

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016288.D
 Acq On : 09 Nov 2023 17:44
 Operator : SY/MD
 Sample : 05311-16
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 23:01:58 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)

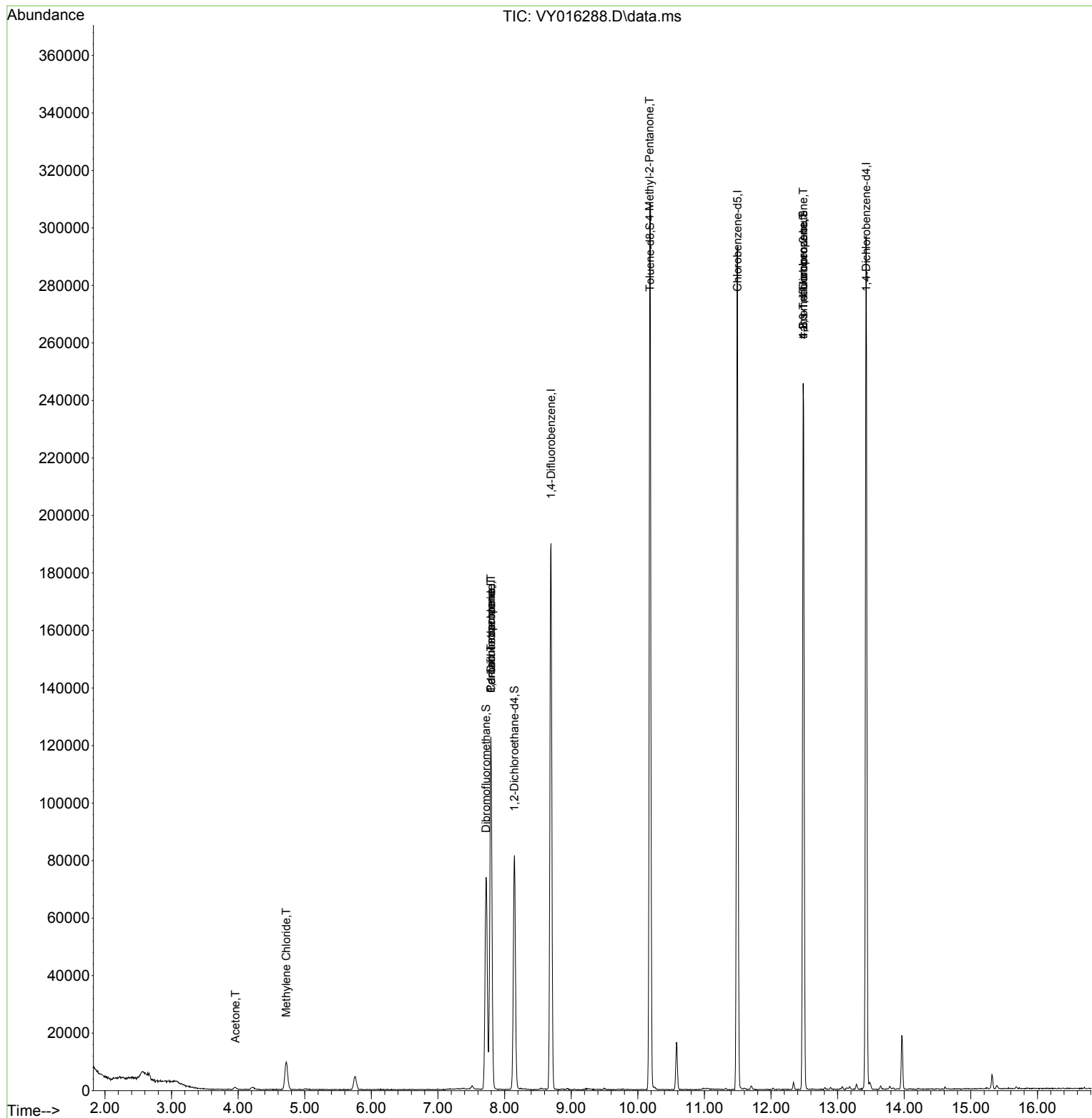
Internal Standards						
1) Pentafluorobenzene	7.795	168	95403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63240	72.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.060%	
35) Dibromofluoromethane	7.722	113	53190	55.027	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.060%	
50) Toluene-d8	10.185	98	201594	51.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.483	95	71525	56.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.360%	
Target Compounds						Qvalue
16) Acetone	3.960	43	1495	10.365	ug/l	95
20) Methylene Chloride	4.722	84	7395	4.060	ug/l #	86
36) 1,1-Dichloropropene	7.795	75	7229	4.307	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9580	5.499	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	759	1.145	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	36666	49.208	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36666	106.809	ug/l #	11

