

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039067.D
 Acq On : 30 Nov 2023 14:50
 Operator : JC/MD
 Sample : 05585-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P3874-SP3

Quant Time: Dec 01 01:58:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

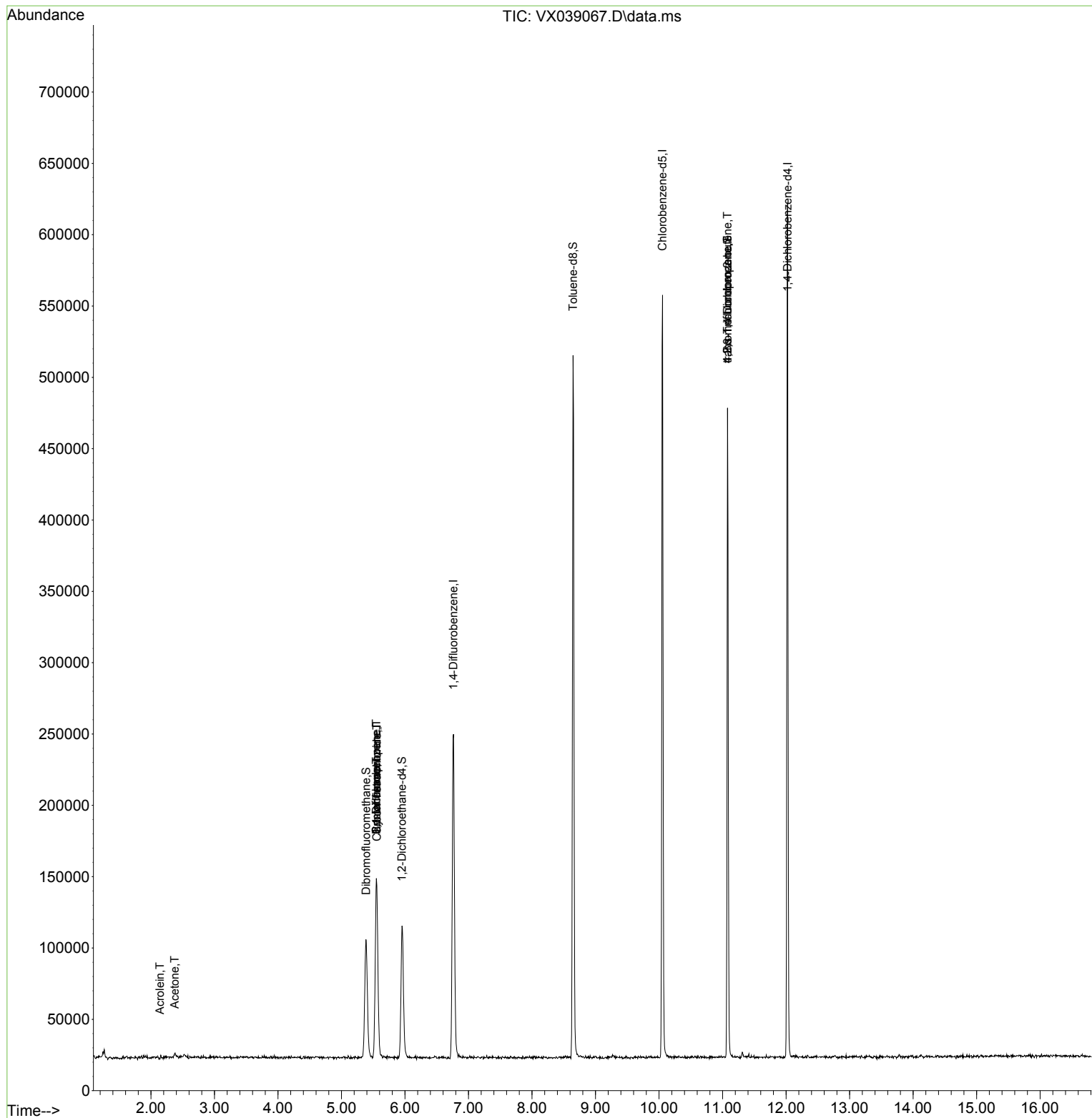
Internal Standards						
1) Pentafluorobenzene	5.550	168	114627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88328	47.821	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.640%		
35) Dibromofluoromethane	5.385	113	74338	44.060	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.120%		
50) Toluene-d8	8.647	98	294264	45.585	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.180%#		
62) 4-Bromofluorobenzene	11.079	95	125622	48.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.220%		
Target Compounds						Qvalue
13) Acrolein	2.142	56	68	0.250	ug/l #	1
16) Acetone	2.373	43	3106	3.159	ug/l #	81
31) Cyclohexane	5.550	56	3262	1.237	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10188	4.213	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12515	5.600	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	65736	22.047	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	65736	48.902	ug/l #	5

