

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016285.D
 Acq On : 09 Nov 2023 16:34
 Operator : SY/MD
 Sample : 05311-07
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 23:00:55 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)

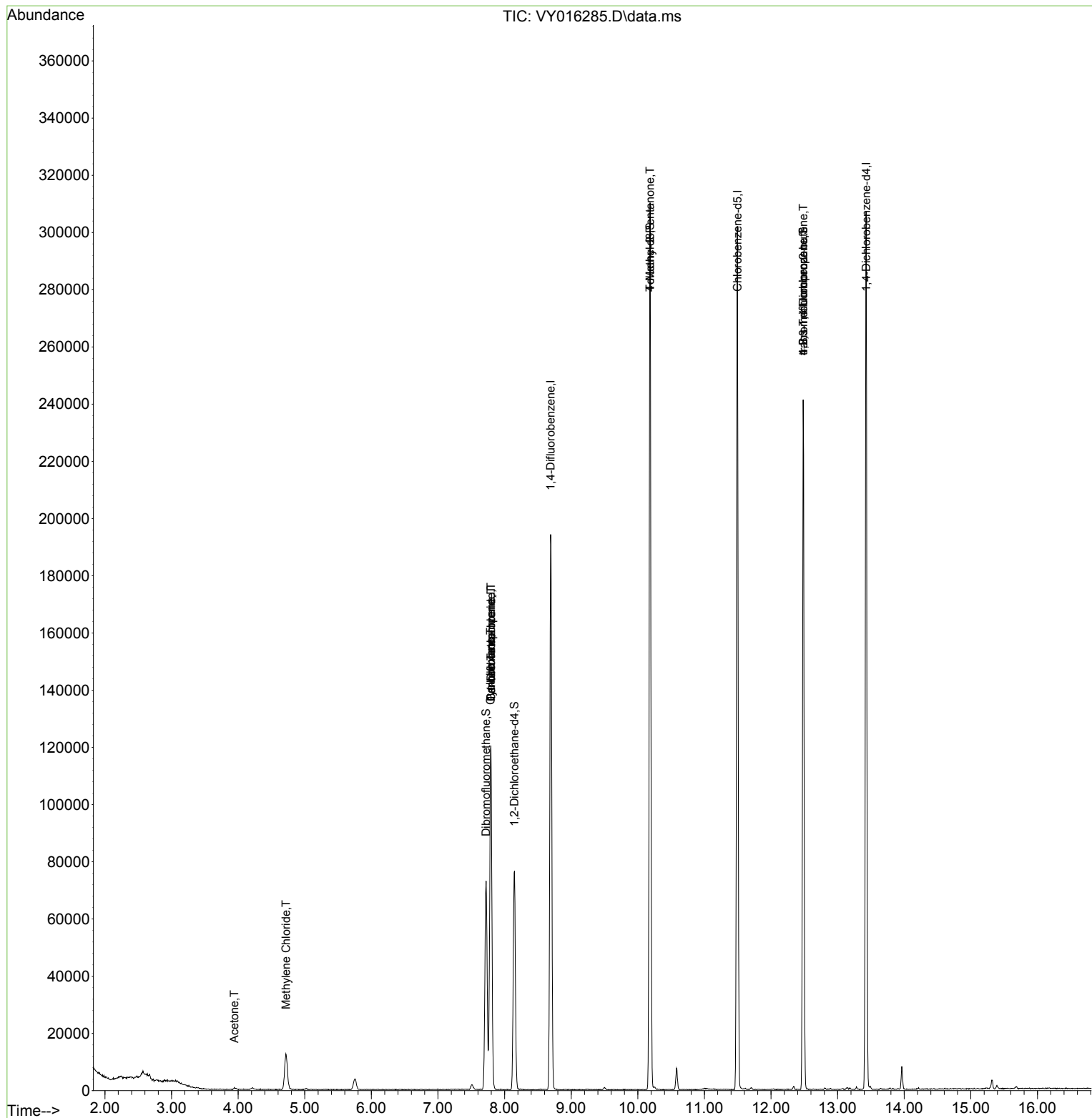
Internal Standards						
1) Pentafluorobenzene	7.795	168	96494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172704	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	166253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60974	69.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.280%	
35) Dibromofluoromethane	7.722	113	53202	54.229	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.460%	
50) Toluene-d8	10.185	98	204347	51.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.483	95	71178	55.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	663	4.545	ug/l	91
20) Methylene Chloride	4.716	84	10057	6.748	ug/l	86
31) Cyclohexane	7.789	56	1811	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7643	4.487	ug/l #	49
38) Carbon Tetrachloride	7.795	117	9391	5.312	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	864	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	36932	48.484	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36932	105.238	ug/l #	10

