

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039645.D
 Acq On : 05 Jan 2024 13:41
 Operator : JC/MD
 Sample : P1041-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 22:22:08 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)

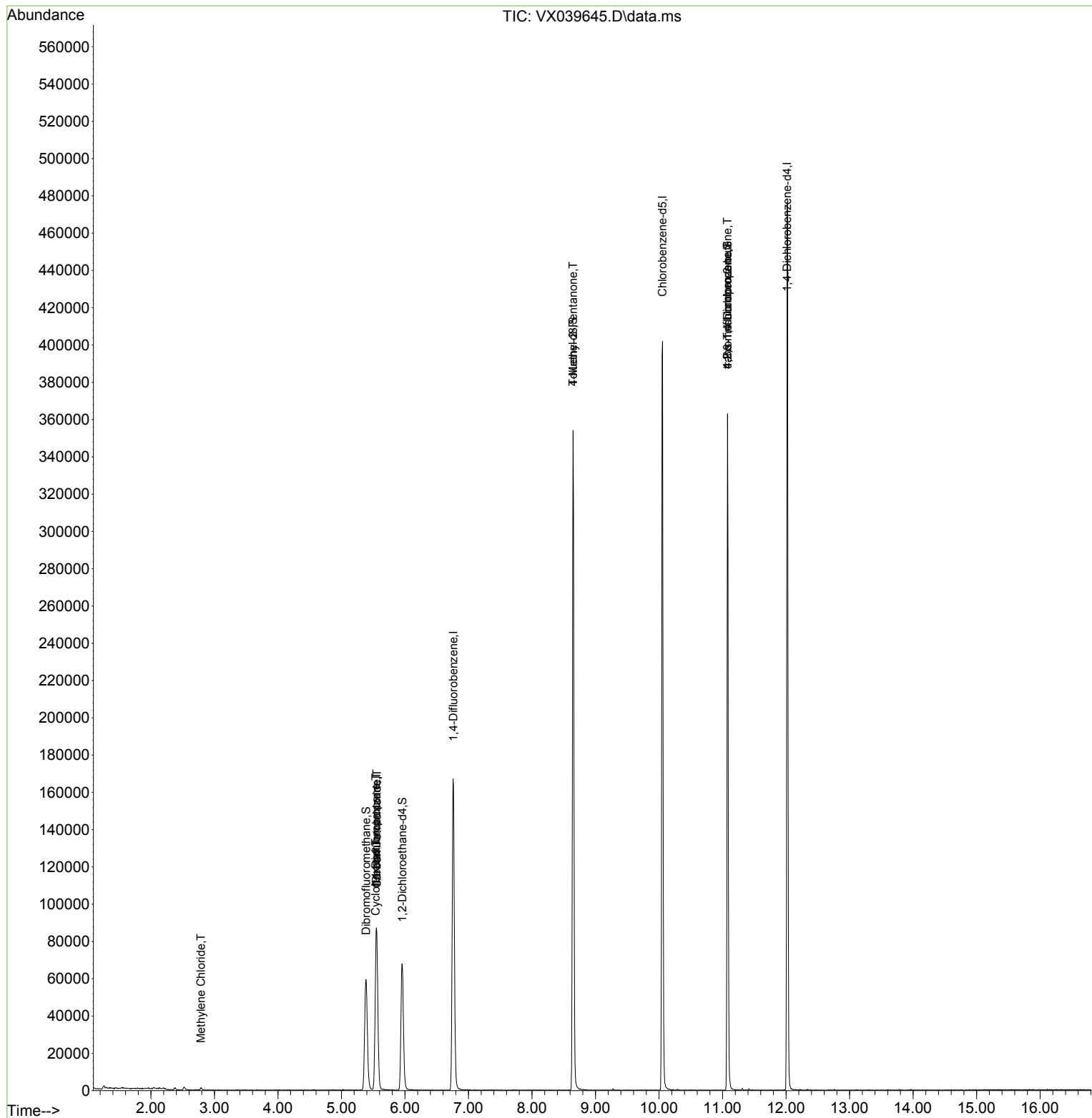
Internal Standards						
1) Pentafluorobenzene	5.550	168	77820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66940	46.955	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.920%
35) Dibromofluoromethane	5.385	113	53402	47.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	8.647	98	208383	49.447	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	95826	55.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.220%
Target Compounds						
16) Acetone	2.386	43	1086	Below Cal	Qvalue	99
20) Methylene Chloride	2.788	84	497	0.418	ug/l	88
31) Cyclohexane	5.537	56	2096	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7185	4.011	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8785	5.139	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1083	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52400	22.468	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52400	63.382	ug/l #	5

