

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016287.D
 Acq On : 09 Nov 2023 17:21
 Operator : SY/MD
 Sample : 05311-13
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 23:01:37 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)

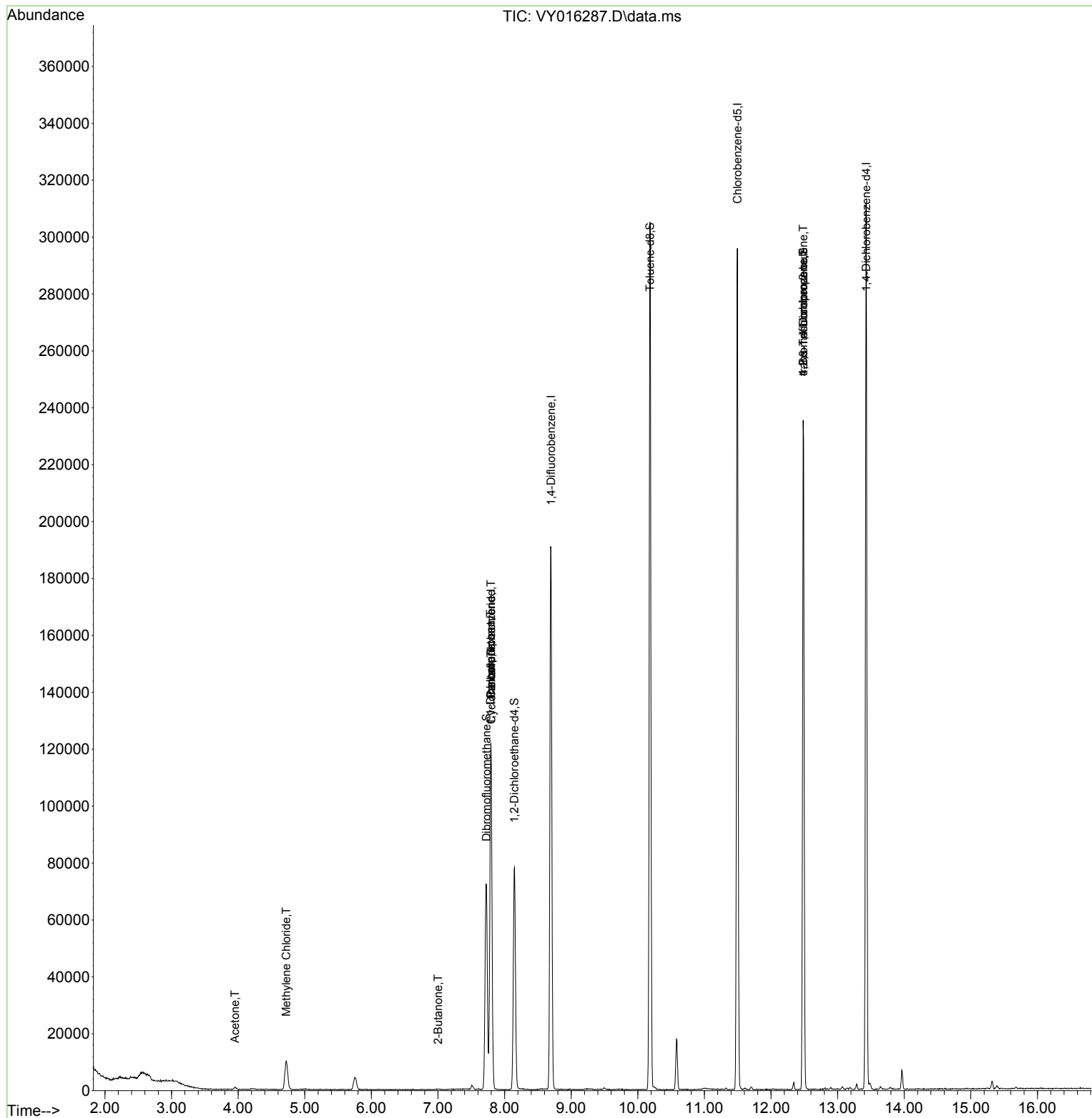
Internal Standards						
1) Pentafluorobenzene	7.795	168	94638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	165280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61800	71.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.900%	
35) Dibromofluoromethane	7.728	113	52913	54.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.185	98	203051	51.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	12.483	95	72606	56.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.920%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1404	9.813	ug/l #	87
20) Methylene Chloride	4.722	84	7848	4.604	ug/l	84
25) 2-Butanone	7.003	43	345	1.377	ug/l #	49
31) Cyclohexane	7.801	56	1850	1.086	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	7371	4.348	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9283	5.276	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	37325	49.760	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37325	108.007	ug/l #	11

