

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039442.D
 Acq On : 22 Dec 2023 16:04
 Operator : JC/MD
 Sample : 05966-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:26:38 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)

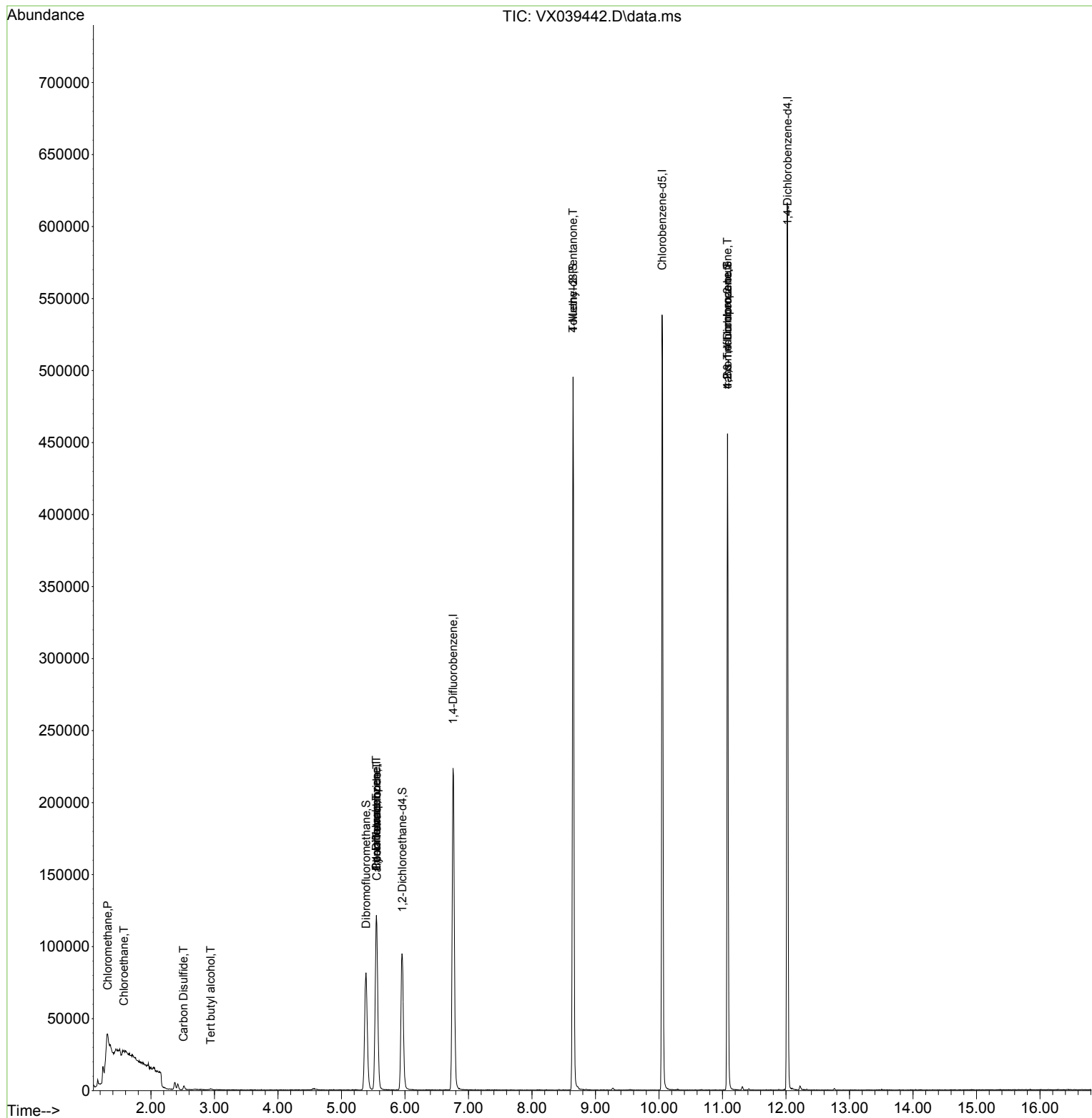
Internal Standards						
1) Pentafluorobenzene	5.550	168	101872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	227156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91690	49.131	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.260%
35) Dibromofluoromethane	5.385	113	72005	47.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.780%
50) Toluene-d8	8.647	98	277966	49.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.079	95	124990	54.265	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	1732	1.091	ug/l #	43
6) Chloroethane	1.575	64	6013	6.761	ug/l #	66
11) Tert butyl alcohol	2.941	59	442	0.943	ug/l #	78
16) Acetone	2.374	43	5758	Below Cal		98
17) Carbon Disulfide	2.514	76	1749	0.456	ug/l #	76
31) Cyclohexane	5.550	56	3062	1.270	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	10242	4.316	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12151	5.366	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1490	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	69111	22.995	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69111	64.868	ug/l #	5

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
Data File : VX039442.D
Acq On : 22 Dec 2023 16:04
Operator : JC/MD
Sample : 05966-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 23 06:26:38 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