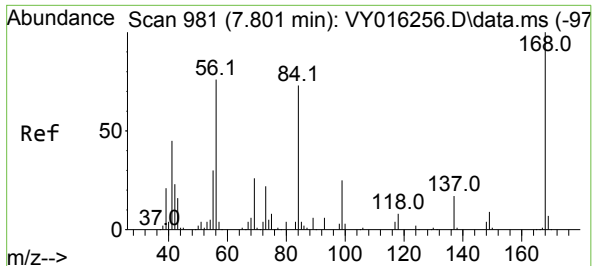
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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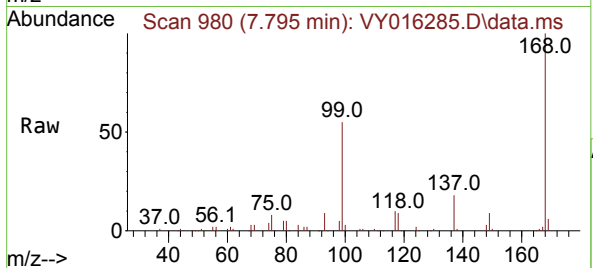
Quant Time: Nov 09 23:00:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
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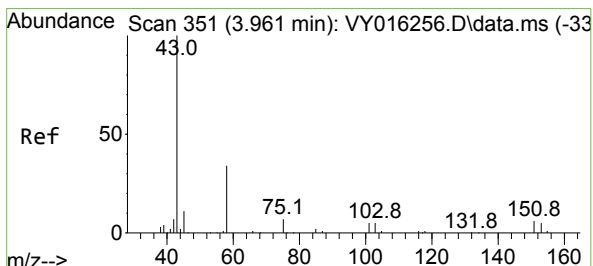
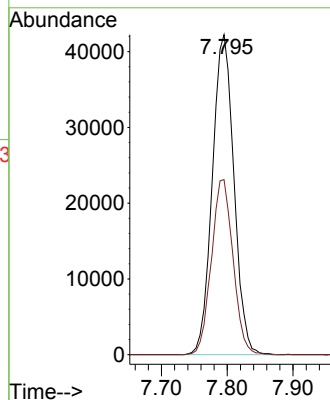
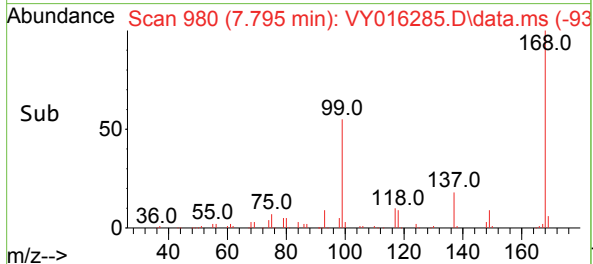


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :

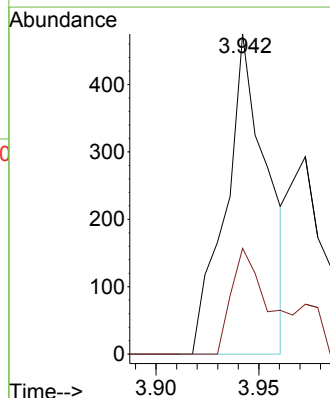
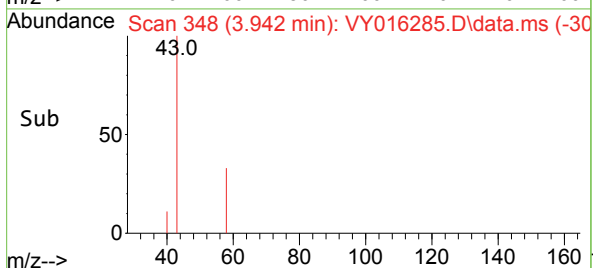
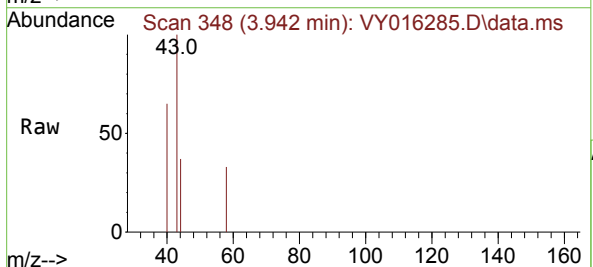


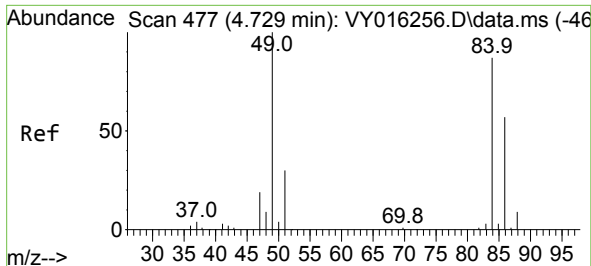
Tgt Ion:168 Resp: 96494
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#16
Acetone
Concen: 4.545 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1