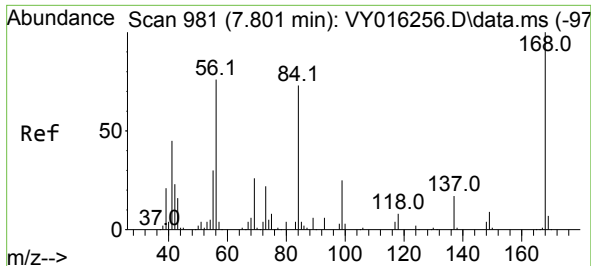
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

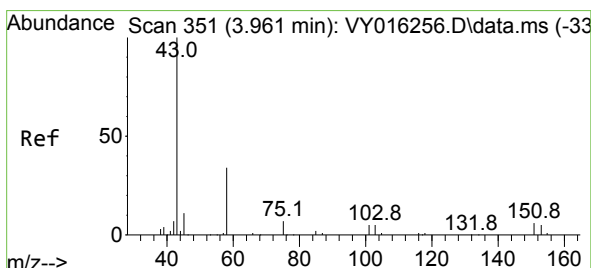
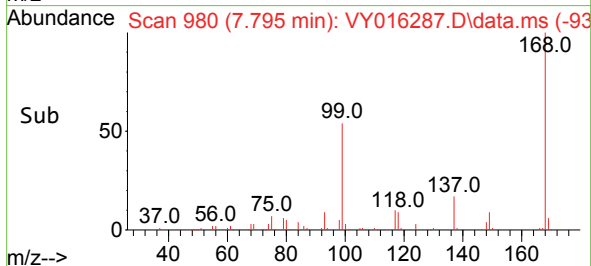
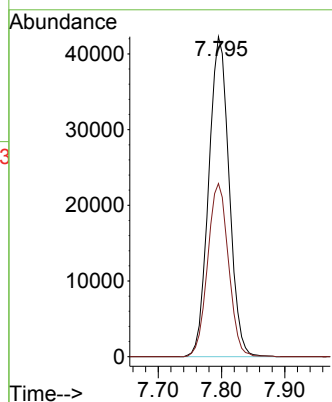
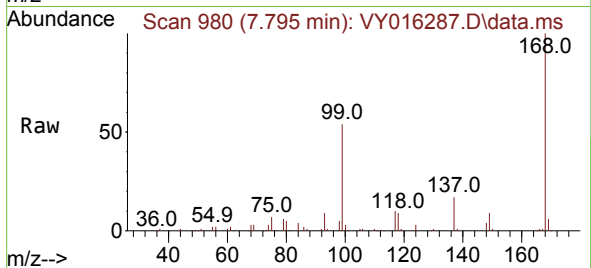




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

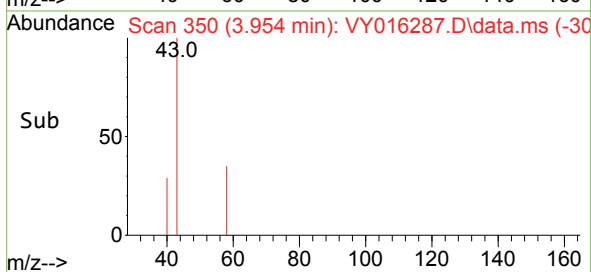
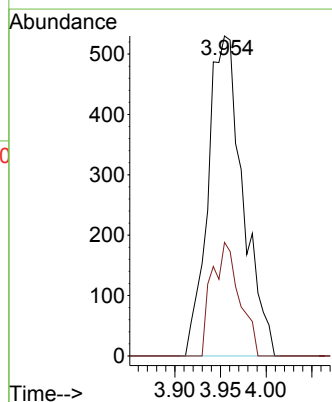
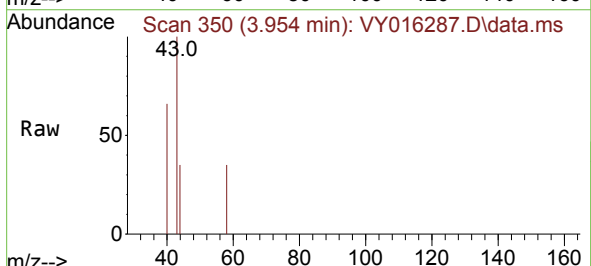
Instrument :
MSVOA_Y
ClientSampleId :

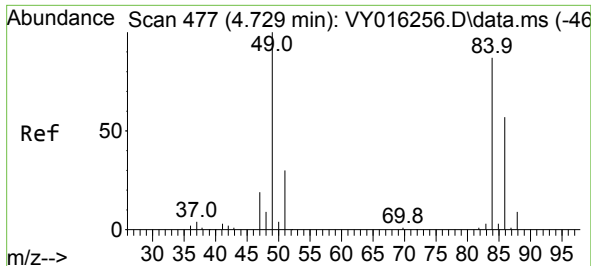
Tgt Ion:168 Resp: 94638
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#16
Acetone
Concen: 9.813 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

