

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016280.D
 Acq On : 09 Nov 2023 14:36
 Operator : SY/MD
 Sample : 05293-06
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:59:03 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)

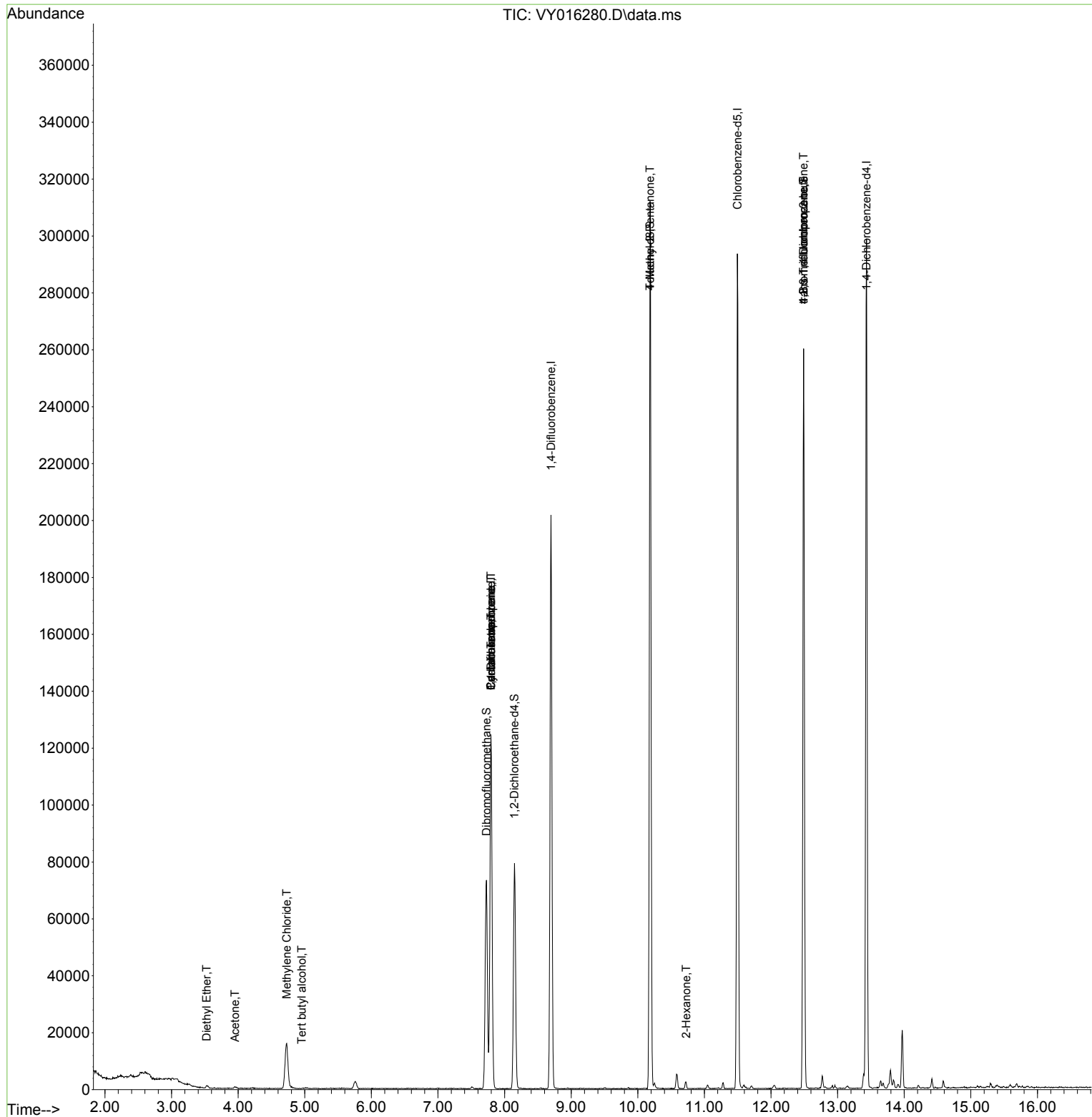
Internal Standards						
1) Pentafluorobenzene	7.795	168	95983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	167008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	61645	70.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.540%	
35) Dibromofluoromethane	7.728	113	52562	53.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.120%	
50) Toluene-d8	10.185	98	205939	51.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.489	95	72054	55.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.440%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.527	74	533	1.036	ug/l #	1
11) Tert butyl alcohol	4.954	59	193	2.810	ug/l #	89
16) Acetone	3.954	43	1112	7.663	ug/l	99
20) Methylene Chloride	4.728	84	12772	9.650	ug/l	91
31) Cyclohexane	7.795	56	1913	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7390	4.296	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9794	5.486	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	777	1.144	ug/l #	1
59) 2-Hexanone	10.727	43	817	1.617	ug/l #	27
76) 1,2,3-Trichloropropane	12.489	75	37701	50.543	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37701	109.708	ug/l #	11

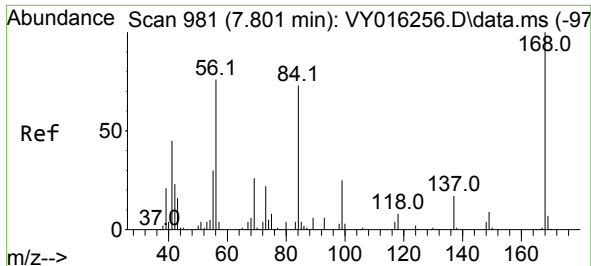
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
Data File : VY016280.D
Acq On : 09 Nov 2023 14:36
Operator : SY/MD
Sample : 05293-06
Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 09 22:59:03 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

