

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039203.D
 Acq On : 14 Dec 2023 12:53
 Operator : JC/MD
 Sample : 05719-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 02:59:32 2023
 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)

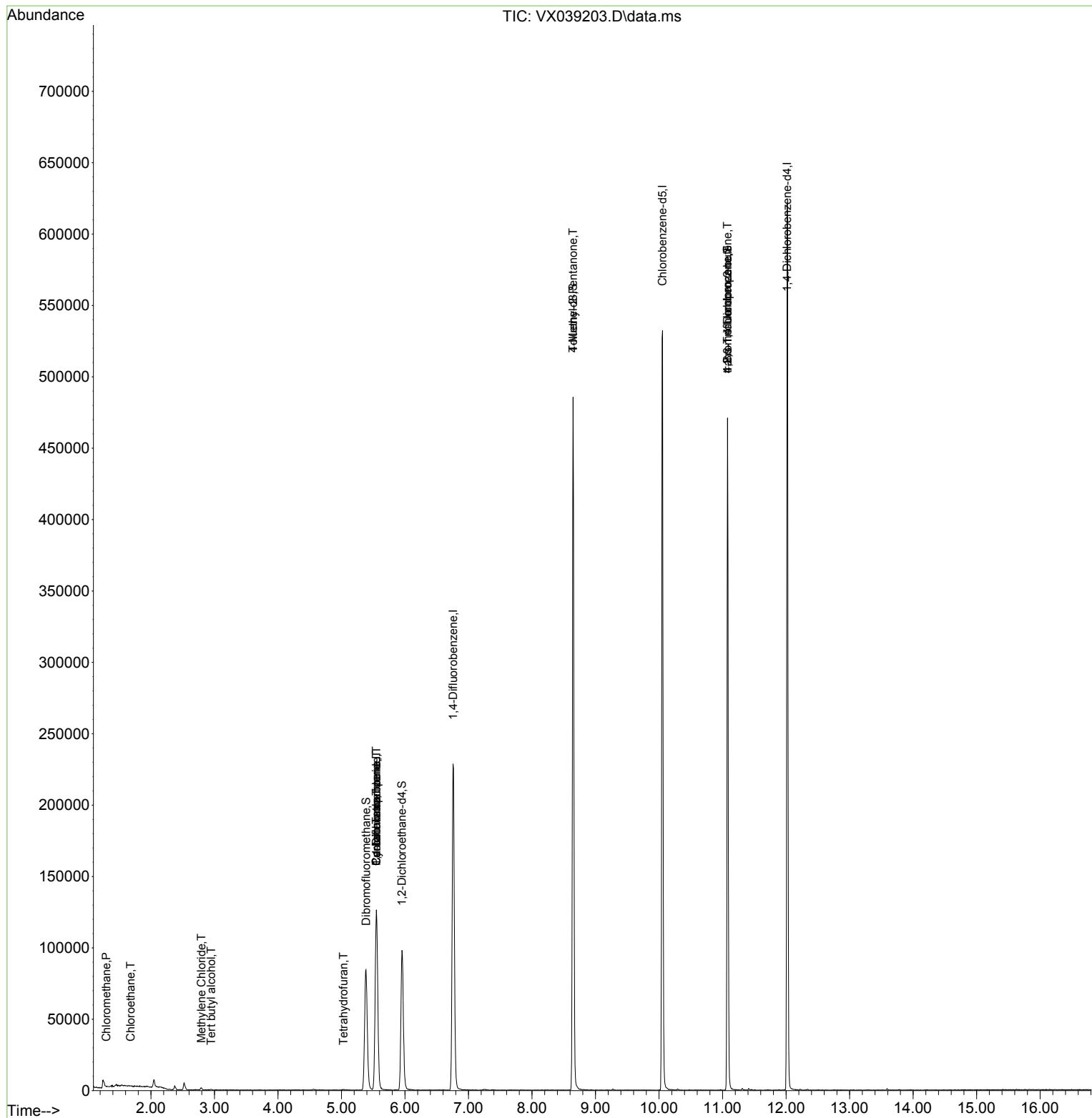
Internal Standards						
1) Pentafluorobenzene	5.550	168	108942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97961	49.085	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.180%
35) Dibromofluoromethane	5.385	113	73455	47.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.647	98	279583	48.579	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	127576	53.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	362	0.213	ug/l #	43
6) Chloroethane	1.679	64	321	0.337	ug/l #	43
11) Tert butyl alcohol	2.947	59	316	0.631	ug/l #	78
16) Acetone	2.374	43	2588	Below Cal	#	65
20) Methylene Chloride	2.794	84	710	0.427	ug/l	94
29) Tetrahydrofuran	5.032	42	331	0.348	ug/l #	34
31) Cyclohexane	5.550	56	3237	1.256	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	10811	4.419	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12426	5.323	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1420	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	70659	23.519	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	70659	66.347	ug/l #	5

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

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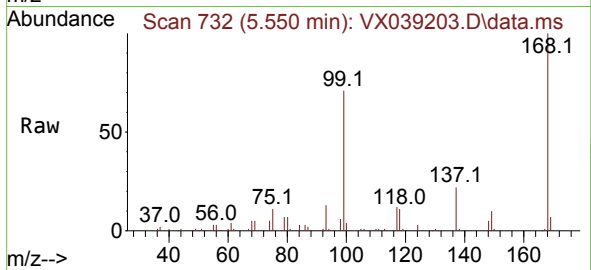
Quant Time: Dec 15 02:59:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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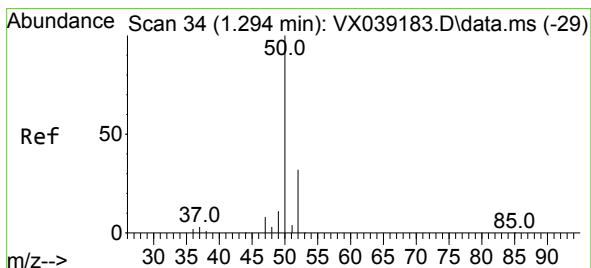
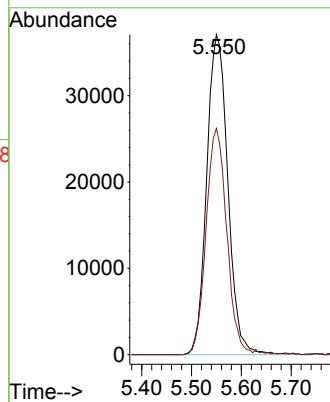
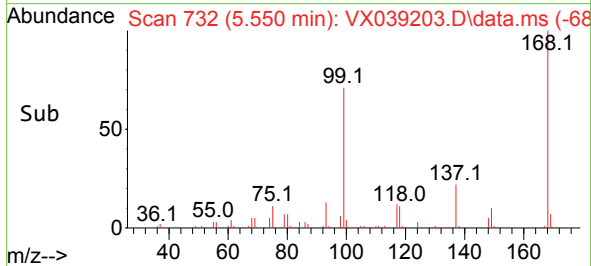