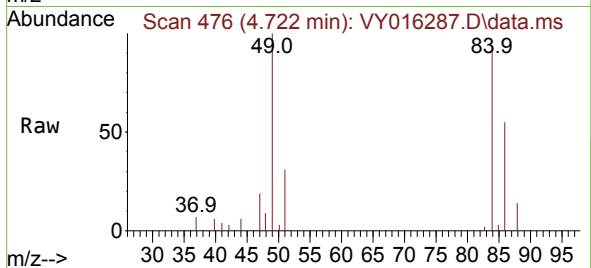
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 35.5 22.7 34.1#





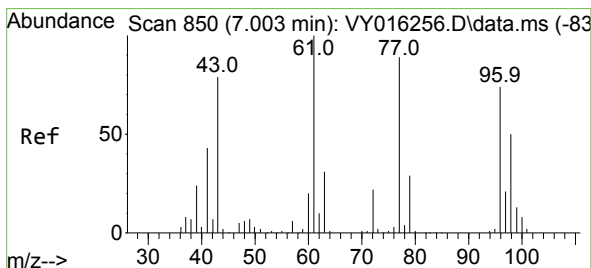
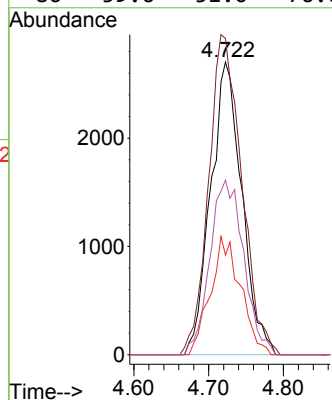
#20
Methylene Chloride
Concen: 4.604 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7848

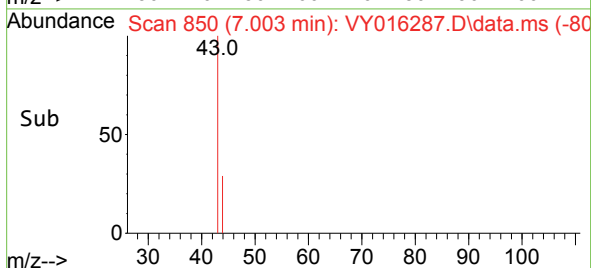
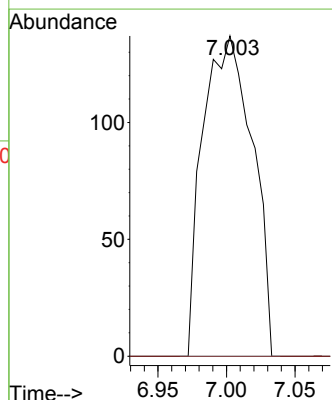
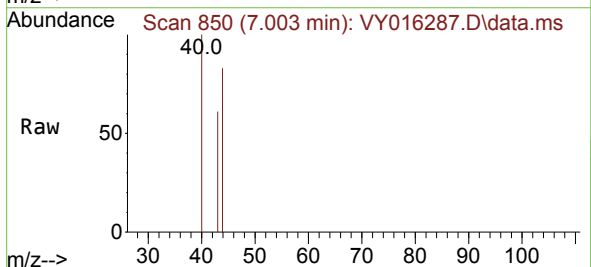
Ion	Ratio	Lower	Upper
84	100		
49	108.0	106.9	160.3
51	34.0	33.2	49.8
86	59.6	51.0	76.6

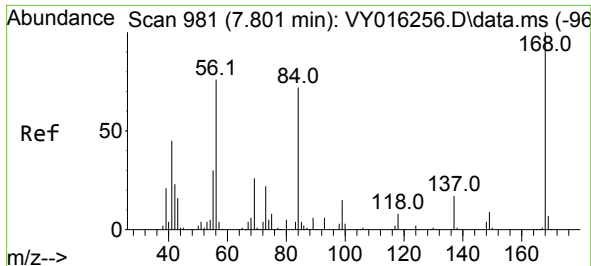


#25
2-Butanone
Concen: 1.377 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Tgt Ion: 43 Resp: 345

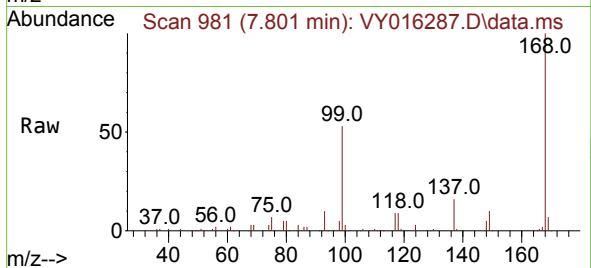
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#