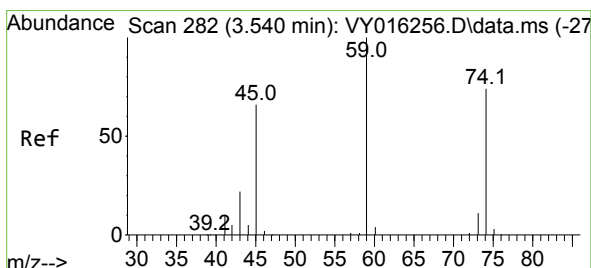
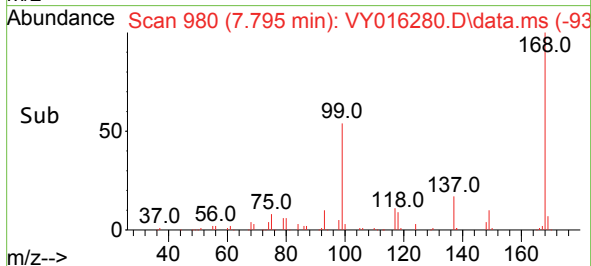
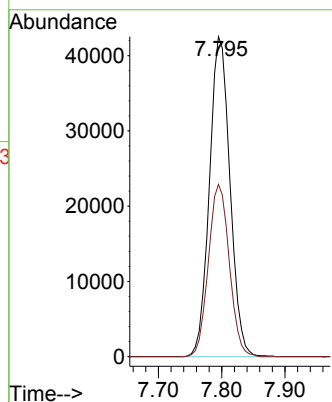
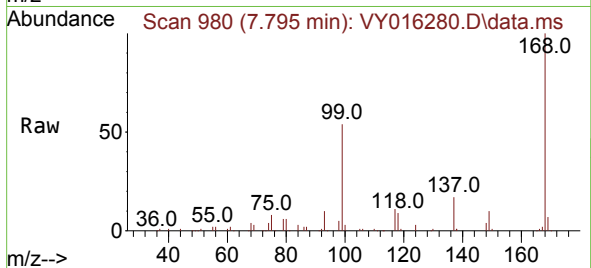




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

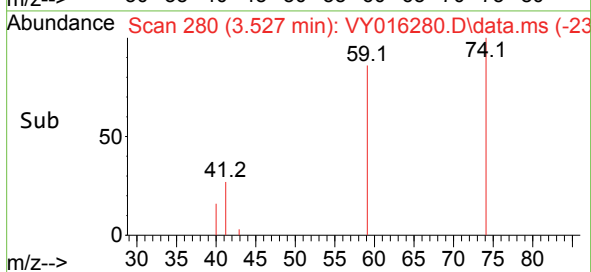
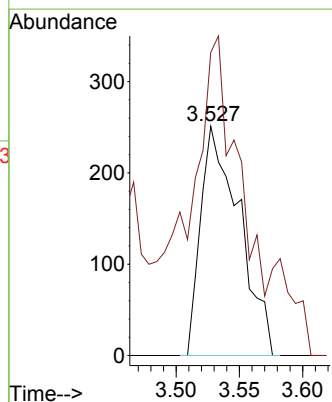
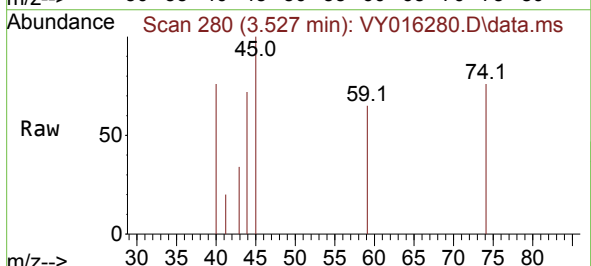
Instrument :
MSVOA_Y
ClientSampleId :

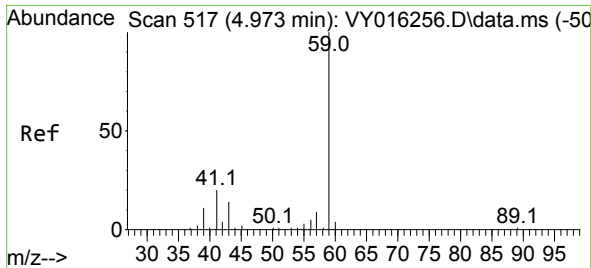
Tgt Ion:168 Resp: 95983
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#8
Diethyl Ether
Concen: 1.036 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.013 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

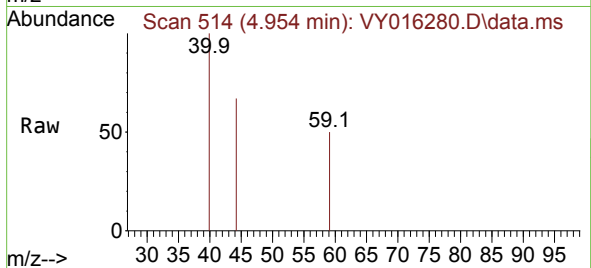
Tgt Ion: 74 Resp: 533
Ion Ratio Lower Upper
74 100
45 205.1 51.5 154.5#



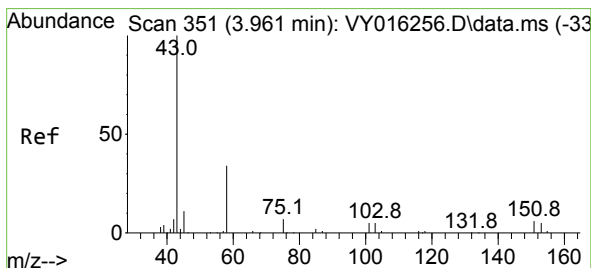
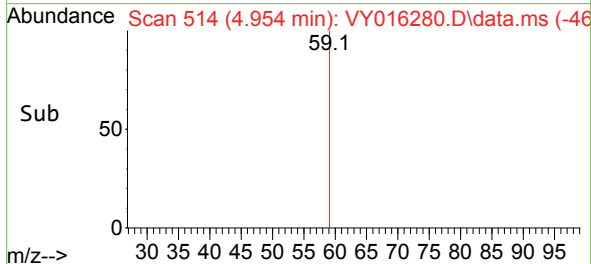
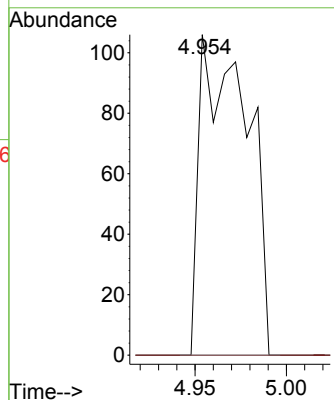


