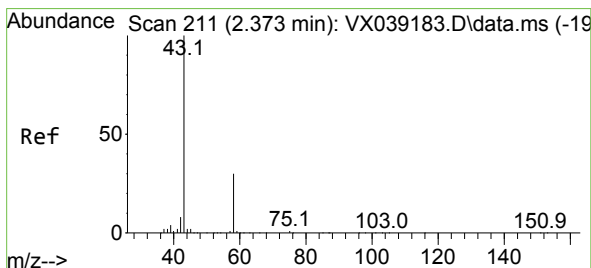
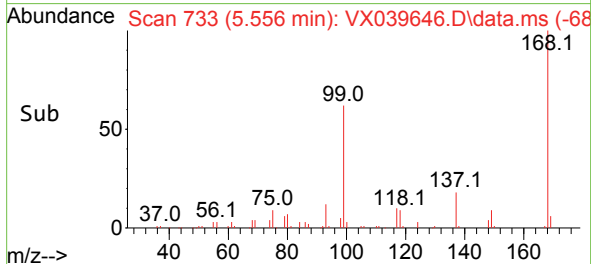
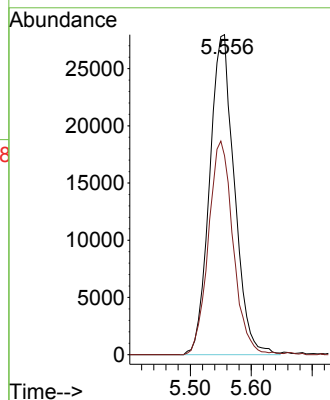


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

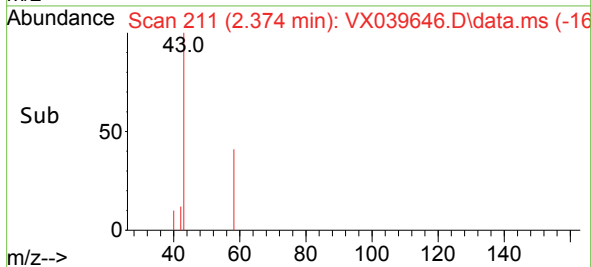
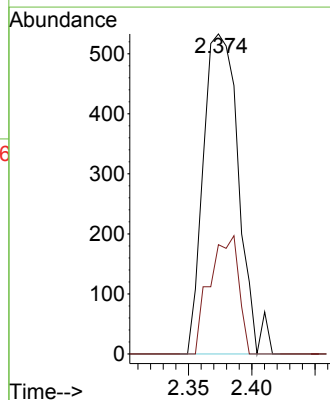
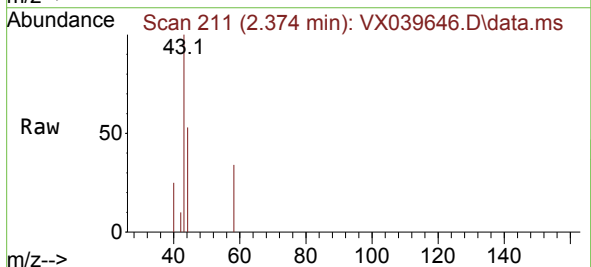


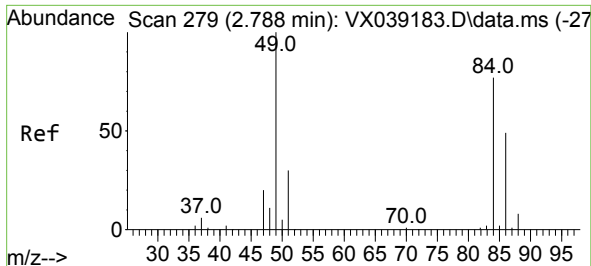
Tgt Ion:168 Resp: 79094
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

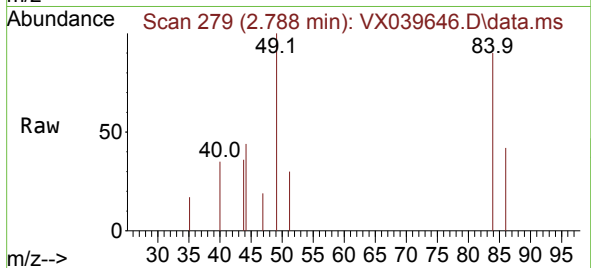
Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#