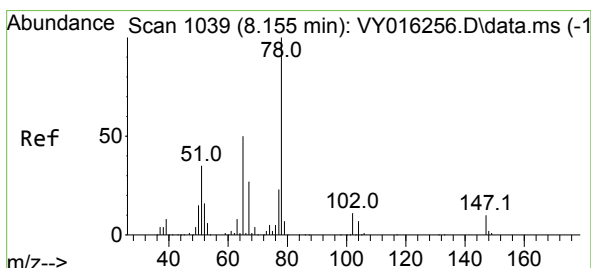
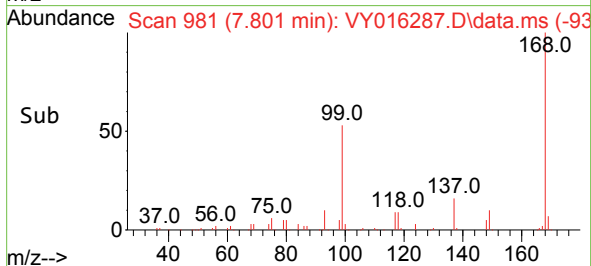
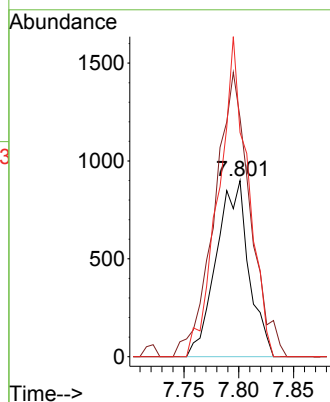


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :

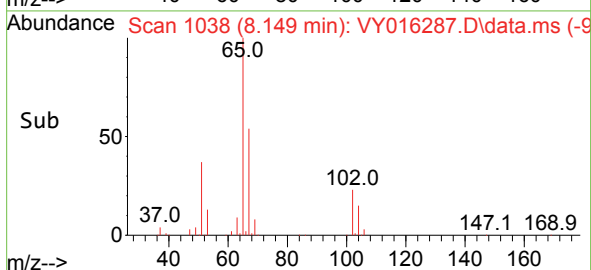
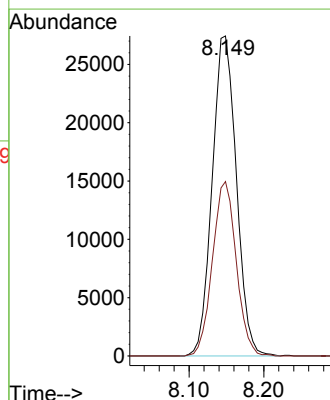
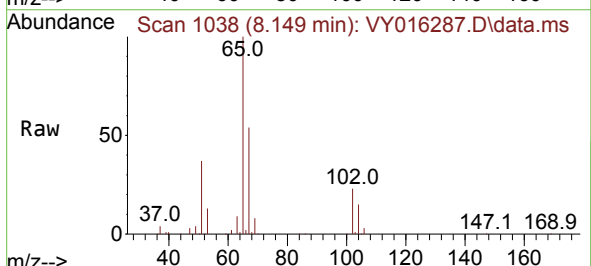


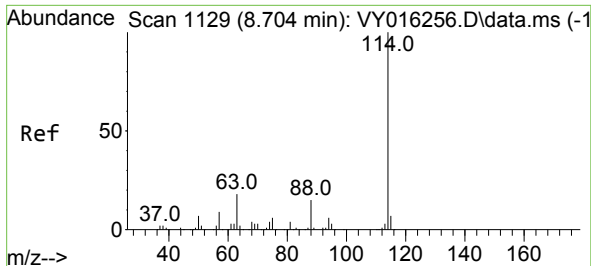
Tgt Ion: 56 Resp: 1850
Ion Ratio Lower Upper
56 100
69 128.9 27.8 41.6#
84 127.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 71.449 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Tgt Ion: 65 Resp: 61800
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY016287.D