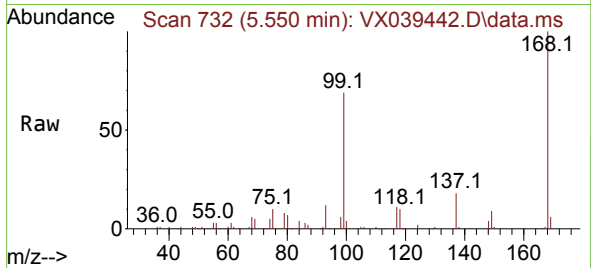


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

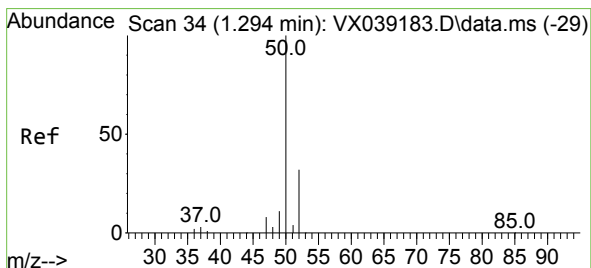
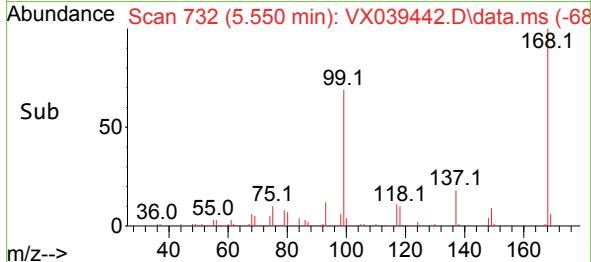
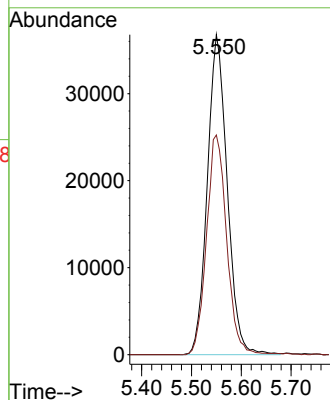
Instrument :

MSVOA_X

ClientSampleId :

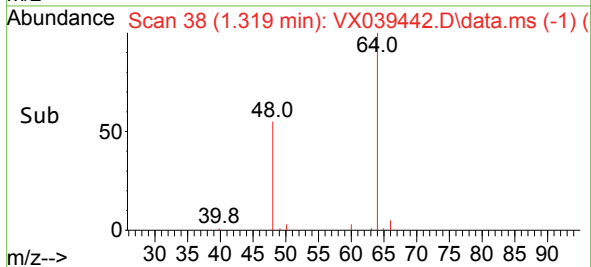
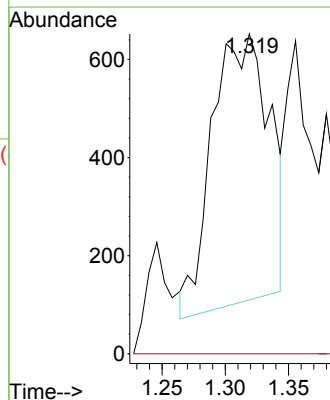
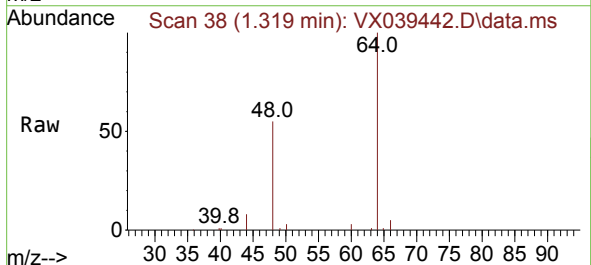


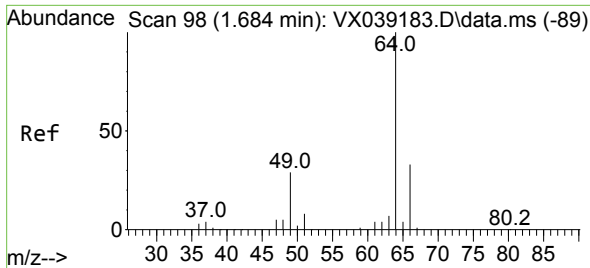
Tgt Ion:168 Resp: 101872
Ion Ratio Lower Upper
168 100
99 68.6 56.6 85.0



#3
Chloromethane
Concen: 1.091 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.025 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

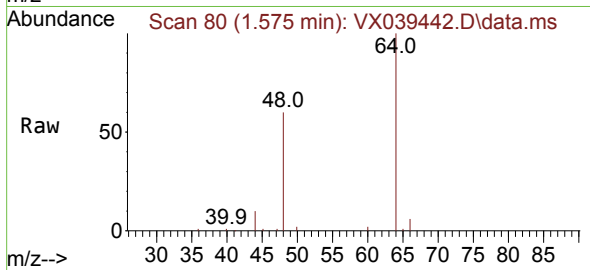
Tgt Ion: 50 Resp: 1732
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



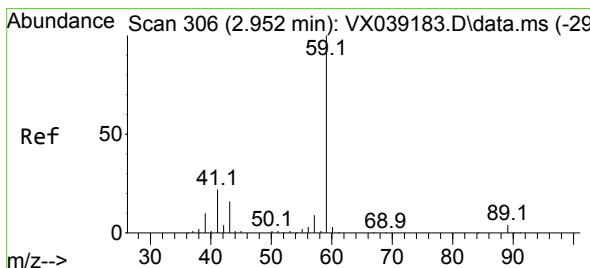
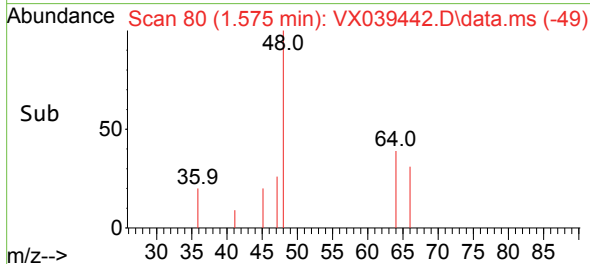
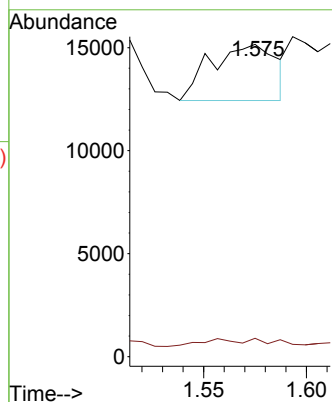