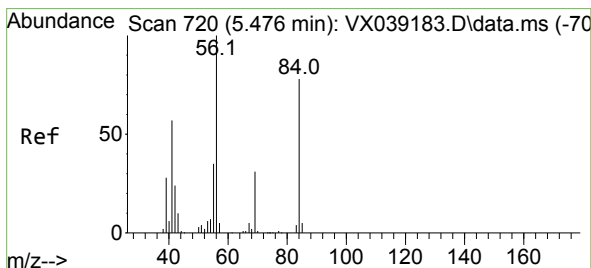
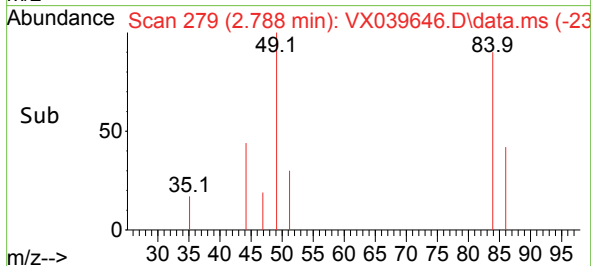
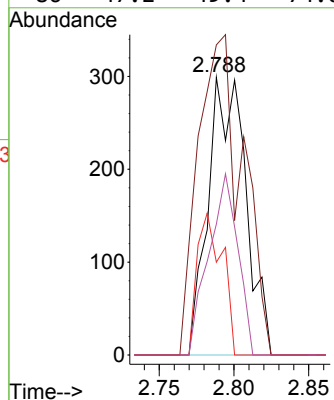


#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

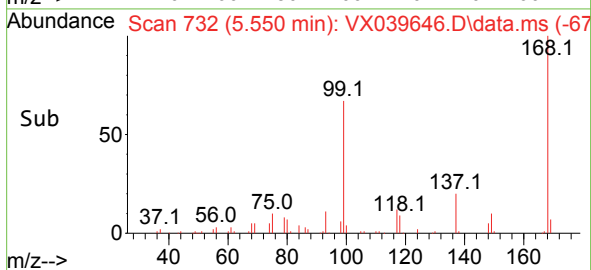
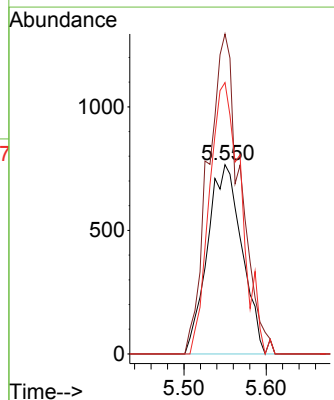
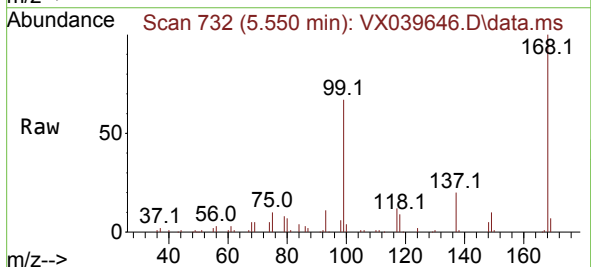


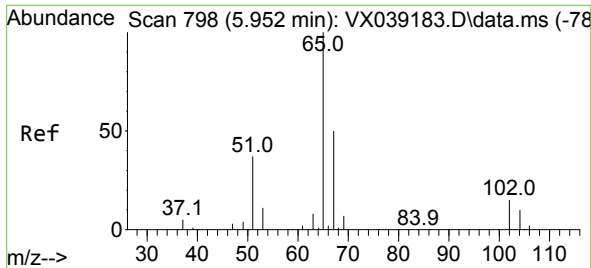
Tgt Ion: 84	Resp: 522
Ion Ratio	Lower Upper
84 100	
49 111.7	103.6 155.4
51 33.4	33.8 50.6#
86 47.2	49.4 74.0#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

Tgt Ion: 56	Resp: 2247
Ion Ratio	Lower Upper
56 100	
69 169.1	23.4 35.2#
84 143.3	65.9 98.9#