Acq: 09 Nov 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

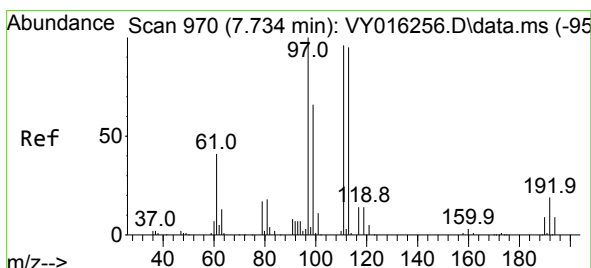
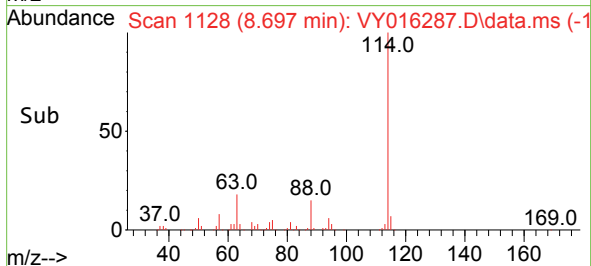
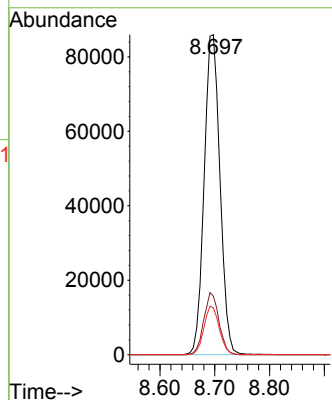
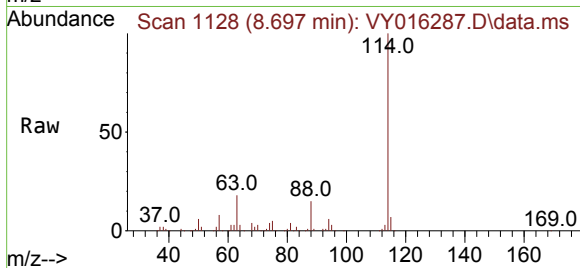
Tgt Ion:114 Resp: 171865

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.197 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016287.D

Acq: 09 Nov 2023 17:21

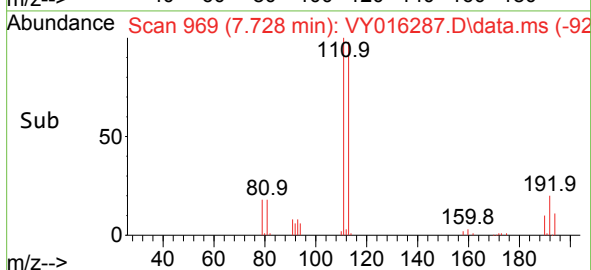
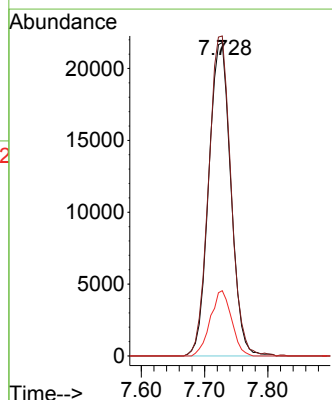
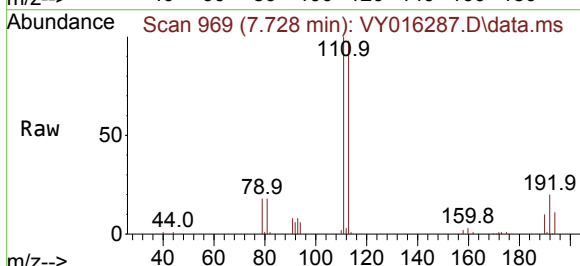
Tgt Ion:113 Resp: 52913

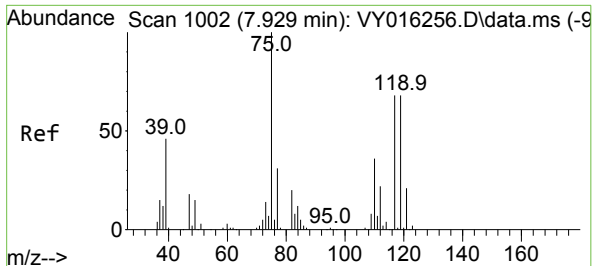
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 20.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.348 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.140 min

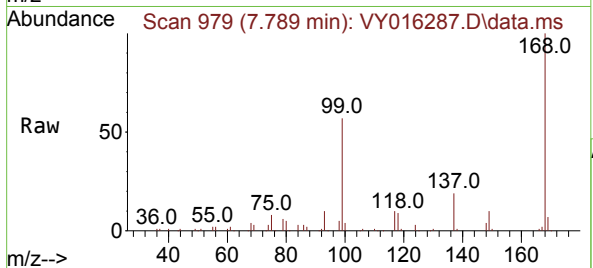
Lab File: VY016287.D

Acq: 09 Nov 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :



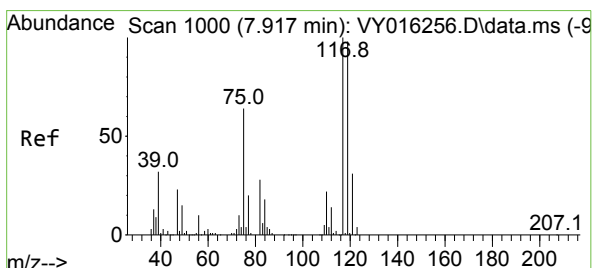
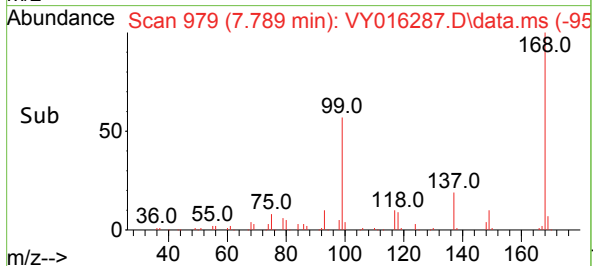
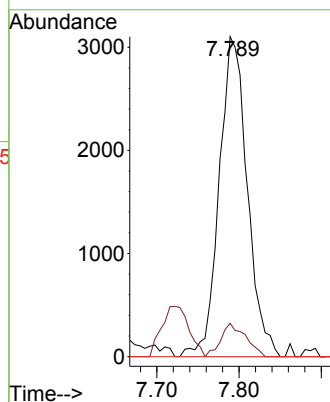
Tgt Ion: 75 Resp: 7371