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Instrument :
MSVOA_X
ClientSampleId :

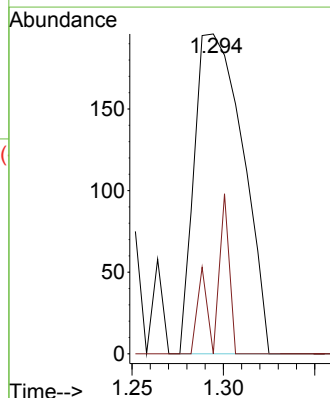
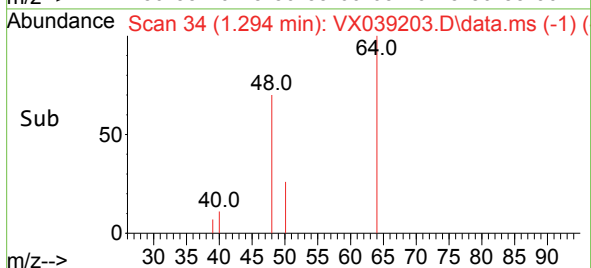
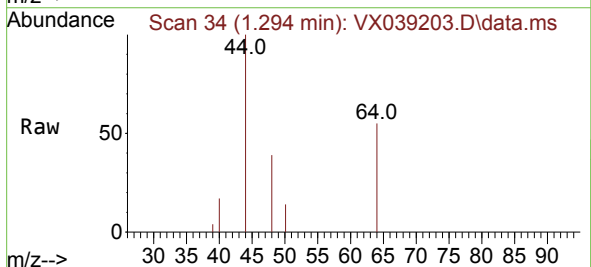


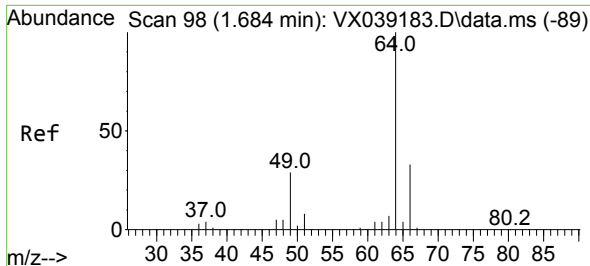
Tgt Ion:168 Resp: 108942
Ion Ratio Lower Upper
168 100
99 70.6 56.6 85.0



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

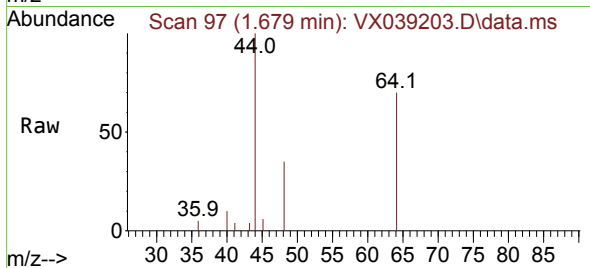
Tgt Ion: 50 Resp: 362
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



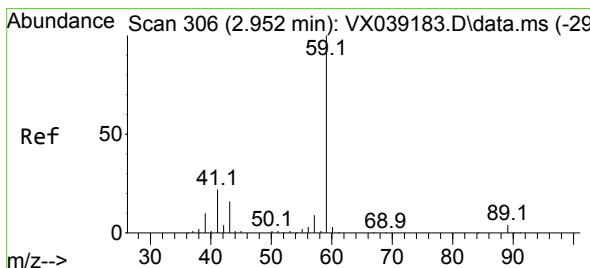
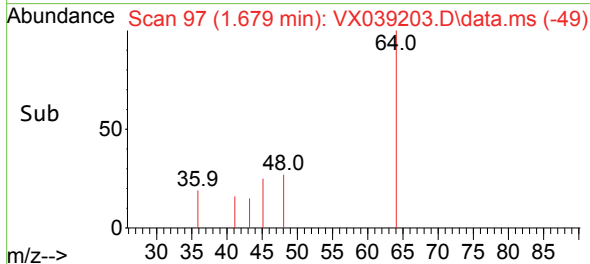
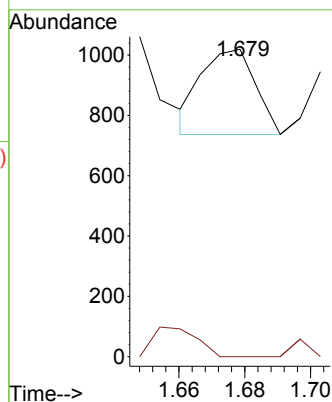


#6
 Chloroethane
 Concen: 0.337 ug/l
 RT: 1.679 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX039203.D
 Acq: 14 Dec 2023 12:53

Instrument :
 MSVOA_X
 ClientSampleId :