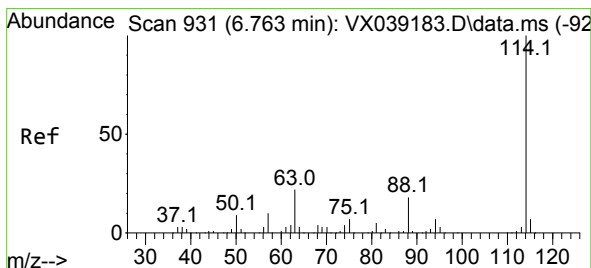
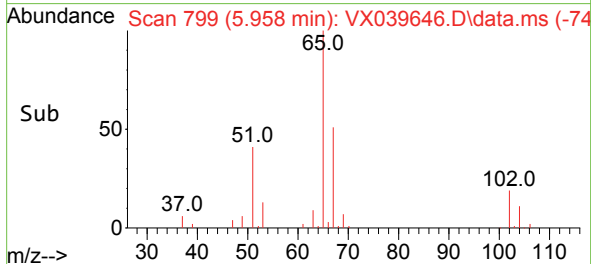
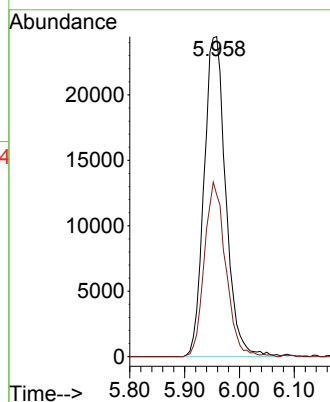
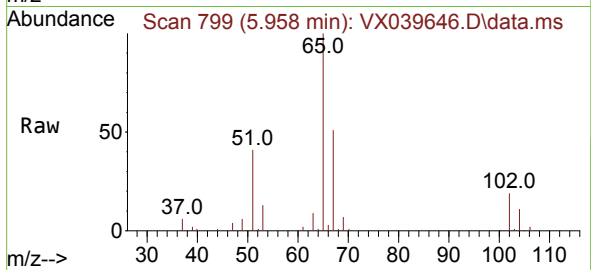




#33
1,2-Dichloroethane-d4
Concen: 46.319 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

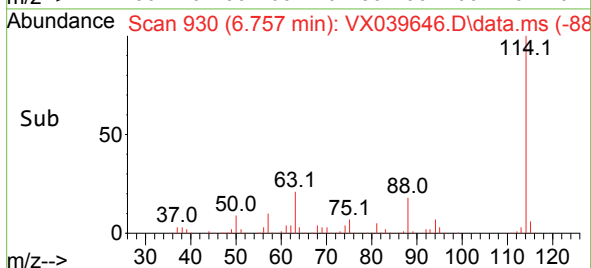
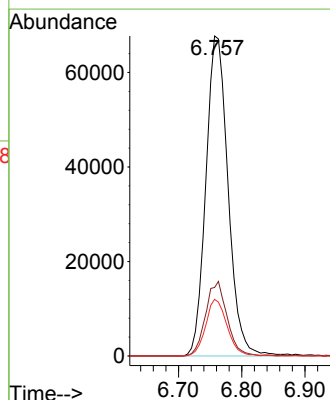
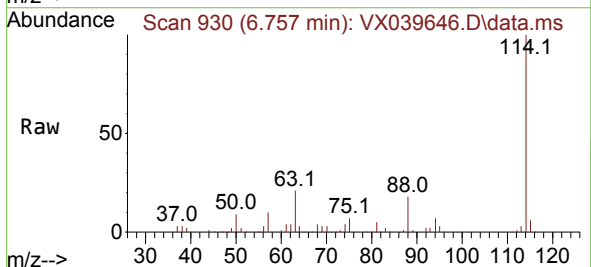
Instrument :
MSVOA_X
ClientSampleId :

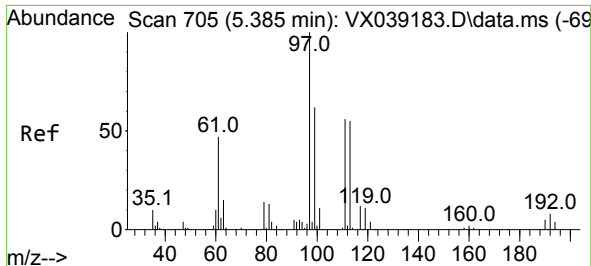
Tgt Ion: 65 Resp: 67114
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