#6
Chloroethane
Concen: 6.761 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.109 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

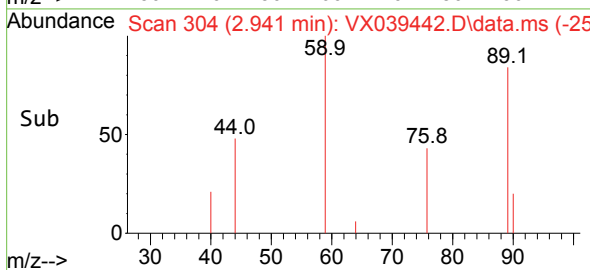
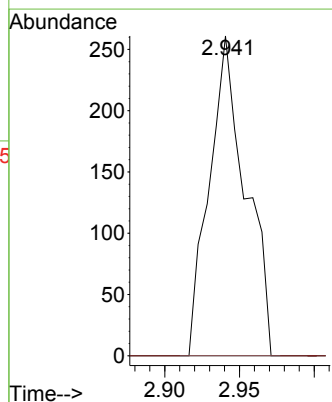
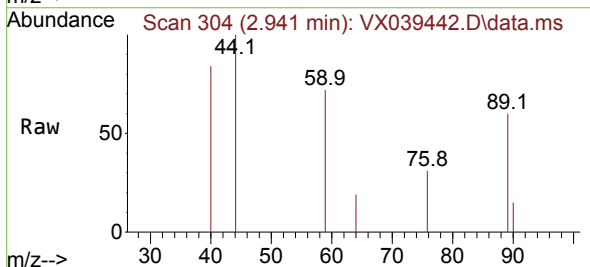


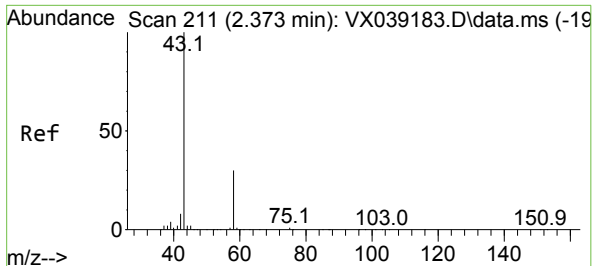
Tgt Ion: 64 Resp: 6013
Ion Ratio Lower Upper
64 100
66 12.3 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.943 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Tgt Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

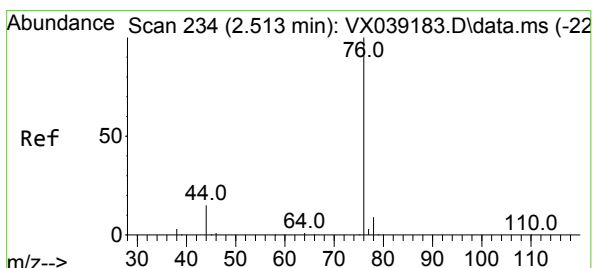
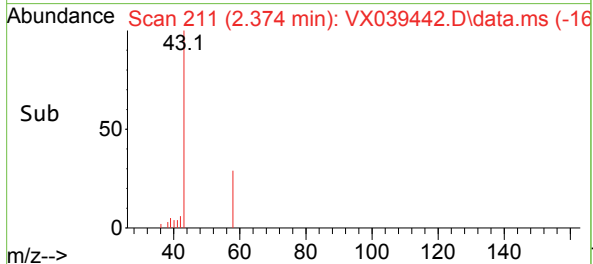
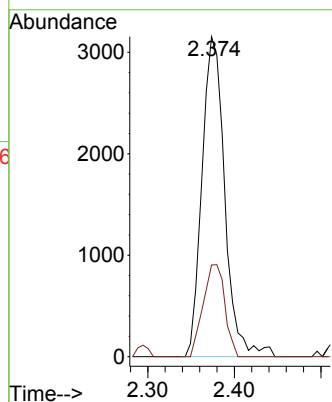
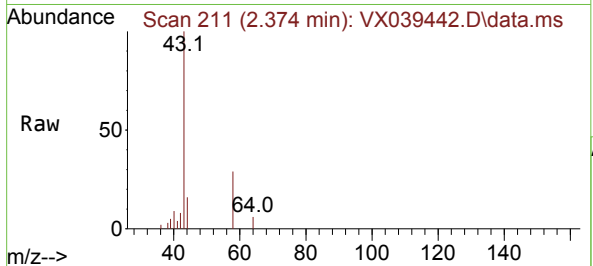




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

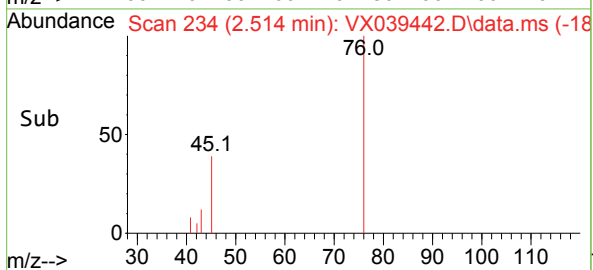
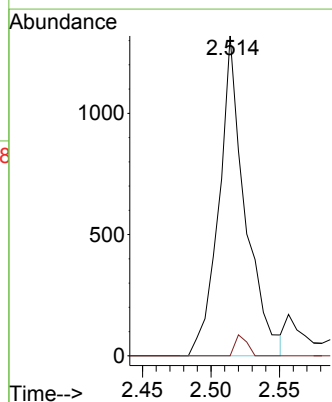
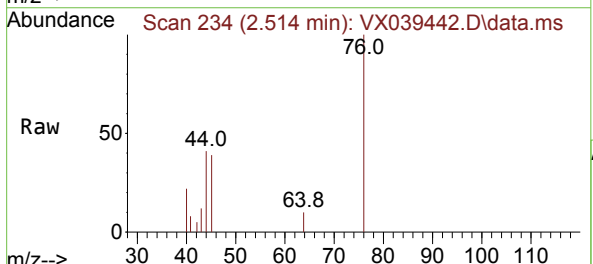
Instrument :
MSVOA_X
ClientSampleId :