#20

Methylene Chloride

Concen: 6.748 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.013 min

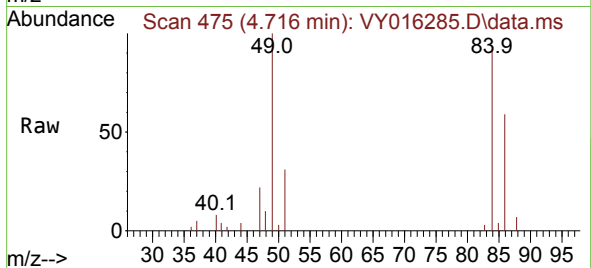
Lab File: VY016285.D

Acq: 09 Nov 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 10057

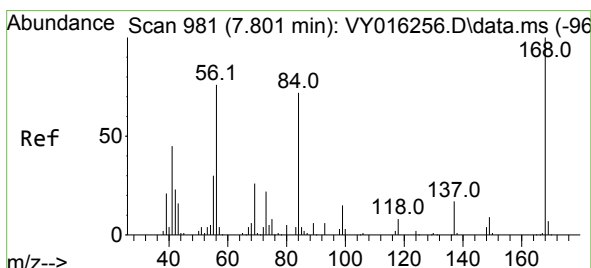
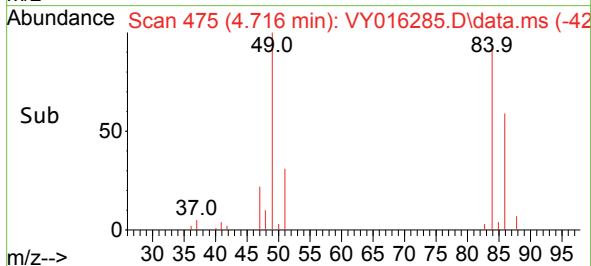
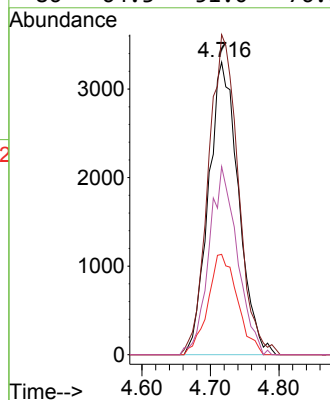
Ion Ratio Lower Upper

84 100

49 109.4 106.9 160.3

51 34.3 33.2 49.8

86 64.3 51.0 76.6



#31

Cyclohexane

Concen: 1.043 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.012 min

Lab File: VY016285.D

Acq: 09 Nov 2023 16:34

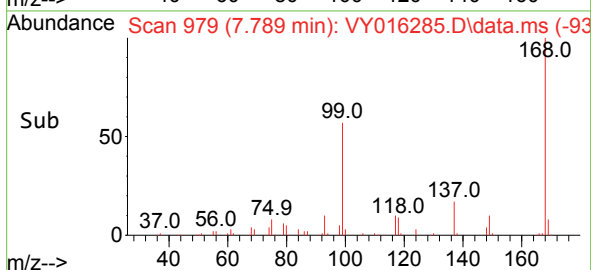
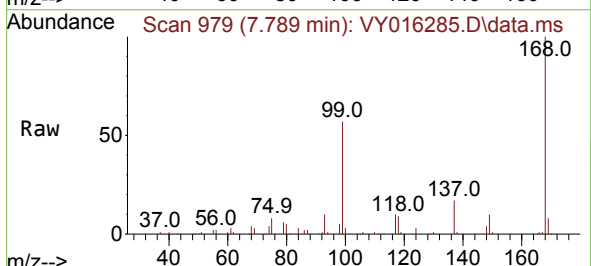
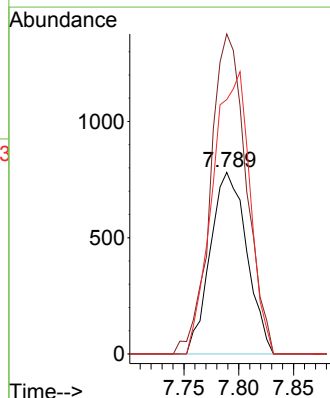
Tgt Ion: 56 Resp: 1811

