

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016282.D
 Acq On : 09 Nov 2023 15:23
 Operator : SY/MD
 Sample : 05293-08
 Misc : 6.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:59:44 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)

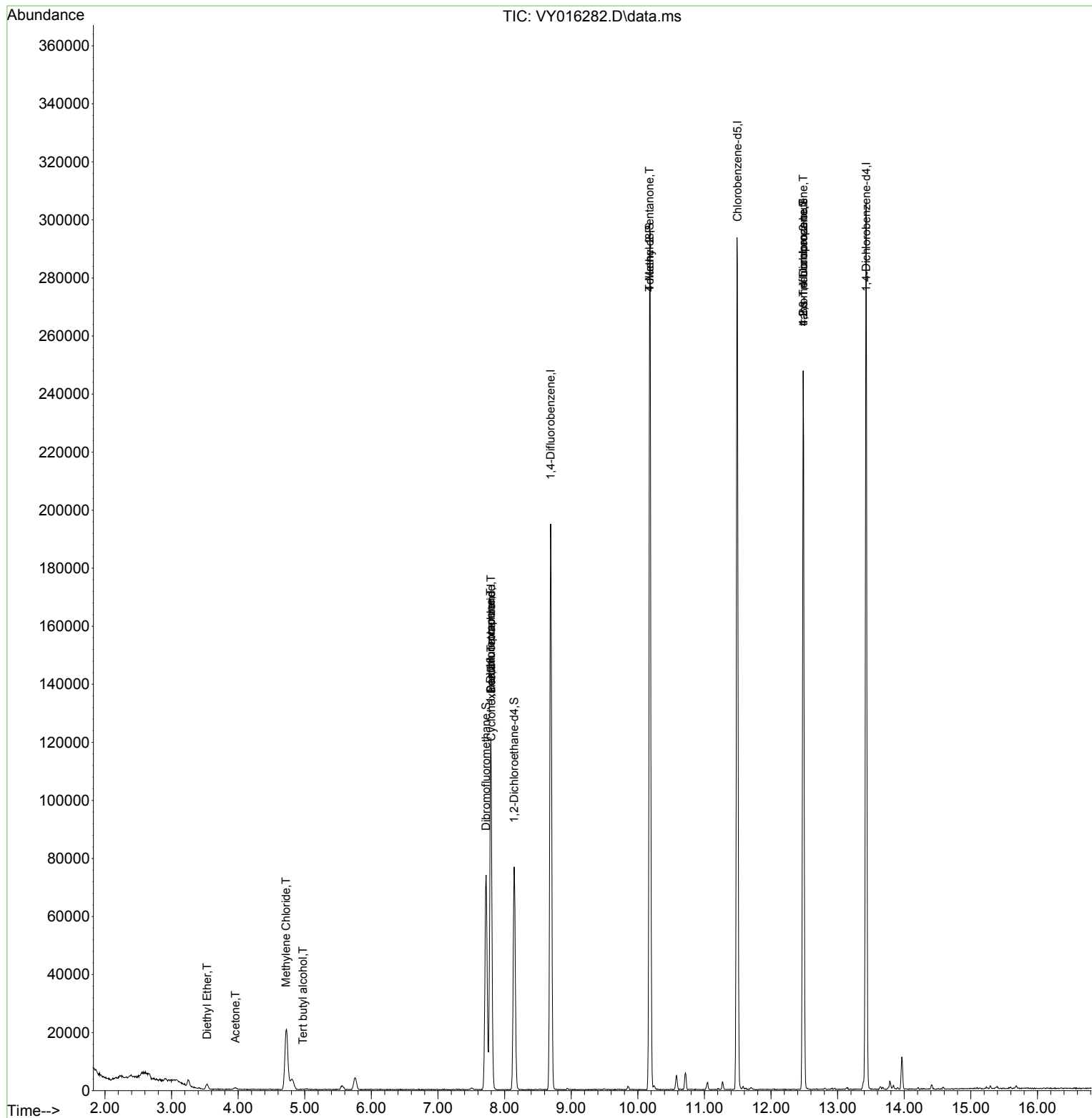
Internal Standards						
1) Pentafluorobenzene	7.795	168	95277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169747	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	166456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59974	68.873	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.740%	
35) Dibromofluoromethane	7.722	113	53444	55.424	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.179	98	201789	51.604	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.483	95	70517	55.525	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.040%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.533	74	1052	2.059	ug/l	78
11) Tert butyl alcohol	4.972	59	174	2.552	ug/l #	89
16) Acetone	3.960	43	1107	7.685	ug/l	97
20) Methylene Chloride	4.716	84	16559	13.750	ug/l #	85
31) Cyclohexane	7.801	56	1811	1.056	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	6982	4.170	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9353	5.382	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	855	1.293	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	35990	48.420	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35990	105.098	ug/l #	10