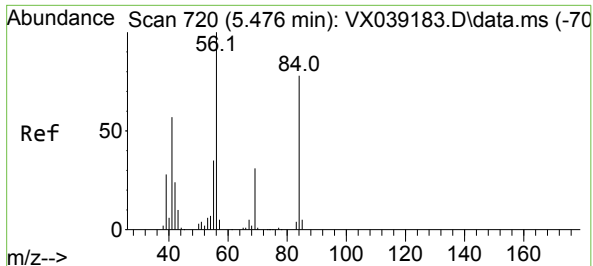
Tgt Ion: 43 Resp: 5758
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.456 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

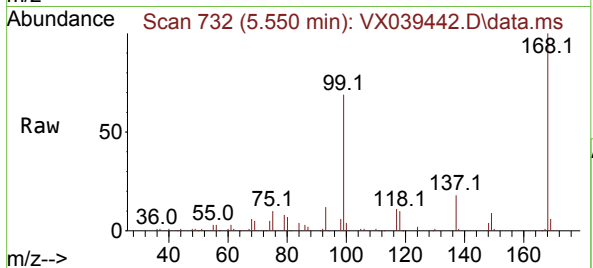
Tgt Ion: 76 Resp: 1749
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



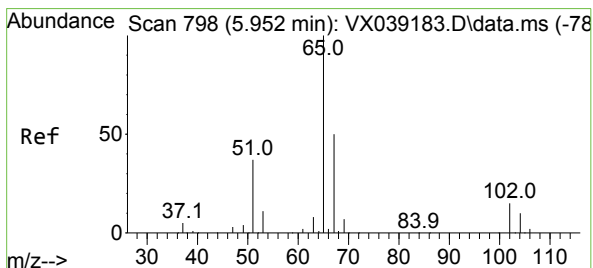
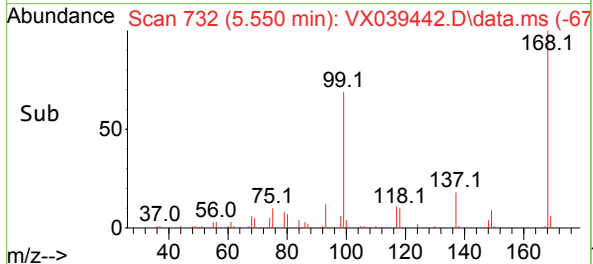
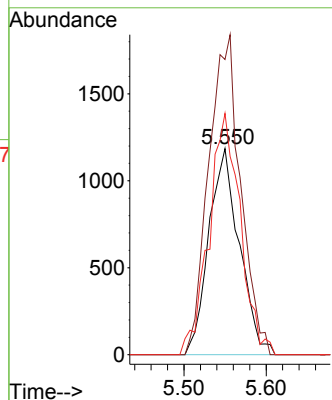


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :

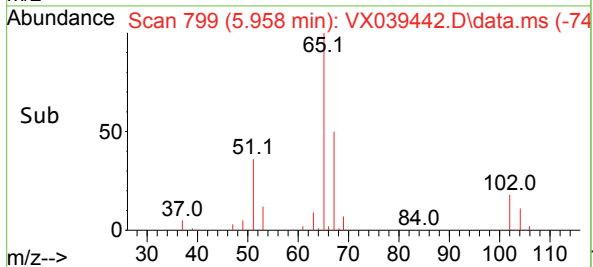
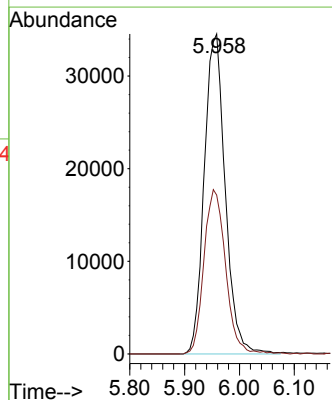
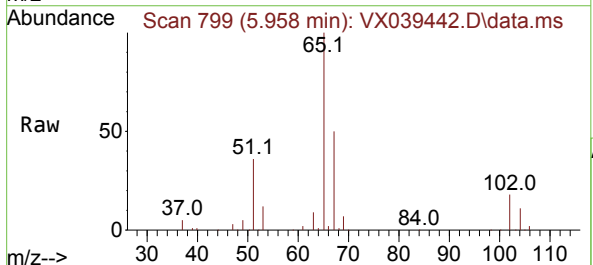


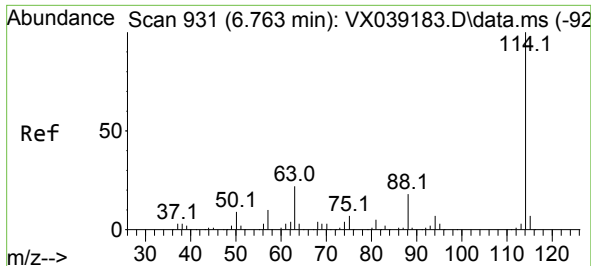
Tgt Ion: 56 Resp: 3062
Ion Ratio Lower Upper
56 100
69 143.2 23.4 35.2#
84 117.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.131 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Tgt Ion: 65 Resp: 91690
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