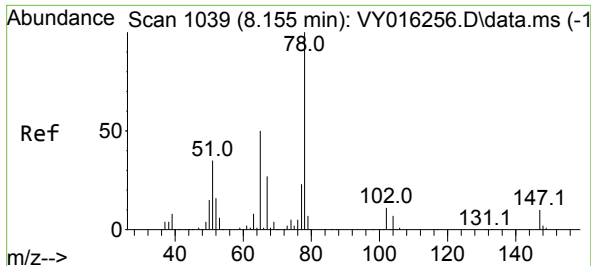
Ion Ratio Lower Upper

56 100

69 176.2 27.8 41.6#

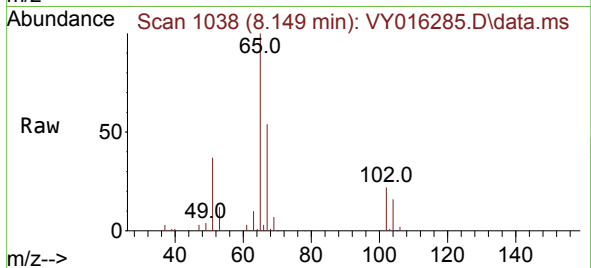
84 140.1 66.4 99.6#



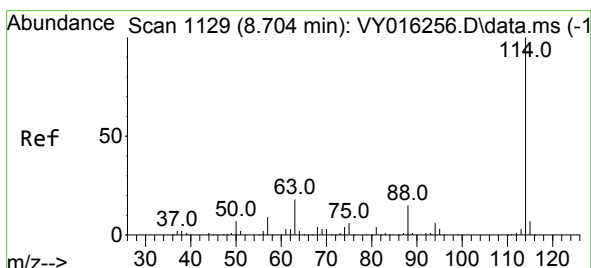
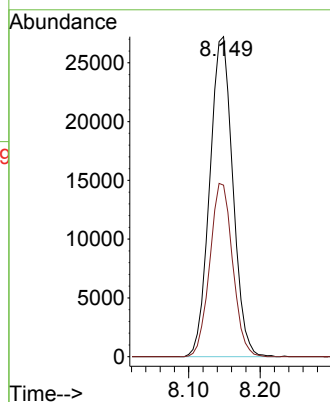
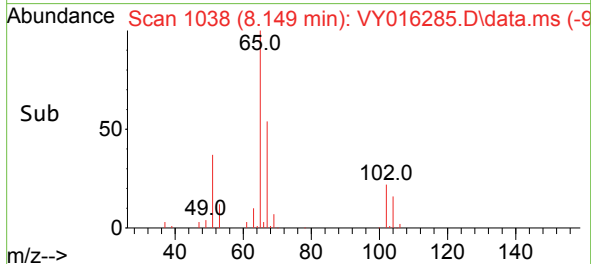


#33
 1,2-Dichloroethane-d4
 Concen: 69.138 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY016285.D
 Acq: 09 Nov 2023 16:34

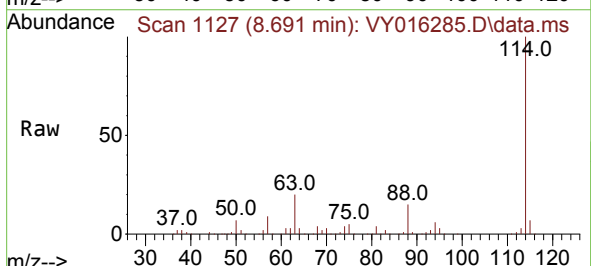
Instrument :
 MSVOA_Y
 ClientSampleId :



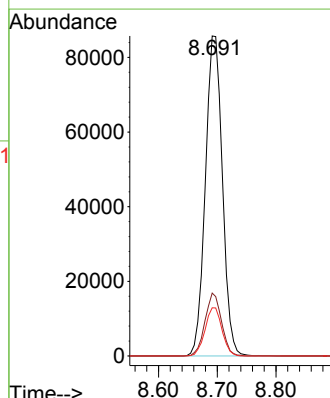
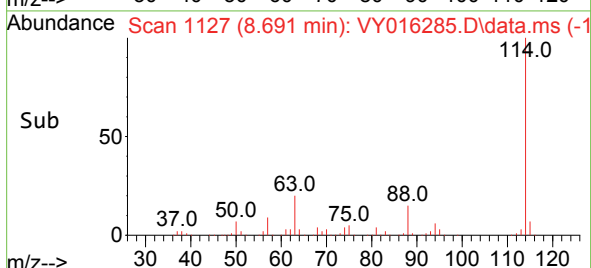
Tgt Ion: 65 Resp: 60974
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 101.8

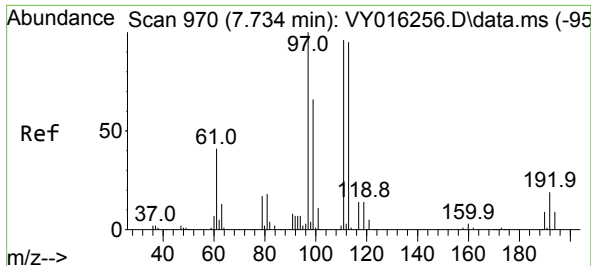


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016285.D
 Acq: 09 Nov 2023 16:34



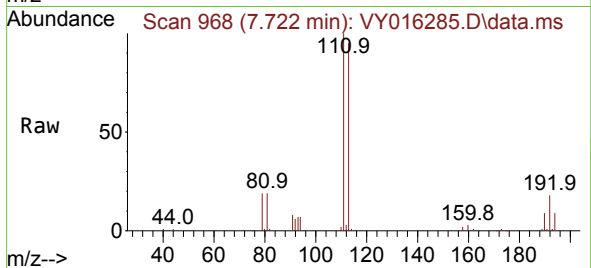
Tgt Ion: 114 Resp: 172704
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.1 0.0 30.6