Tgt Ion:114 Resp: 165170
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 17.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.767 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

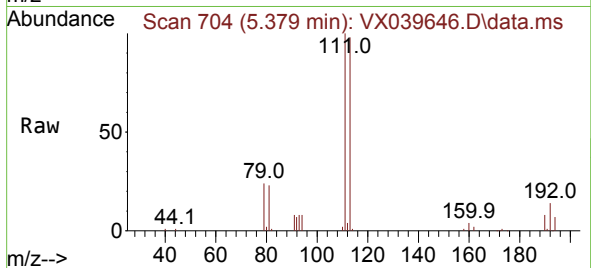
Lab File: VX039646.D

Acq: 05 Jan 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :



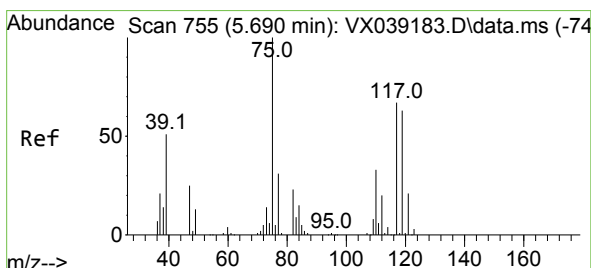
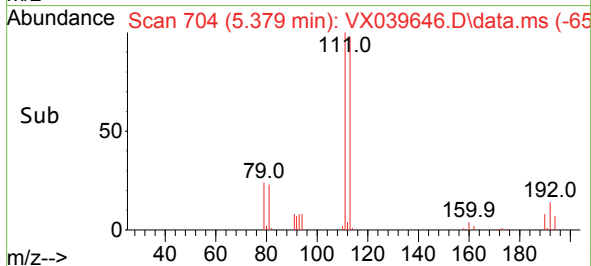
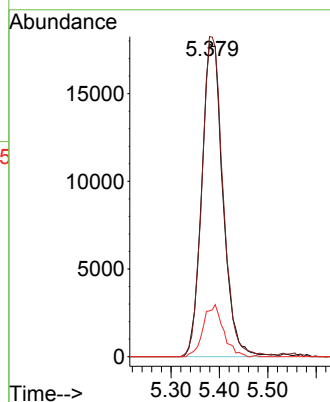
Tgt Ion:113 Resp: 54506

Ion Ratio Lower Upper

113 100

111 101.4 82.9 124.3

192 15.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.345 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039646.D

Acq: 05 Jan 2024 14:04

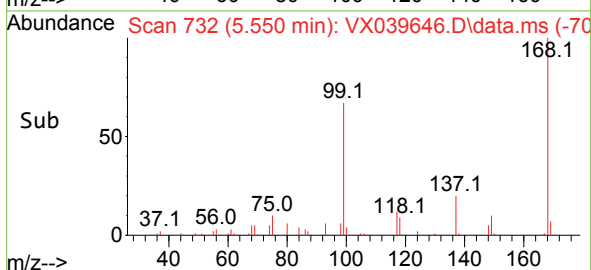
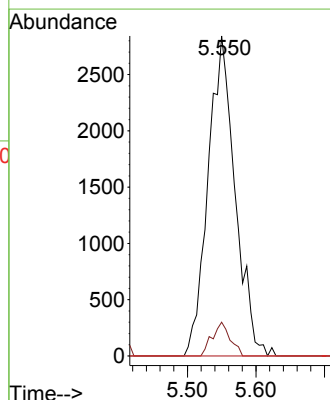
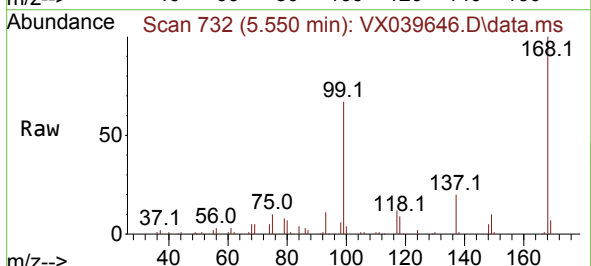
Tgt Ion: 75 Resp: 7823