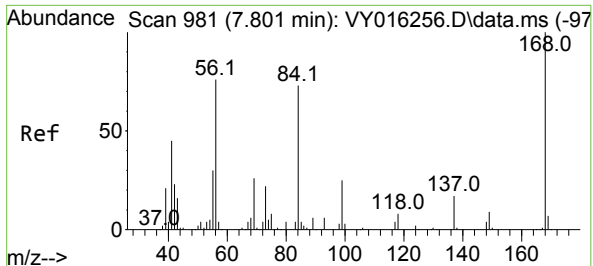
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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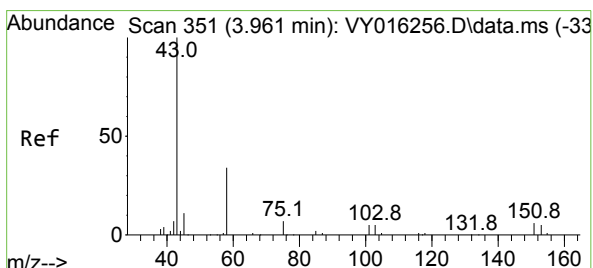
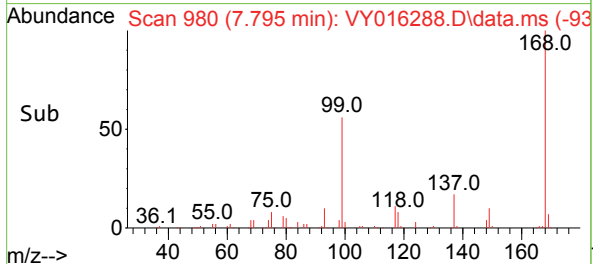
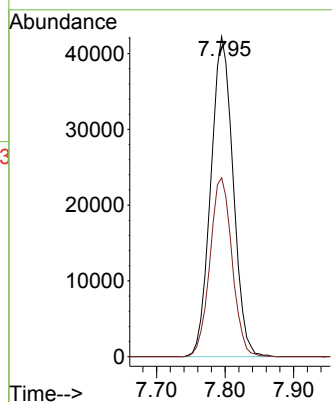
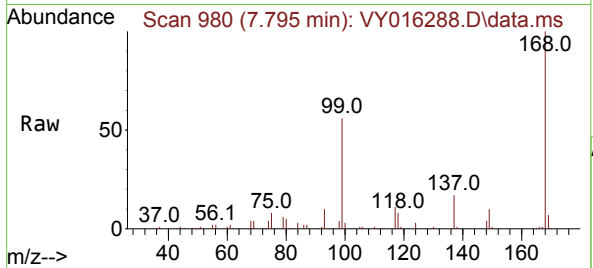




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

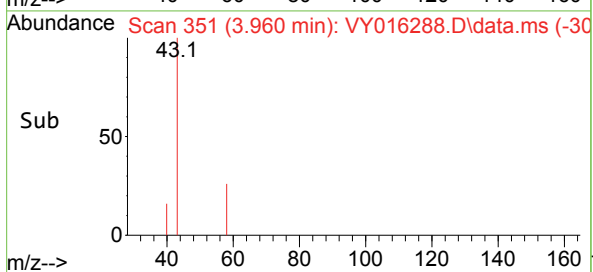
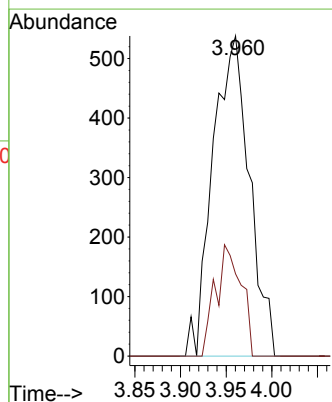
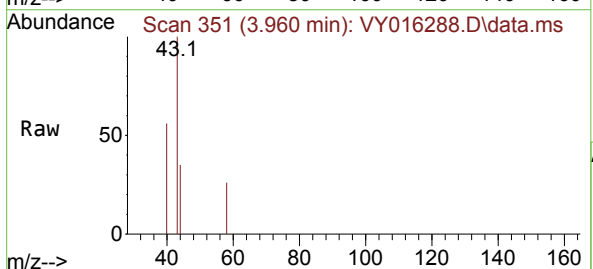
Instrument :
MSVOA_Y
ClientSampleId :

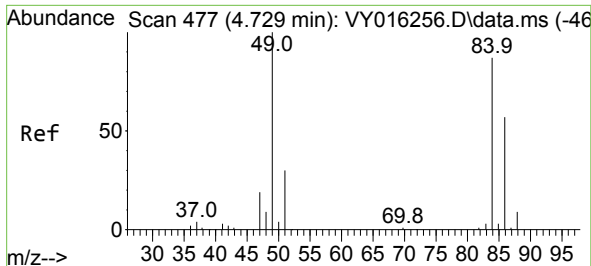
Tgt Ion:168 Resp: 95403
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#16
Acetone
Concen: 10.365 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