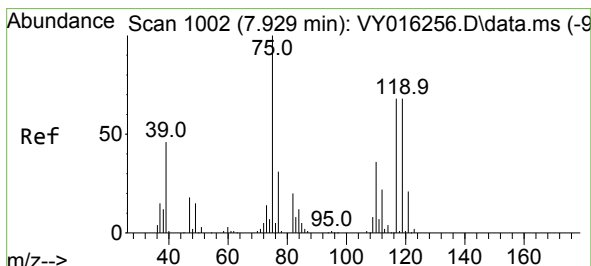
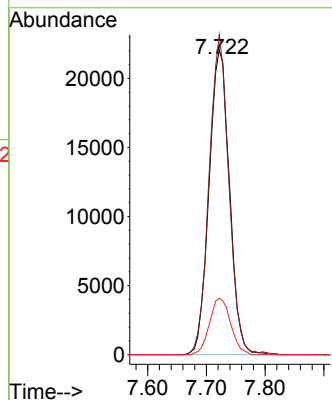
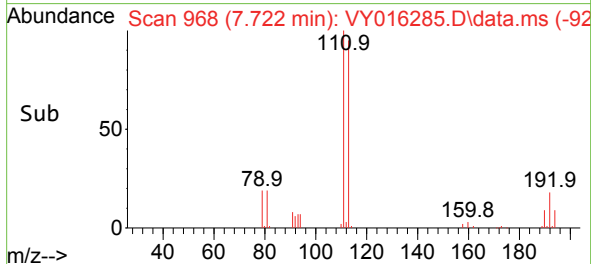


#35
Dibromofluoromethane
Concen: 54.229 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :

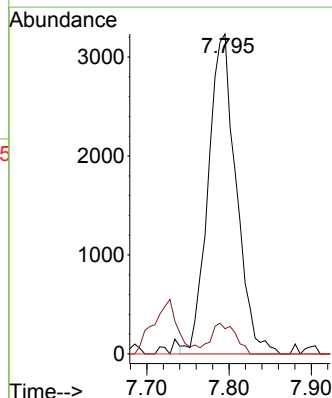
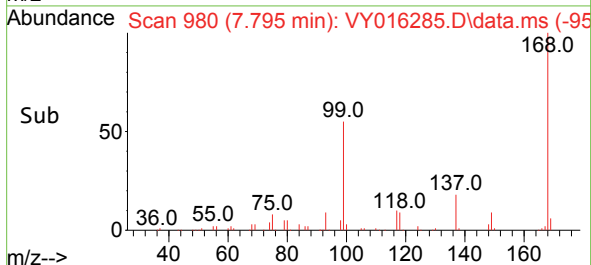
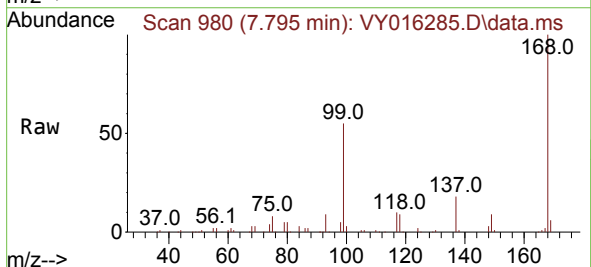


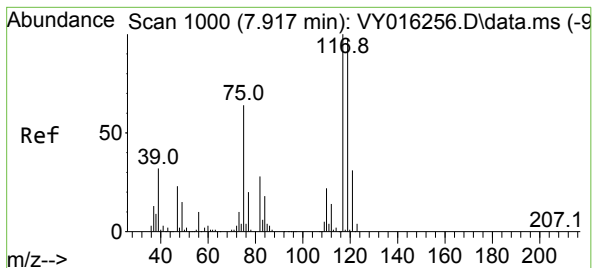
Tgt Ion:113 Resp: 53202
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Tgt Ion: 75 Resp: 7643
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.312 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

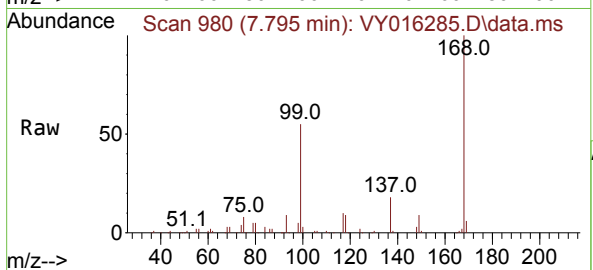
Lab File: VY016285.D

Acq: 09 Nov 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :



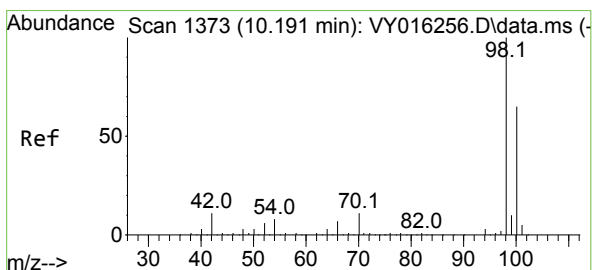
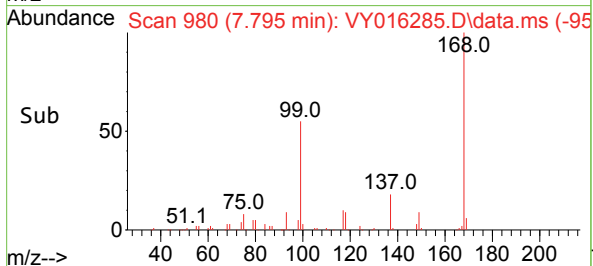
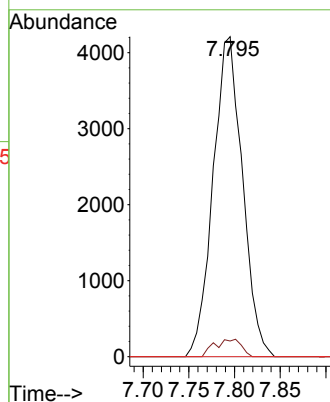
Tgt Ion:117 Resp: 9391

Ion Ratio Lower Upper

117 100

119 4.9 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.364 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016285.D

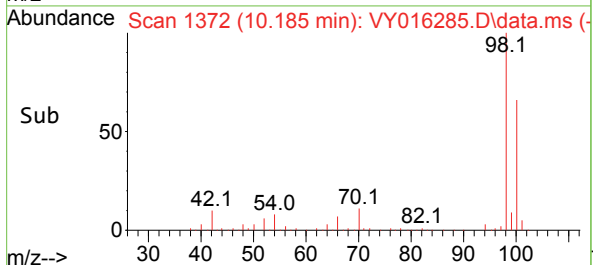
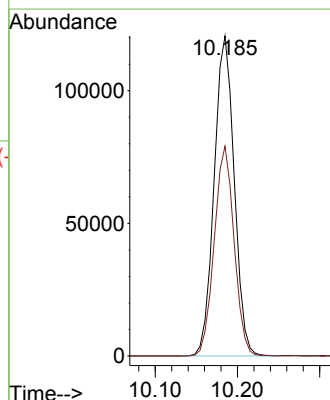
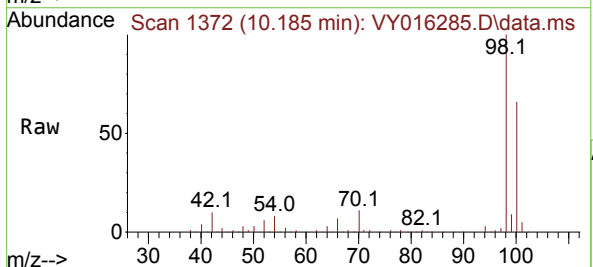
Acq: 09 Nov 2023 16:34

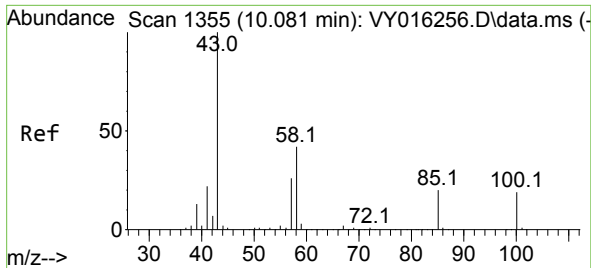
Tgt Ion: 98 Resp: 204347

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

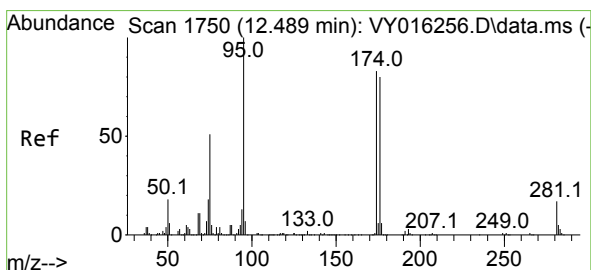
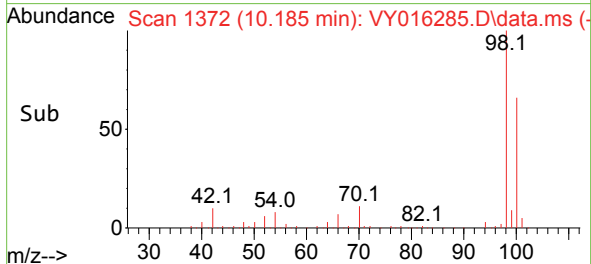
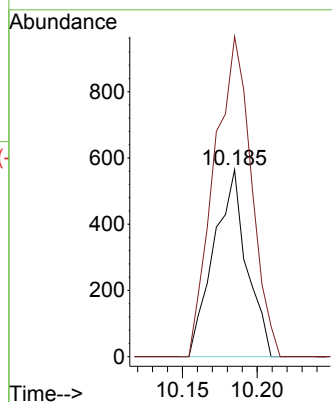
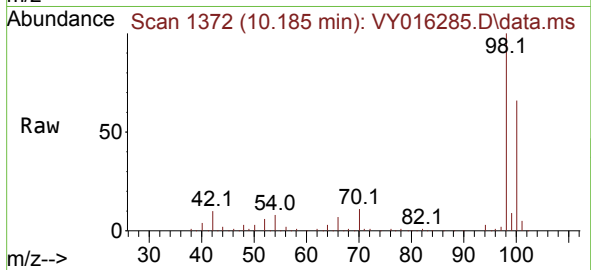