#11
Tert butyl alcohol
Concen: 2.810 ug/l
RT: 4.954 min Scan# 517
Delta R.T. -0.019 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :

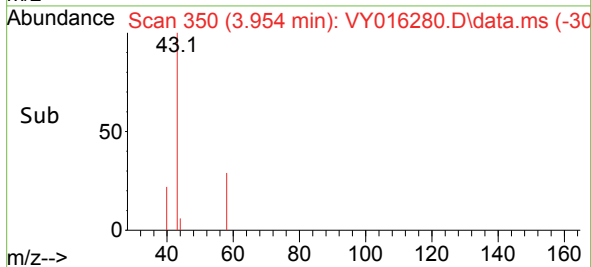
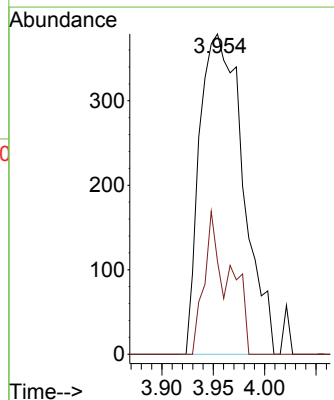
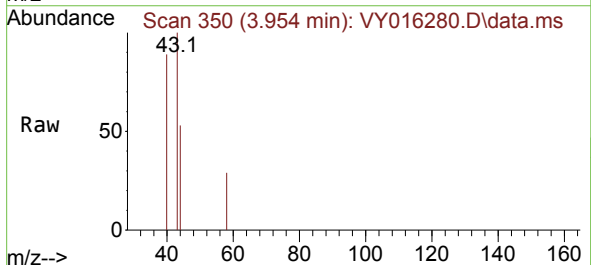


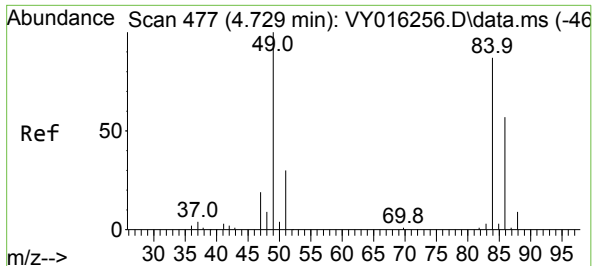
Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 7.663 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

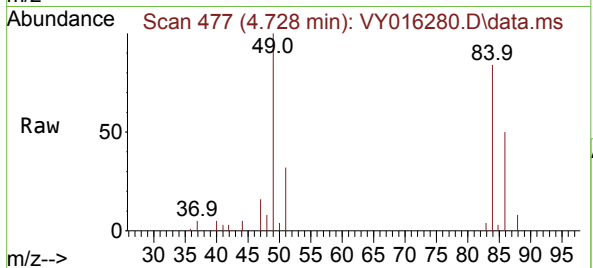
Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 29.0 22.7 34.1



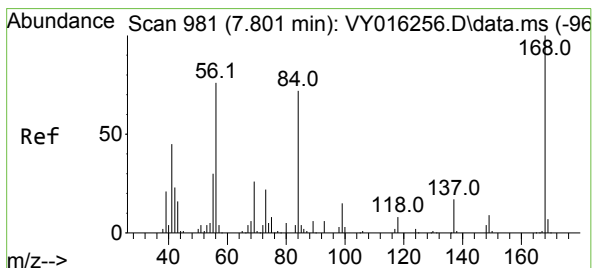
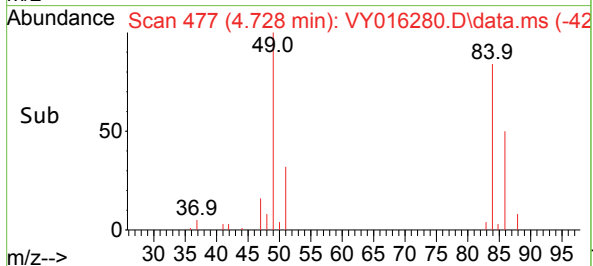
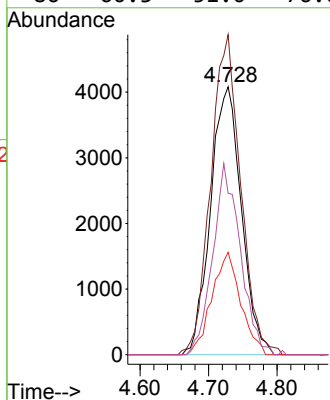


#20
Methylene Chloride
Concen: 9.650 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :

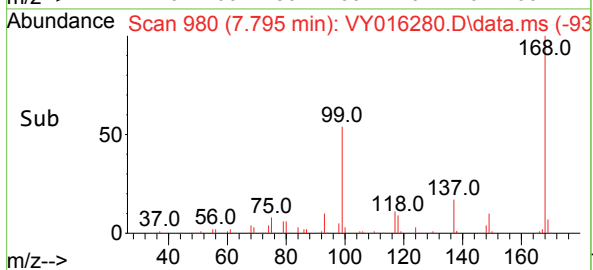
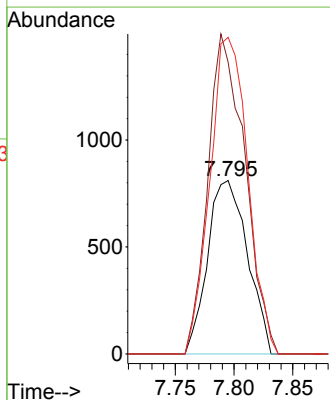
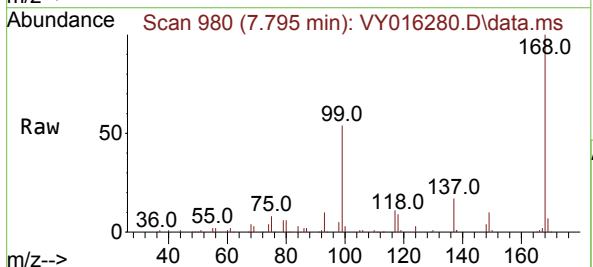


