

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016281.D
 Acq On : 09 Nov 2023 15:00
 Operator : SY/MD
 Sample : 05293-07
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:59:24 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)

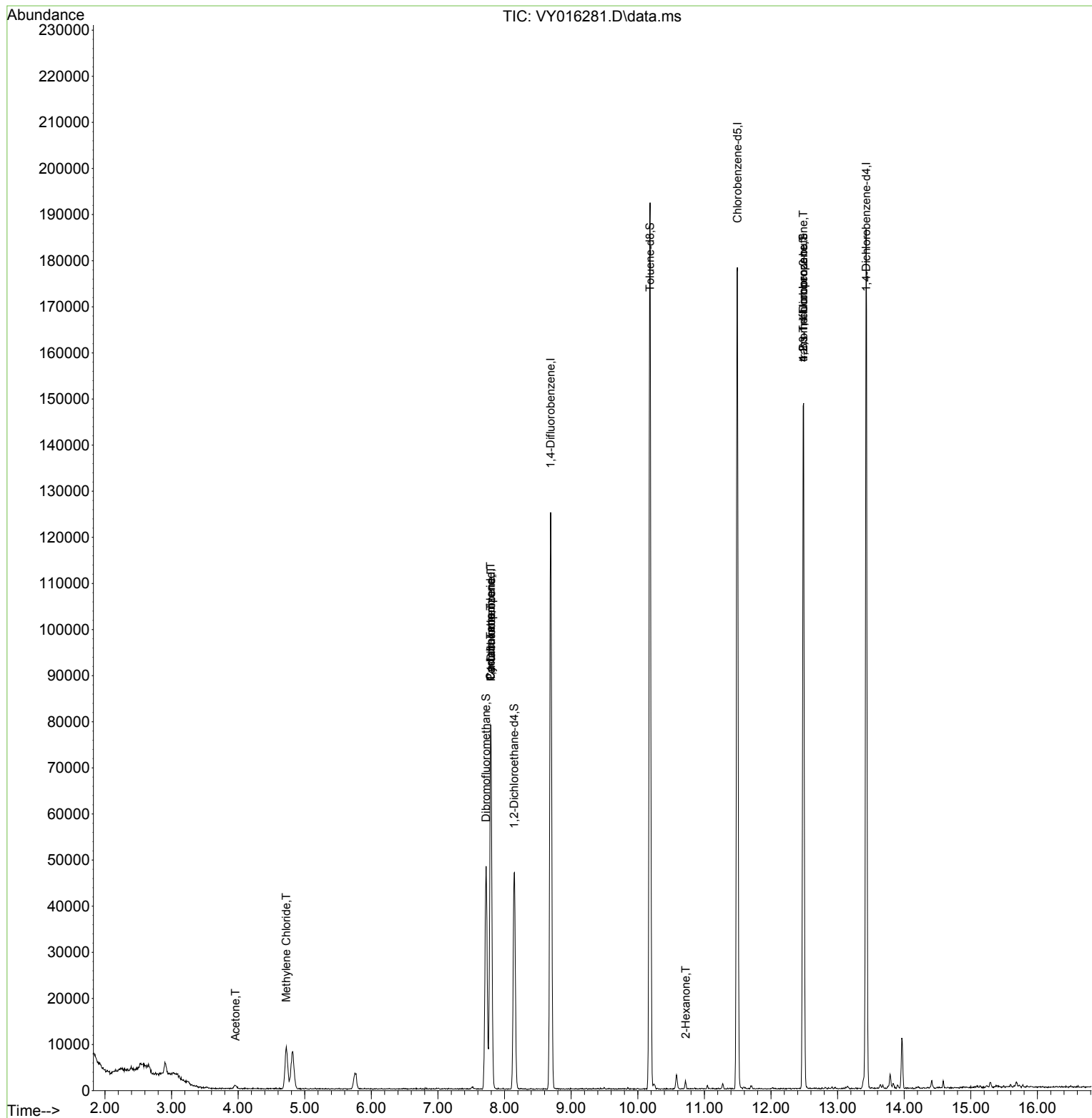
Internal Standards						
1) Pentafluorobenzene	7.795	168	62876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	110109	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	103424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	37559	65.358	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.720%	
35) Dibromofluoromethane	7.722	113	34738	55.537	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.080%	
50) Toluene-d8	10.185	98	130124	51.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.600%	
62) 4-Bromofluorobenzene	12.483	95	43607	52.933	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1386	14.581	ug/l #	84
20) Methylene Chloride	4.723	84	7018	7.492	ug/l #	77
31) Cyclohexane	7.789	56	1269	1.122	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	4813	4.431	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6134	5.442	ug/l #	17
59) 2-Hexanone	10.721	43	624	1.956	ug/l #	27
76) 1,2,3-Trichloropropane	12.483	75	23150	49.983	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23150	108.493	ug/l #	11