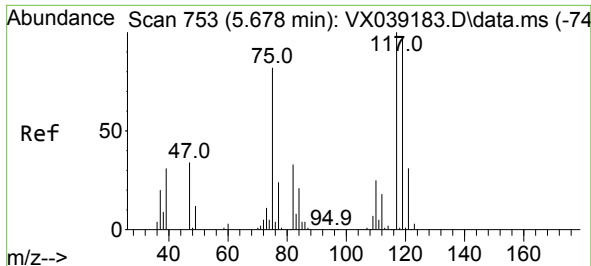
Ion Ratio Lower Upper

75 100

110 7.0 17.0 50.9#

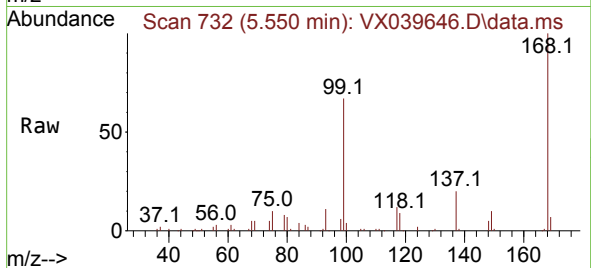
77 0.0 24.7 37.1#



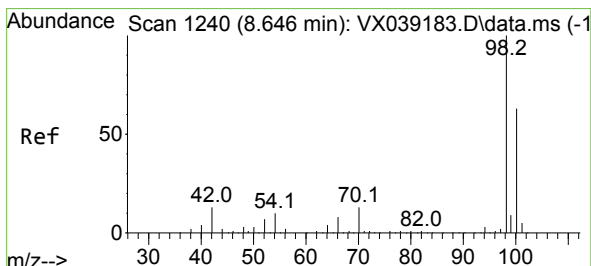
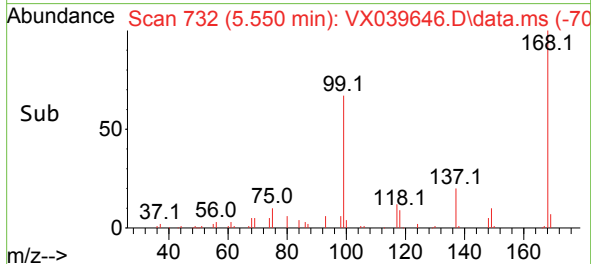
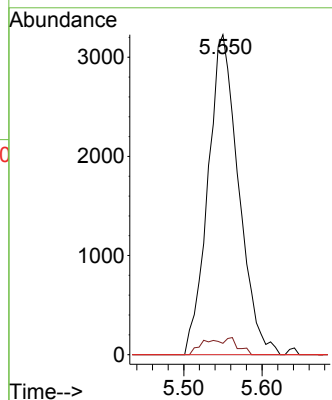


#38
Carbon Tetrachloride
Concen: 5.107 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

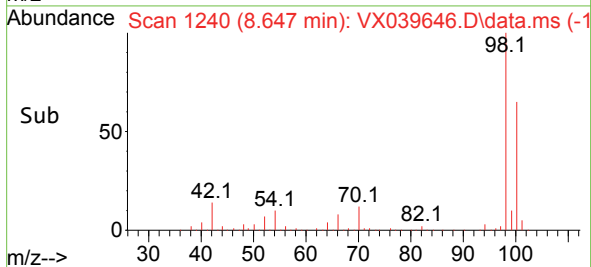
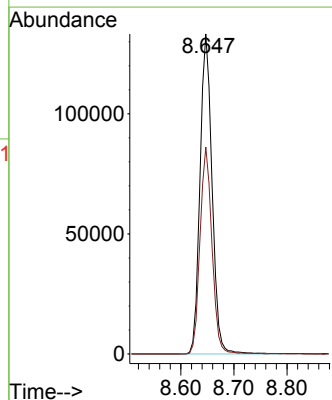
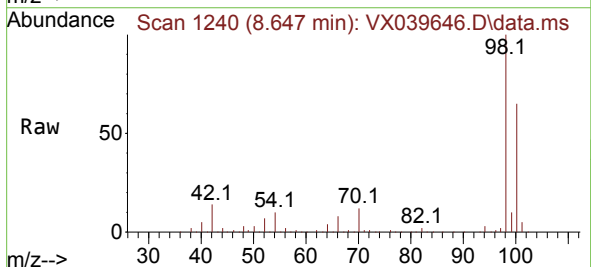