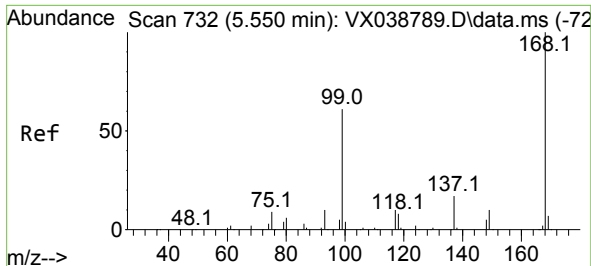
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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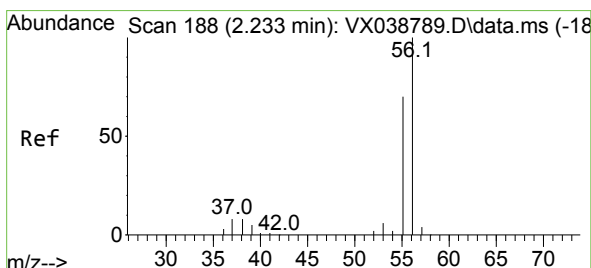
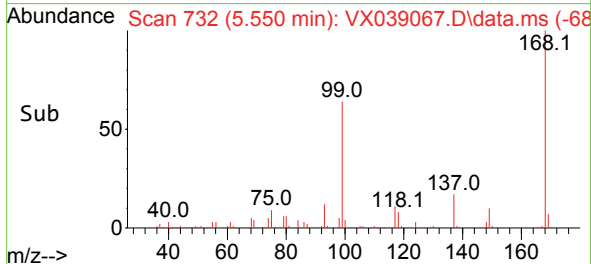
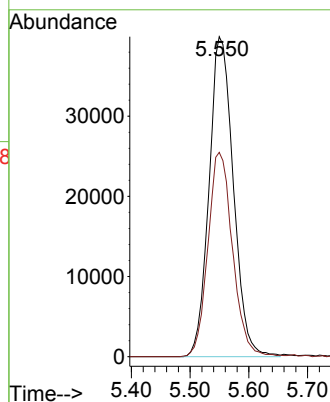
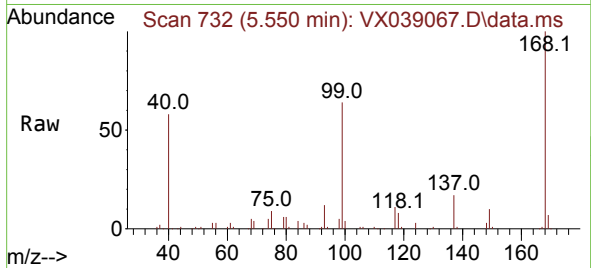




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039067.D
Acq: 30 Nov 2023 14:50

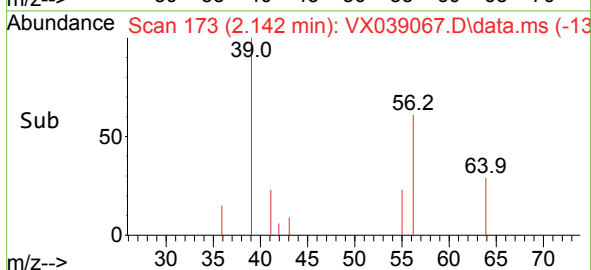
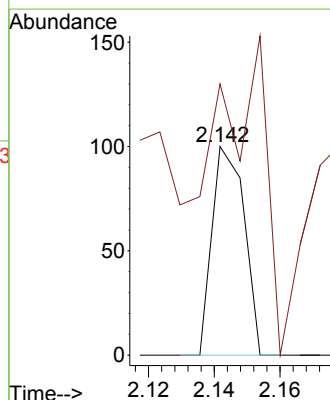
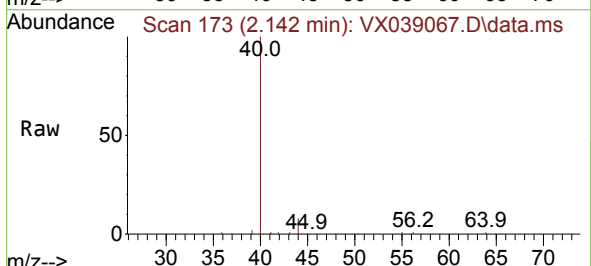
Instrument :
MSVOA_X
ClientSampleId :
P3874-SP3

