

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016413.D
 Acq On : 17 Nov 2023 16:29
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

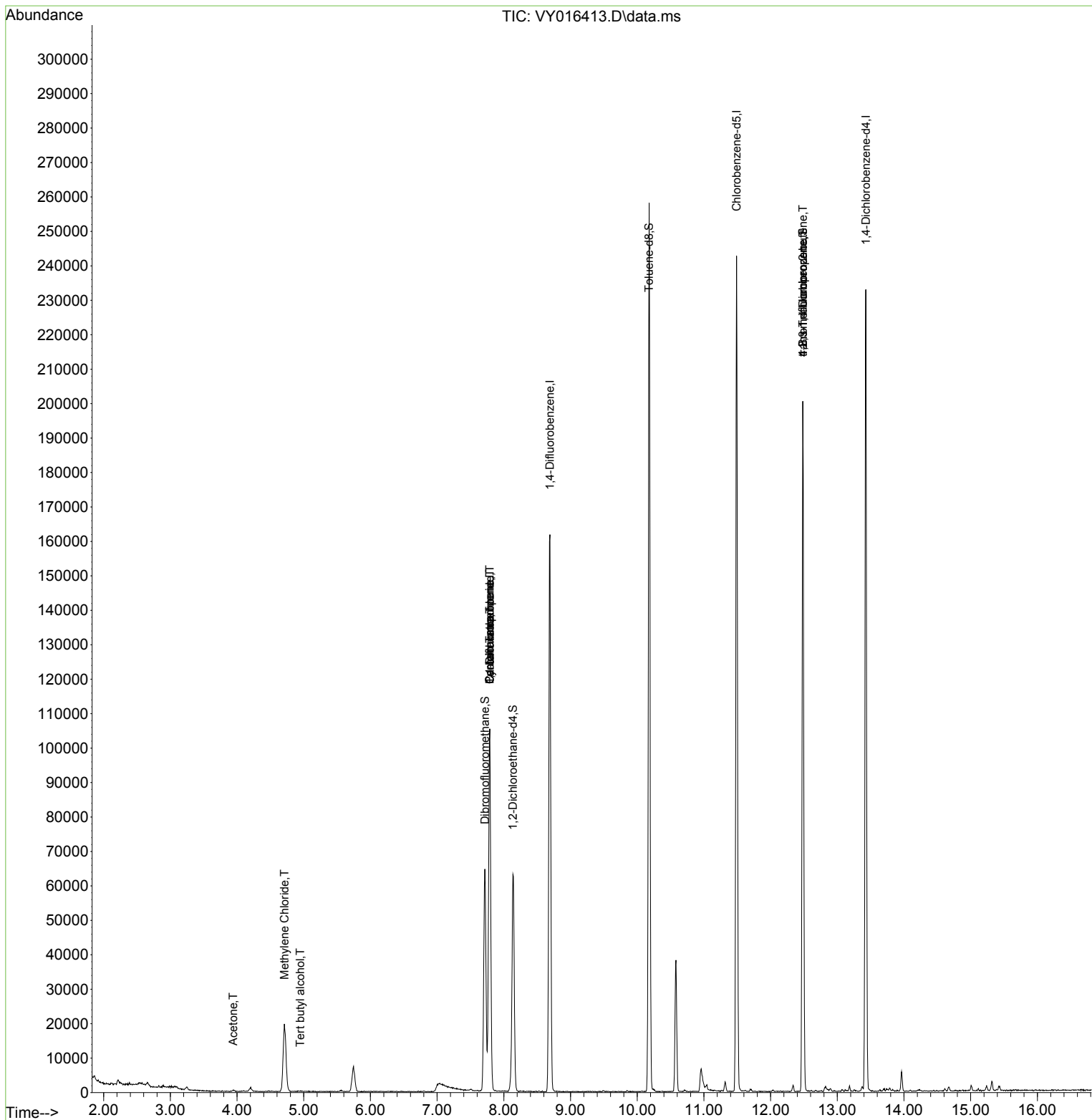
Quant Time: Nov 18 05:21:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

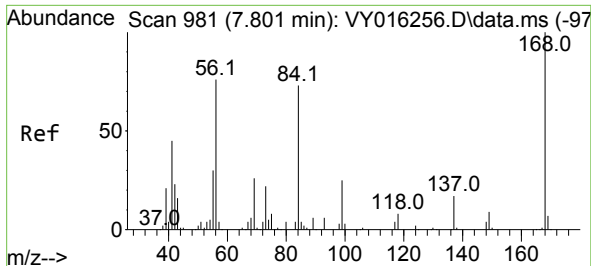
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	82440	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	145401	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	138522	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	62523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50084	66.471	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.940%	
35) Dibromofluoromethane	7.716	113	46668	56.501	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.000%	
50) Toluene-d8	10.179	98	170997	51.052	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.483	95	56830	52.240	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.480%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	165	2.796	ug/l #	89
16) Acetone	3.942	43	518	4.156	ug/l #	88
20) Methylene Chloride	4.710	84	15663	15.380	ug/l	84
31) Cyclohexane	7.789	56	1611	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6290	4.386	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8010	5.381	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	29803	49.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29803	107.857	ug/l #	10