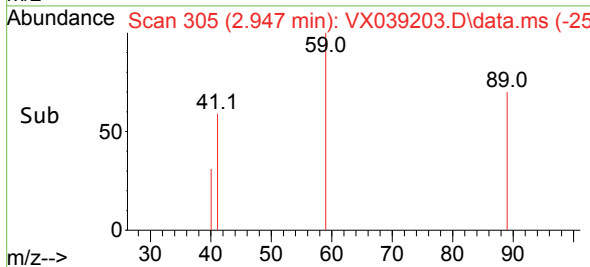
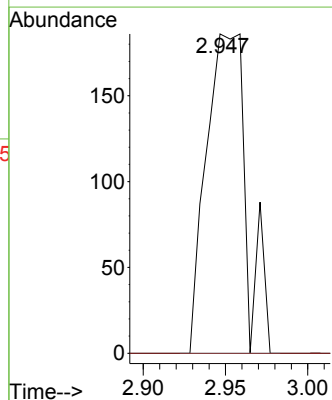
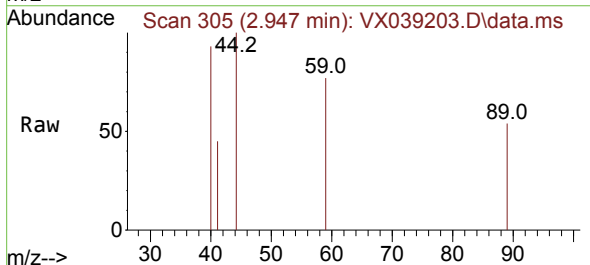


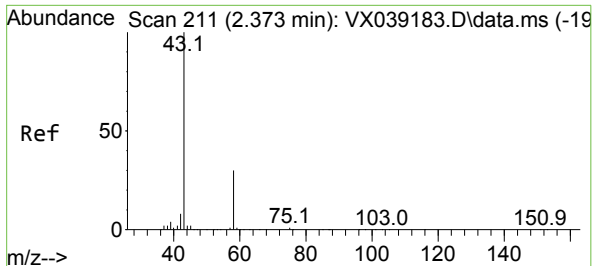
Tgt Ion: 64 Resp: 321
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#



#11
 Tert butyl alcohol
 Concen: 0.631 ug/l
 RT: 2.947 min Scan# 305
 Delta R.T. -0.006 min
 Lab File: VX039203.D
 Acq: 14 Dec 2023 12:53

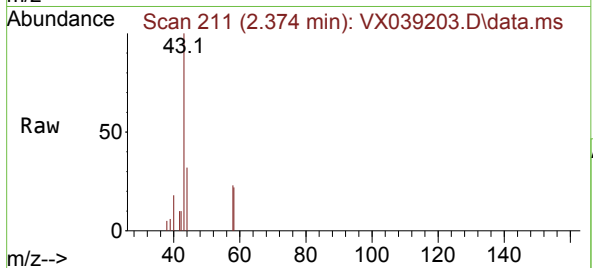
Tgt Ion: 59 Resp: 316
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#



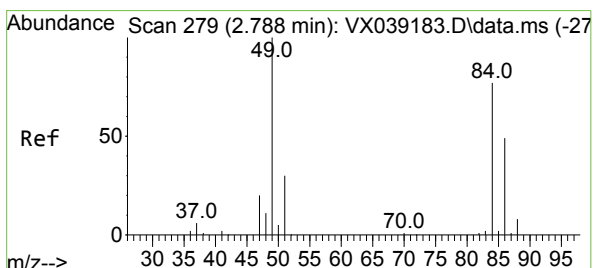
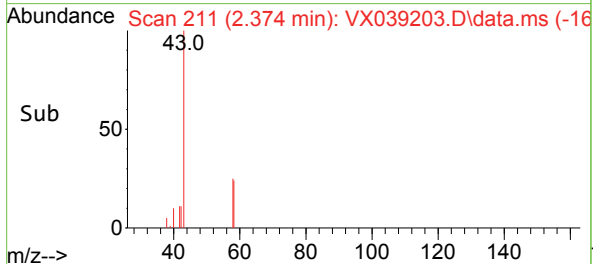
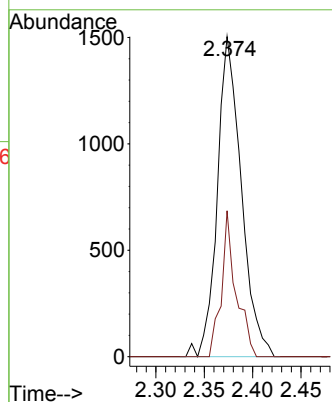


#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Instrument :
MSVOA_X
ClientSampleId :

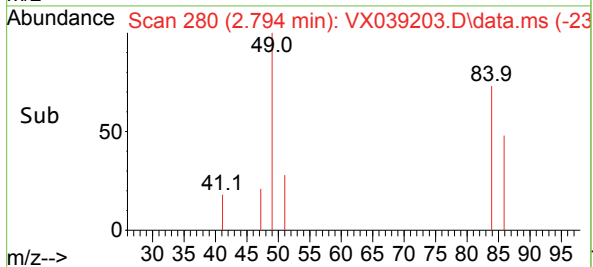
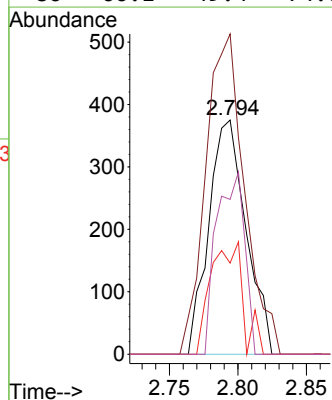
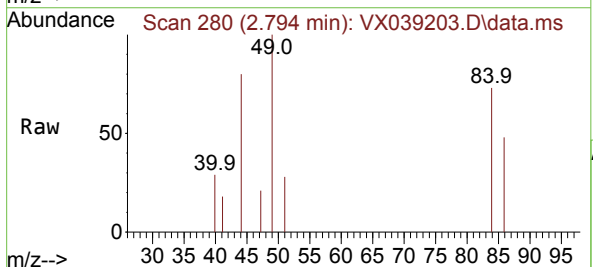