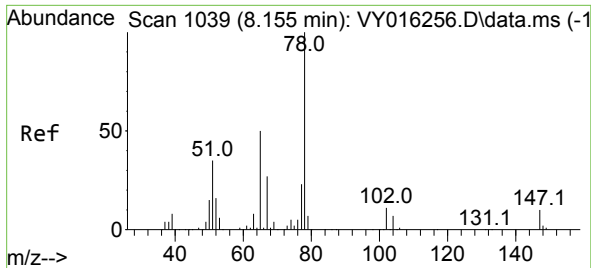
Tgt Ion:	84	Resp:	12772
Ion	Ratio	Lower	Upper
84	100		
49	119.5	106.9	160.3
51	38.2	33.2	49.8
86	60.3	51.0	76.6



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Tgt Ion:	56	Resp:	1913
Ion	Ratio	Lower	Upper
56	100		
69	168.2	27.8	41.6#
84	182.5	66.4	99.6#

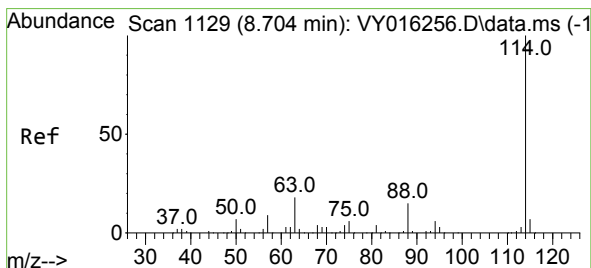
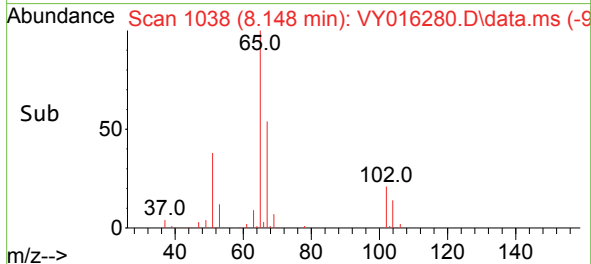
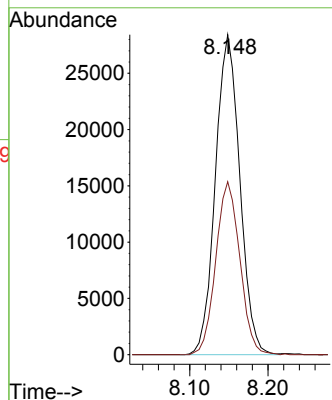
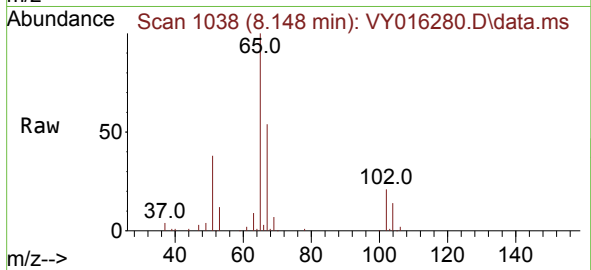




#33
 1,2-Dichloroethane-d4
 Concen: 70.271 ug/l
 RT: 8.148 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY016280.D
 Acq: 09 Nov 2023 14:36

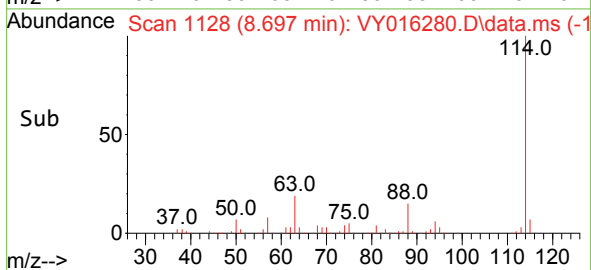
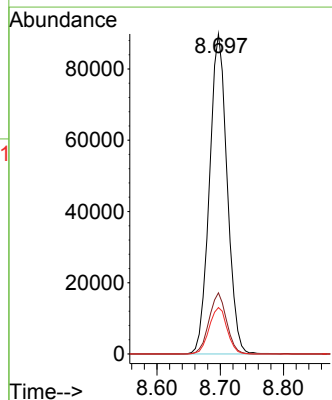
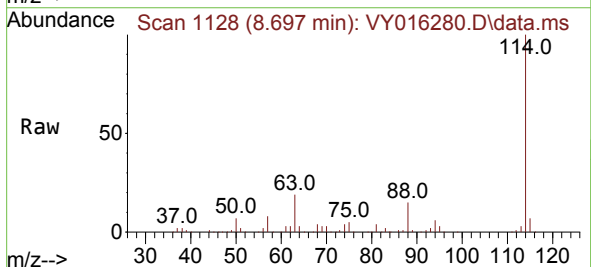
Instrument :
 MSVOA_Y
 ClientSampleId :