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.276 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY016287.D

Acq: 09 Nov 2023 17:21

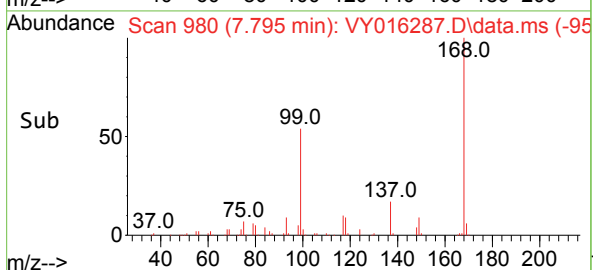
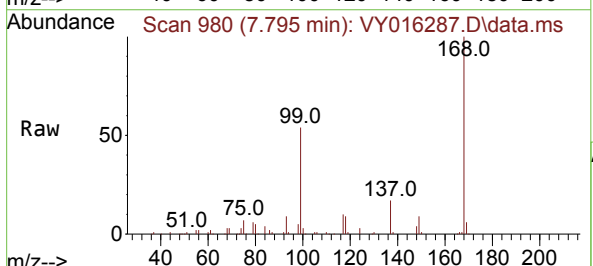
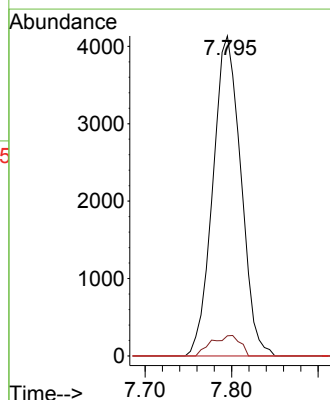
Tgt Ion: 117 Resp: 9283

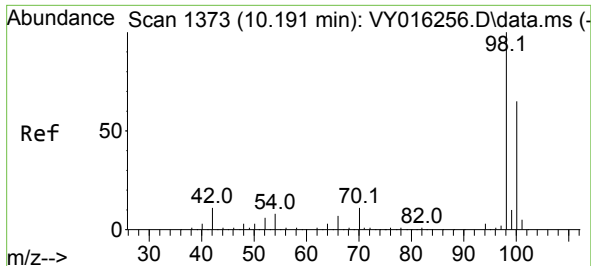
Ion Ratio Lower Upper

117 100

119 6.3 76.4 114.6#

121 0.0 25.8 38.6#

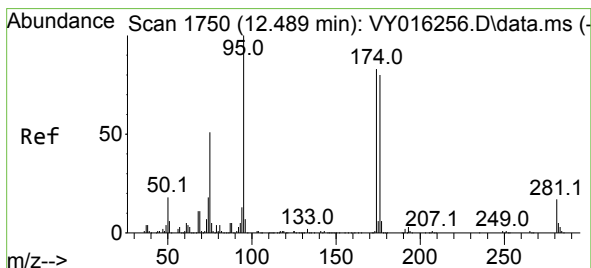
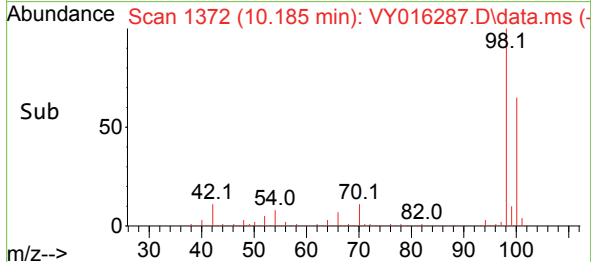
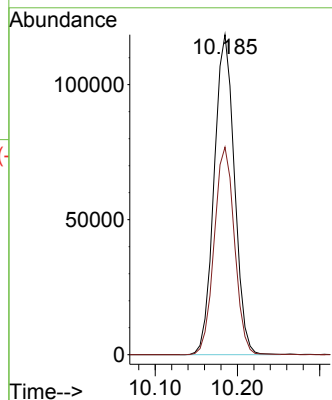
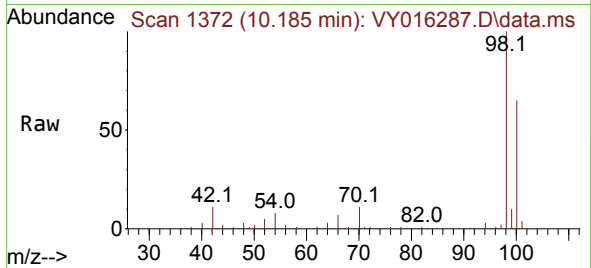