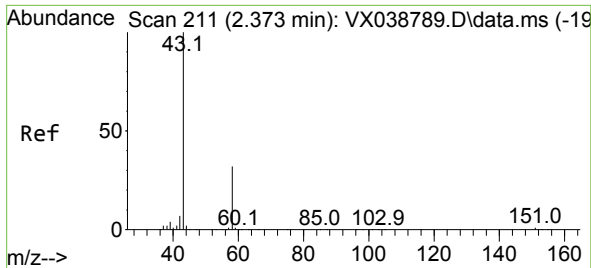
Tgt Ion:168 Resp: 114627
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#13
Acrolein
Concen: 0.250 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.091 min
Lab File: VX039067.D
Acq: 30 Nov 2023 14:50

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 242.6 57.1 85.7#





#16

Acetone

Concen: 3.159 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039067.D

Acq: 30 Nov 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

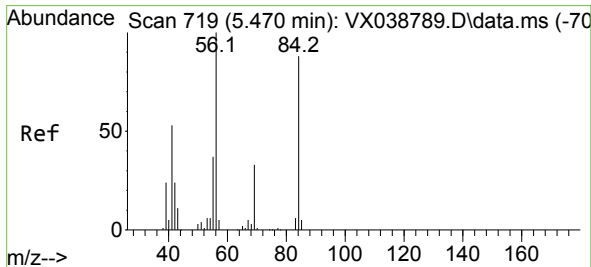
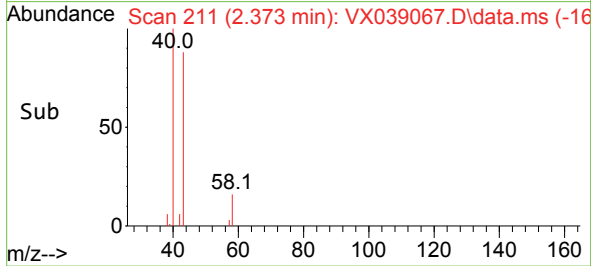
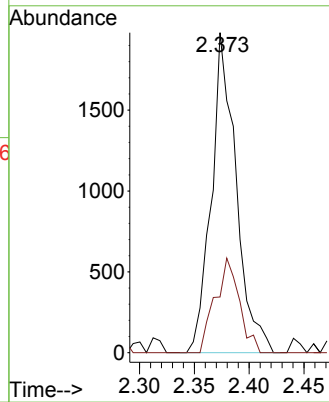
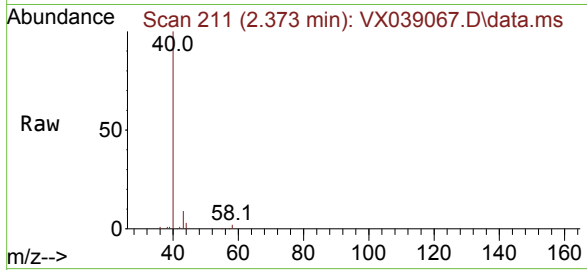
P3874-SP3

Tgt Ion: 43 Resp: 3106

Ion Ratio Lower Upper

43 100

58 17.4 21.9 32.9#



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX039067.D

Acq: 30 Nov 2023 14:50

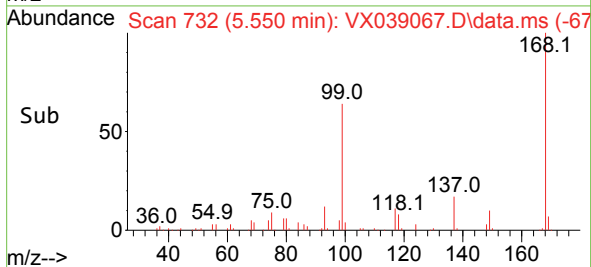
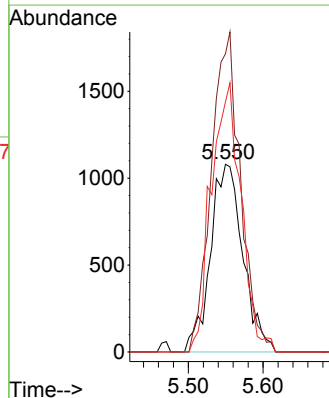
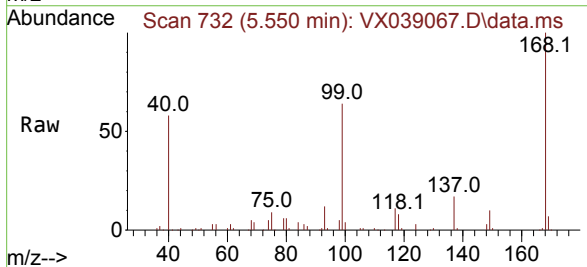
Tgt Ion: 56 Resp: 3262