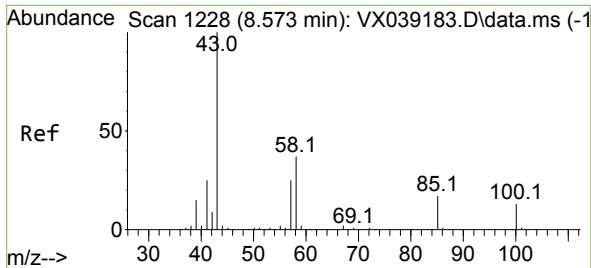
Tgt Ion:117 Resp: 8776
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.545 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

Tgt Ion: 98 Resp: 209888
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

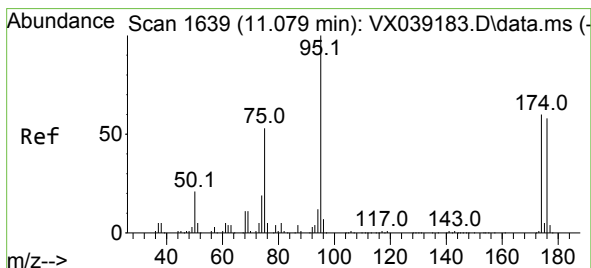
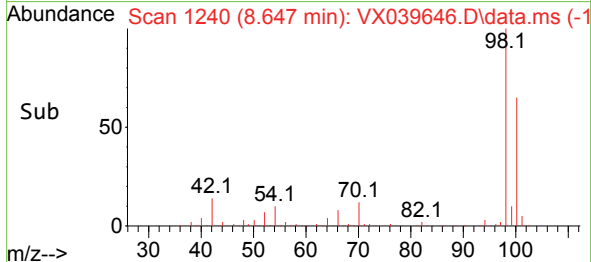
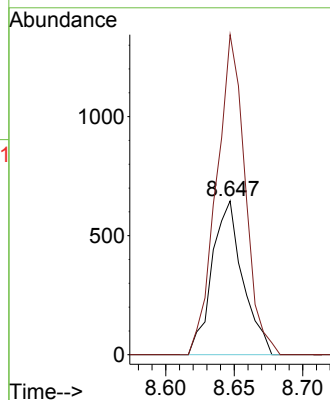
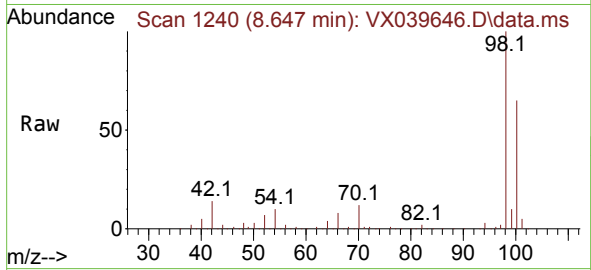




#51
4-Methyl-2-Pentanone
Concen: 0.437 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

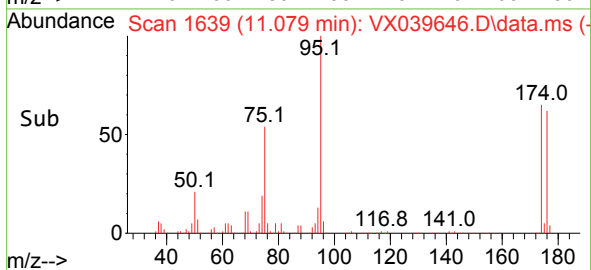
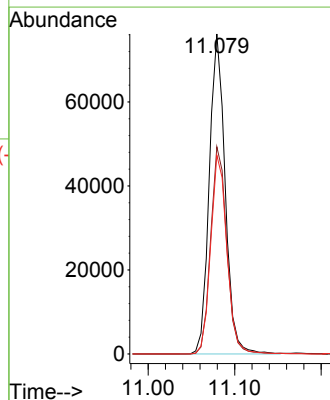
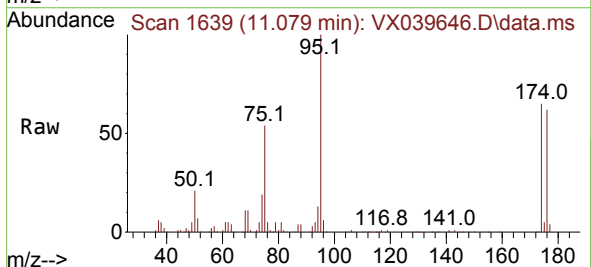
Instrument :
MSVOA_X
ClientSampleId :