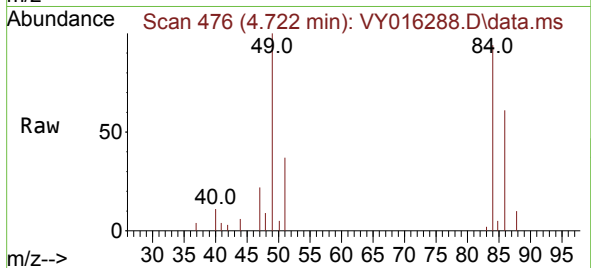
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 25.7 22.7 34.1



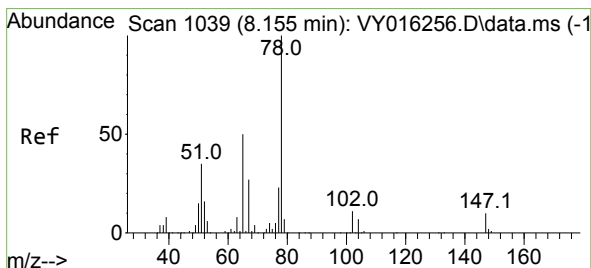
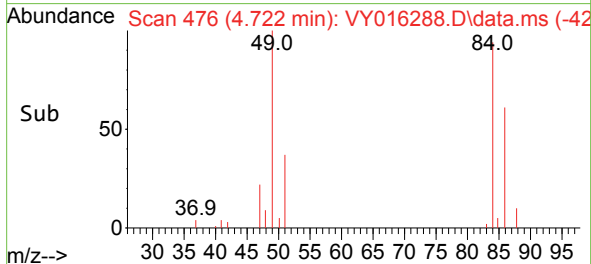
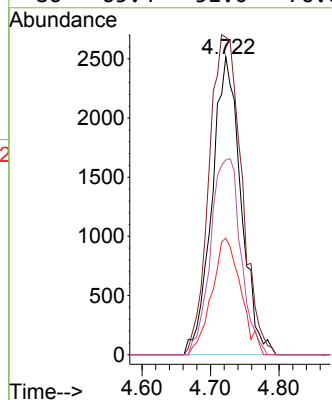


#20
Methylene Chloride
Concen: 4.060 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

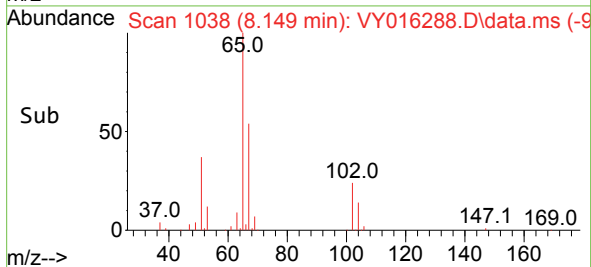
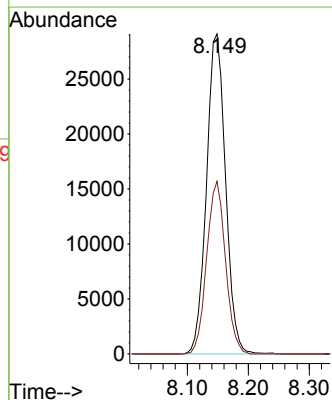
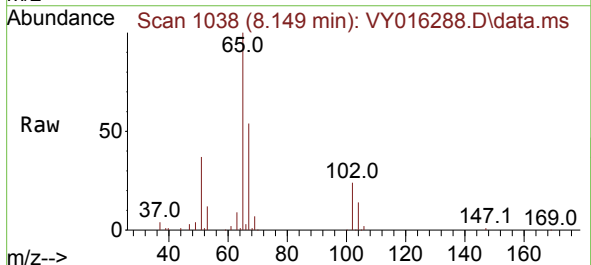


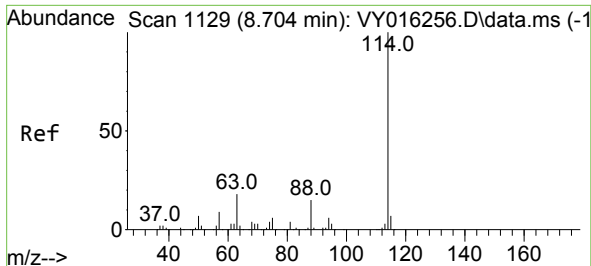
Tgt Ion: 84 Resp: 7395
Ion Ratio Lower Upper
84 100
49 106.6 106.9 160.3#
51 39.1 33.2 49.8
86 65.4 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 72.527 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