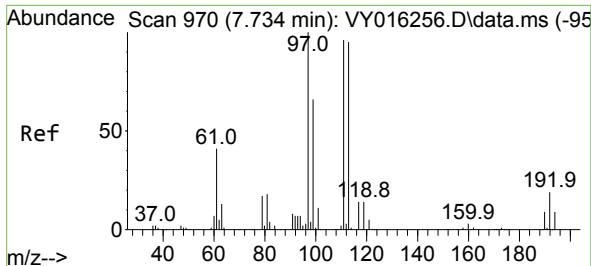
Tgt Ion: 65 Resp: 61645
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY016280.D
 Acq: 09 Nov 2023 14:36

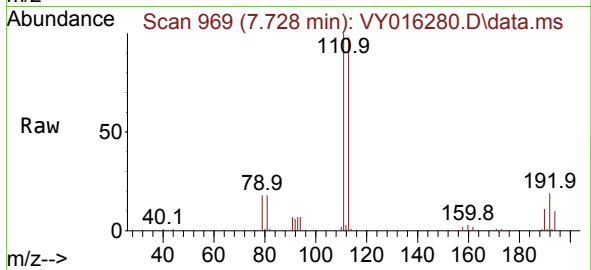
Tgt Ion: 114 Resp: 174398
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 42.4
 88 14.5 0.0 30.6



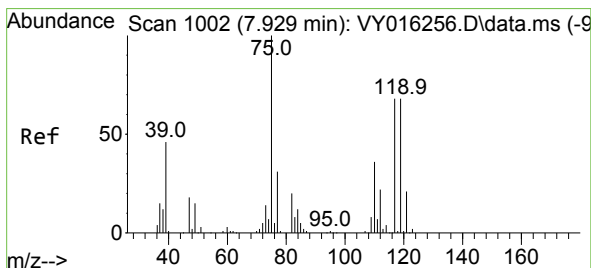
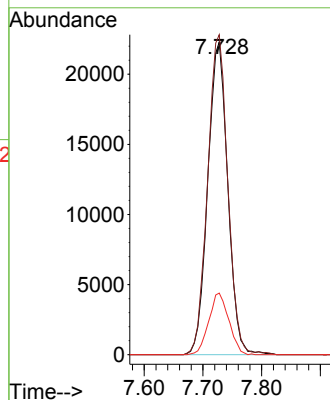
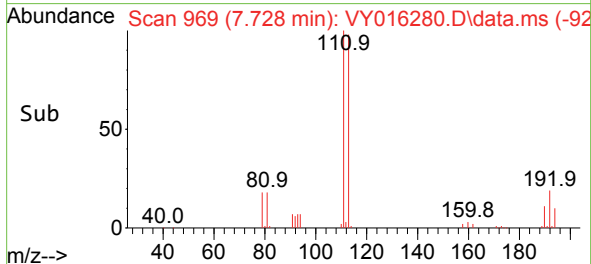


#35
Dibromofluoromethane
Concen: 53.056 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :

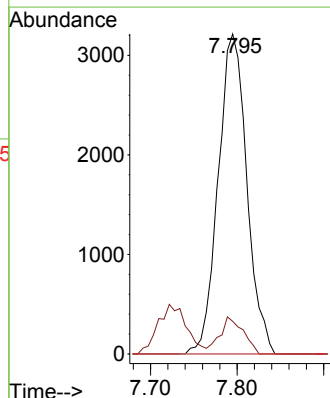
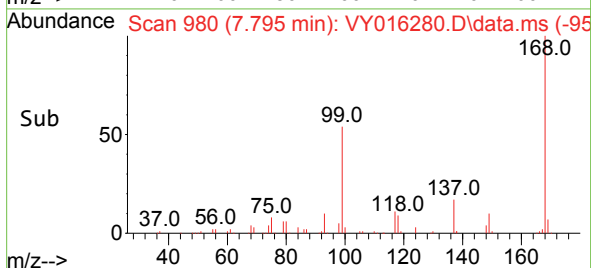
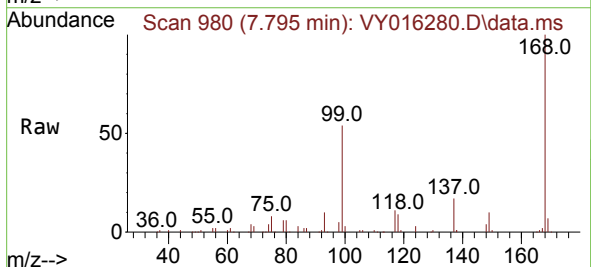


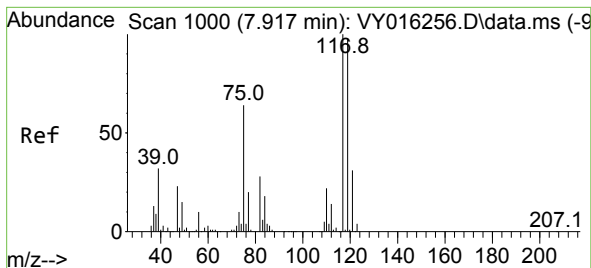
Tgt Ion:113 Resp: 52562
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.296 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Tgt Ion: 75 Resp: 7390
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.486 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

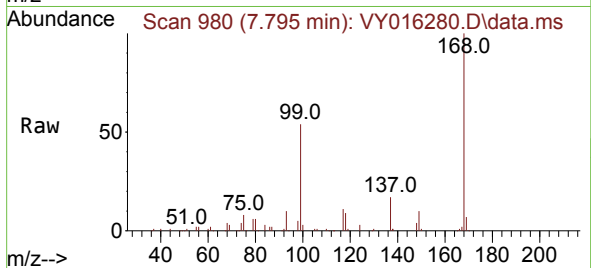
Lab File: VY016280.D

Acq: 09 Nov 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :