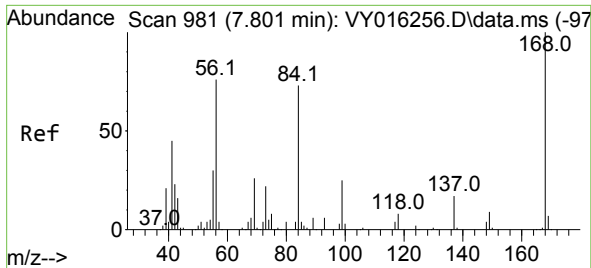
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

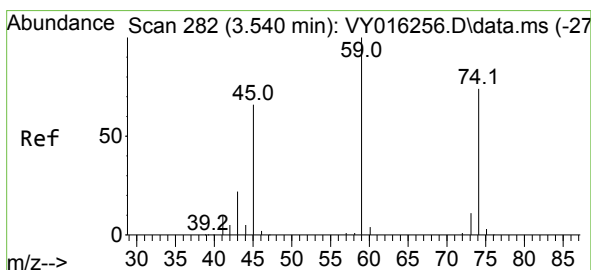
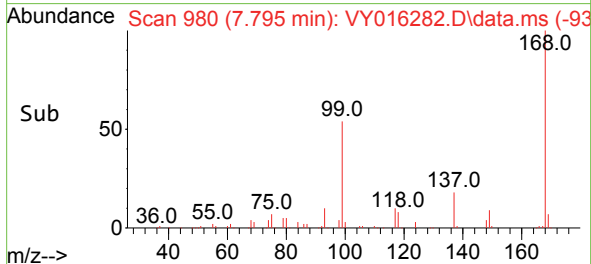
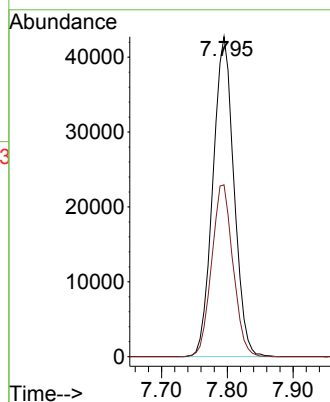
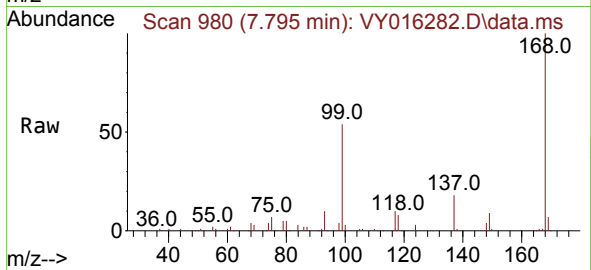