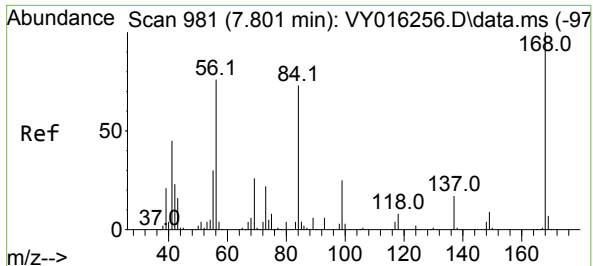
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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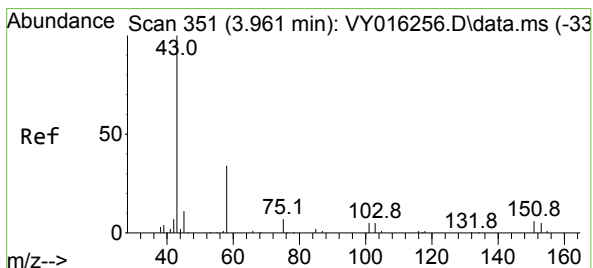
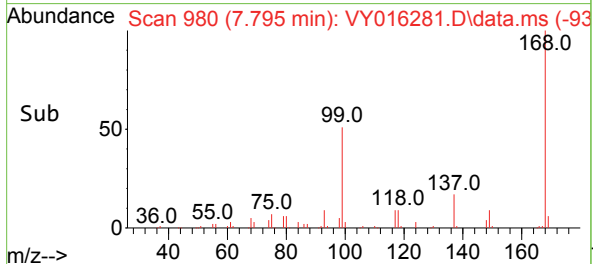
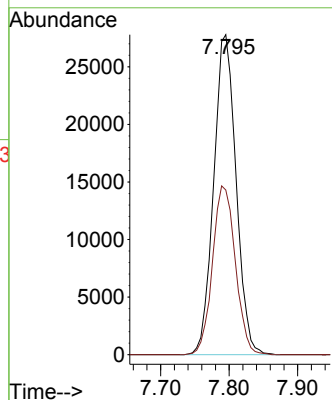
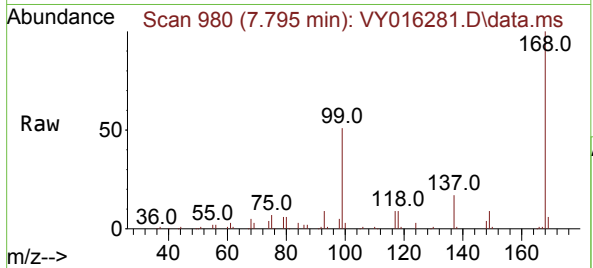




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

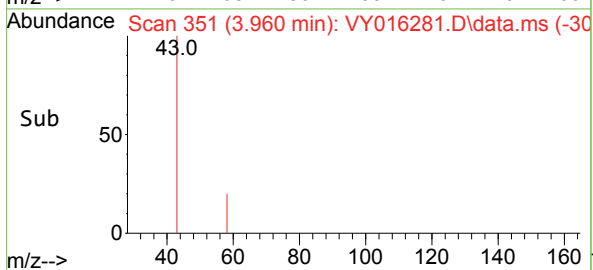
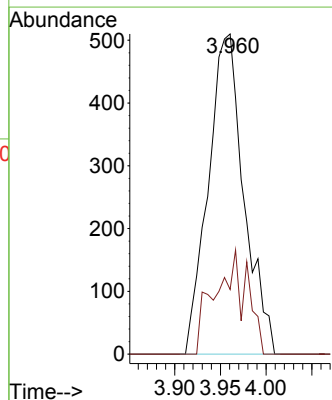
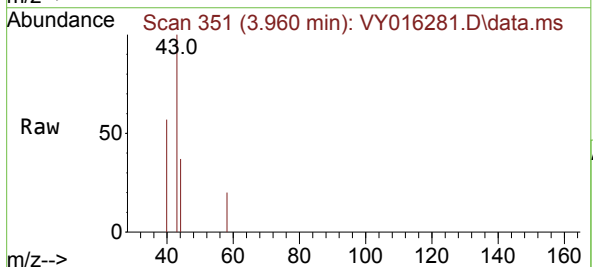
Instrument :
MSVOA_Y
ClientSampleId :

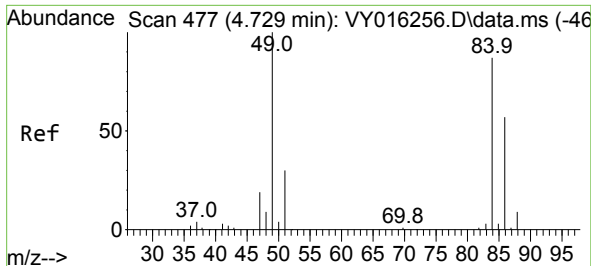
Tgt Ion:168 Resp: 62876
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#16
Acetone
Concen: 14.581 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