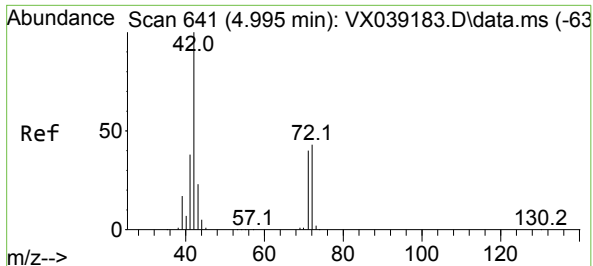
Tgt Ion: 43 Resp: 2588
Ion Ratio Lower Upper
43 100
58 45.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Tgt Ion: 84 Resp: 710
Ion Ratio Lower Upper
84 100
49 136.8 103.6 155.4
51 38.9 33.8 50.6
86 66.1 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.348 ug/l

RT: 5.032 min Scan# 641

Delta R.T. 0.037 min

Lab File: VX039203.D

Acq: 14 Dec 2023 12:53

Instrument :

MSVOA_X

ClientSampleId :

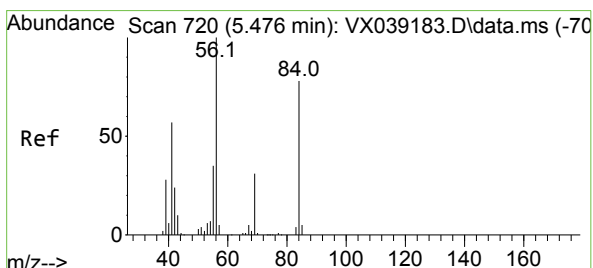
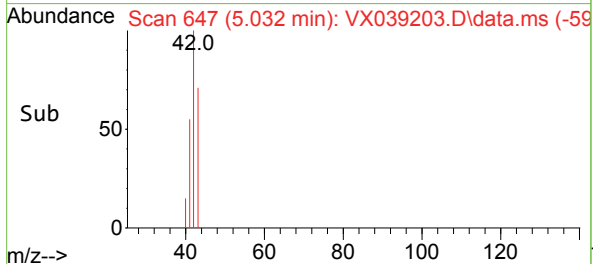
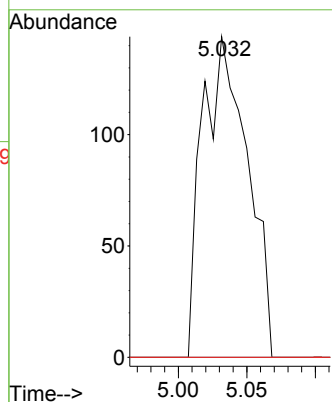
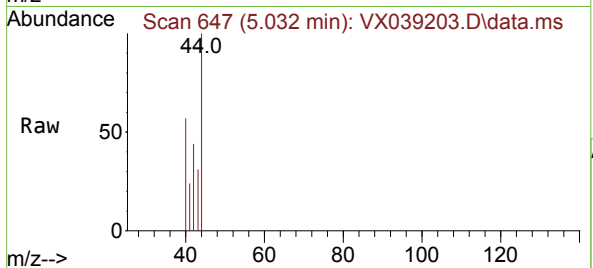
Tgt Ion: 42 Resp: 331

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX039203.D

Acq: 14 Dec 2023 12:53

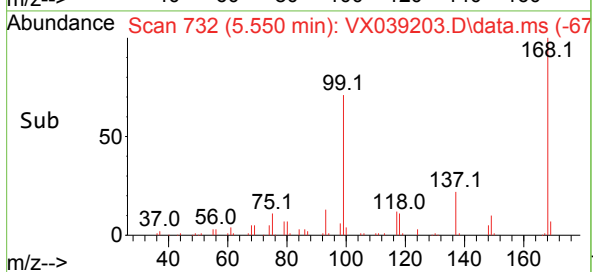
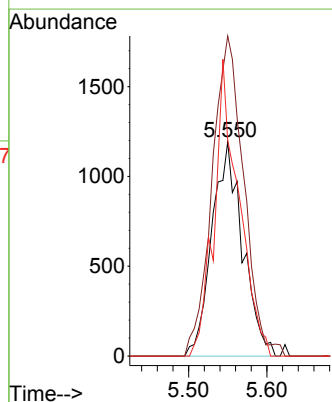
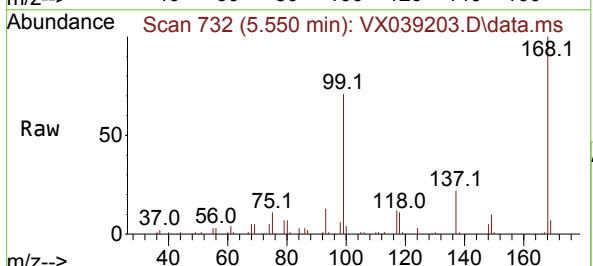
Tgt Ion: 56 Resp: 3237