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

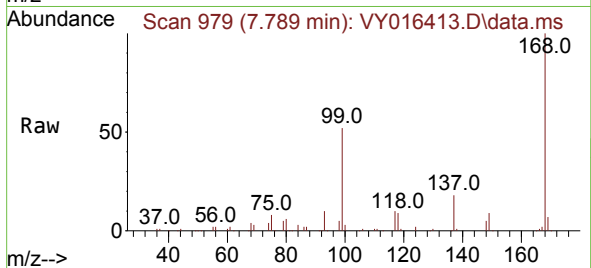
Quant Time: Nov 18 05:21:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



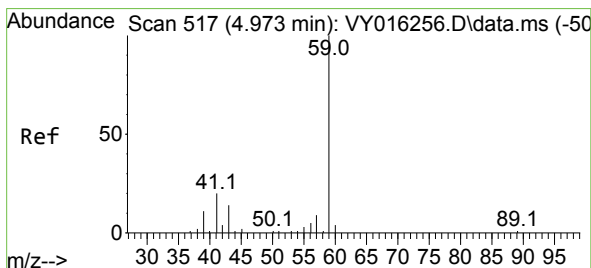
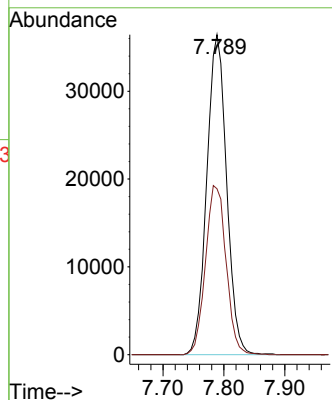
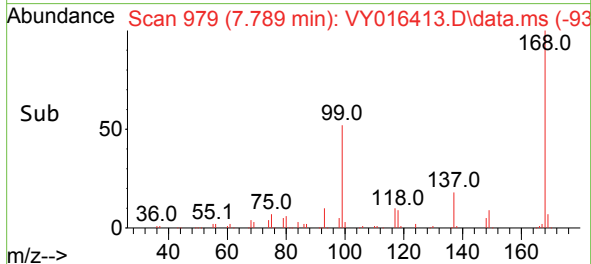


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :

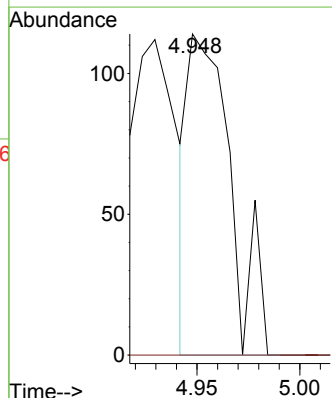
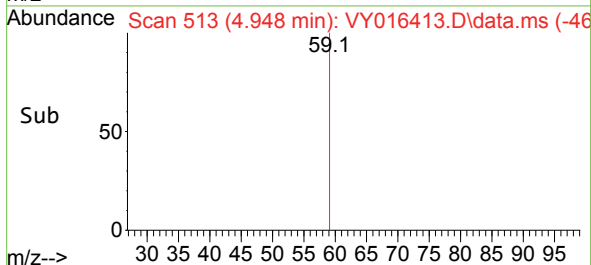
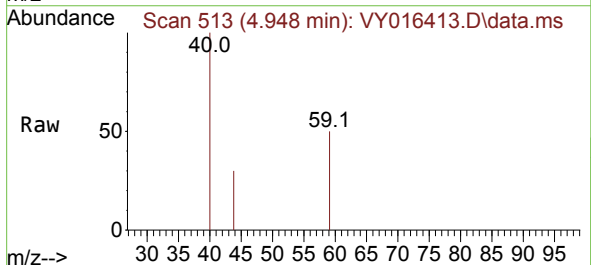


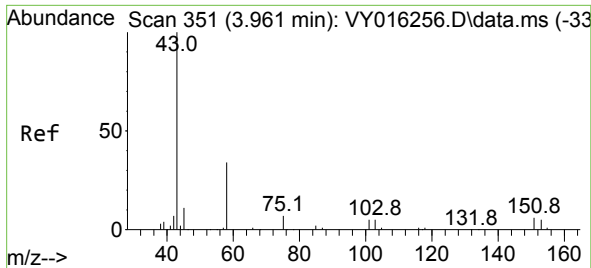
Tgt Ion:168 Resp: 82440
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.796 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.025 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