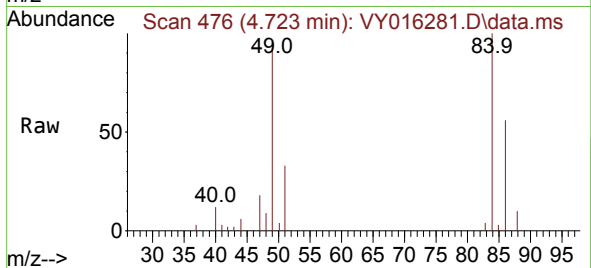
Tgt Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
58 20.2 22.7 34.1#



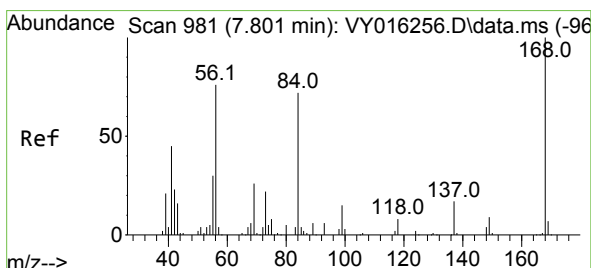
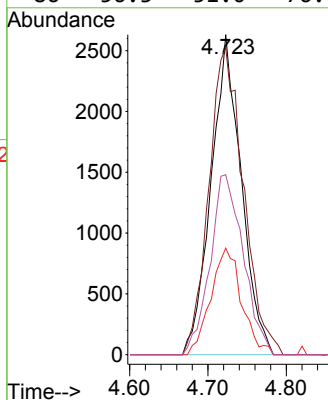
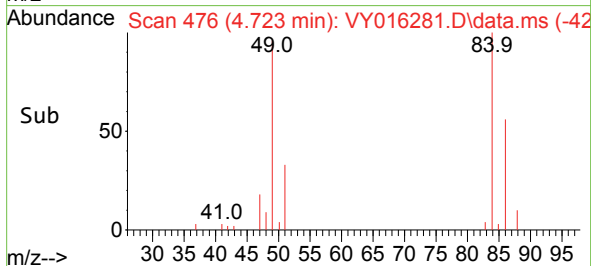


#20
Methylene Chloride
Concen: 7.492 ug/l
RT: 4.723 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

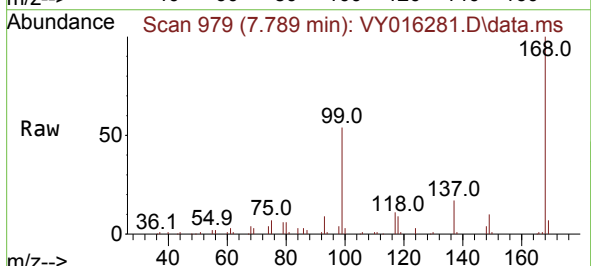
Instrument :
MSVOA_Y
ClientSampleId :



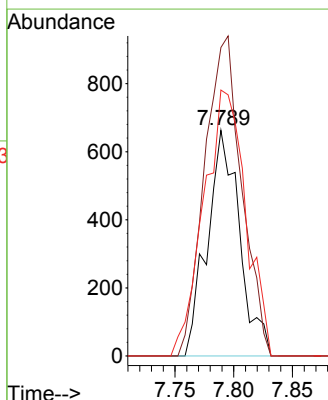
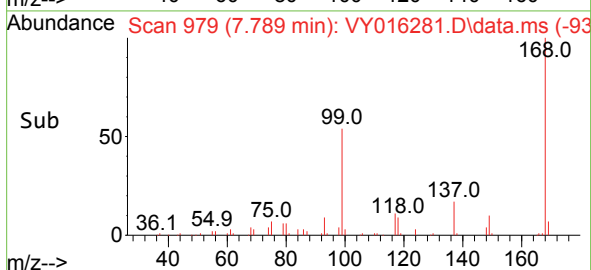
Tgt Ion:	84	Resp:	7018
Ion	Ratio	Lower	Upper
84	100		
49	96.0	106.9	160.3#
51	33.3	33.2	49.8
86	56.3	51.0	76.6

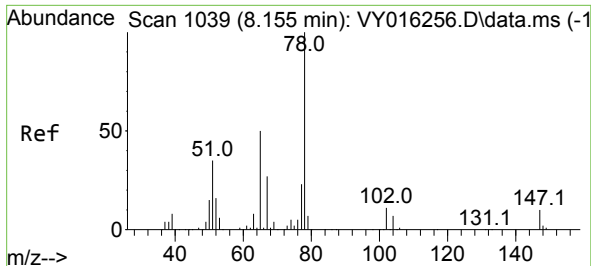


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00



Tgt Ion:	56	Resp:	1269
Ion	Ratio	Lower	Upper
56	100		
69	136.7	27.8	41.6#
84	117.8	66.4	99.6#