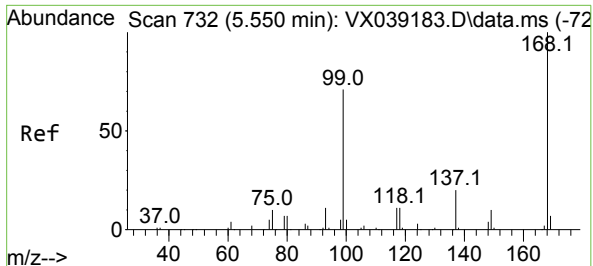
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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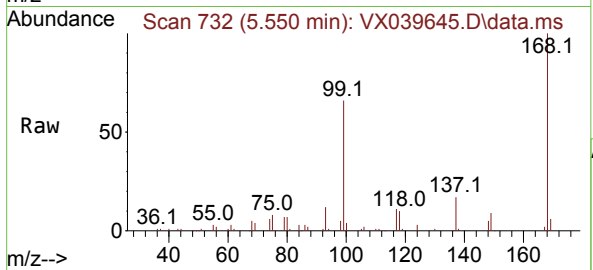
Quant Time: Jan 05 22:22:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



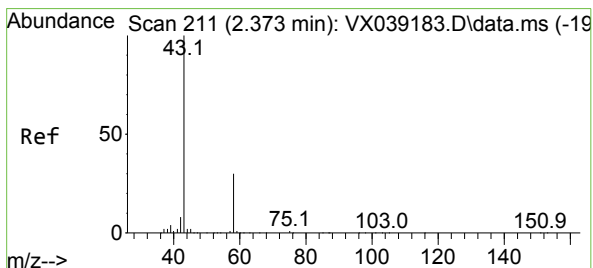
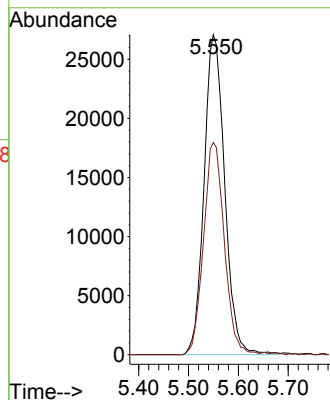
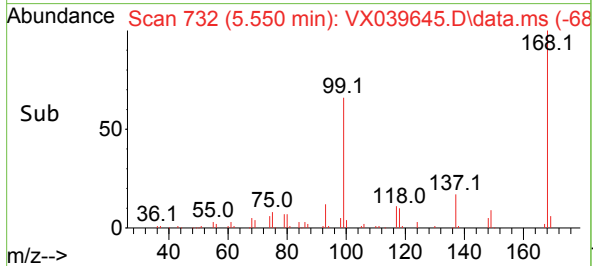


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039645.D
Acq: 05 Jan 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :

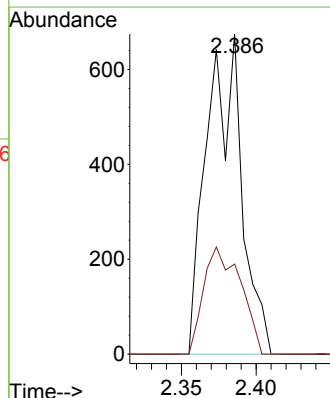
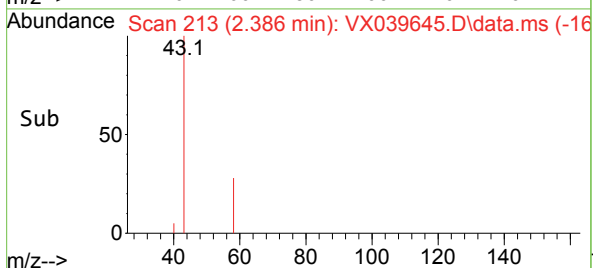
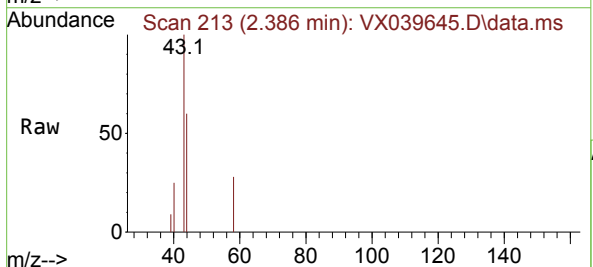


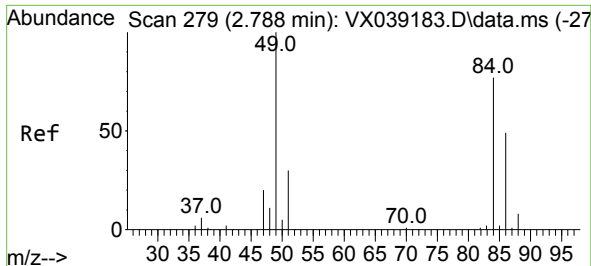
Tgt Ion:168 Resp: 77820
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039645.D
Acq: 05 Jan 2024 13:41

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 28.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.418 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