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

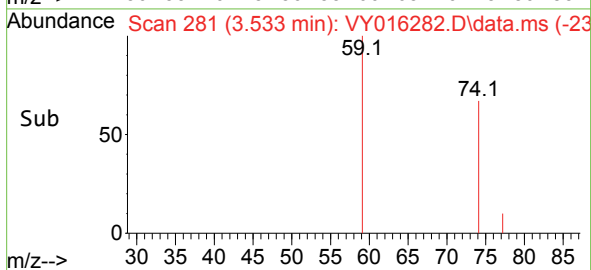
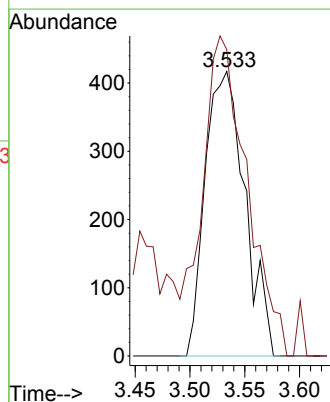
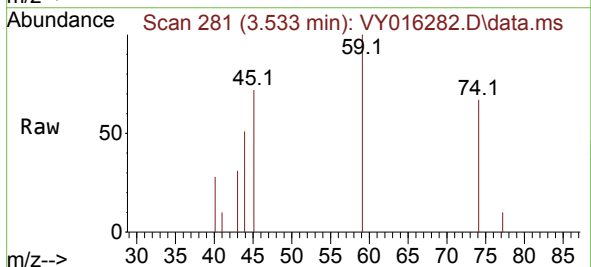
Instrument :
MSVOA_Y
ClientSampleId :

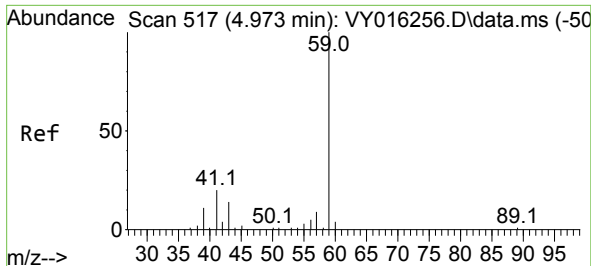
Tgt Ion:168 Resp: 95277
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#8
Diethyl Ether
Concen: 2.059 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

Tgt Ion: 74 Resp: 1052
Ion Ratio Lower Upper
74 100
45 125.5 51.5 154.5

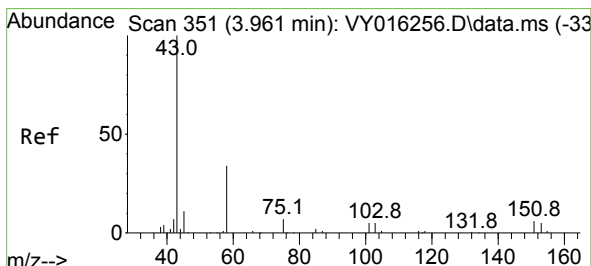
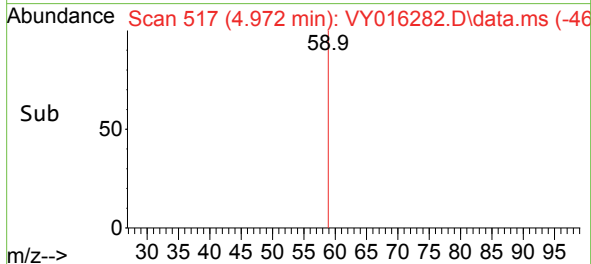
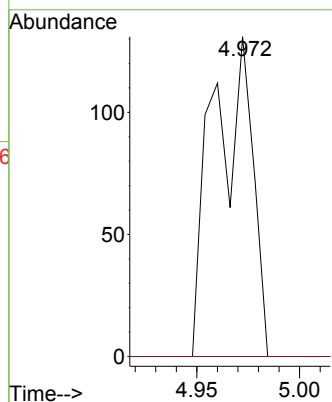
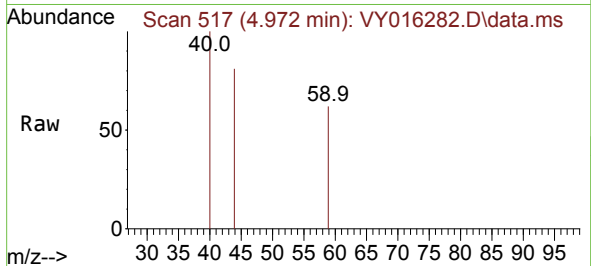