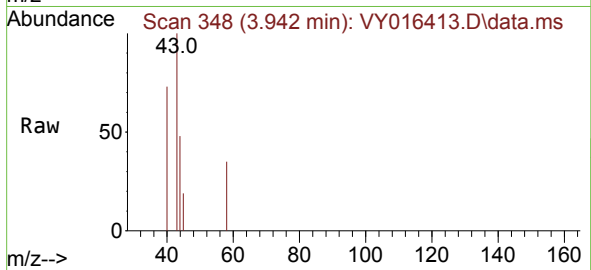
Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



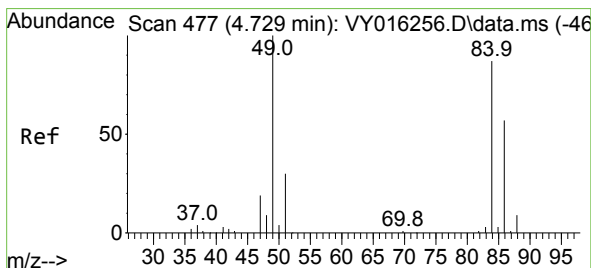
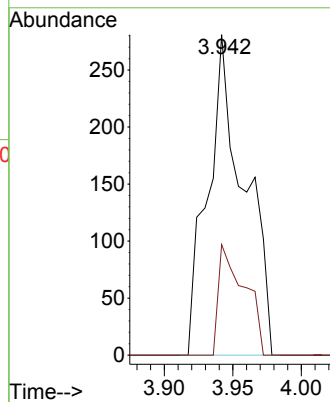
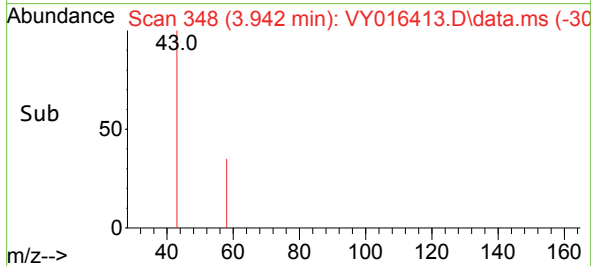


#16
Acetone
Concen: 4.156 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.019 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :

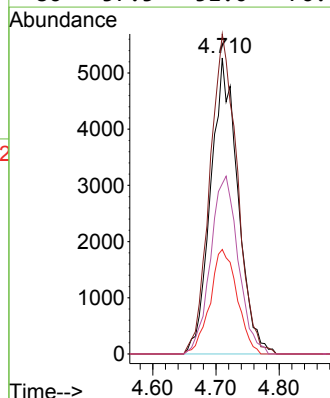
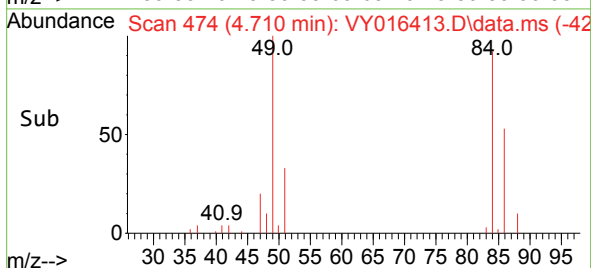
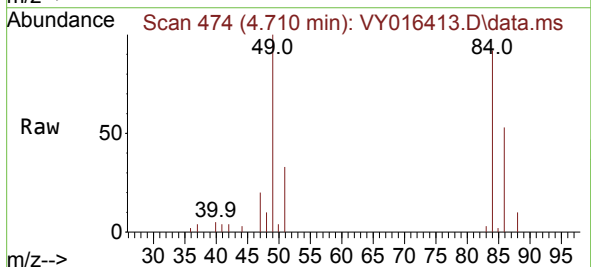


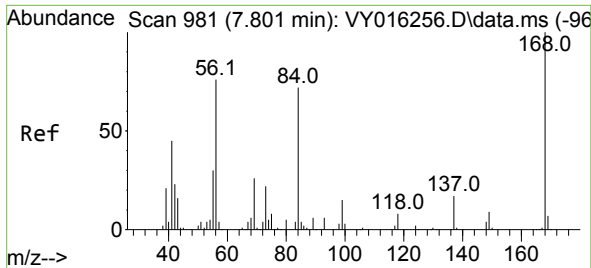
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 34.5 22.7 34.1#



#20
Methylene Chloride
Concen: 15.380 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

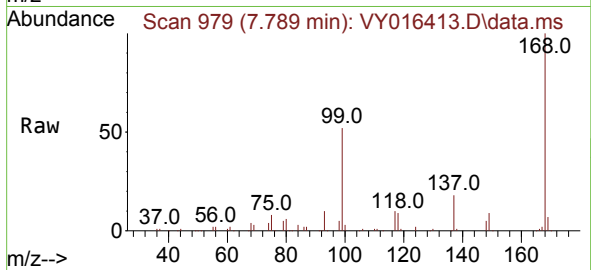
Tgt Ion: 84 Resp: 15663
Ion Ratio Lower Upper
84 100
49 108.1 106.9 160.3
51 35.3 33.2 49.8
86 57.5 51.0 76.6