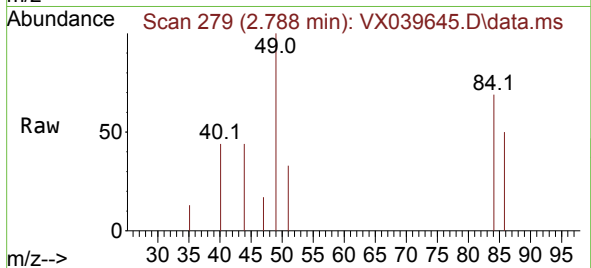
Lab File: VX039645.D

Acq: 05 Jan 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 497

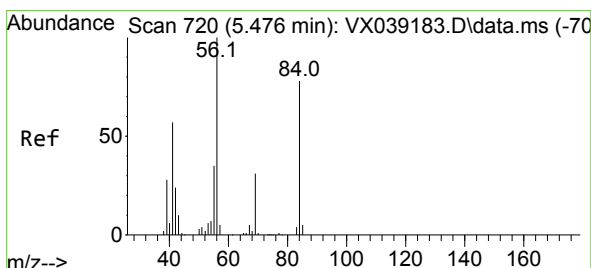
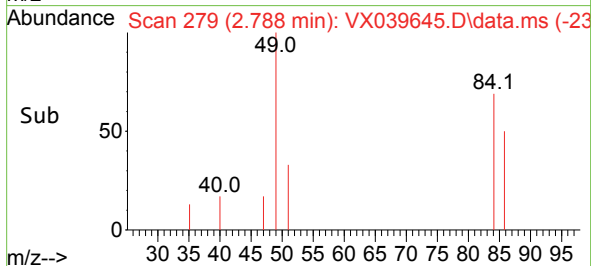
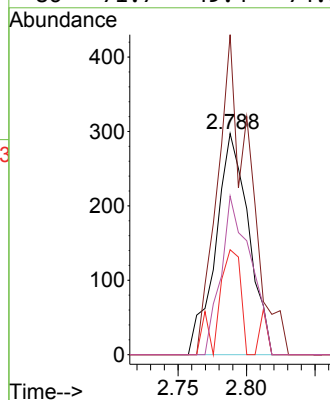
Ion Ratio Lower Upper

84 100

49 144.8 103.6 155.4

51 47.5 33.8 50.6

86 71.7 49.4 74.0



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.061 min

Lab File: VX039645.D

Acq: 05 Jan 2024 13:41

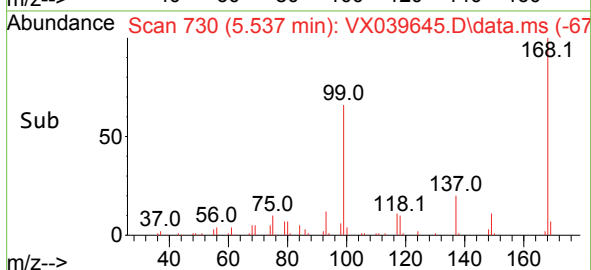
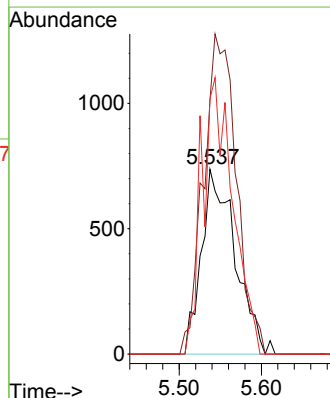
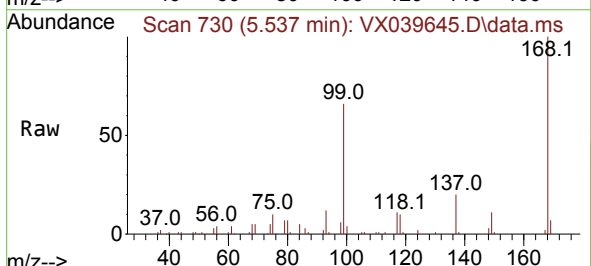
Tgt Ion: 56 Resp: 2096

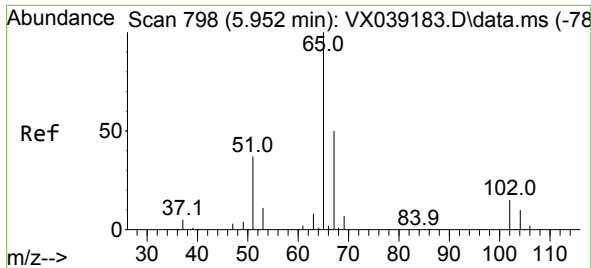
Ion Ratio Lower Upper

56 100

69 137.3 23.4 35.2#

84 138.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.955 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039645.D

Acq: 05 Jan 2024 13:41

Instrument :