#50
Toluene-d8
Concen: 51.287 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

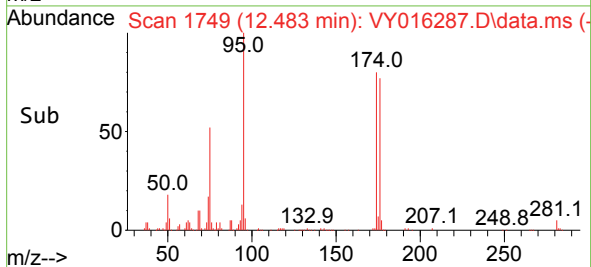
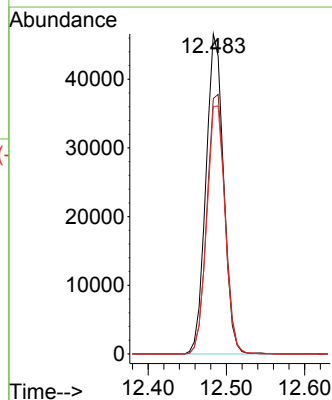
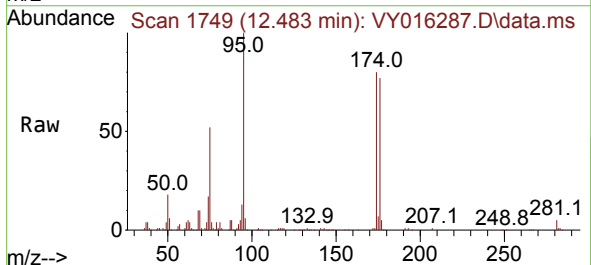
Instrument :
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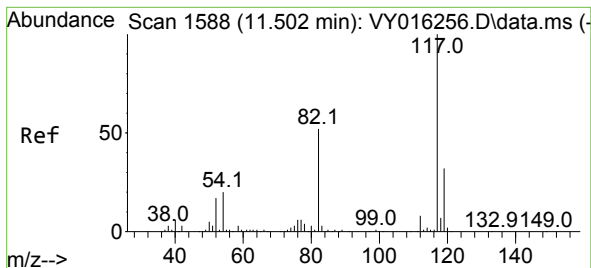
Tgt Ion: 98 Resp: 203051
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Tgt Ion: 95 Resp: 72606
Ion Ratio Lower Upper
95 100
174 84.0 0.0 178.2
176 80.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

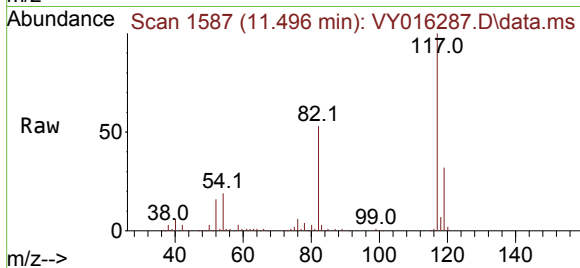
Lab File: VY016287.D

Acq: 09 Nov 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :



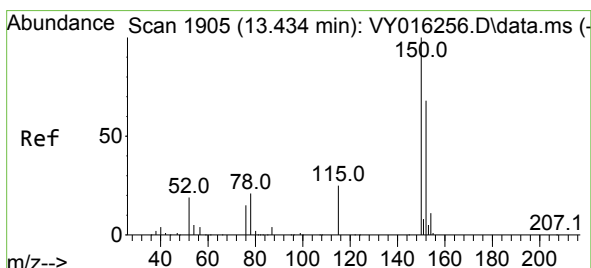
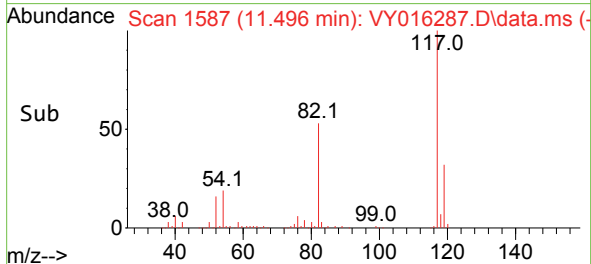
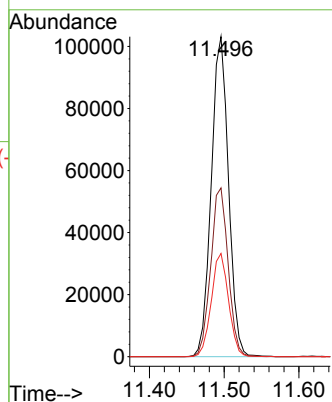
Tgt Ion:117 Resp: 165280