Tgt Ion: 65 Resp: 63240
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016288.D

Acq: 09 Nov 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

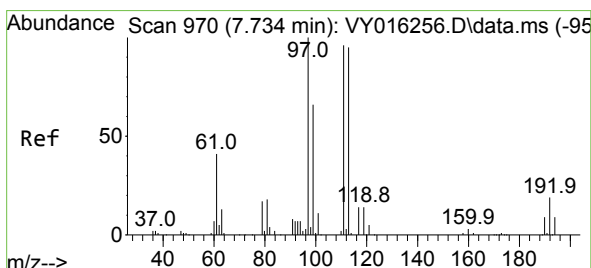
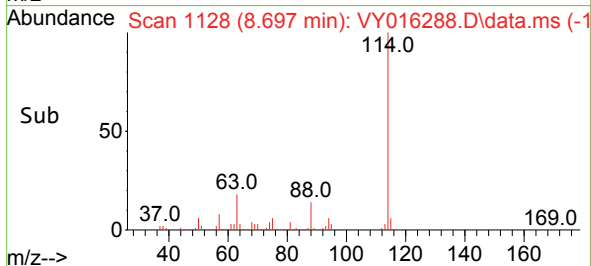
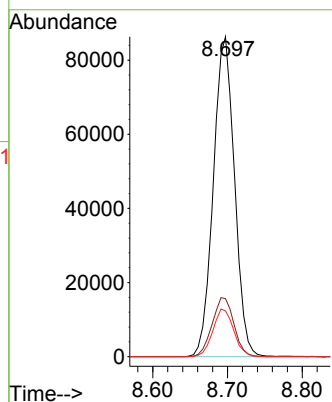
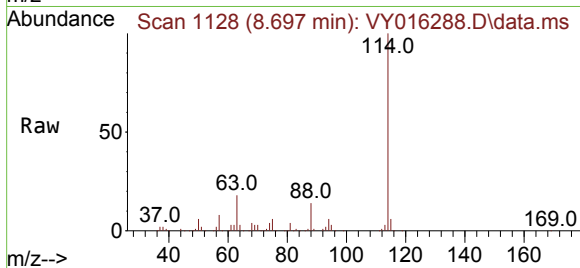
Tgt Ion:114 Resp: 170160

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.027 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016288.D

Acq: 09 Nov 2023 17:44

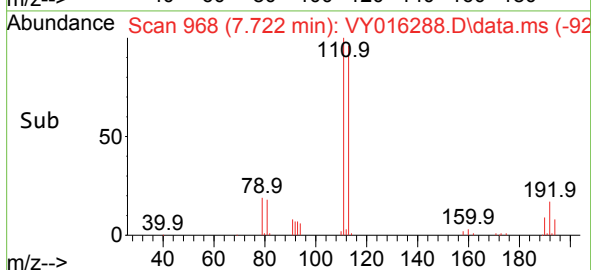
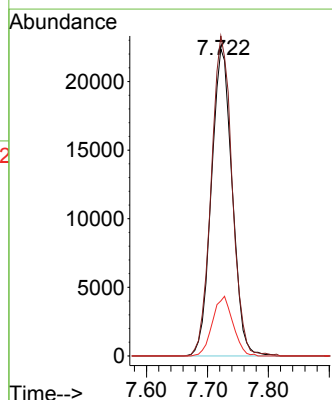
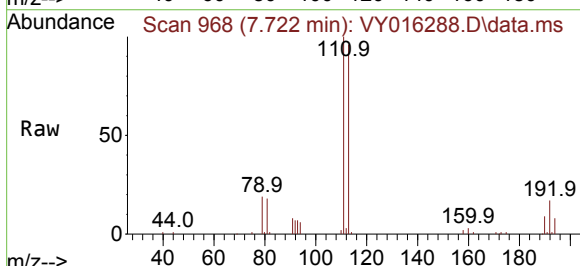
Tgt Ion:113 Resp: 53190