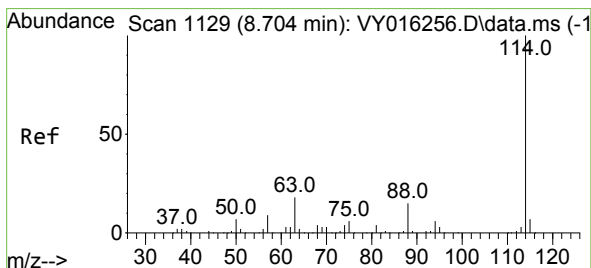
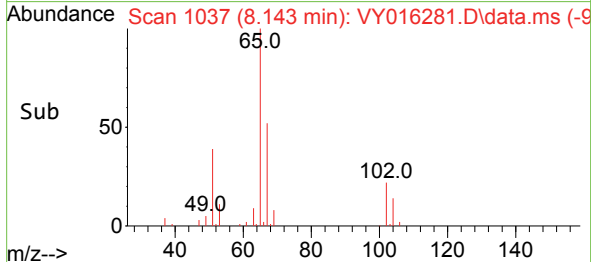
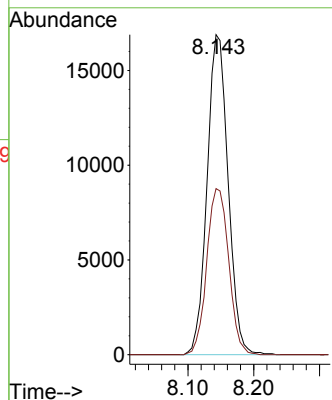
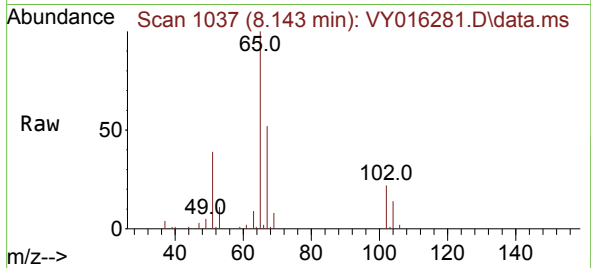




#33
 1,2-Dichloroethane-d4
 Concen: 65.358 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY016281.D
 Acq: 09 Nov 2023 15:00

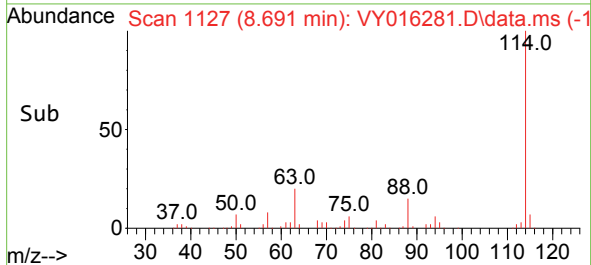
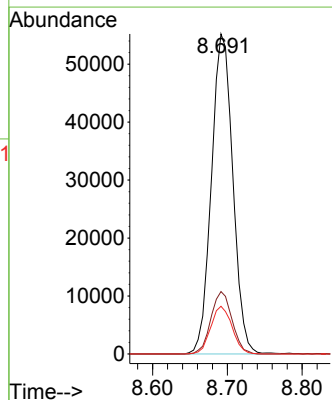
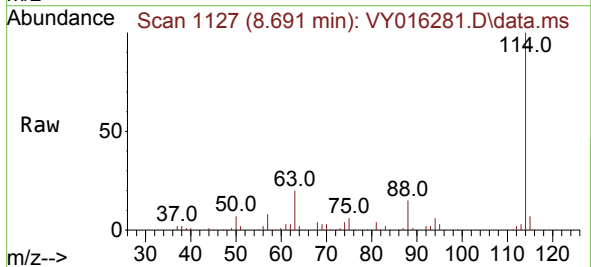
Instrument :
 MSVOA_Y
 ClientSampleId :

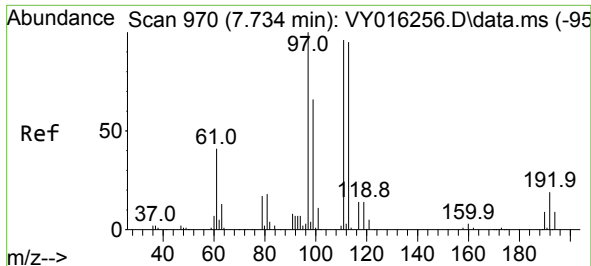
Tgt Ion: 65 Resp: 37559
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016281.D
 Acq: 09 Nov 2023 15:00

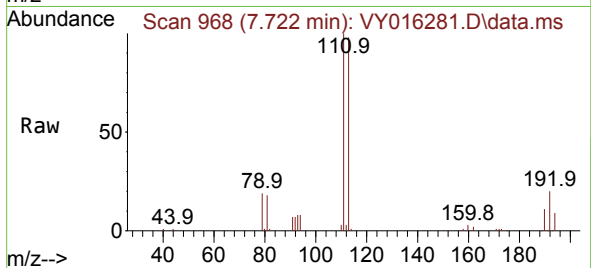
Tgt Ion: 114 Resp: 110109
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.4
 88 14.9 0.0 30.6