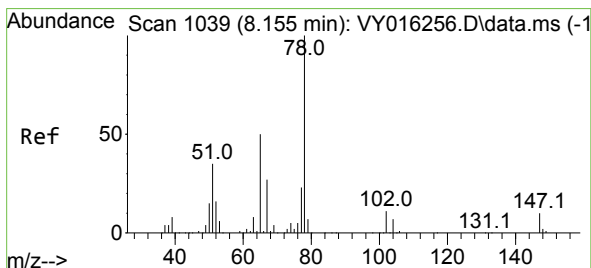
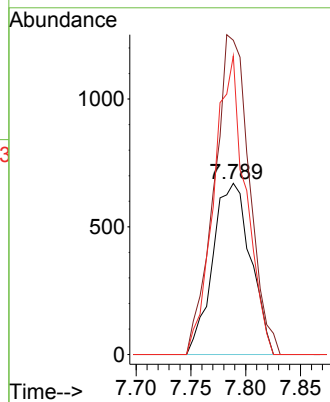
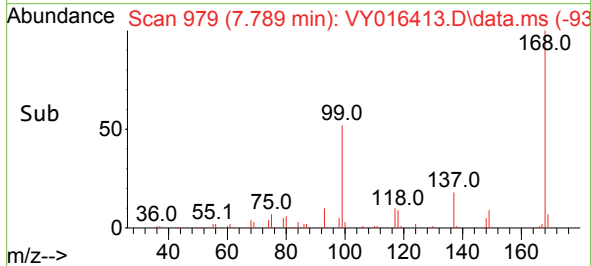


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :

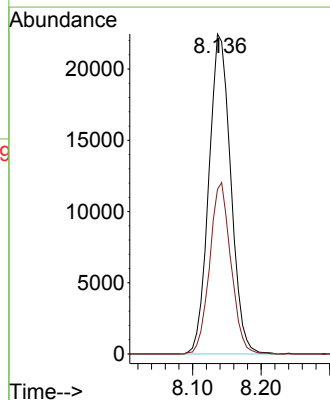
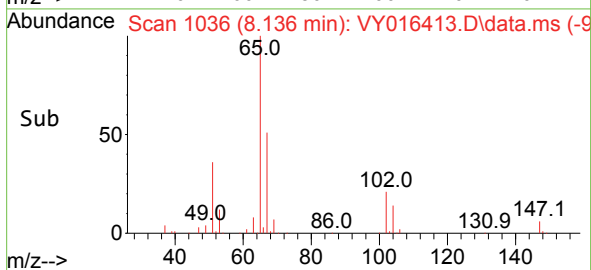
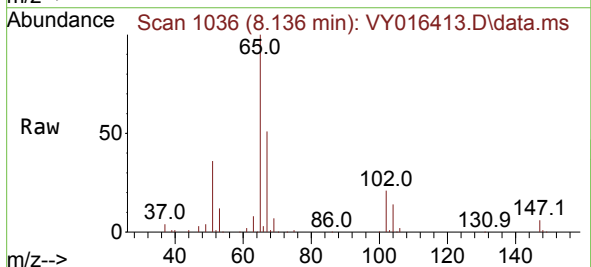


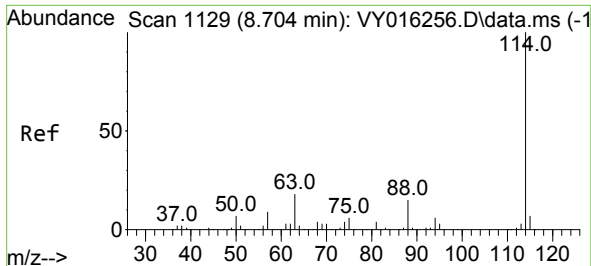
Tgt Ion: 56 Resp: 1611
Ion Ratio Lower Upper
56 100
69 183.6 27.8 41.6#
84 174.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.471 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.019 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 65 Resp: 50084
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY016413.D