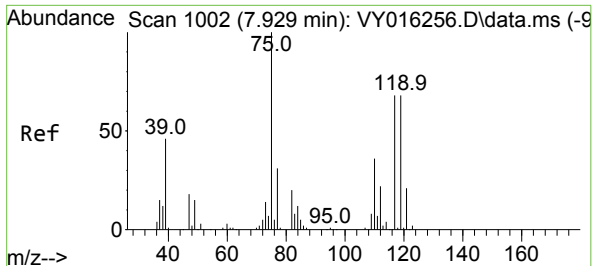
Ion Ratio Lower Upper

113 100

111 104.7 81.3 121.9

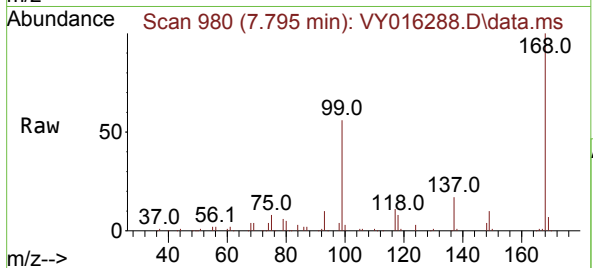
192 19.1 16.9 25.3



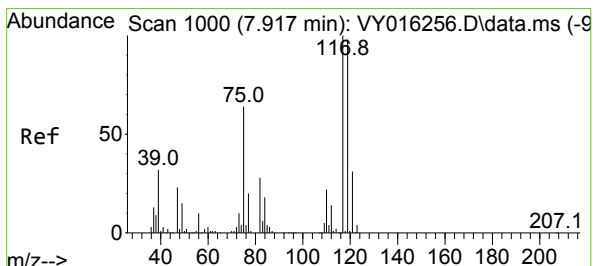
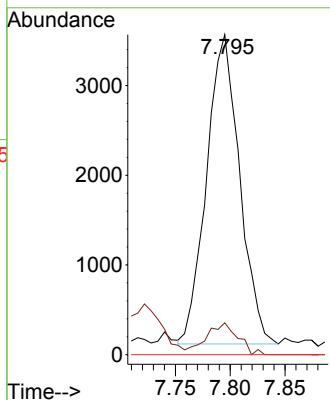
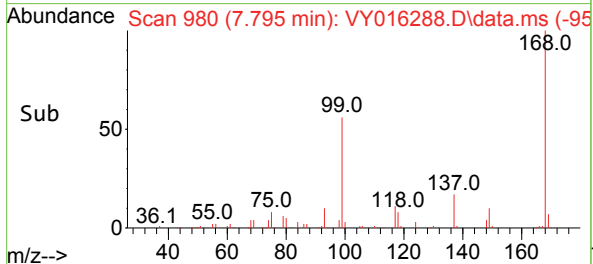


#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

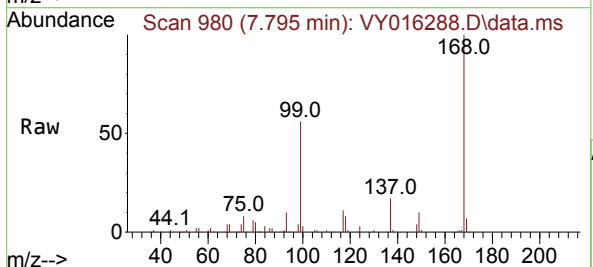
Instrument :
MSVOA_Y
ClientSampleId :



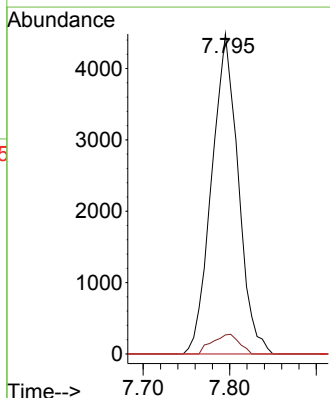
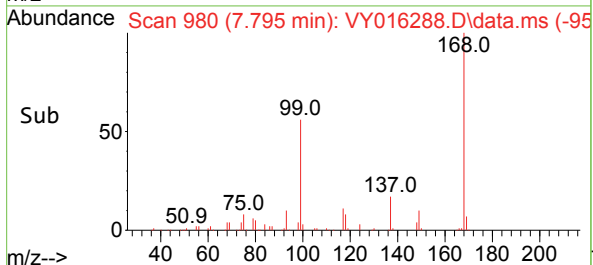
Tgt Ion: 75 Resp: 7229
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#