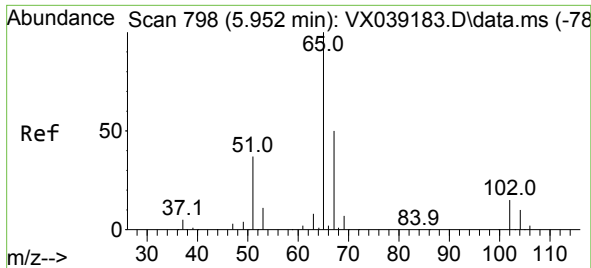
Ion Ratio Lower Upper

56 100

69 149.4 23.4 35.2#

84 100.6 65.9 98.9#

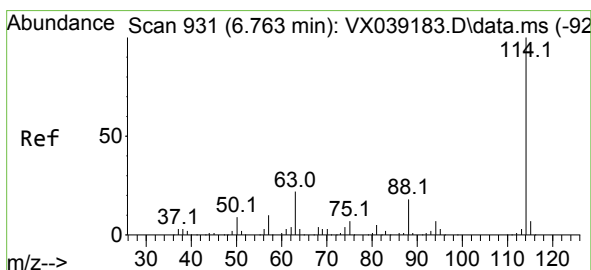
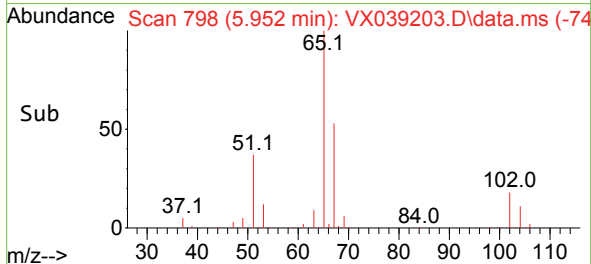
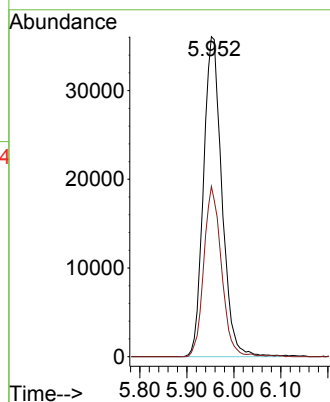
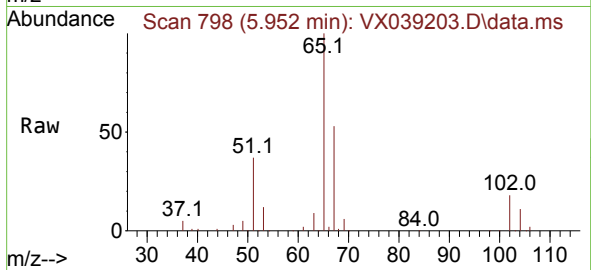




#33
 1,2-Dichloroethane-d4
 Concen: 49.085 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039203.D
 Acq: 14 Dec 2023 12:53

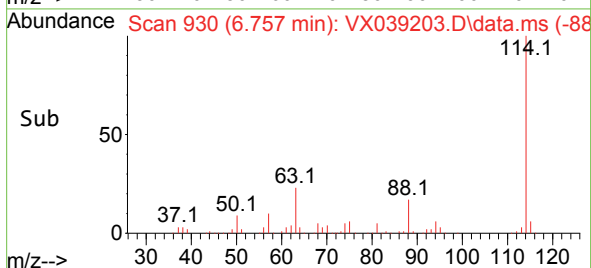
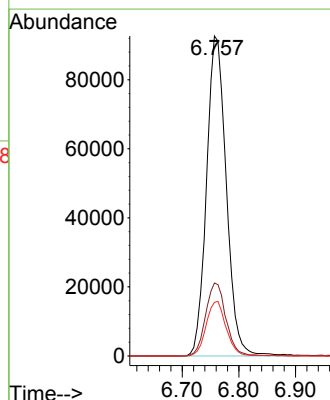
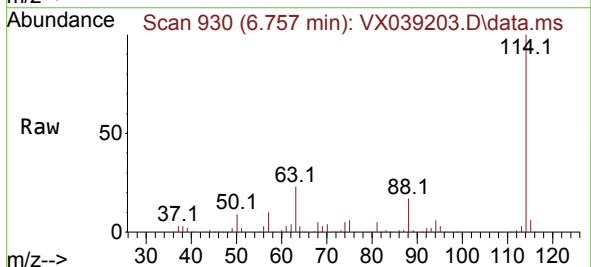
Instrument :
 MSVOA_X
 ClientSampleId :

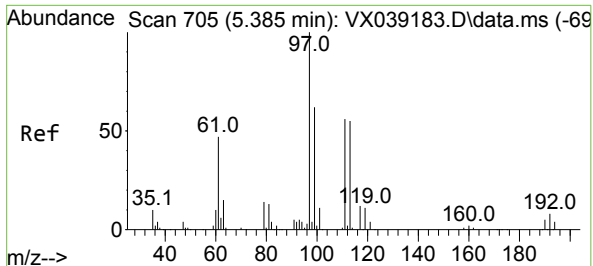
Tgt Ion: 65 Resp: 97961
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039203.D
 Acq: 14 Dec 2023 12:53

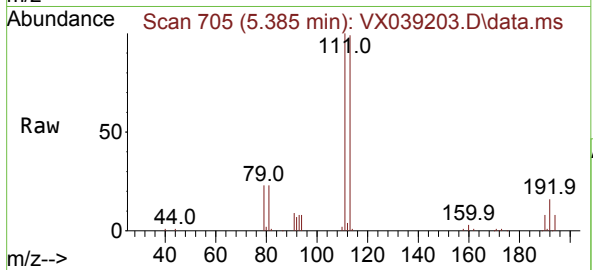
Tgt Ion: 114 Resp: 224395
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.7 0.0 36.6



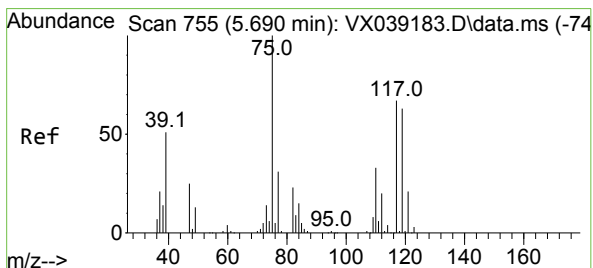
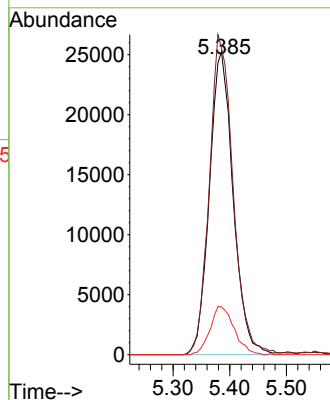
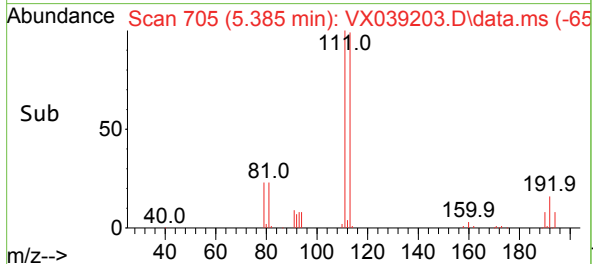