#11
Tert butyl alcohol
Concen: 2.552 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

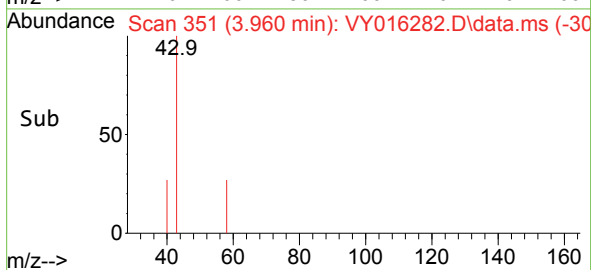
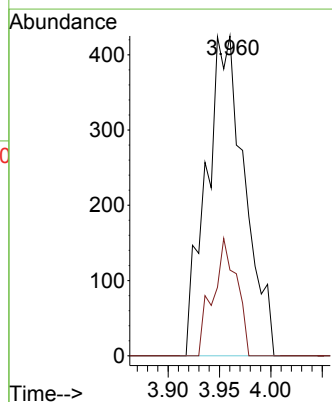
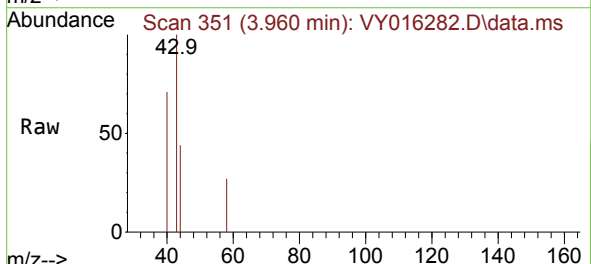
Instrument :
MSVOA_Y
ClientSampleId :

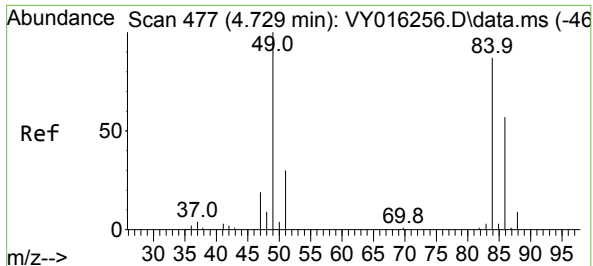
Tgt Ion: 59 Resp: 174
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 7.685 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

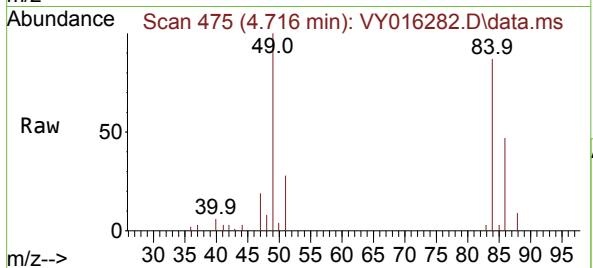
Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1