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.3 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: VY016287.D

Acq: 09 Nov 2023 17:21

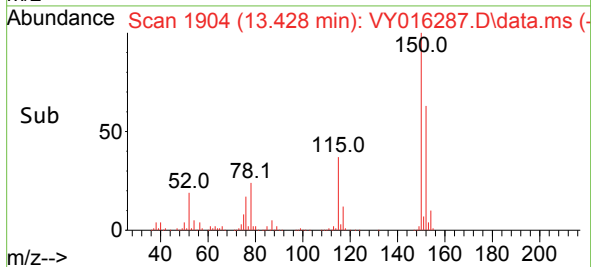
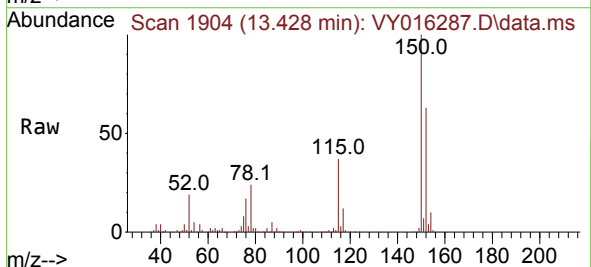
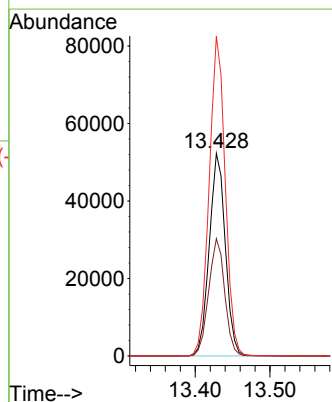
Tgt Ion:152 Resp: 78194

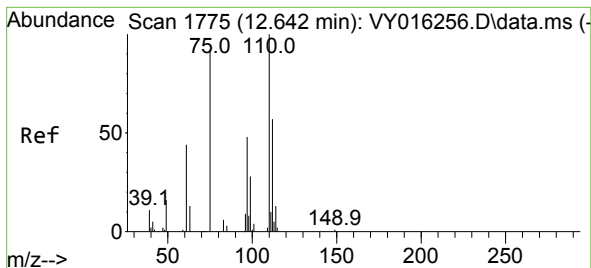
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 157.5 0.0 348.8

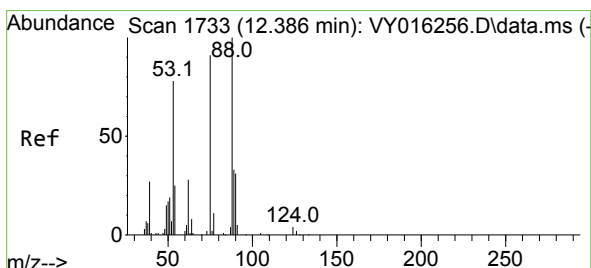
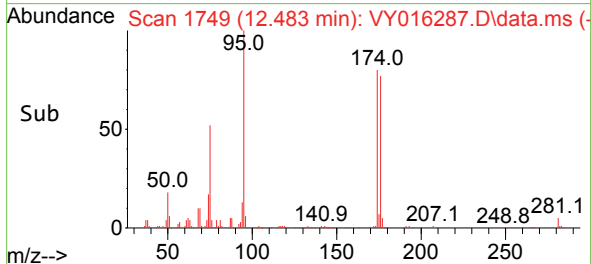
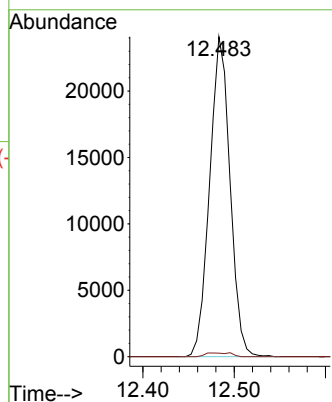
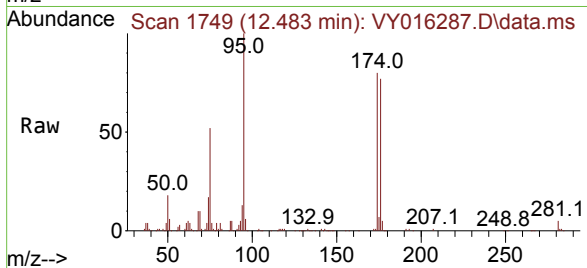




#76
1,2,3-Trichloropropane
Concen: 49.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37325
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.007 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016287.D
Acq: 09 Nov 2023 17:21

Tgt Ion: 75 Resp: 37325
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