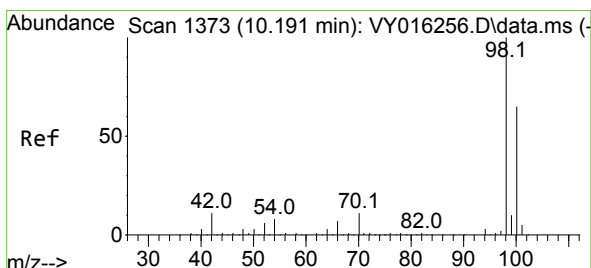
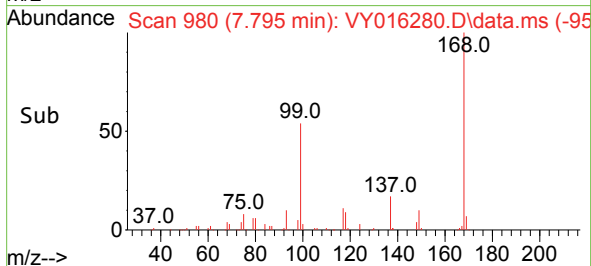
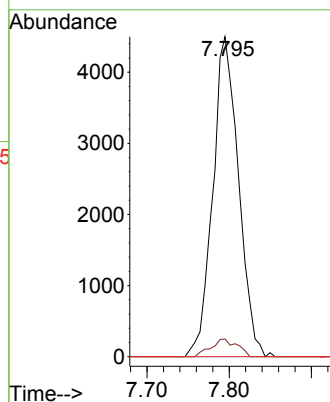
Tgt Ion:117 Resp: 9794

Ion Ratio Lower Upper

117 100

119 5.6 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.261 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016280.D

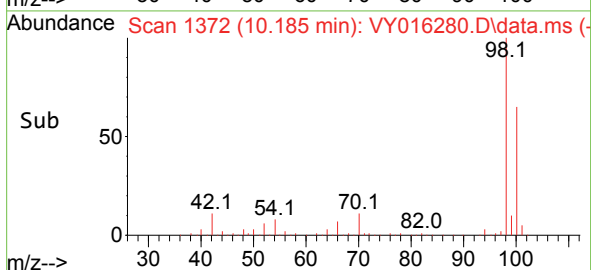
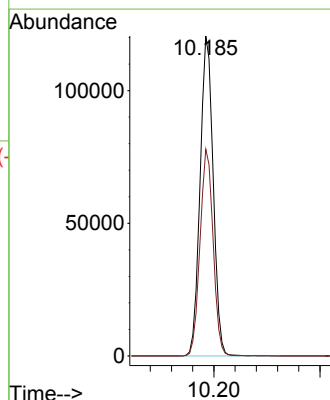
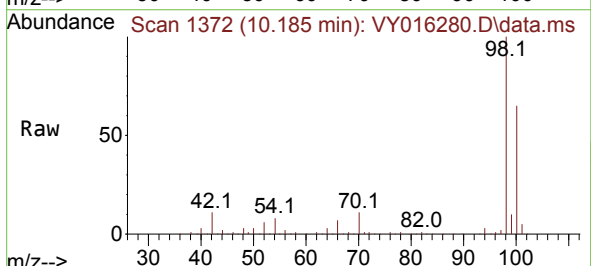
Acq: 09 Nov 2023 14:36

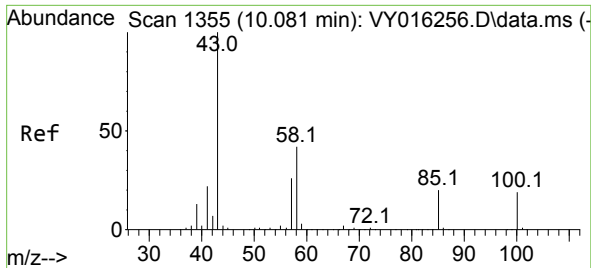
Tgt Ion: 98 Resp: 205939

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

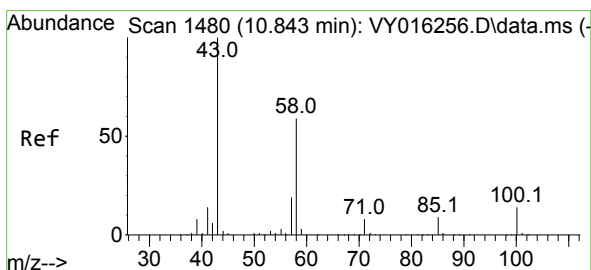
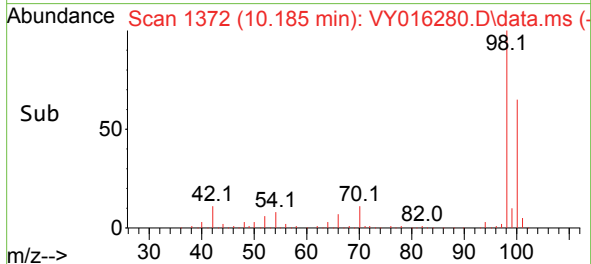
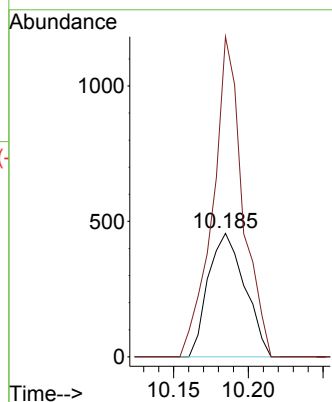
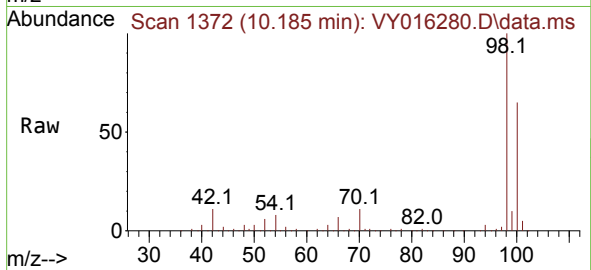




#51
4-Methyl-2-Pentanone
Concen: 1.144 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