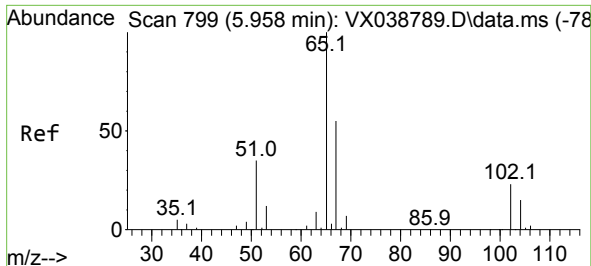
Ion Ratio Lower Upper

56 100

69 158.9 23.4 35.2#

84 133.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.821 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039067.D

Acq: 30 Nov 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

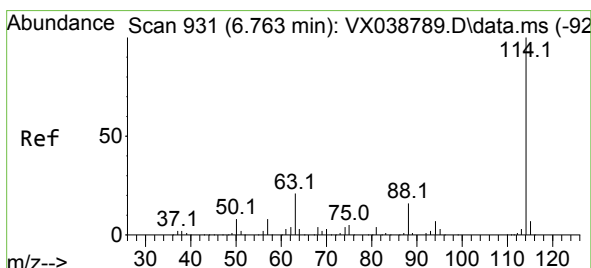
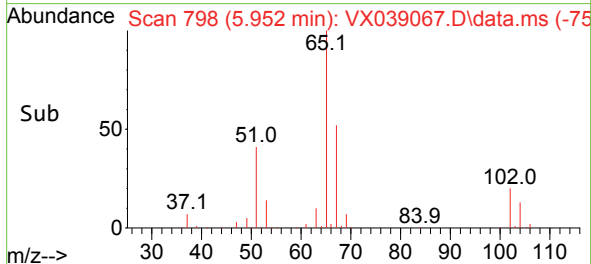
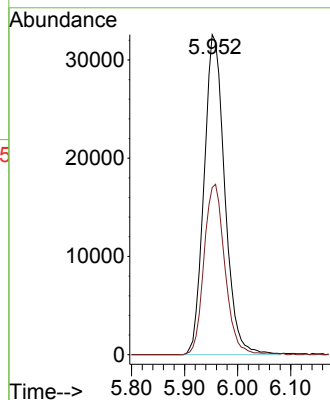
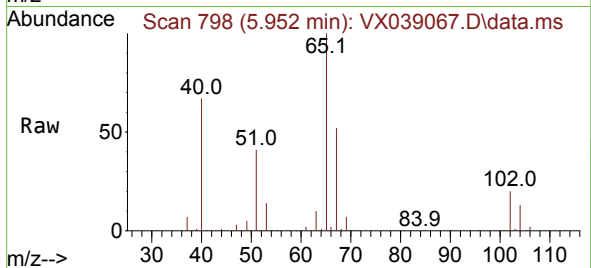
P3874-SP3

Tgt Ion: 65 Resp: 88328

Ion Ratio Lower Upper

65 100

67 53.8 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: VX039067.D

Acq: 30 Nov 2023 14:50

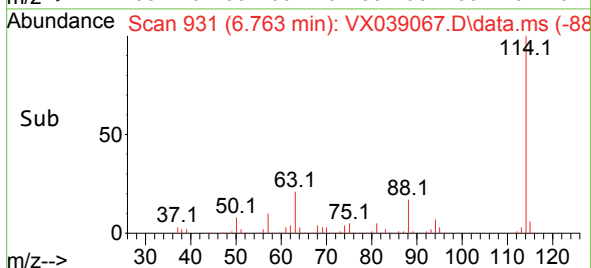
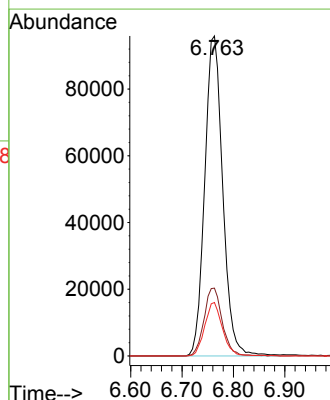
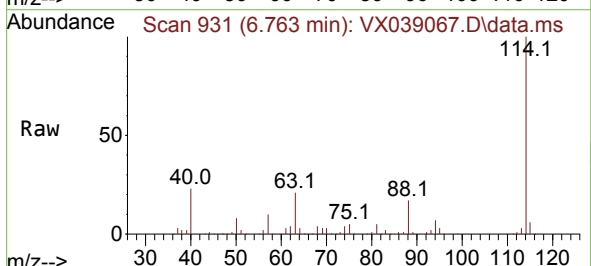
Tgt Ion:114 Resp: 233610