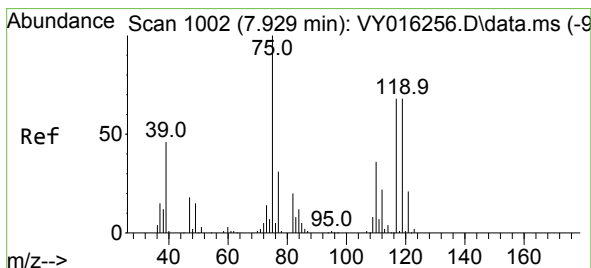
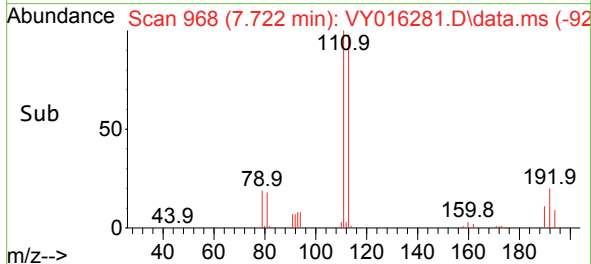
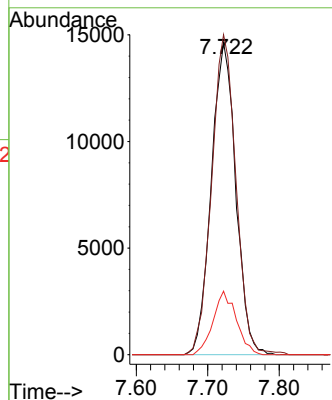


#35
Dibromofluoromethane
Concen: 55.537 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :

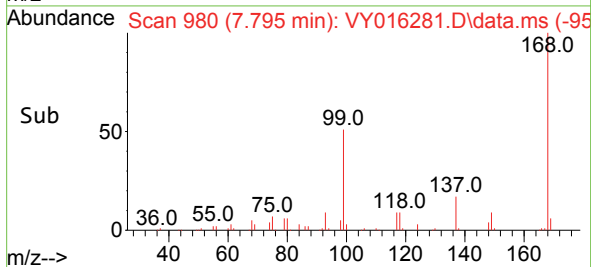
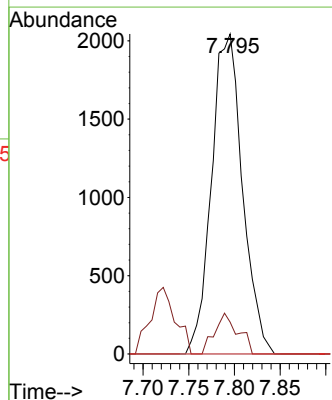
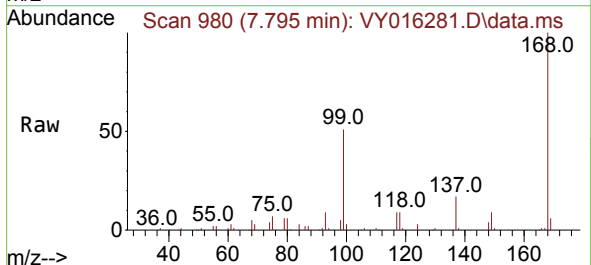


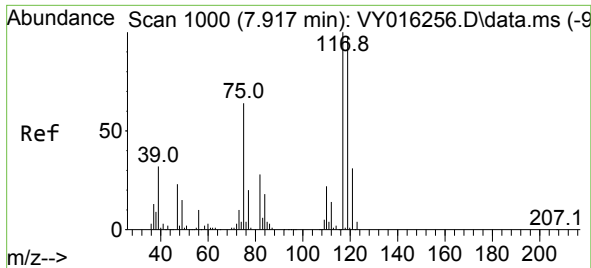
Tgt Ion:113 Resp: 34738
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.431 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

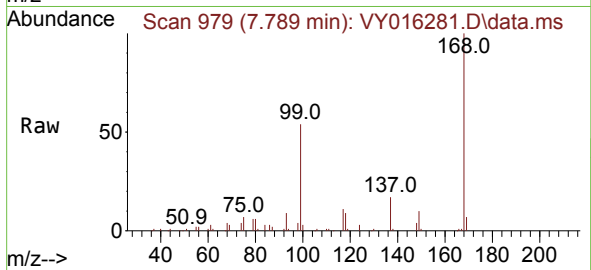
Tgt Ion: 75 Resp: 4813
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