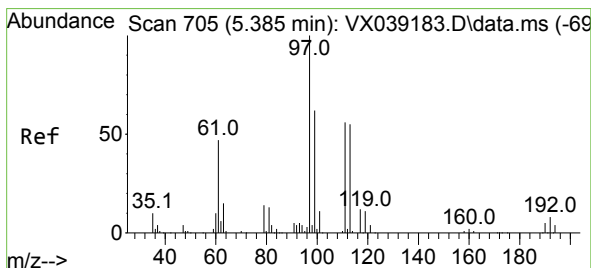
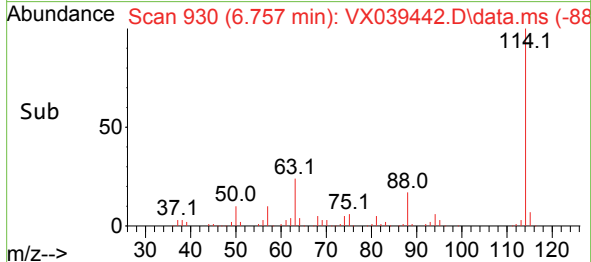
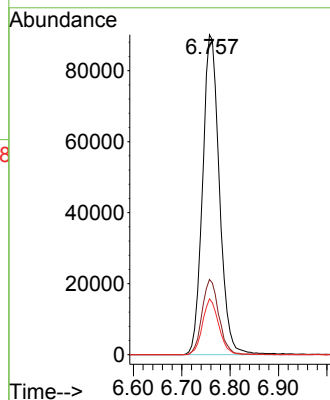
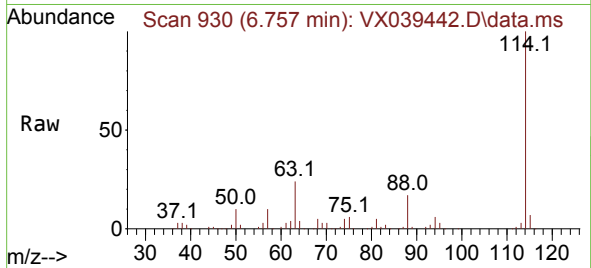




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

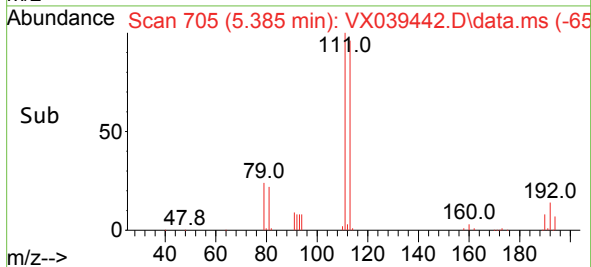
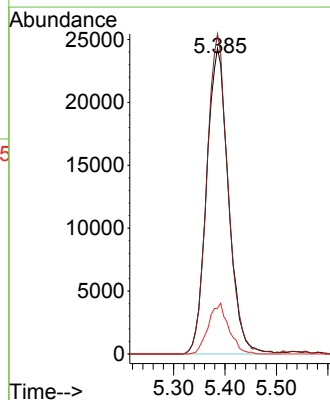
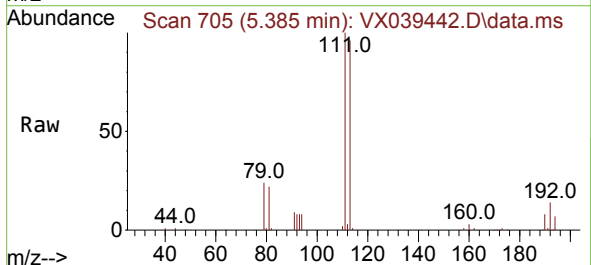
Instrument :
MSVOA_X
ClientSampleId :

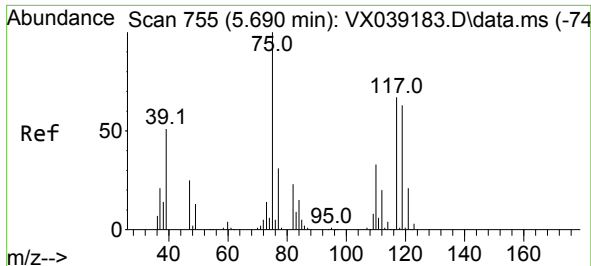
Tgt Ion:114 Resp: 217660
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.885 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Tgt Ion:113 Resp: 72005
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 15.5 13.3 19.9

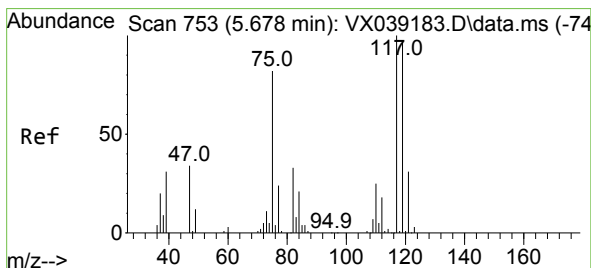
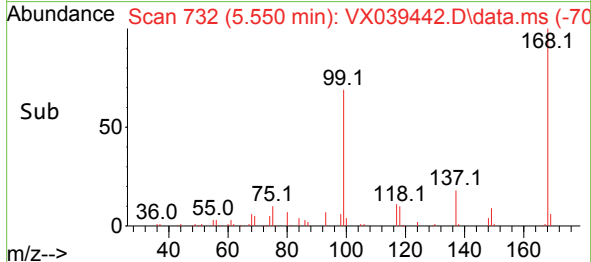
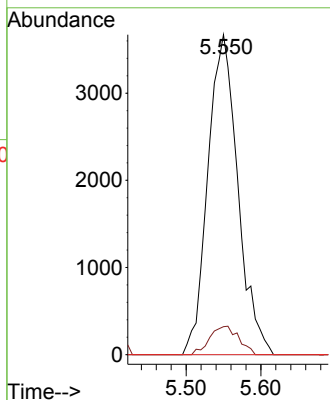
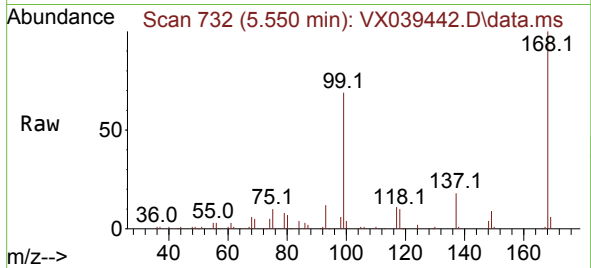