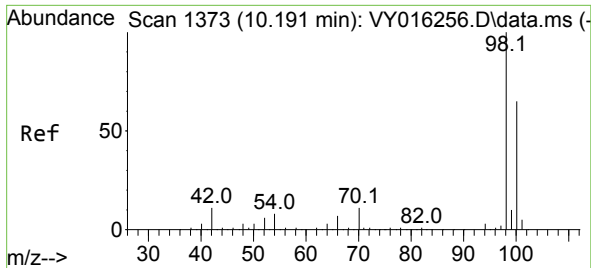


#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44



Tgt Ion: 117 Resp: 9580
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#

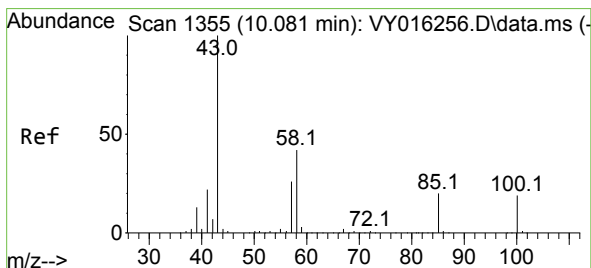
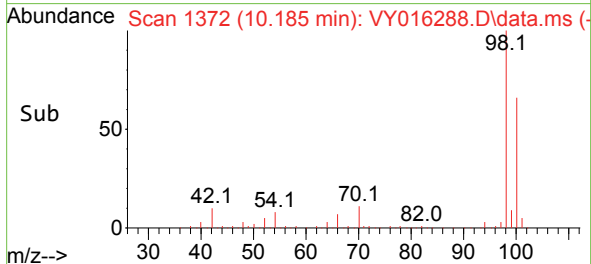
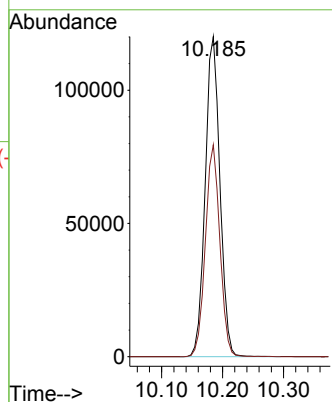
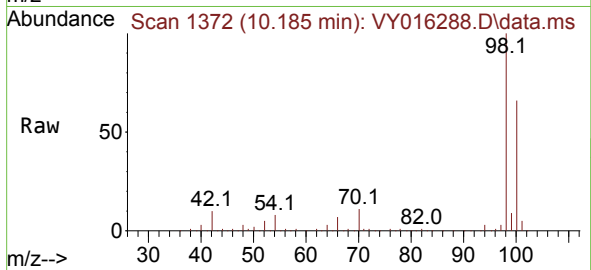




#50
Toluene-d8
Concen: 51.429 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

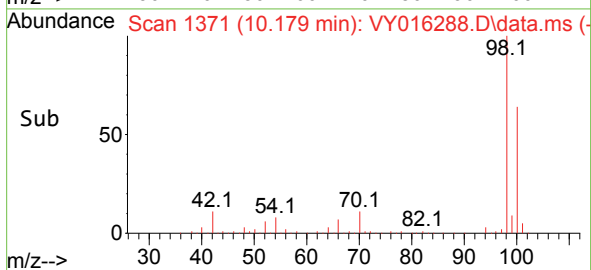
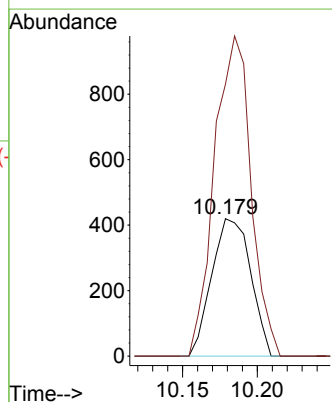
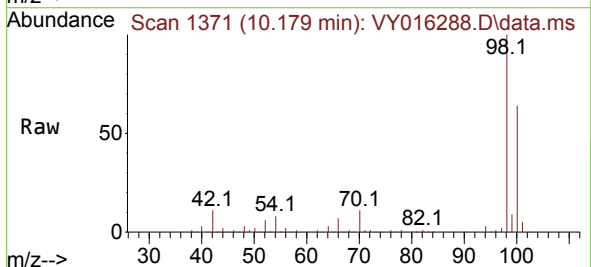
Instrument :
MSVOA_Y
ClientSampleId :

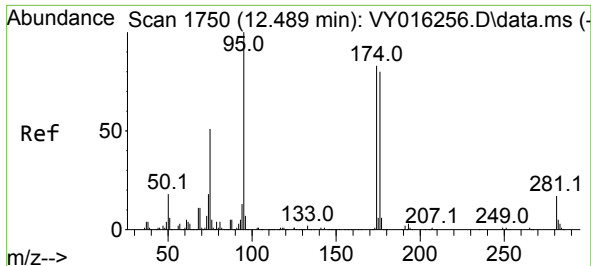
Tgt Ion: 98 Resp: 201594
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.145 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.097 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 218.6 29.0 43.6#