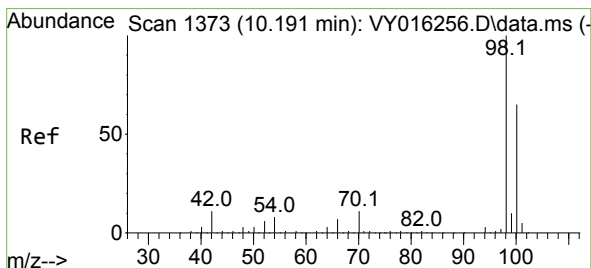
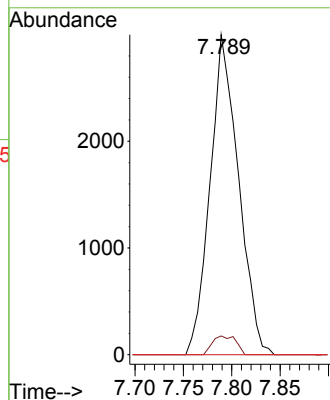
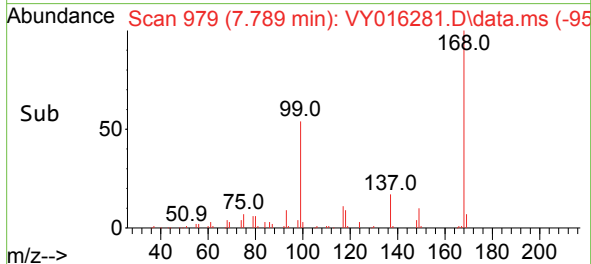


#38
Carbon Tetrachloride
Concen: 5.442 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :

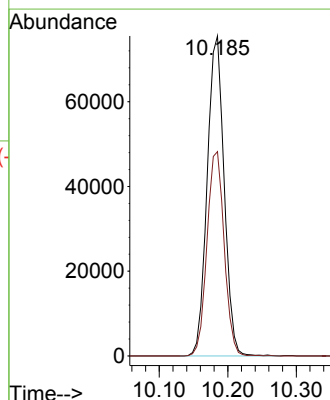
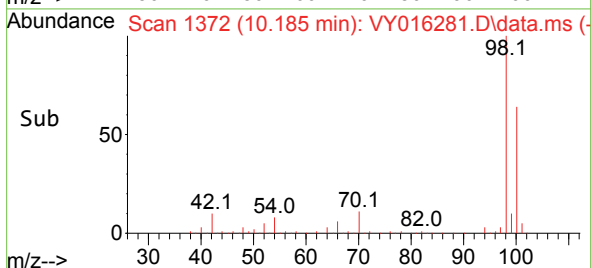
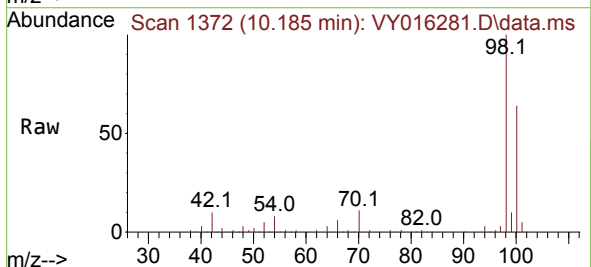


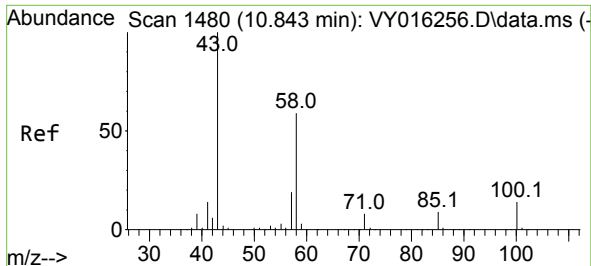
Tgt Ion:117 Resp: 6134
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.301 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 98 Resp: 130124
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1





#59

2-Hexanone

Concen: 1.956 ug/l

RT: 10.721 min Scan# 14

Delta R.T. -0.122 min

Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_Y

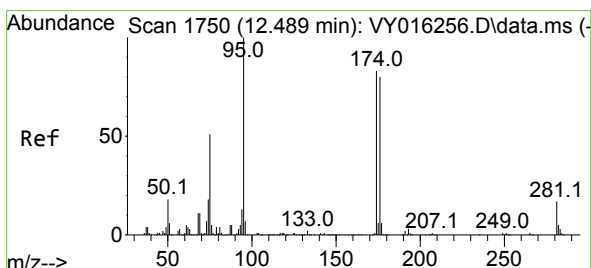
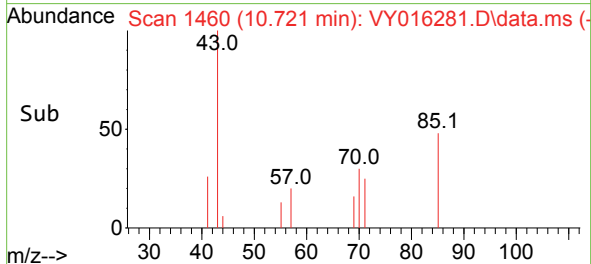
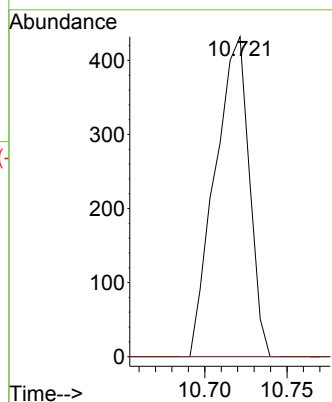
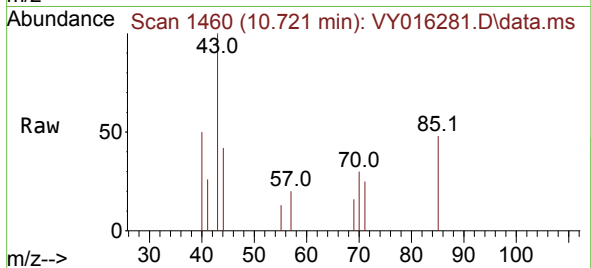
ClientSampleId :