#36
1,1-Dichloropropene
Concen: 4.316 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

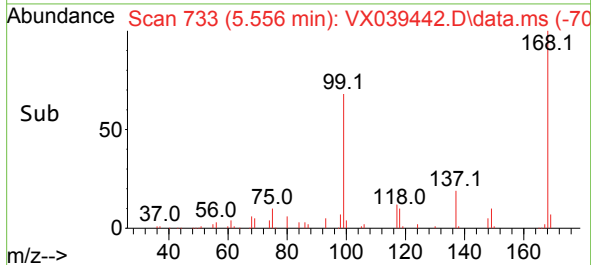
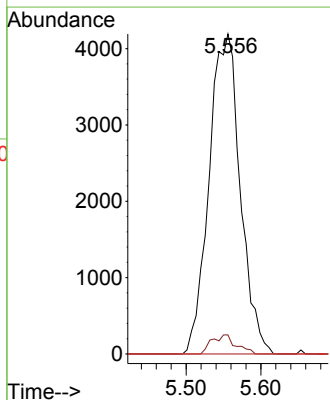
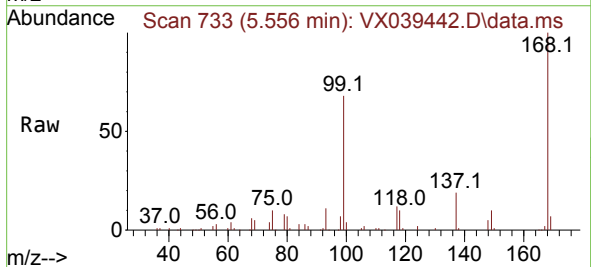
Instrument :
MSVOA_X
ClientSampleId :

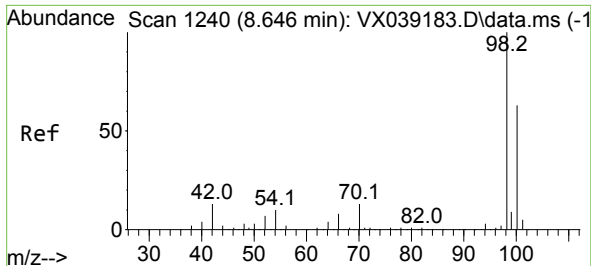
Tgt Ion: 75 Resp: 10242
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Tgt Ion: 117 Resp: 12151
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

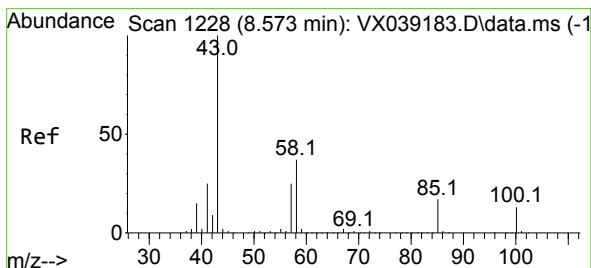
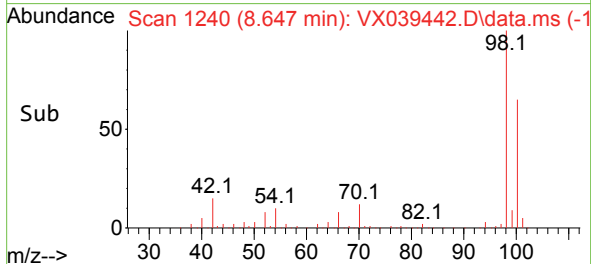
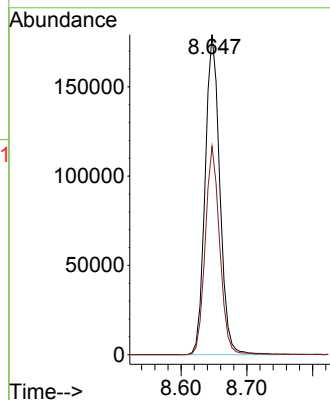
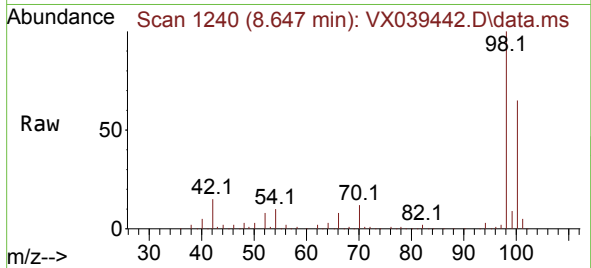




#50
Toluene-d8
Concen: 49.792 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