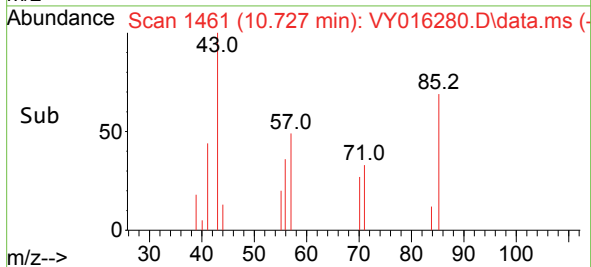
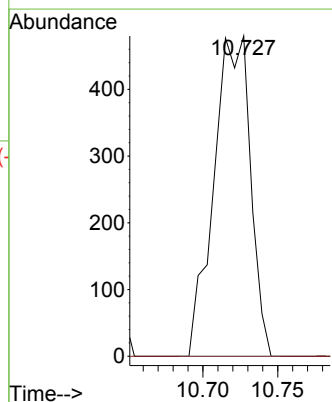
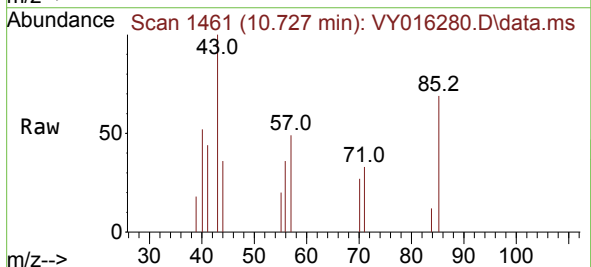
Instrument :
MSVOA_Y
ClientSampleId :

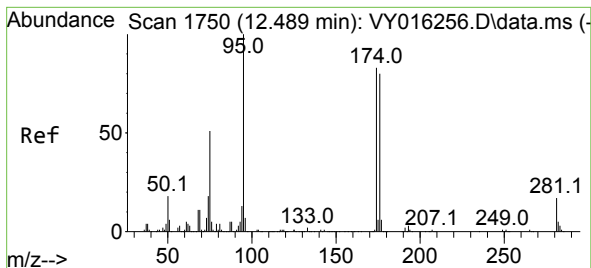
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
58 212.2 29.0 43.6#



#59
2-Hexanone
Concen: 1.617 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.116 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.3#

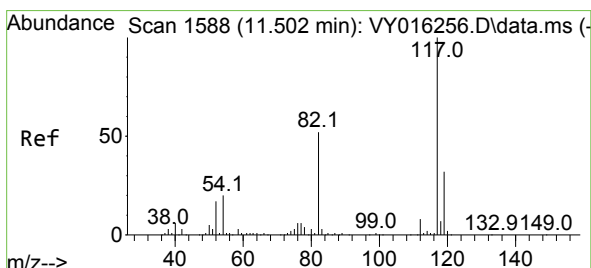
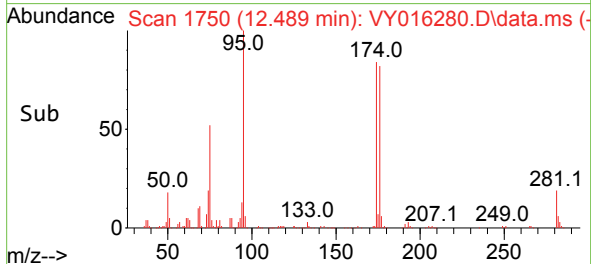
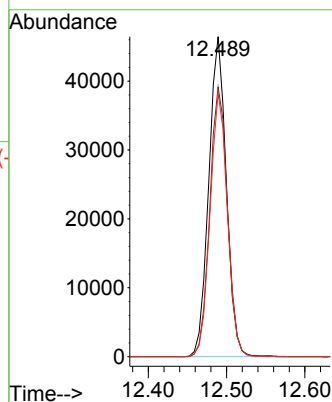
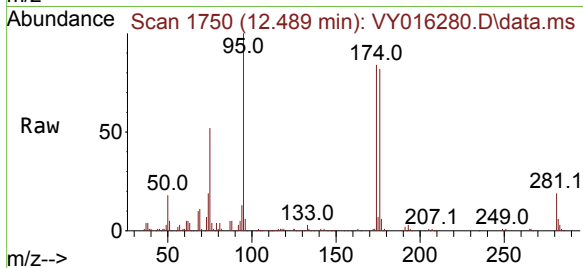




#62
4-Bromofluorobenzene
Concen: 55.222 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

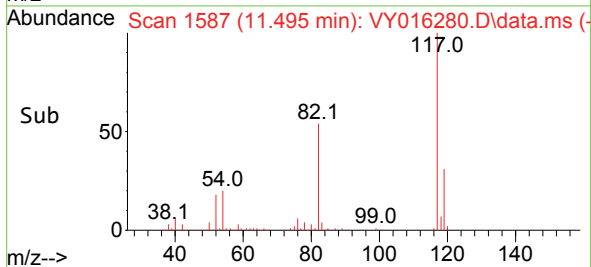
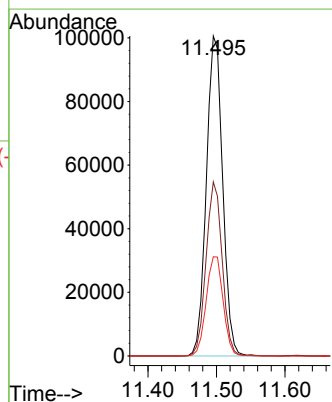
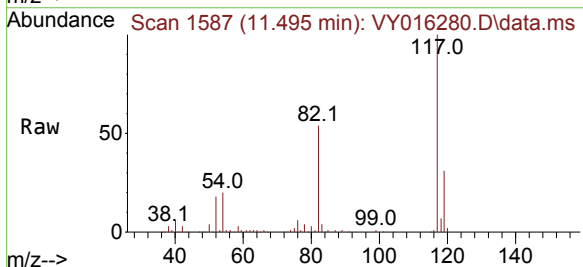
Instrument :
MSVOA_Y
ClientSampleId :