#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

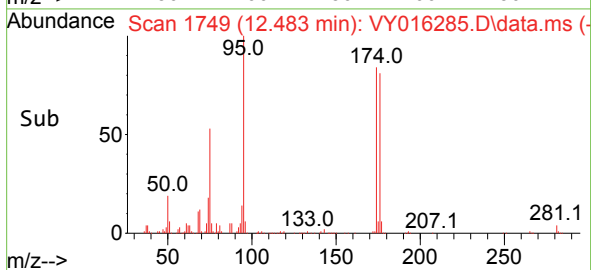
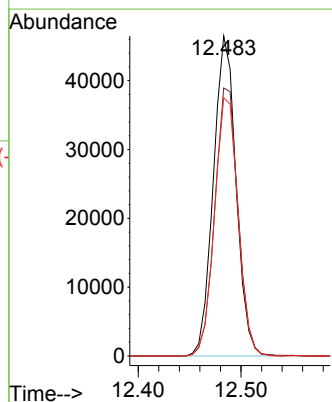
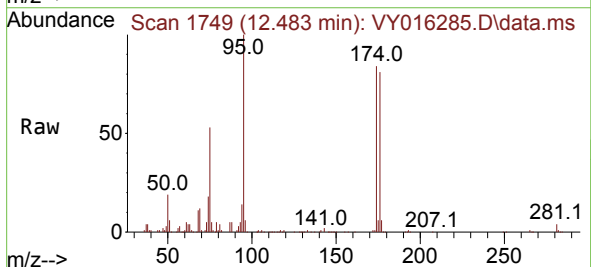
Instrument :
MSVOA_Y
ClientSampleId :

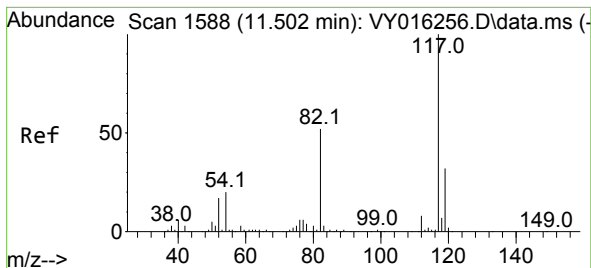
Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 193.1 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 55.086 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Tgt Ion: 95 Resp: 71178
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

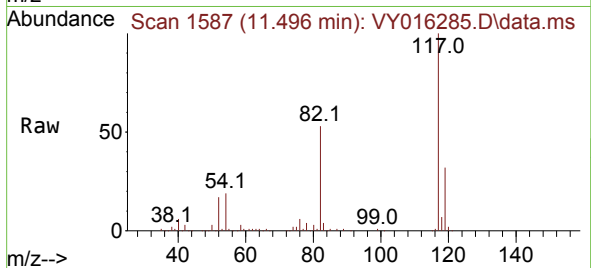
Lab File: VY016285.D

Acq: 09 Nov 2023 16:34

Instrument :

MSVOA_Y

ClientSampleId :



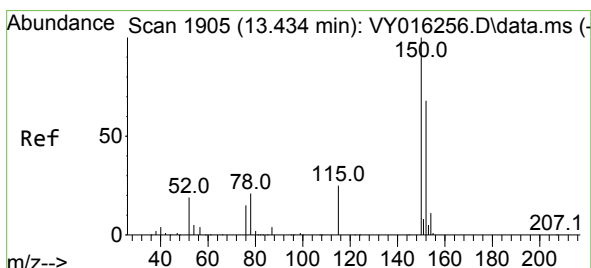
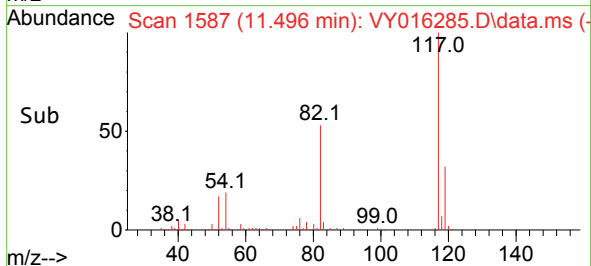
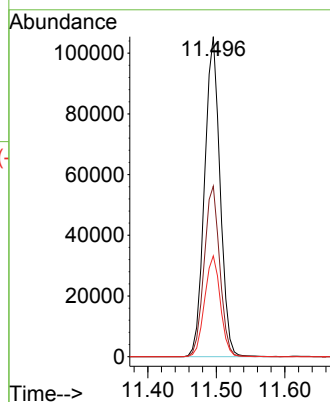
Tgt Ion:117 Resp: 166253