#35
Dibromofluoromethane
Concen: 47.383 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Instrument :
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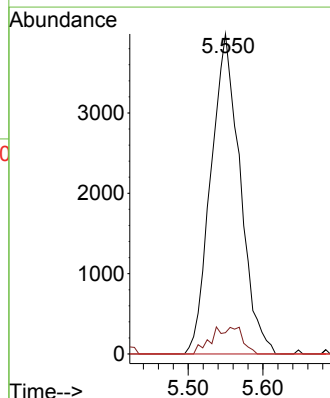
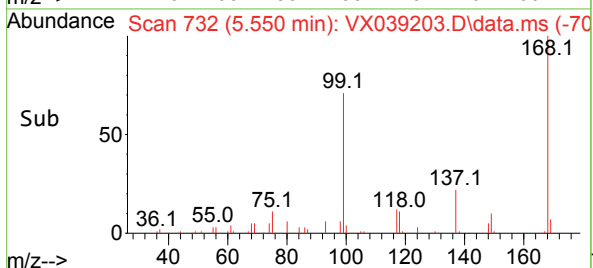
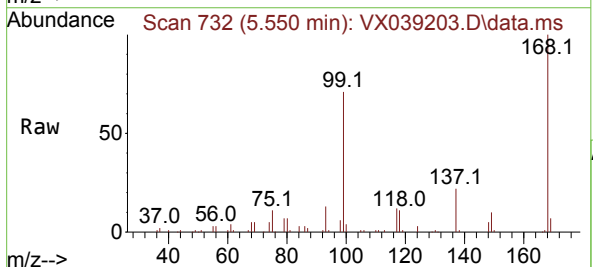


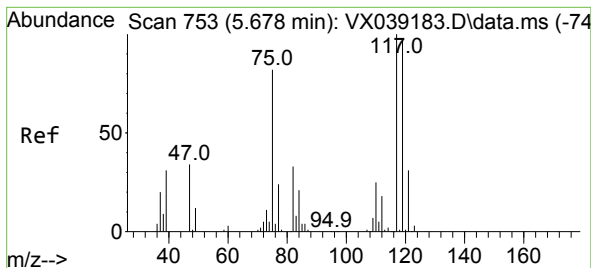
Tgt Ion:113 Resp: 73455
Ion Ratio Lower Upper
113 100
111 105.9 82.9 124.3
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Tgt Ion: 75 Resp: 10811
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.323 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

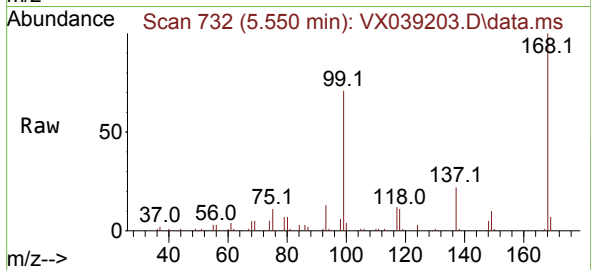
Lab File: VX039203.D

Acq: 14 Dec 2023 12:53

Instrument :

MSVOA_X

ClientSampleId :



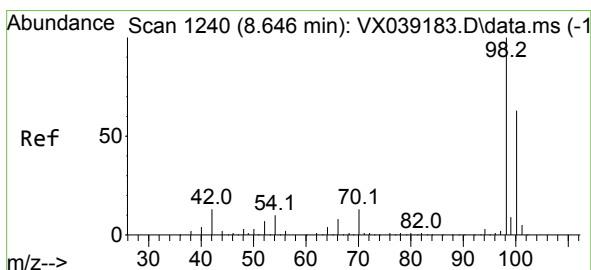
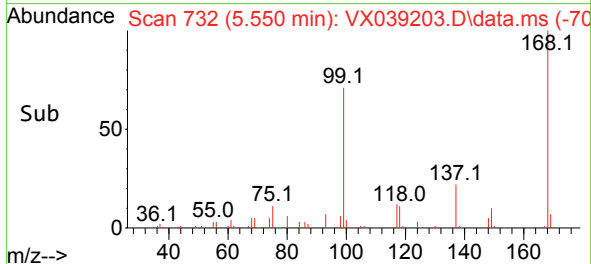
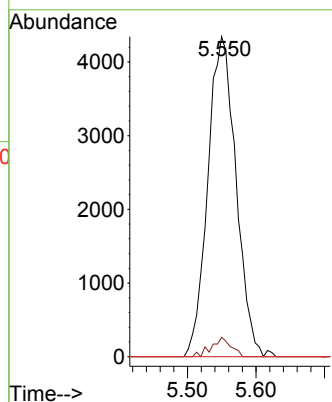
Tgt Ion:117 Resp: 12426

Ion Ratio Lower Upper

117 100

119 6.1 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.579 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039203.D

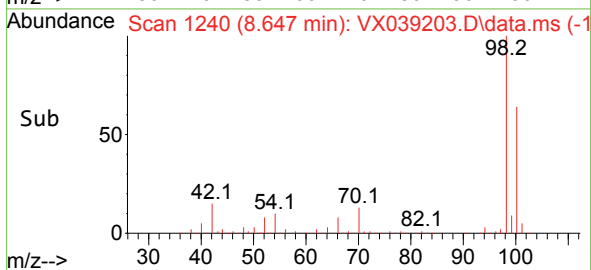
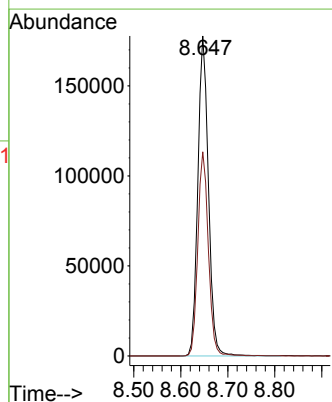
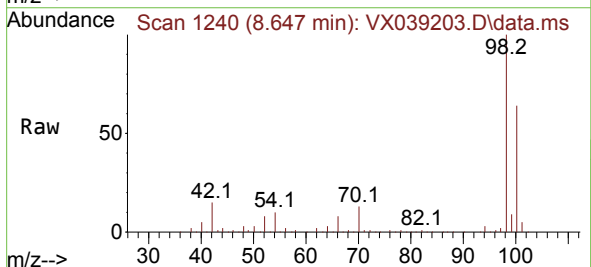
Acq: 14 Dec 2023 12:53