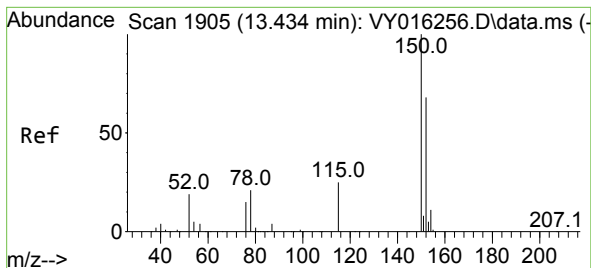
Tgt Ion: 95 Resp: 72054
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 81.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Tgt Ion: 117 Resp: 167008
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.0 26.3 39.5

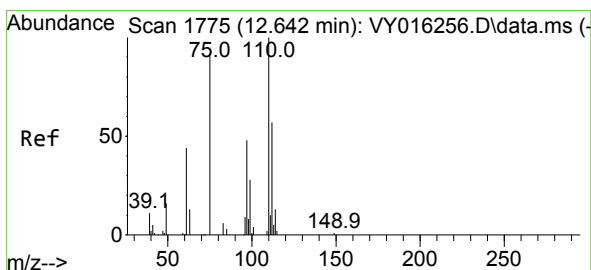
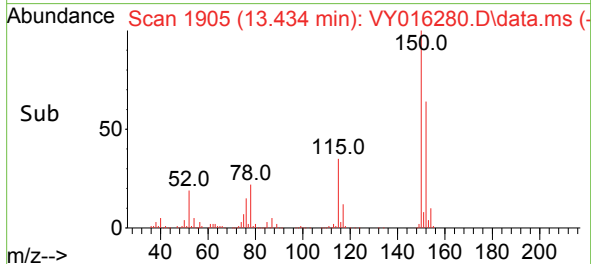
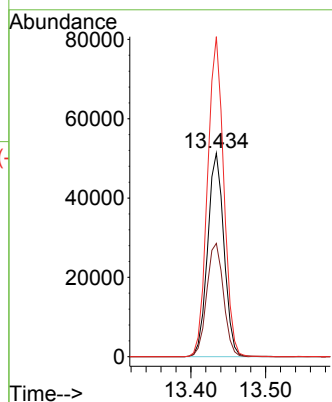
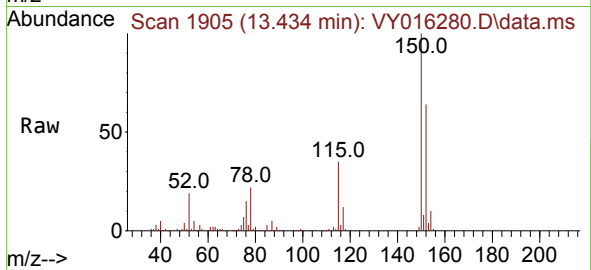




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016280.D
 Acq: 09 Nov 2023 14:36

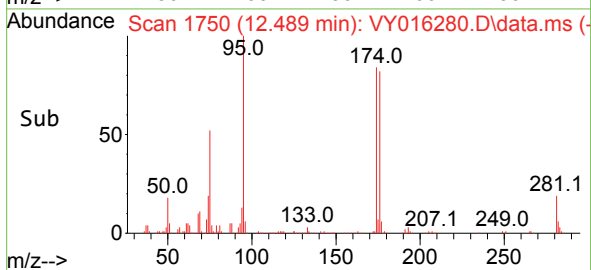
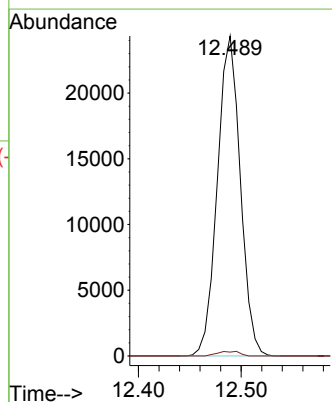
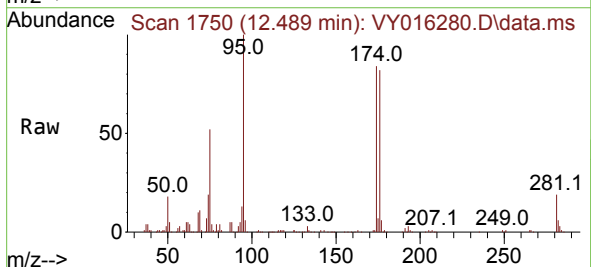
Instrument :
 MSVOA_Y
 ClientSampleId :

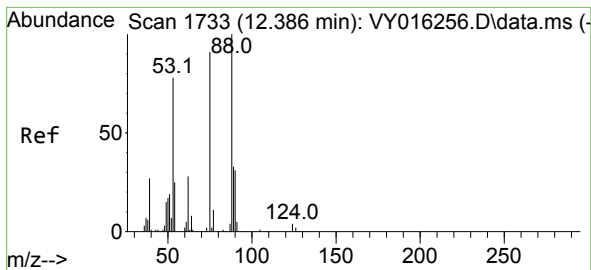
Tgt Ion:152 Resp: 77757
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 156.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 50.543 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016280.D
 Acq: 09 Nov 2023 14:36

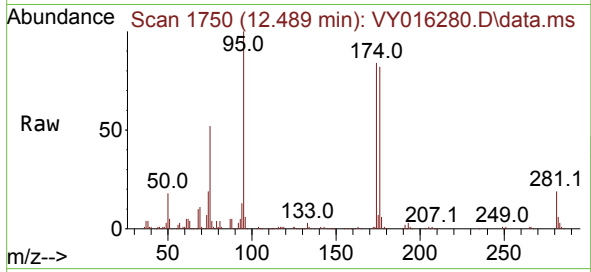
Tgt Ion: 75 Resp: 37701
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.708 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016280.D
Acq: 09 Nov 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.2	37.4	56.0#