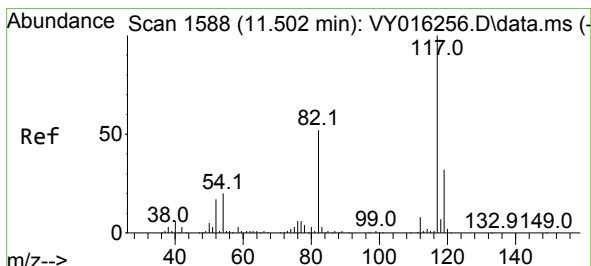
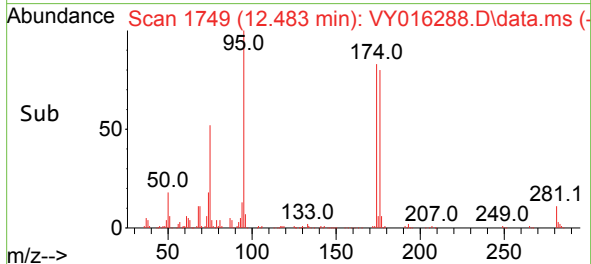
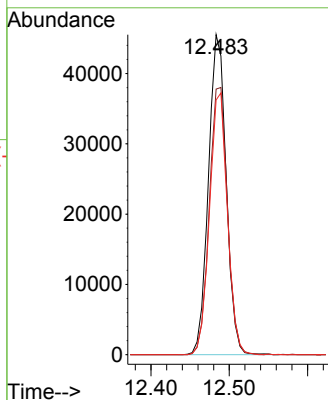
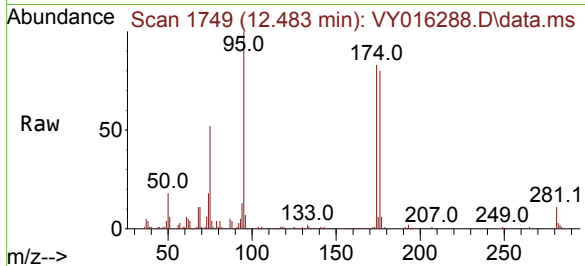




#62
4-Bromofluorobenzene
Concen: 56.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

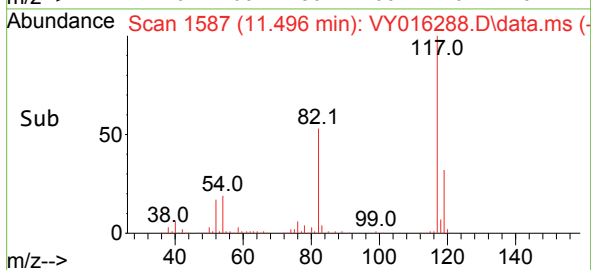
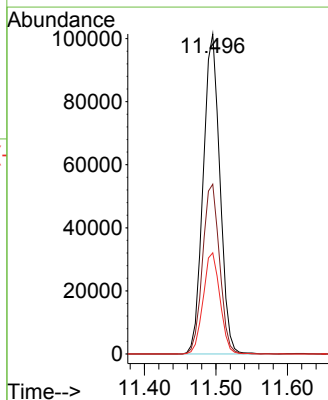
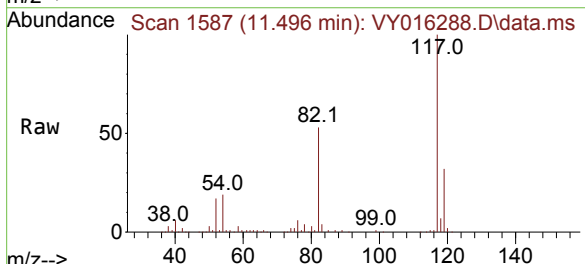
Instrument :
MSVOA_Y
ClientSampleId :

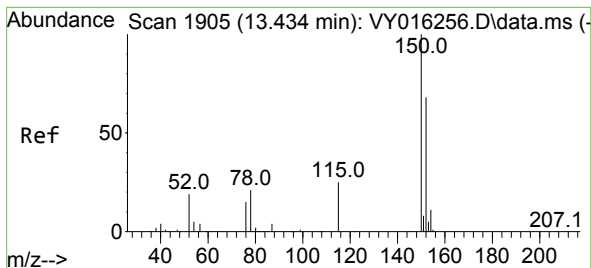
Tgt Ion: 95 Resp: 71525
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016288.D
Acq: 09 Nov 2023 17:44

Tgt Ion: 117 Resp: 164668
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.6 26.3 39.5