MSVOA_X

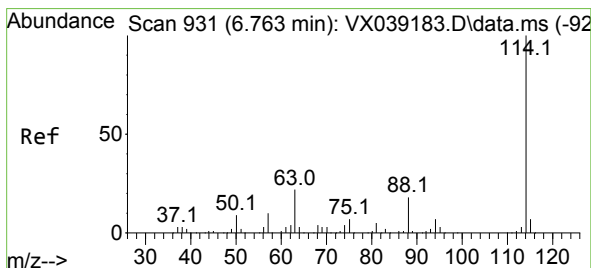
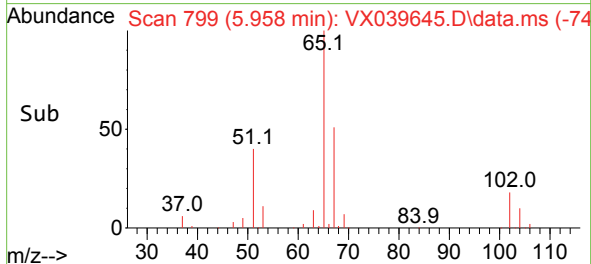
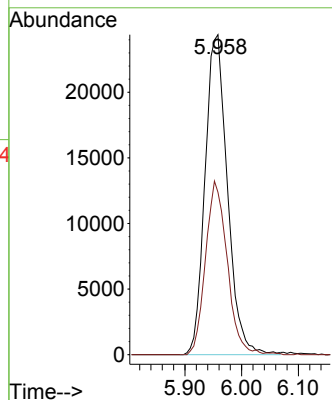
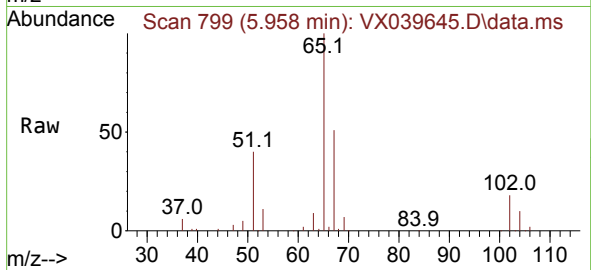
ClientSampleId :

Tgt Ion: 65 Resp: 66940

Ion Ratio Lower Upper

65 100

67 52.5 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: VX039645.D

Acq: 05 Jan 2024 13:41

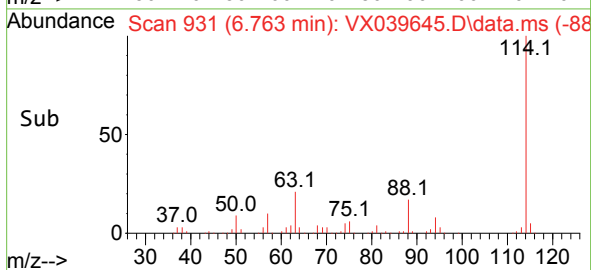
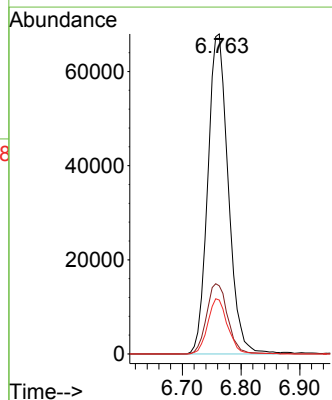
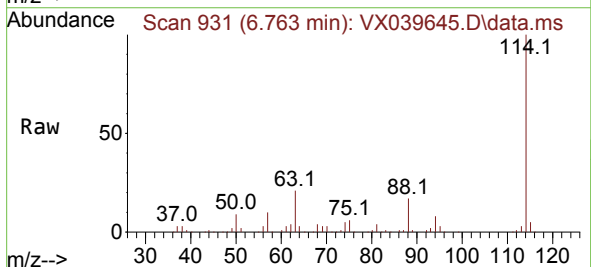
Tgt Ion: 114 Resp: 164312

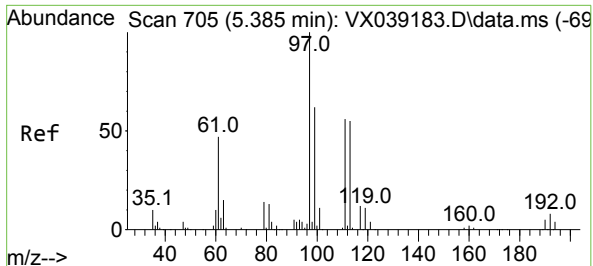
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.044 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

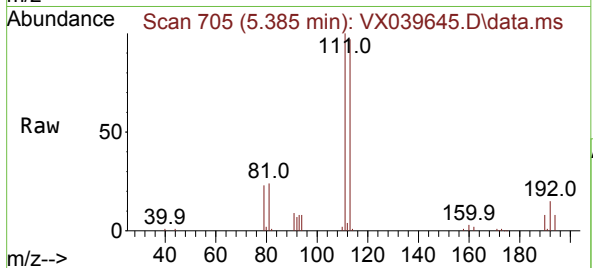
Lab File: VX039645.D

Acq: 05 Jan 2024 13:41

Instrument :

MSVOA_X

ClientSampleId :