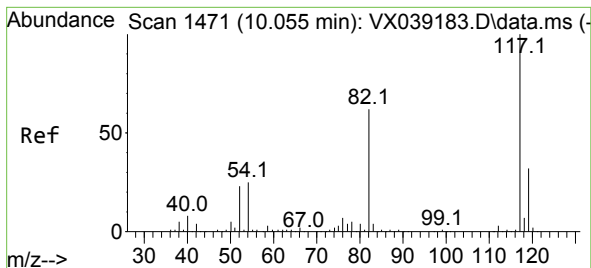
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 194.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 55.449 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

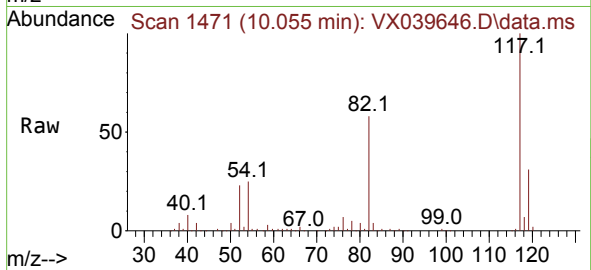
Tgt Ion: 95 Resp: 96918
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 63.8 0.0 131.0



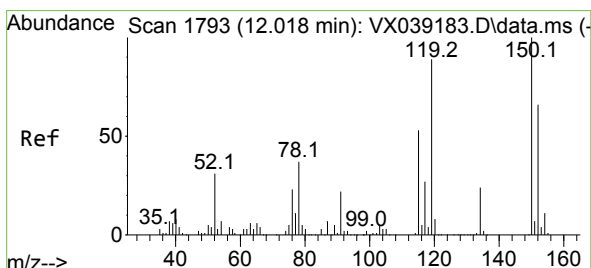
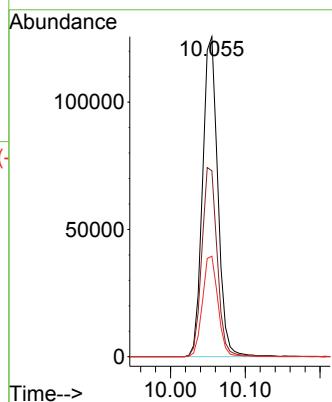
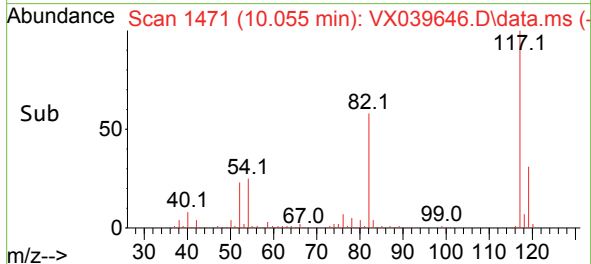