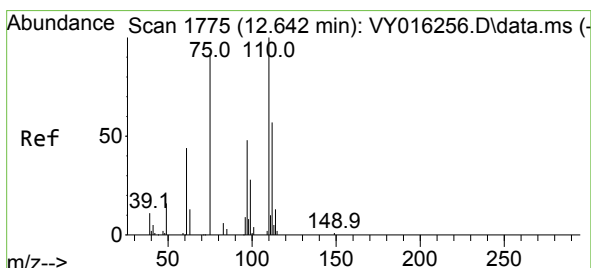
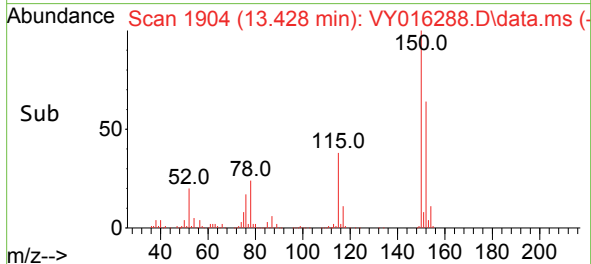
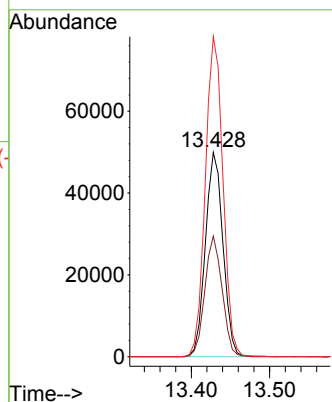
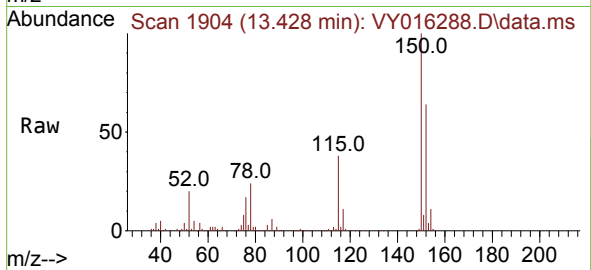




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1905
 Delta R.T. -0.006 min
 Lab File: VY016288.D
 Acq: 09 Nov 2023 17:44

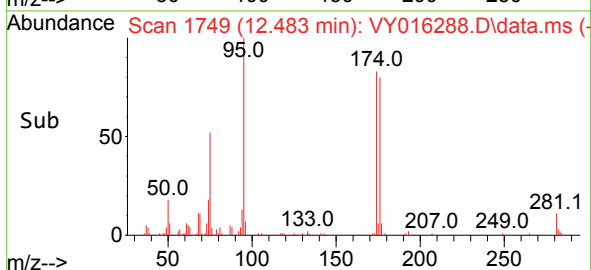
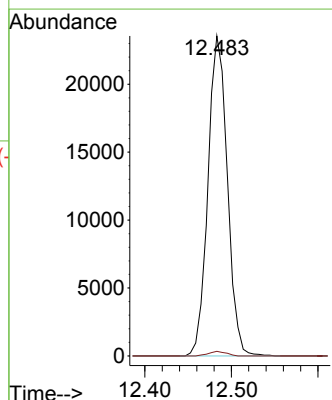
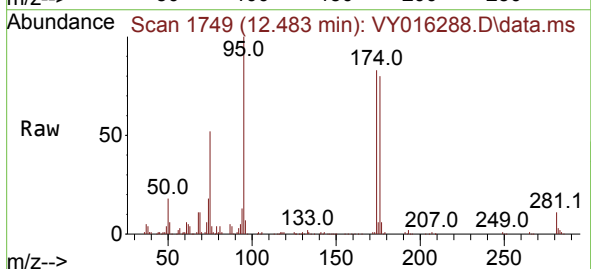
Instrument :
 MSVOA_Y
 ClientSampleId :

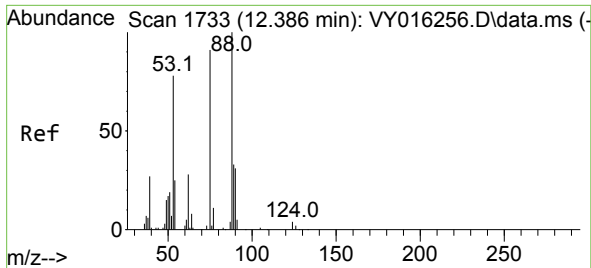
Tgt Ion:152 Resp: 77675
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 156.9 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 49.208 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.159 min
 Lab File: VY016288.D
 Acq: 09 Nov 2023 17:44

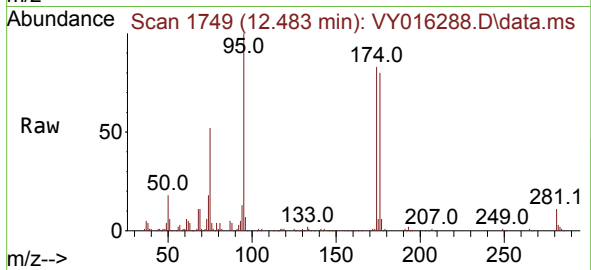
Tgt Ion: 75 Resp: 36666
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.809 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY016288.D
 Acq: 09 Nov 2023 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.4	37.4	56.0#