Acq: 17 Nov 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

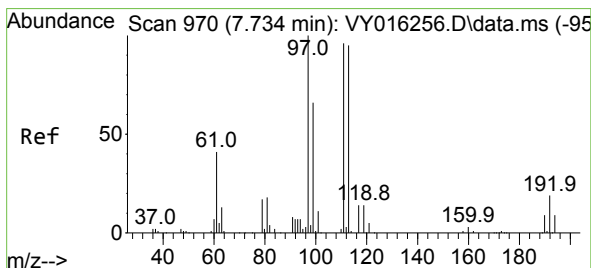
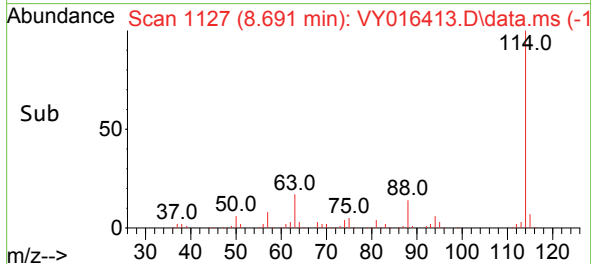
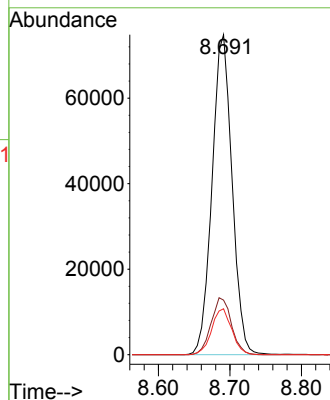
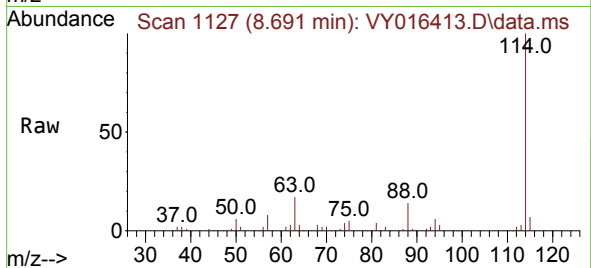
Tgt Ion:114 Resp: 145401

Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.501 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.019 min

Lab File: VY016413.D

Acq: 17 Nov 2023 16:29

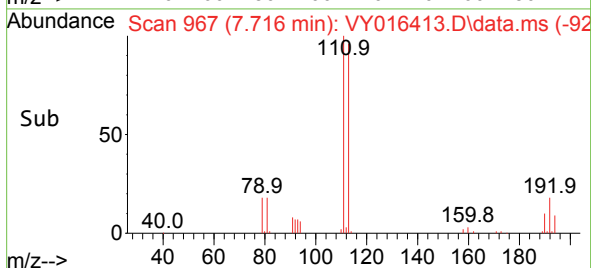
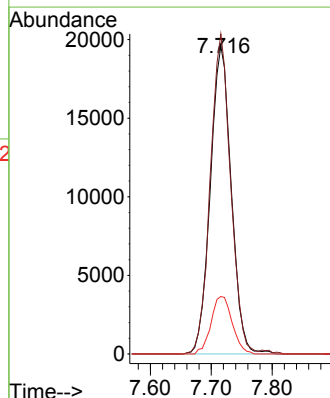
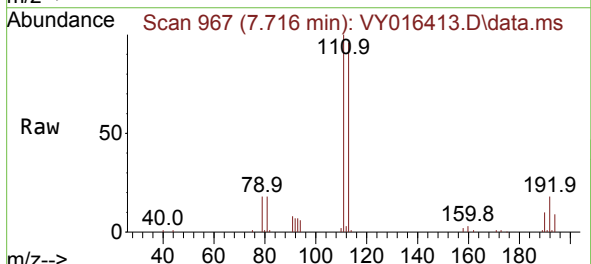
Tgt Ion:113 Resp: 46668

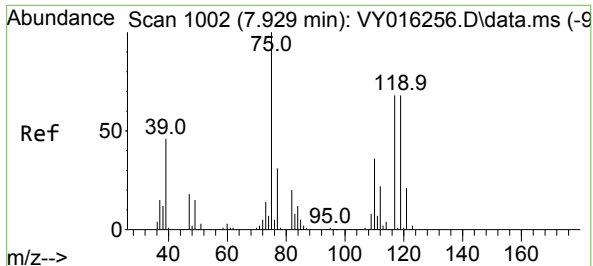
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 18.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.141 min

Lab File: VY016413.D

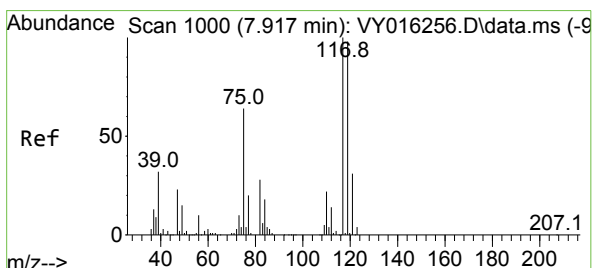
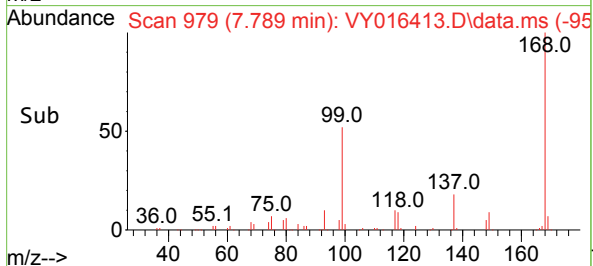
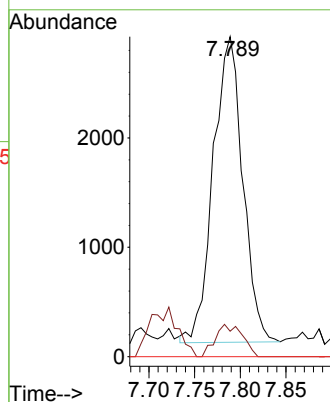
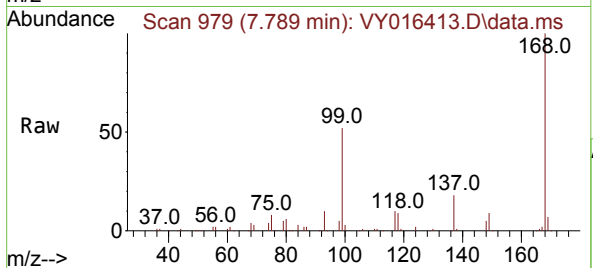
Acq: 17 Nov 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	6290
Ion	Ratio	Lower Upper
75	100	
110	9.7	17.8 53.5#
77	0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.381 ug/l