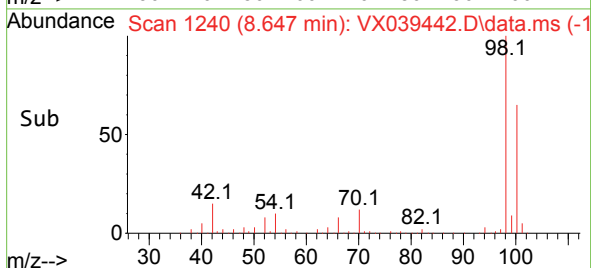
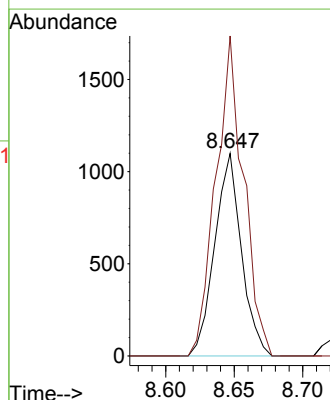
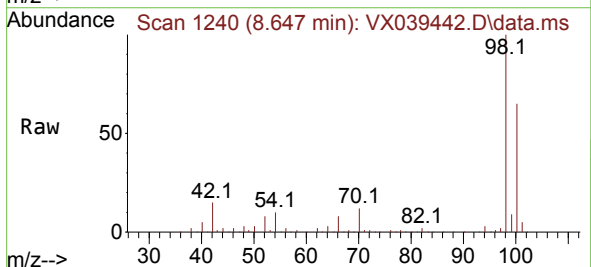
Instrument :
MSVOA_X
ClientSampleId :

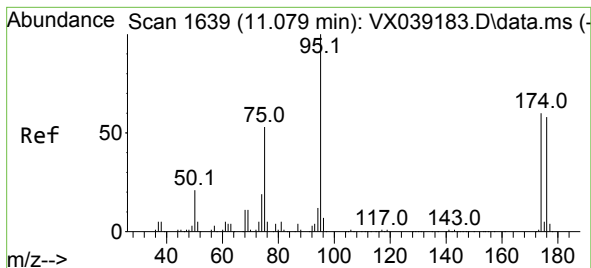
Tgt Ion: 98 Resp: 277966
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Tgt Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
58 164.0 30.4 45.6#

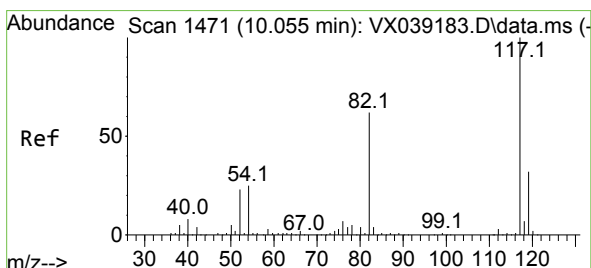
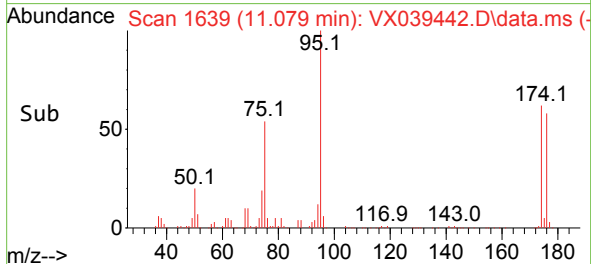
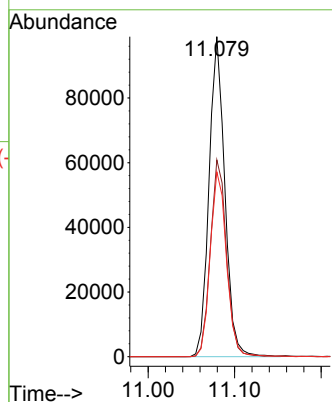
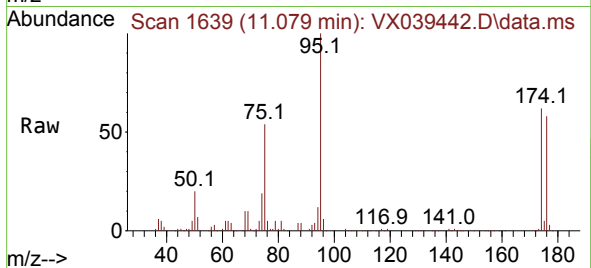




#62
4-Bromofluorobenzene
Concen: 54.265 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

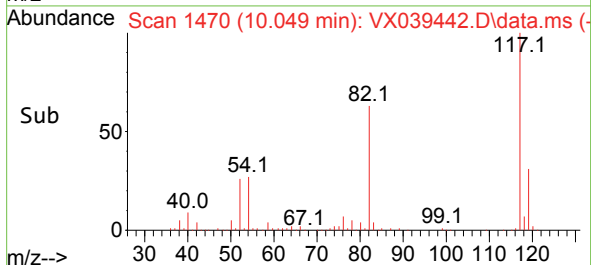
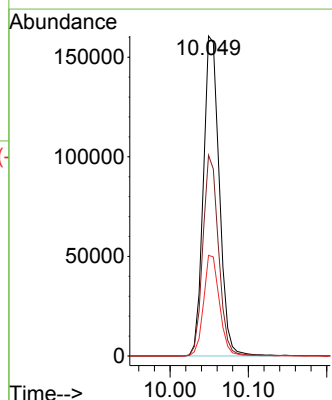
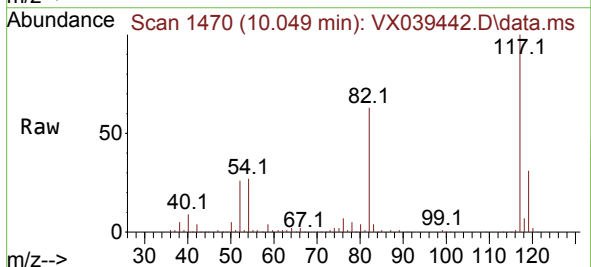
Instrument :
MSVOA_X
ClientSampleId :