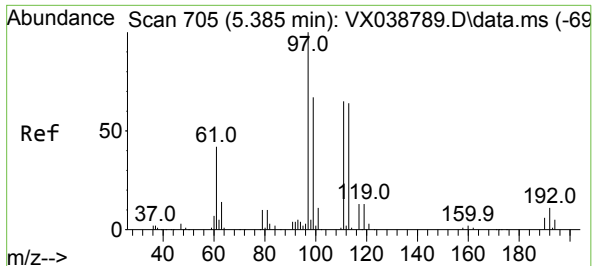
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.060 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039067.D

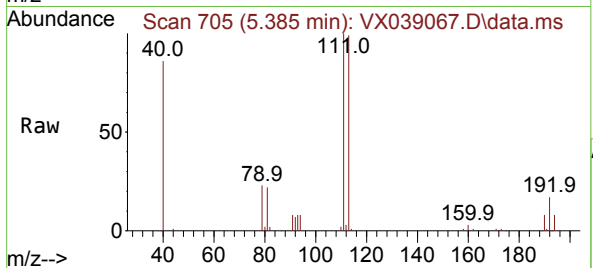
Acq: 30 Nov 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

P3874-SP3



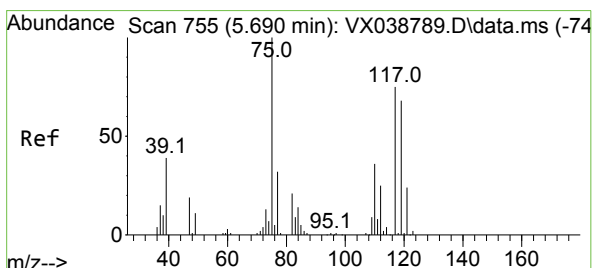
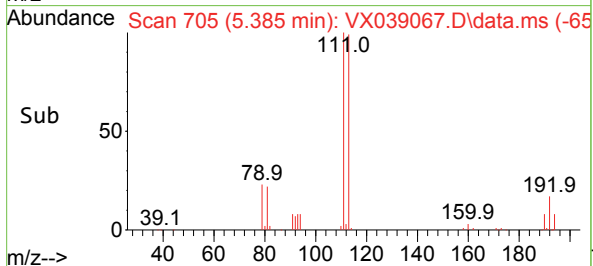
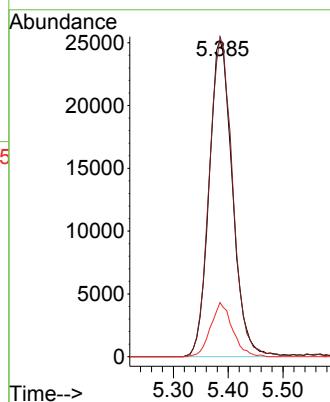
Tgt Ion:113 Resp: 74338

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

192 16.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.213 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039067.D

Acq: 30 Nov 2023 14:50

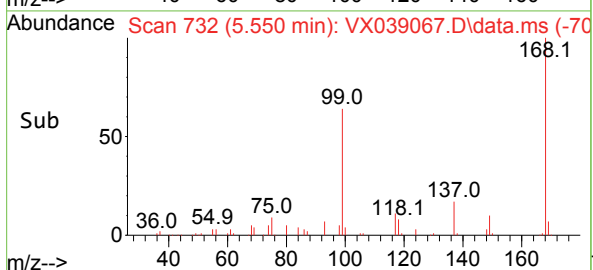
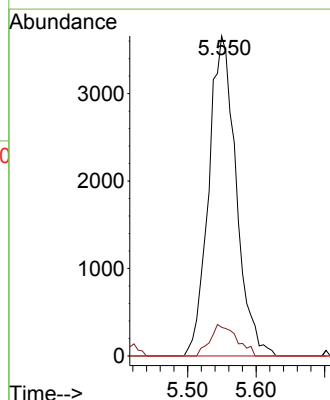
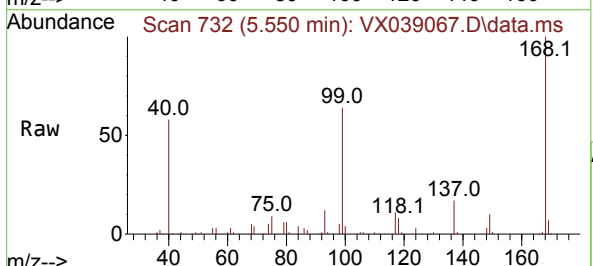
Tgt Ion: 75 Resp: 10188

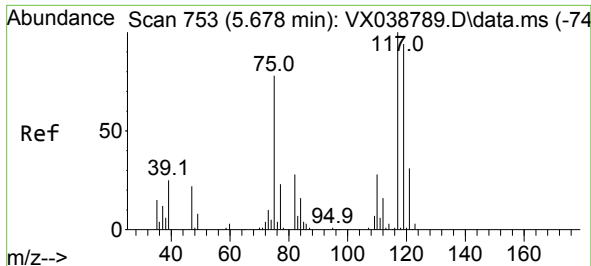
Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