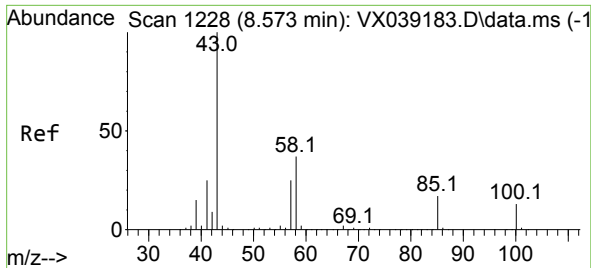
Tgt Ion: 98 Resp: 279583

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7

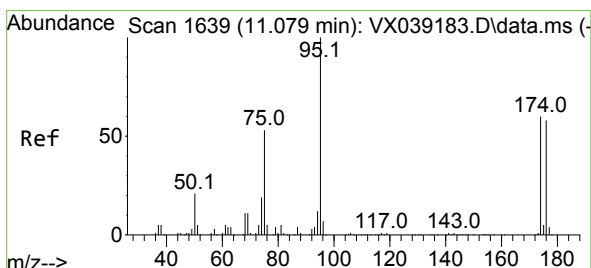
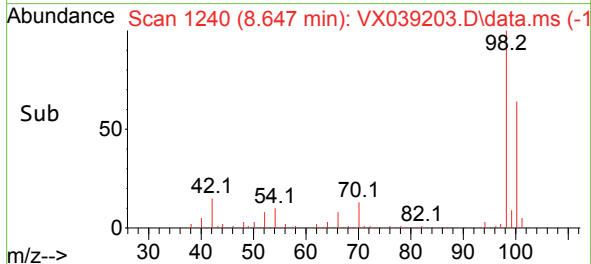
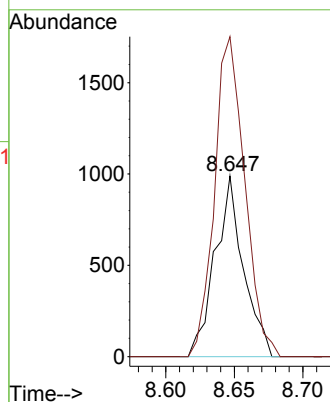
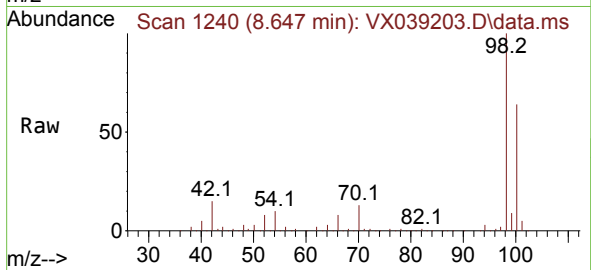




#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

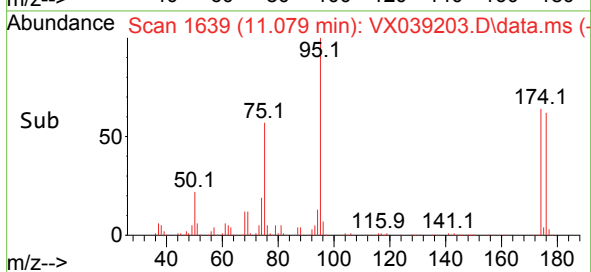
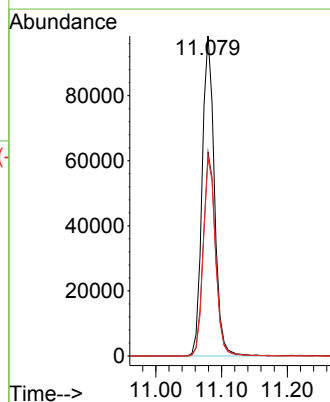
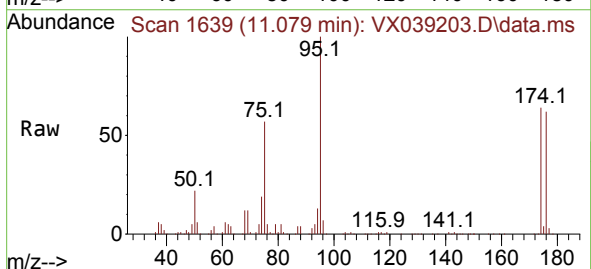
Instrument :
MSVOA_X
ClientSampleId :

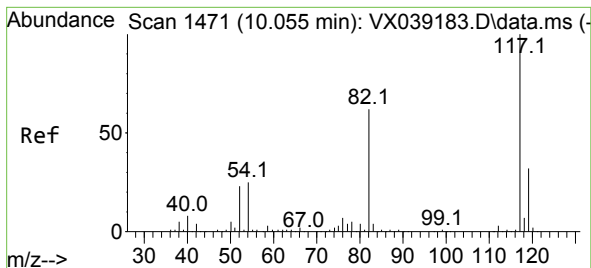
Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
58 189.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 53.725 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

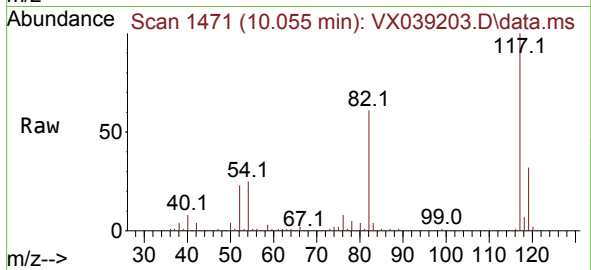
Tgt Ion: 95 Resp: 127576
Ion Ratio Lower Upper
95 100
174 63.6 0.0 135.6
176 61.5 0.0 131.0