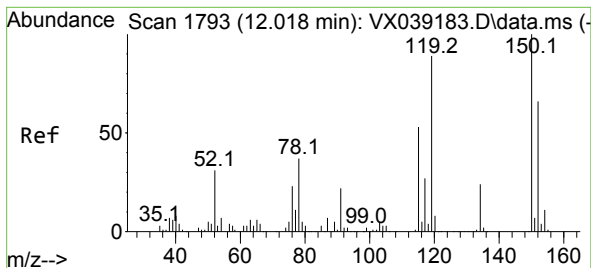
Tgt Ion: 95 Resp: 124990
Ion Ratio Lower Upper
95 100
174 63.1 0.0 135.6
176 59.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Tgt Ion: 117 Resp: 227156
Ion Ratio Lower Upper
117 100
82 62.8 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# 1

Delta R.T. 0.007 min

Lab File: VX039442.D

Acq: 22 Dec 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

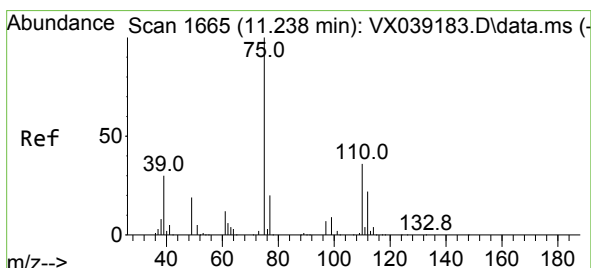
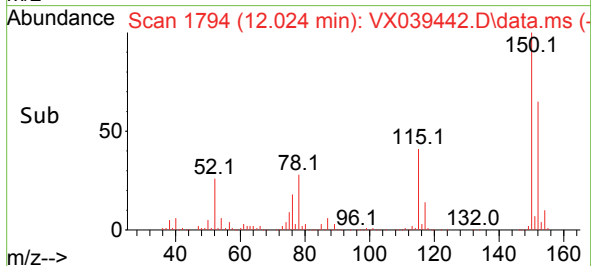
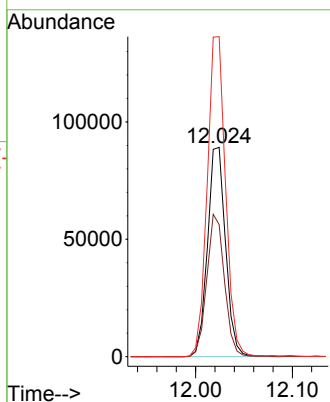
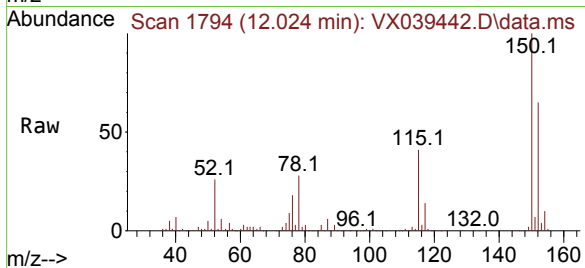
Tgt Ion:152 Resp: 116170

Ion Ratio Lower Upper

152 100

115 66.4 43.3 129.9

150 155.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.995 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039442.D

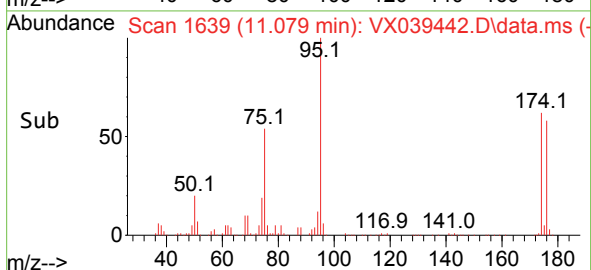
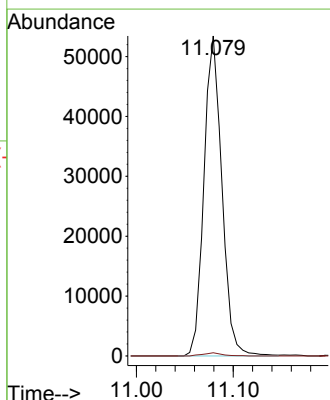
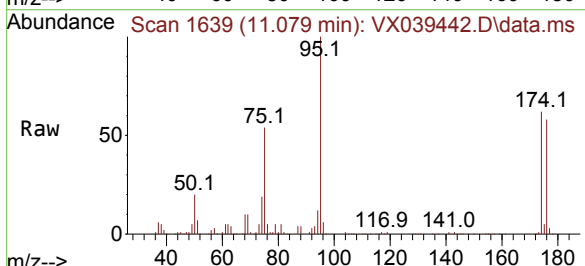
Acq: 22 Dec 2023 16:04

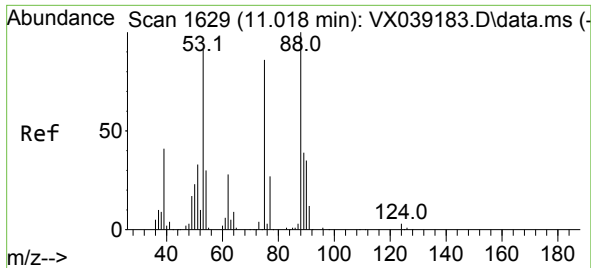
Tgt Ion: 75 Resp: 69111

Ion Ratio Lower Upper

75 100

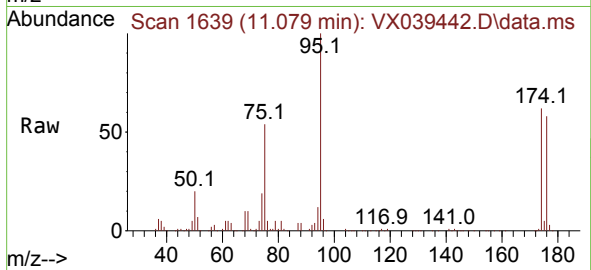
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.868 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039442.D
Acq: 22 Dec 2023 16:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 69111
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