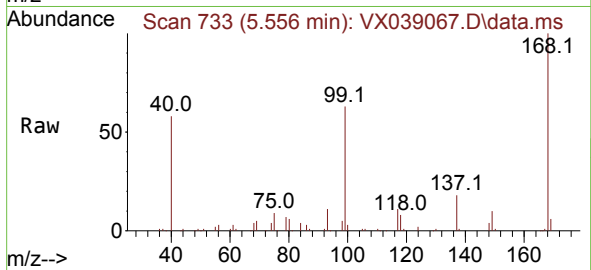
77 0.0 24.7 37.1#



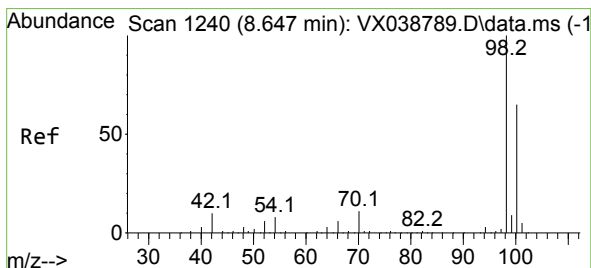
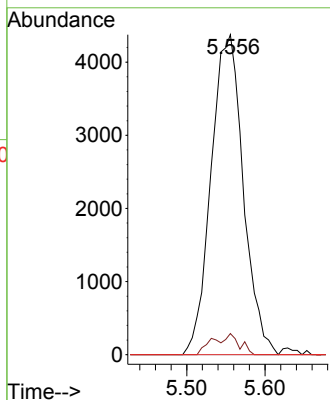
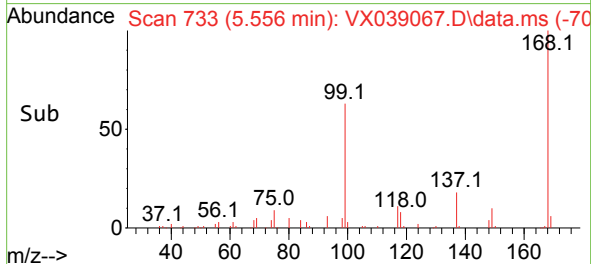


#38
Carbon Tetrachloride
Concen: 5.600 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039067.D
Acq: 30 Nov 2023 14:50

Instrument :
MSVOA_X
ClientSampleId :
P3874-SP3

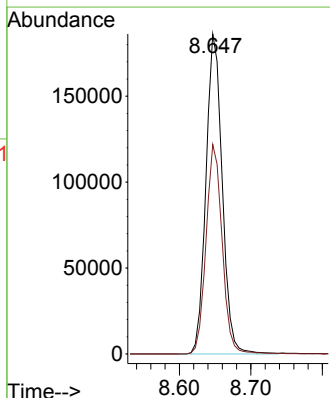
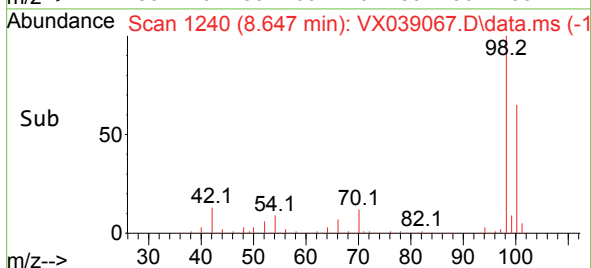
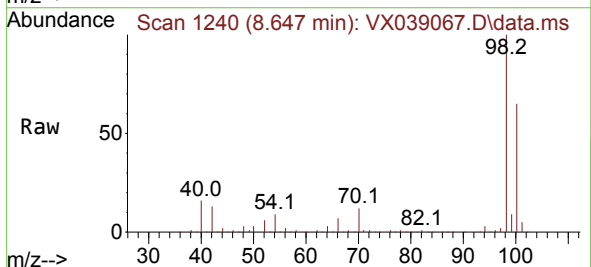


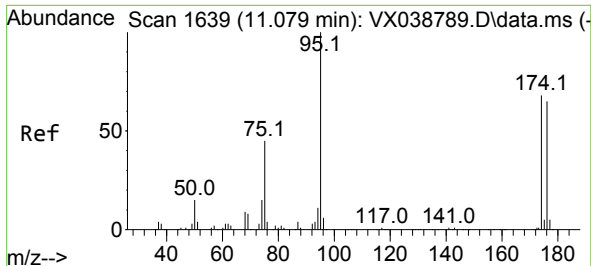
Tgt Ion:117 Resp: 12515
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.585 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039067.D
Acq: 30 Nov 2023 14:50