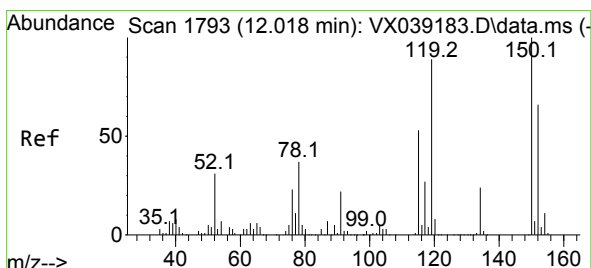
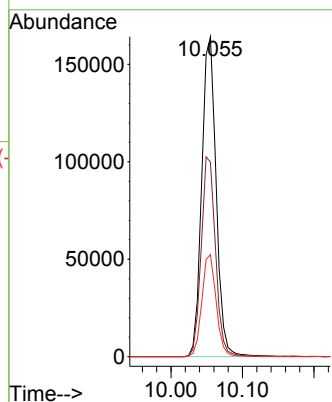
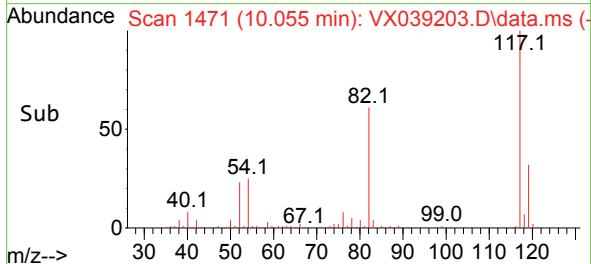


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Instrument :
MSVOA_X
ClientSampleId :

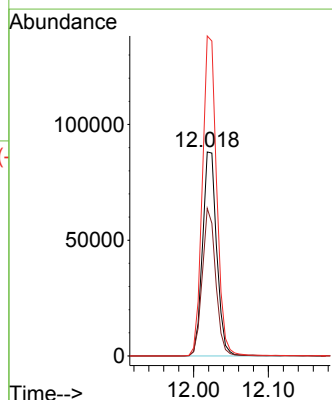
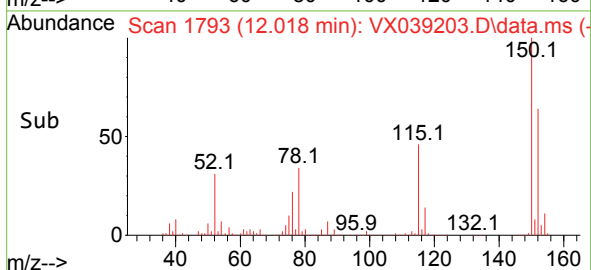
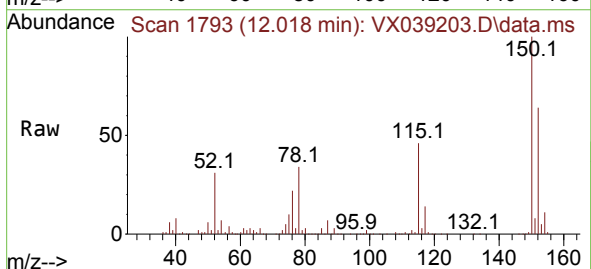


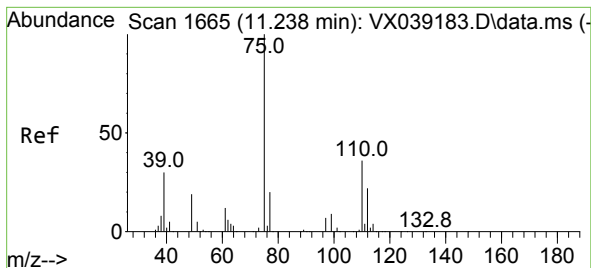
Tgt Ion:117 Resp: 230194
Ion Ratio Lower Upper
117 100
82 60.8 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039203.D
Acq: 14 Dec 2023 12:53

Tgt Ion:152 Resp: 116124
Ion Ratio Lower Upper
152 100
115 68.6 43.3 129.9
150 158.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.519 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039203.D

Acq: 14 Dec 2023 12:53

Instrument :

MSVOA_X

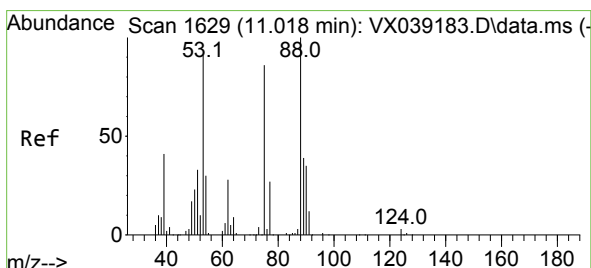
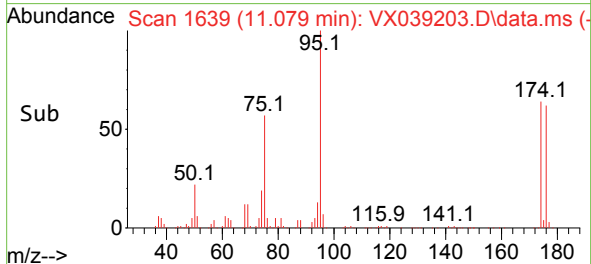
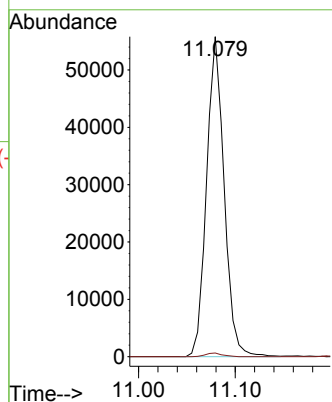
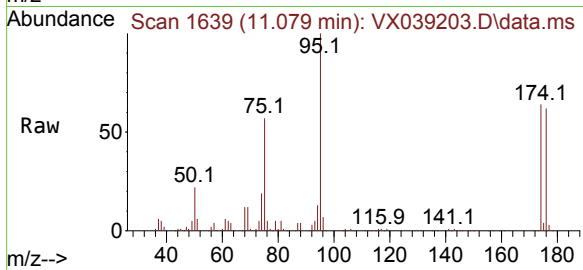
ClientSampleId :

Tgt Ion: 75 Resp: 70659

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.347 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039203.D

Acq: 14 Dec 2023 12:53

Tgt Ion: 75 Resp: 70659

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