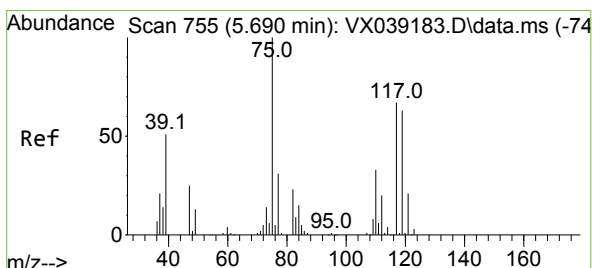
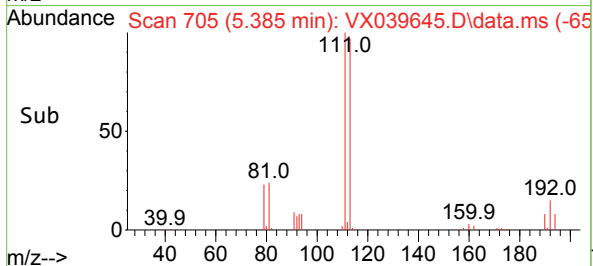
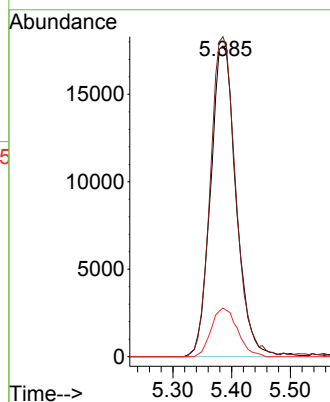
Tgt Ion:113 Resp: 53402

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 16.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.011 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX039645.D

Acq: 05 Jan 2024 13:41

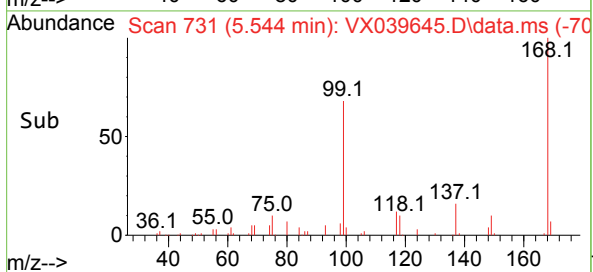
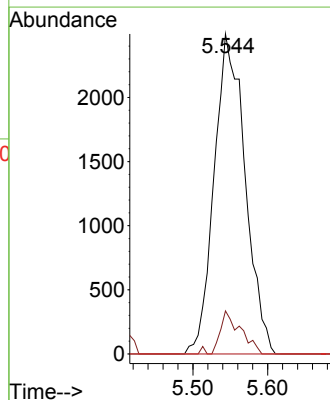
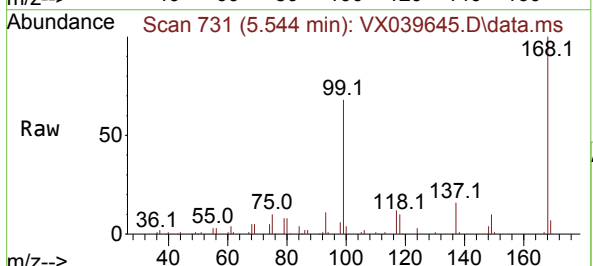
Tgt Ion: 75 Resp: 7185

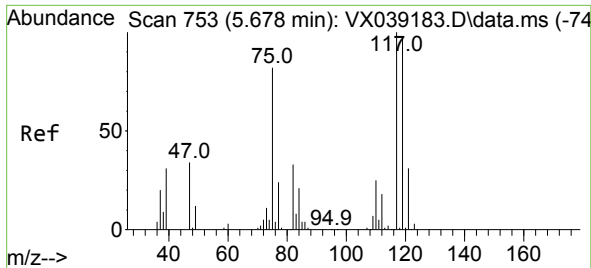
Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