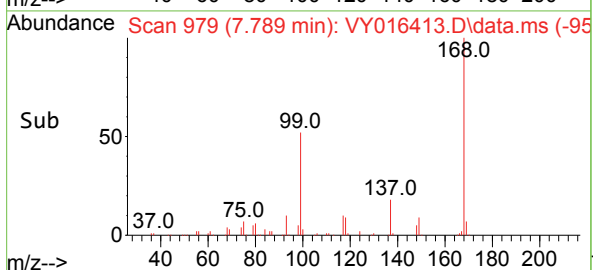
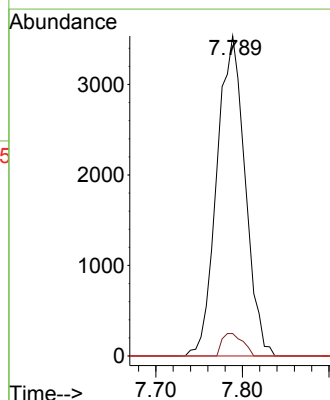
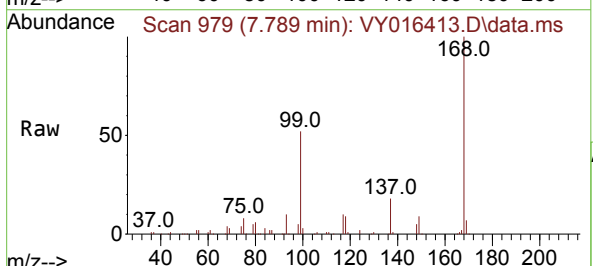
RT: 7.789 min Scan# 979

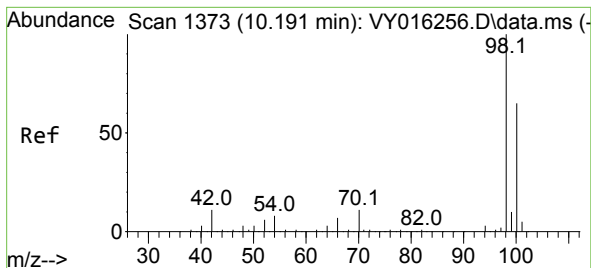
Delta R.T. -0.128 min

Lab File: VY016413.D

Acq: 17 Nov 2023 16:29

Tgt Ion: 117	Resp:	8010
Ion	Ratio	Lower Upper
117	100	
119	7.0	76.4 114.6#
121	0.0	25.8 38.6#

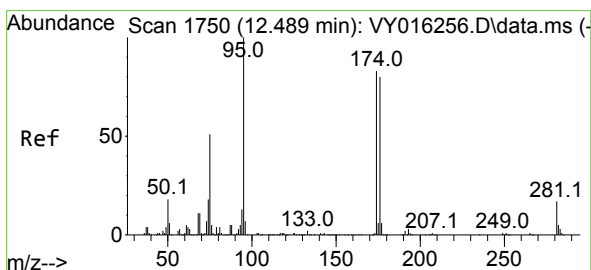
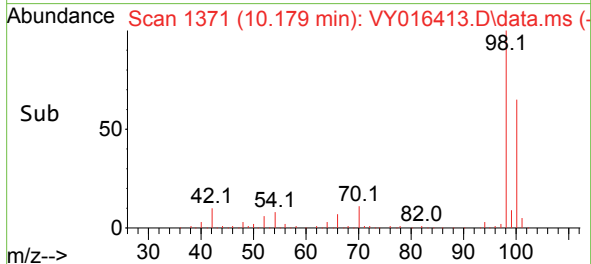
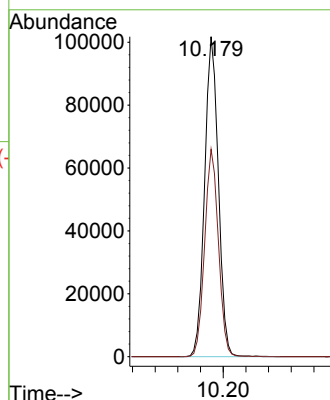
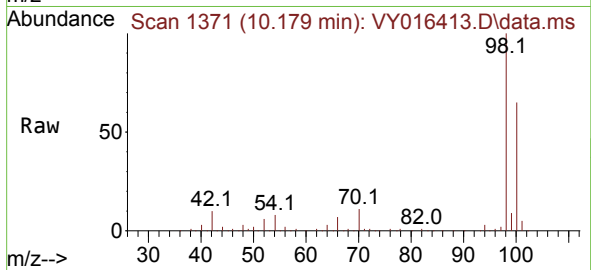