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 31.5 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: VY016285.D

Acq: 09 Nov 2023 16:34

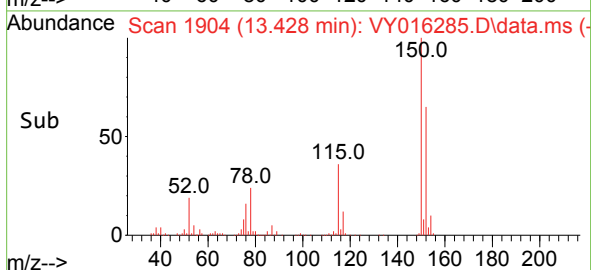
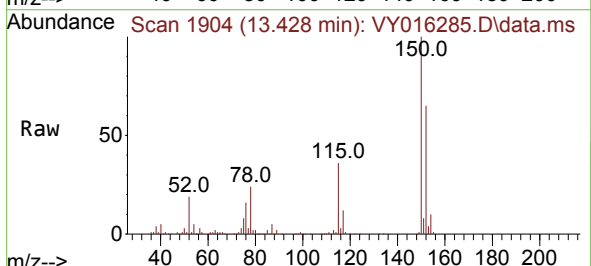
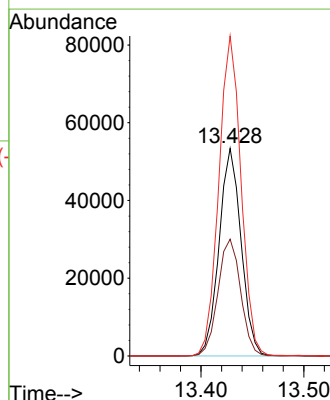
Tgt Ion:152 Resp: 79407

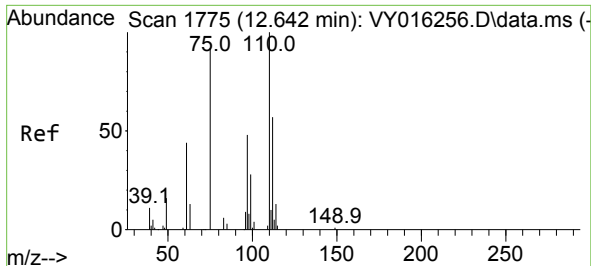
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 155.7 0.0 348.8

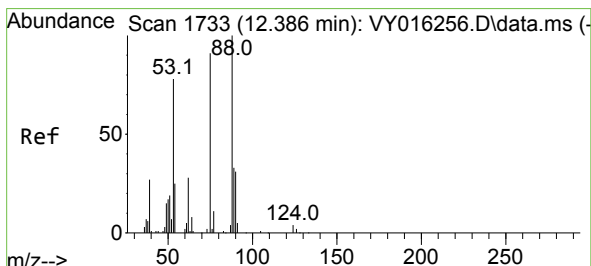
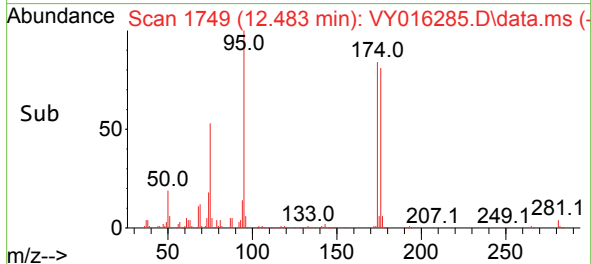
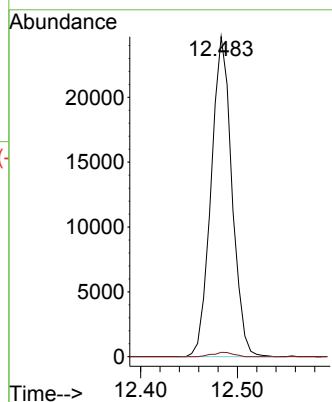
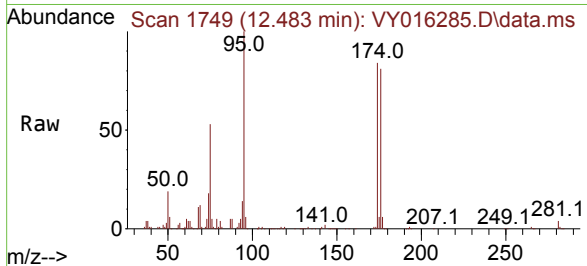




#76
1,2,3-Trichloropropane
Concen: 48.484 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36932
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016285.D
Acq: 09 Nov 2023 16:34

Tgt Ion: 75 Resp: 36932
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