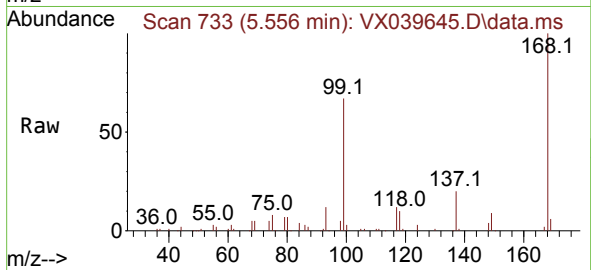
77 0.0 24.7 37.1#



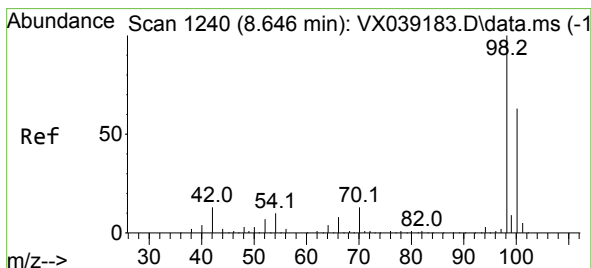
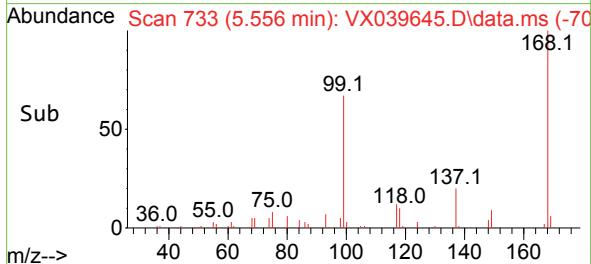
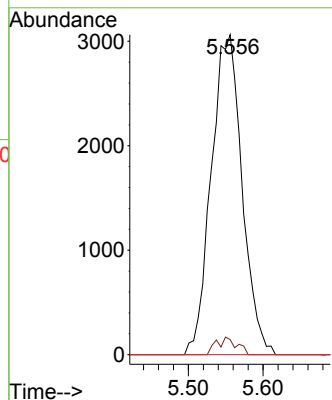


#38
Carbon Tetrachloride
Concen: 5.139 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX039645.D
Acq: 05 Jan 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :

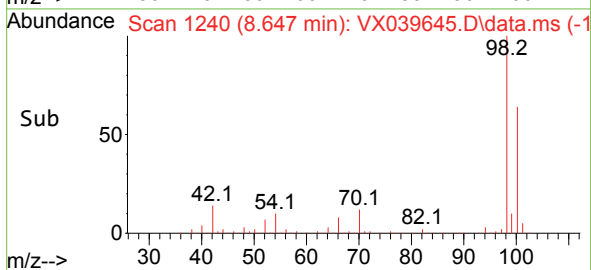
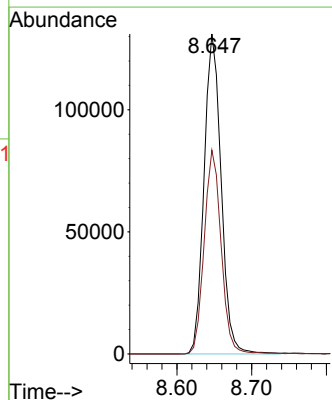
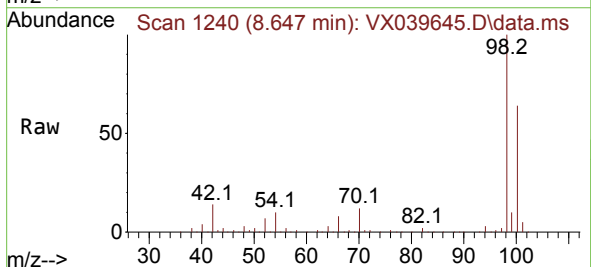


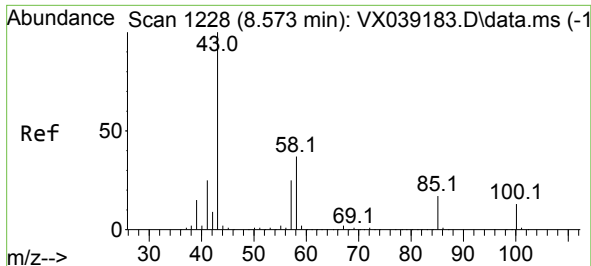
Tgt Ion:117 Resp: 8785
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039645.D
Acq: 05 Jan 2024 13:41

Tgt Ion: 98 Resp: 208383
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

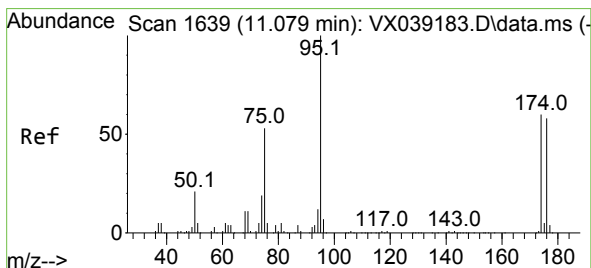
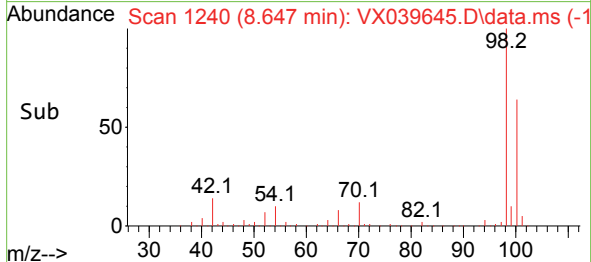
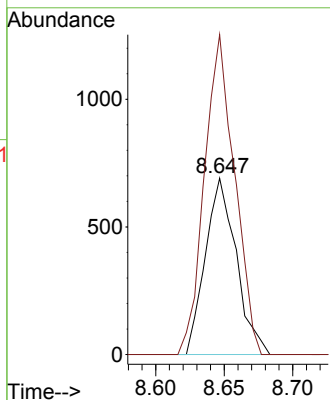
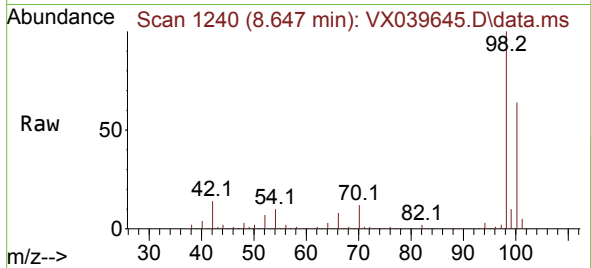