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

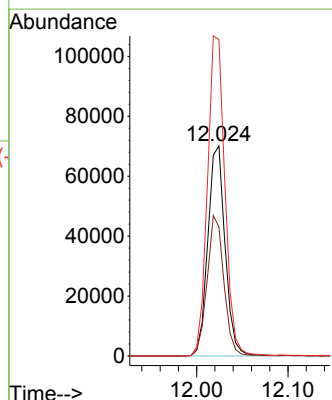
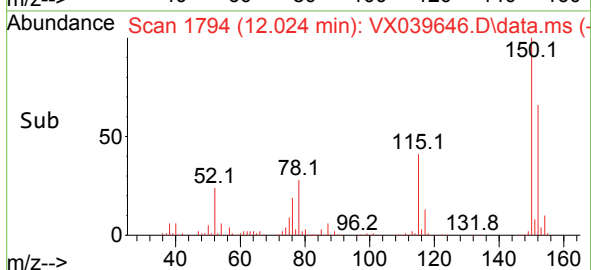
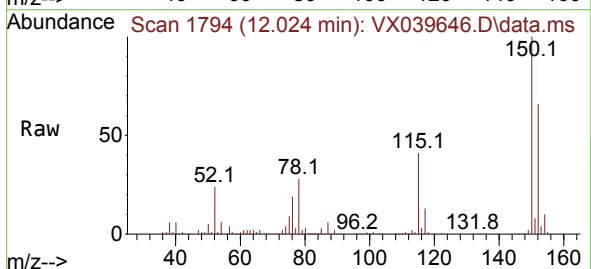


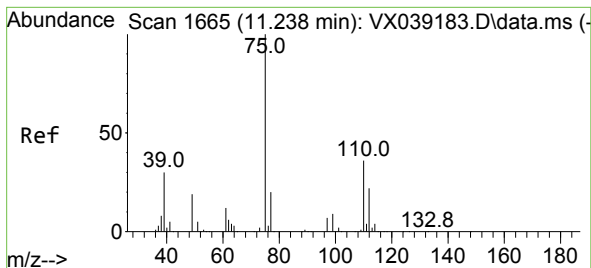
Tgt Ion:117 Resp: 178069
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039646.D
Acq: 05 Jan 2024 14:04

Tgt Ion:152 Resp: 91898
Ion Ratio Lower Upper
152 100
115 64.9 43.3 129.9
150 153.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.965 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039646.D

Acq: 05 Jan 2024 14:04

Instrument :

MSVOA_X

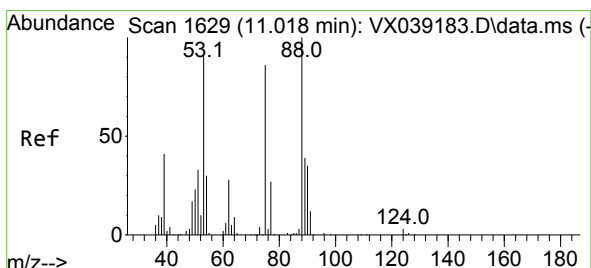
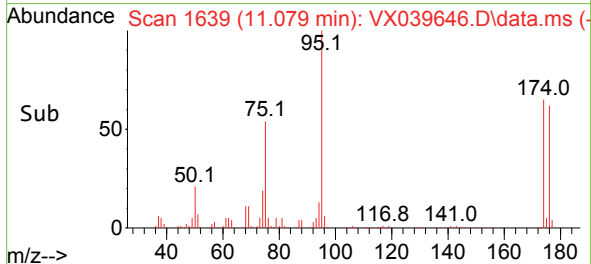
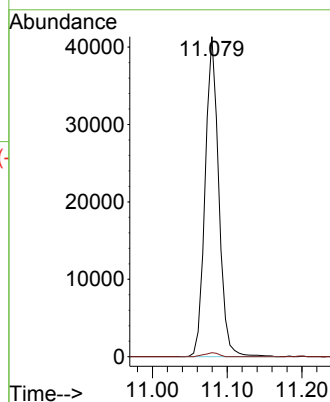
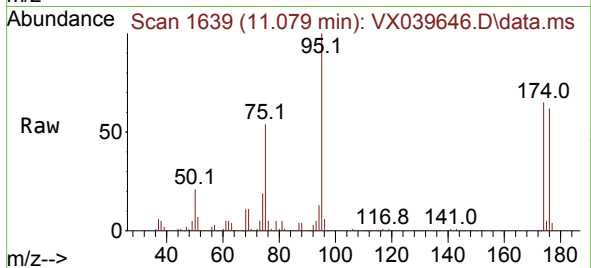
ClientSampleId :

Tgt Ion: 75 Resp: 52222

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.962 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039646.D

Acq: 05 Jan 2024 14:04

Tgt Ion: 75 Resp: 52222

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