#50
Toluene-d8
Concen: 51.052 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

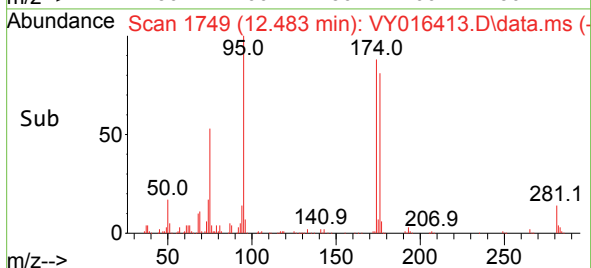
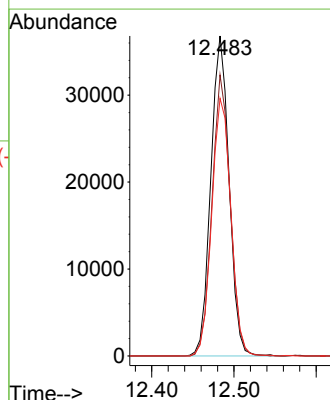
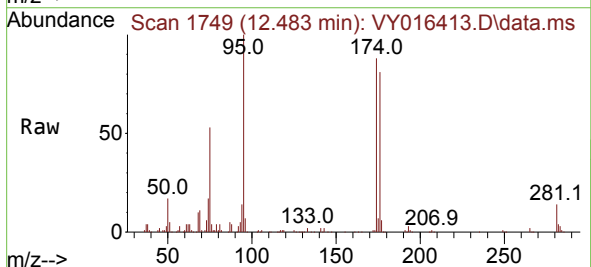
Instrument :
MSVOA_Y
ClientSampleId :

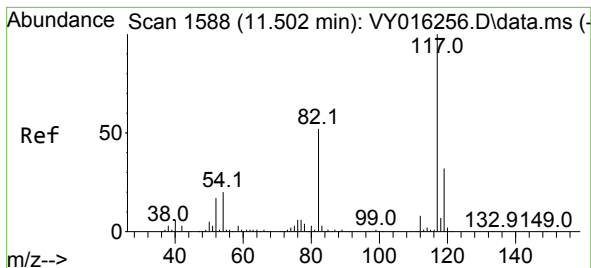
Tgt Ion: 98 Resp: 170997
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.240 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 95 Resp: 56830
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.2
176 84.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY016413.D

Acq: 17 Nov 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

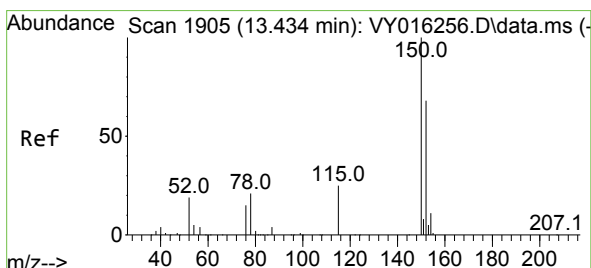
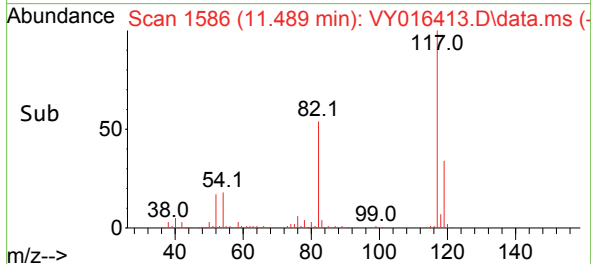
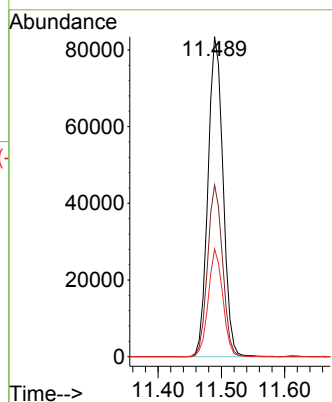
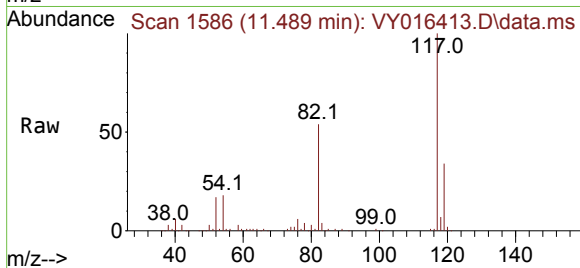
Tgt Ion:117 Resp: 138522