#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039645.D
Acq: 05 Jan 2024 13:41

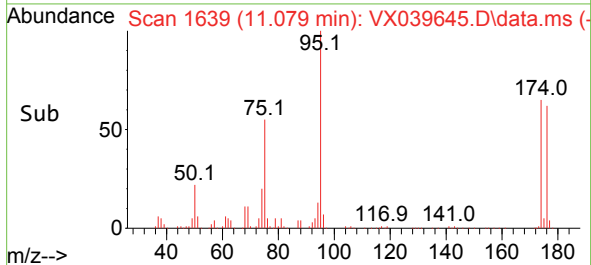
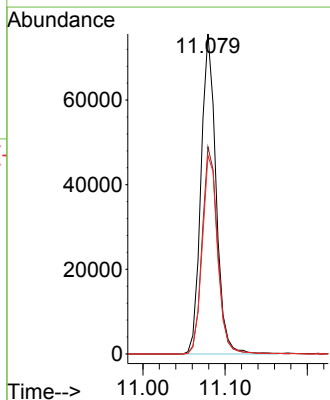
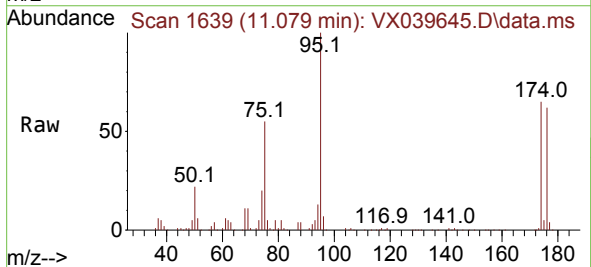
Instrument :
MSVOA_X
ClientSampleId :

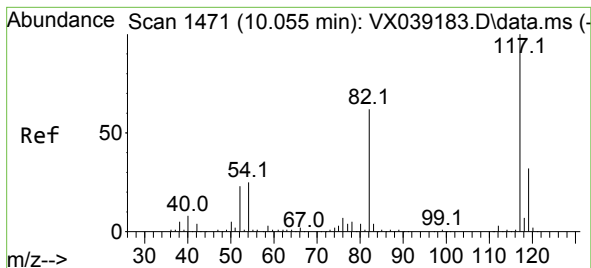
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 177.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 55.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039645.D
Acq: 05 Jan 2024 13:41

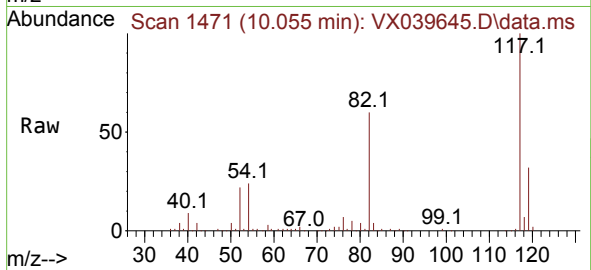
Tgt Ion: 95 Resp: 95826
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.6
176 63.9 0.0 131.0



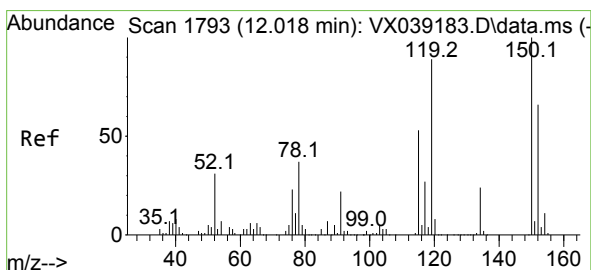
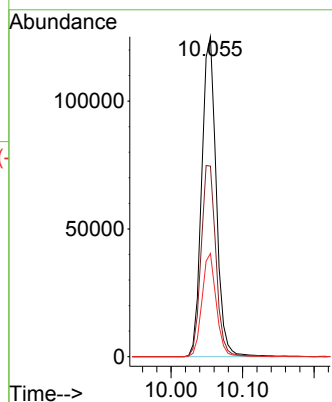
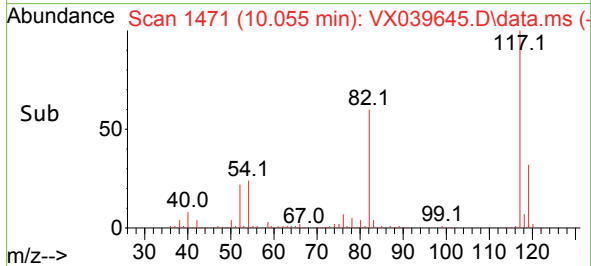