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

58 0.0 25.1 75.3#



#62

4-Bromofluorobenzene

Concen: 52.933 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

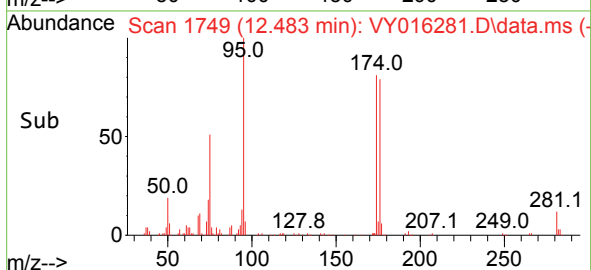
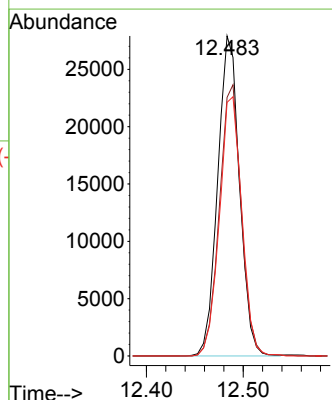
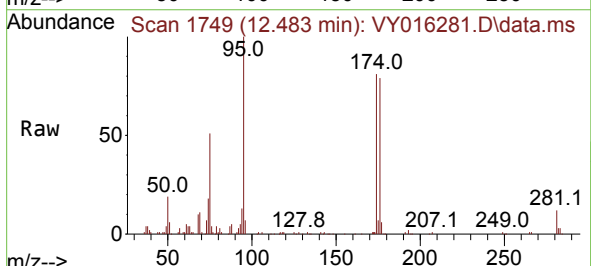
Tgt Ion: 95 Resp: 43607

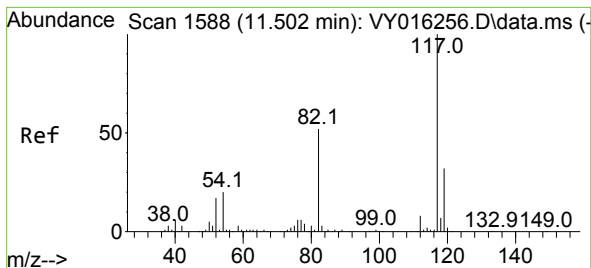
Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

176 83.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

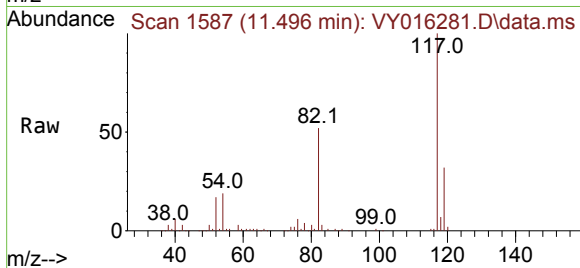
Lab File: VY016281.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_Y

ClientSampleId :



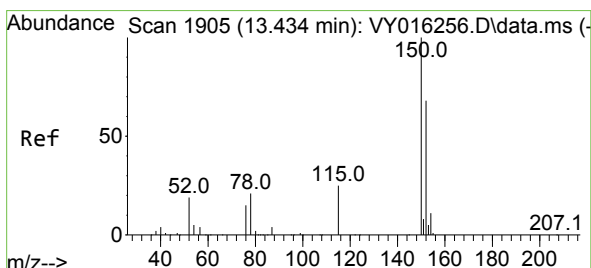
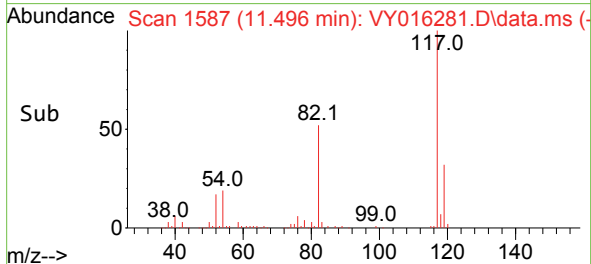
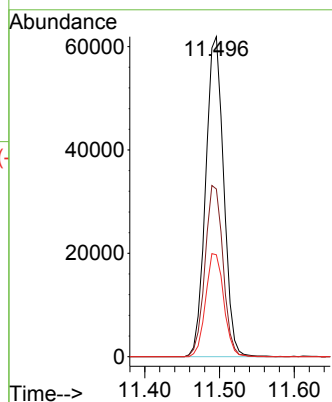
Tgt Ion:117 Resp: 103424