Tgt Ion: 98 Resp: 294264
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

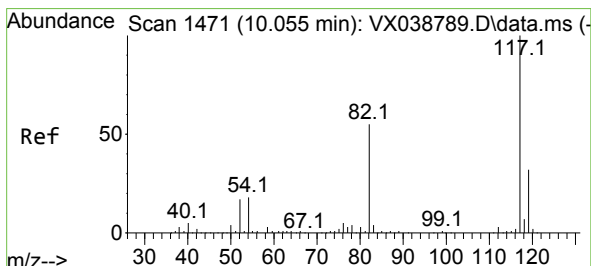
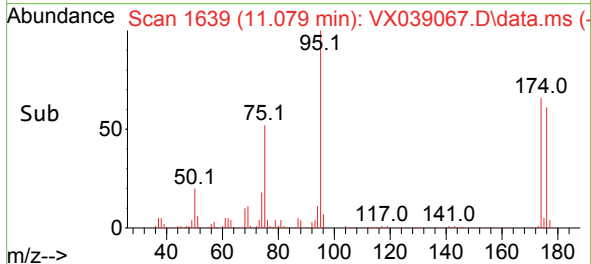
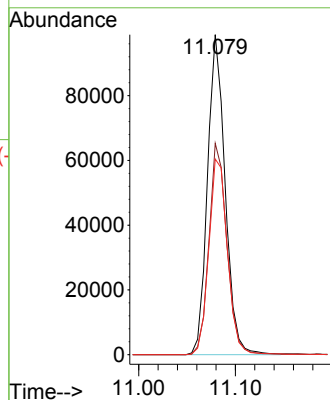
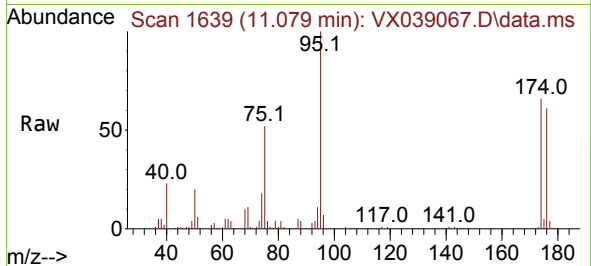




#62
4-Bromofluorobenzene
Concen: 48.614 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039067.D
Acq: 30 Nov 2023 14:50

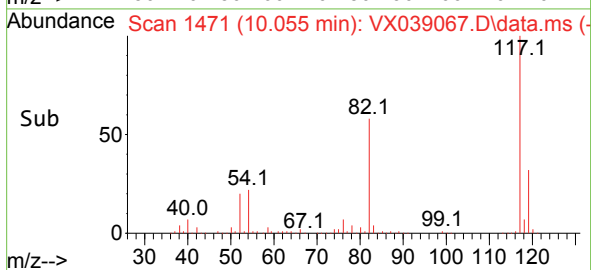
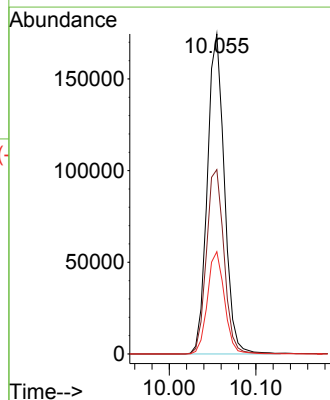
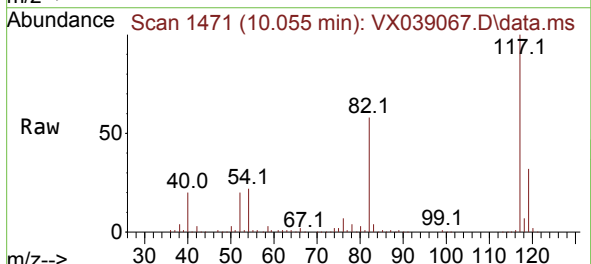
Instrument :
MSVOA_X
ClientSampleId :
P3874-SP3

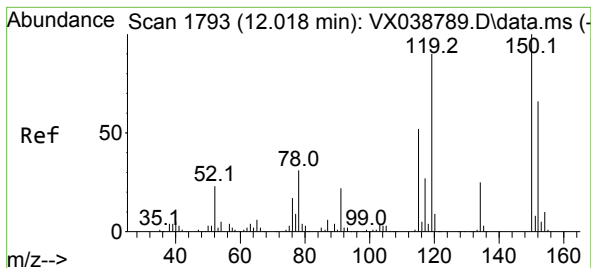
Tgt Ion: 95 Resp: 125622
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 64.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039067.D
Acq: 30 Nov 2023 14:50

Tgt Ion: 117 Resp: 238757
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039067.D