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 33.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016413.D

Acq: 17 Nov 2023 16:29

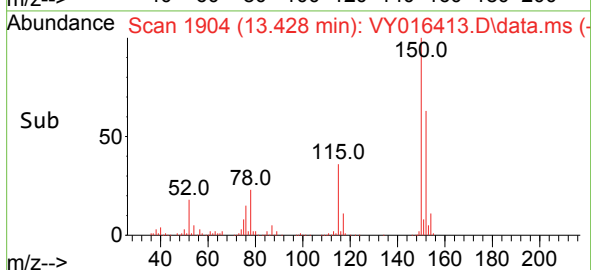
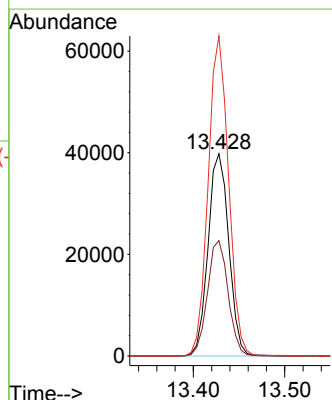
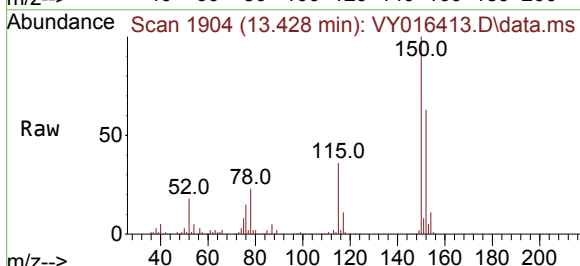
Tgt Ion:152 Resp: 62523

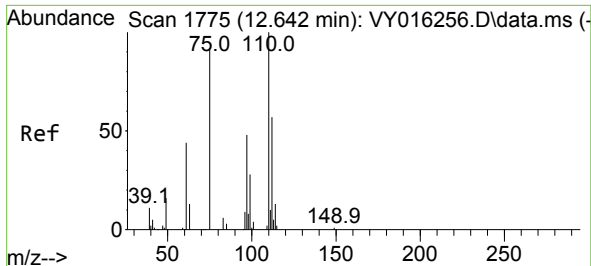
Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 155.8 0.0 348.8

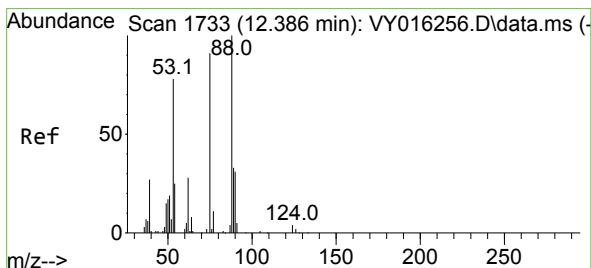
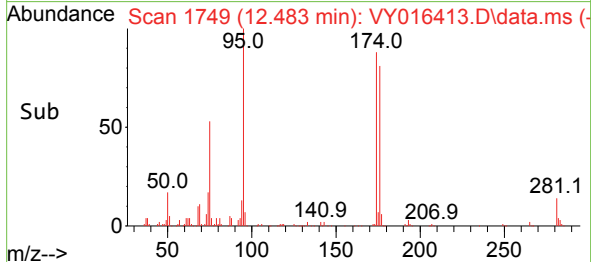
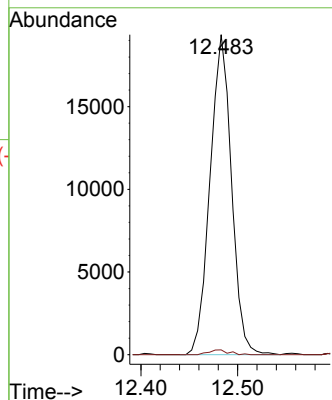
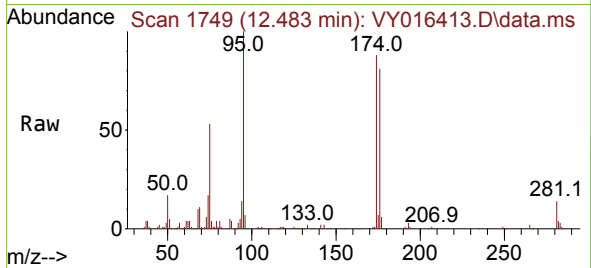




#76
1,2,3-Trichloropropane
Concen: 49.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29803
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.857 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016413.D
Acq: 17 Nov 2023 16:29

Tgt Ion: 75 Resp: 29803
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