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 31.8 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: VY016281.D

Acq: 09 Nov 2023 15:00

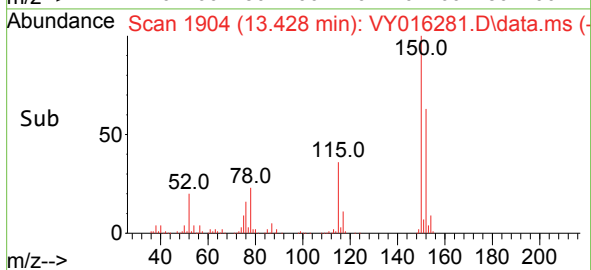
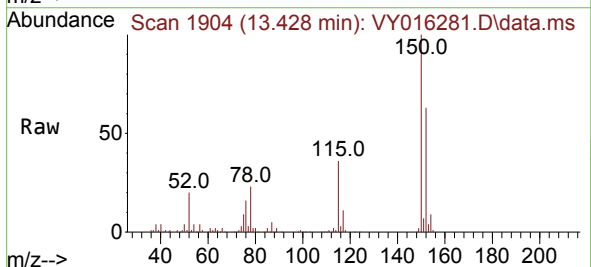
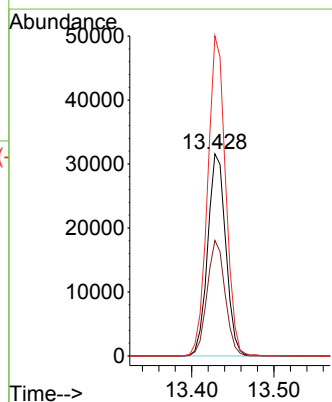
Tgt Ion:152 Resp: 48281

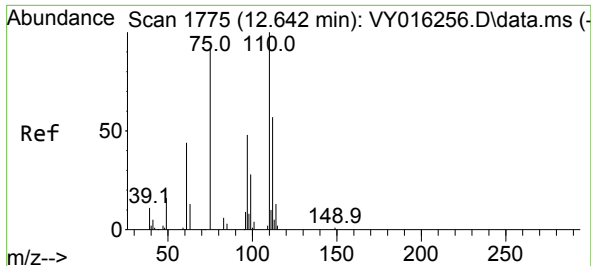
Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 157.3 0.0 348.8

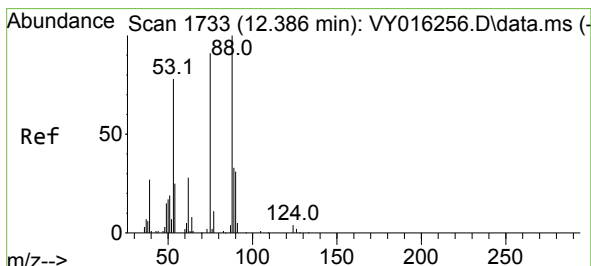
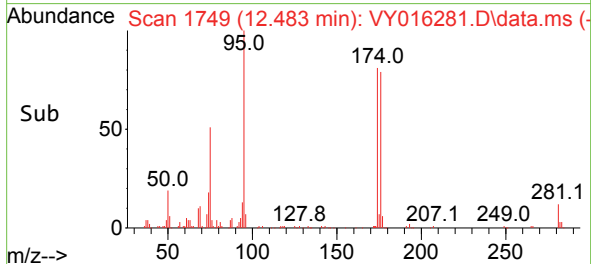
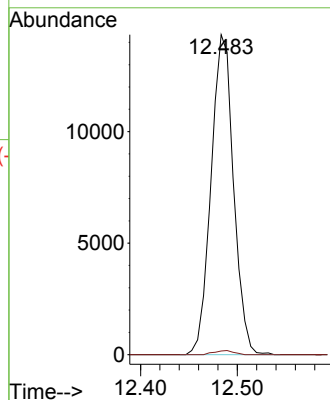
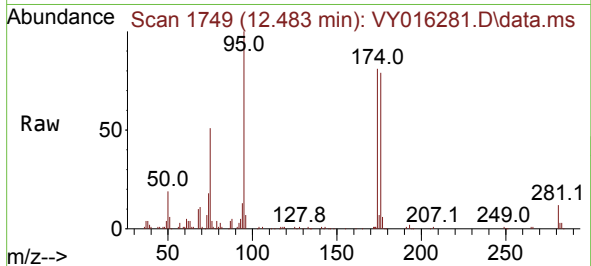




#76
1,2,3-Trichloropropane
Concen: 49.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 23150
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016281.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 75 Resp: 23150
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