Acq: 30 Nov 2023 14:50

Instrument :

MSVOA_X

ClientSampleId :

P3874-SP3

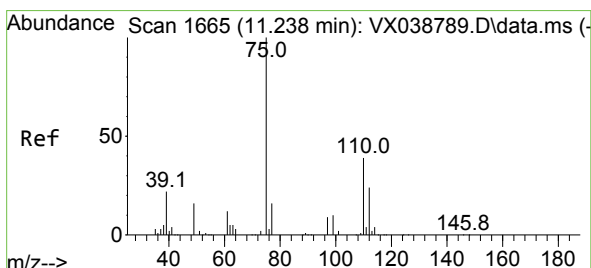
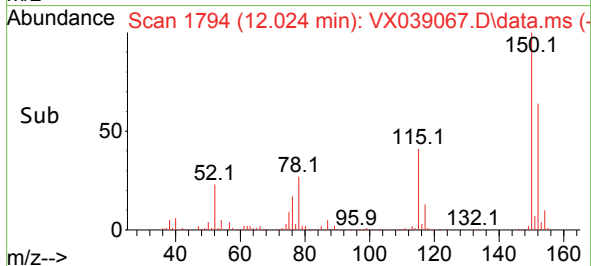
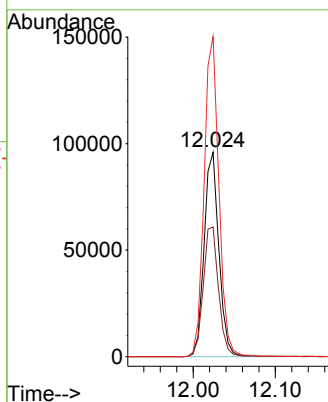
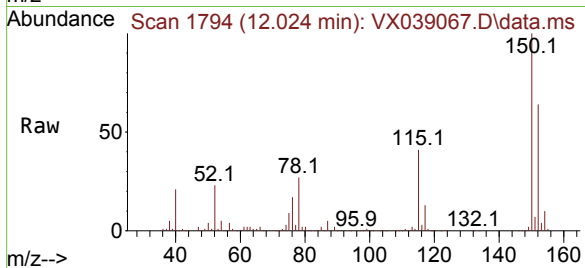
Tgt Ion:152 Resp: 119505

Ion Ratio Lower Upper

152 100

115 65.7 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.047 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039067.D

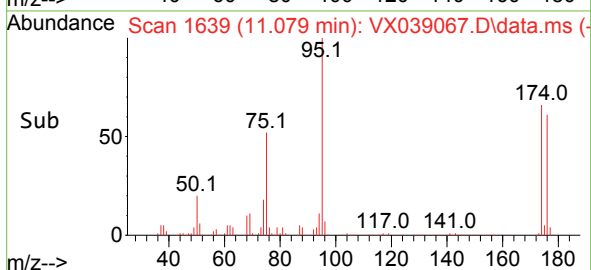
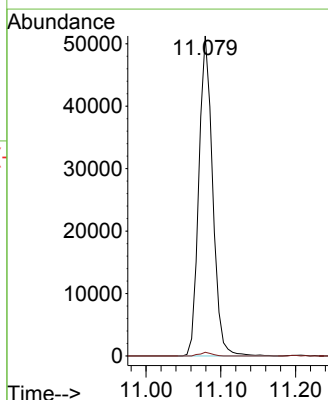
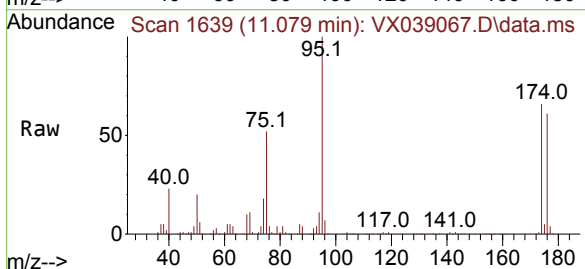
Acq: 30 Nov 2023 14:50

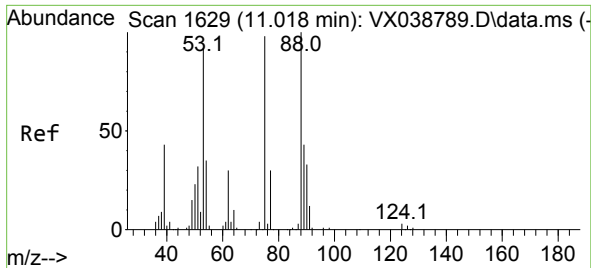
Tgt Ion: 75 Resp: 65736

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.902 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039067.D
 Acq: 30 Nov 2023 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 P3874-SP3

Tgt Ion: 75 Resp: 65736
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