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039645.D
Acq: 05 Jan 2024 13:41

Instrument :
MSVOA_X
ClientSampleId :

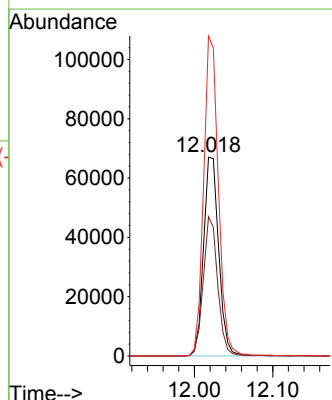
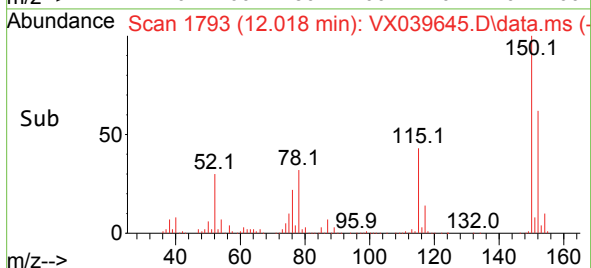
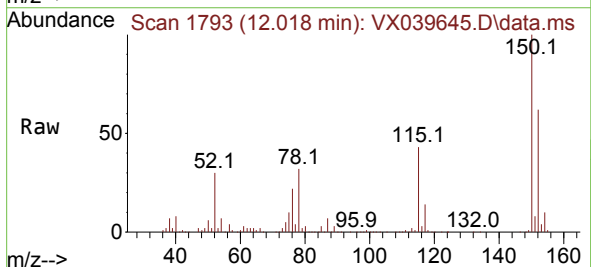


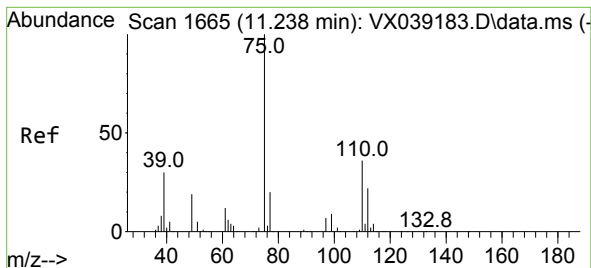
Tgt Ion:117 Resp: 176783
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039645.D
Acq: 05 Jan 2024 13:41

Tgt Ion:152 Resp: 90145
Ion Ratio Lower Upper
152 100
115 66.3 43.3 129.9
150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.468 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039645.D

Acq: 05 Jan 2024 13:41

Instrument :

MSVOA_X

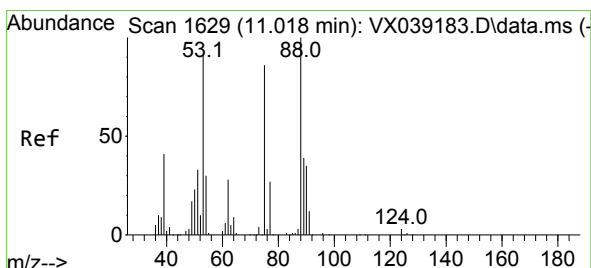
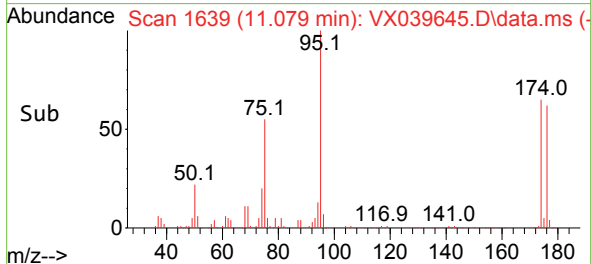
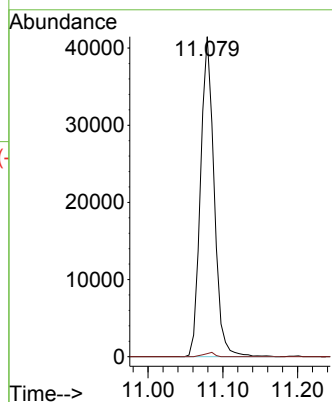
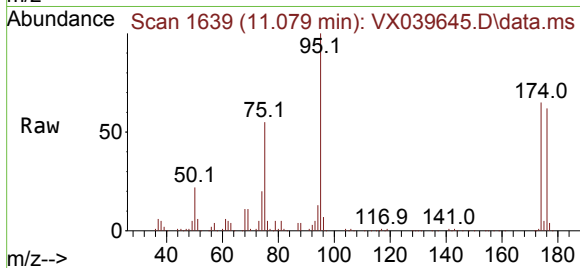
ClientSampleId :

Tgt Ion: 75 Resp: 52400

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.382 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039645.D

Acq: 05 Jan 2024 13:41

Tgt Ion: 75 Resp: 52400

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