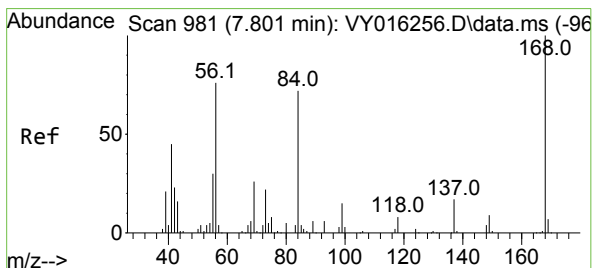
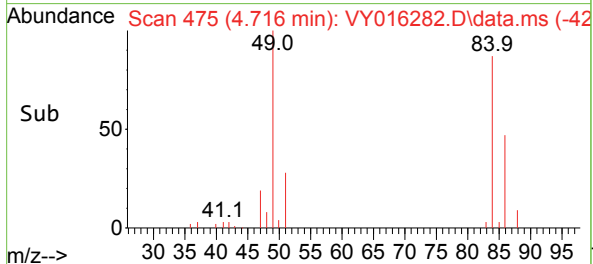
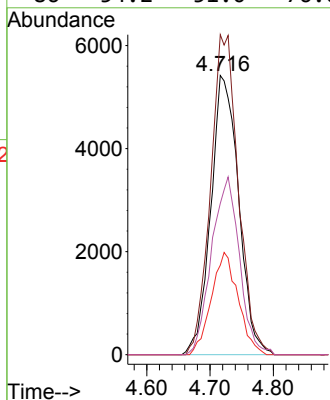


#20
Methylene Chloride
Concen: 13.750 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

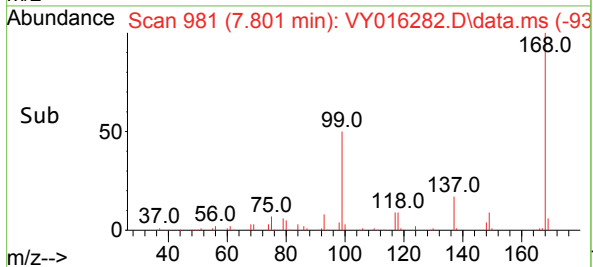
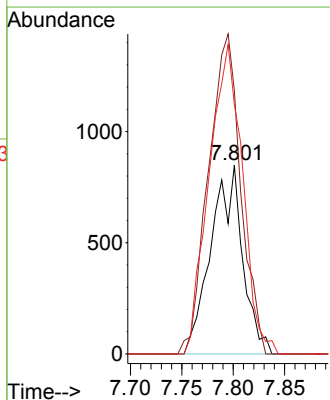
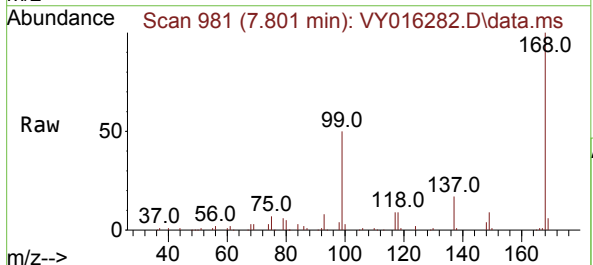


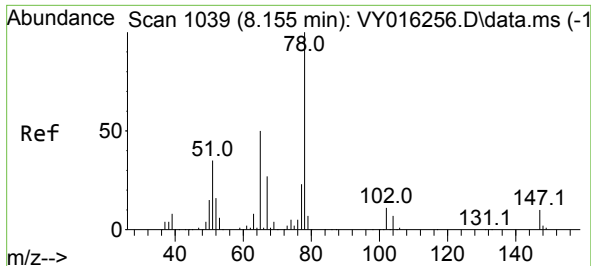
Tgt Ion: 84	Resp: 16559
Ion Ratio	Lower Upper
84 100	
49 114.6	106.9 160.3
51 32.0	33.2 49.8#
86 54.2	51.0 76.6



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

Tgt Ion: 56	Resp: 1811
Ion Ratio	Lower Upper
56 100	
69 139.5	27.8 41.6#
84 132.2	66.4 99.6#

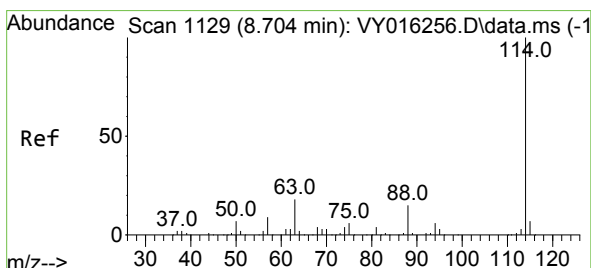
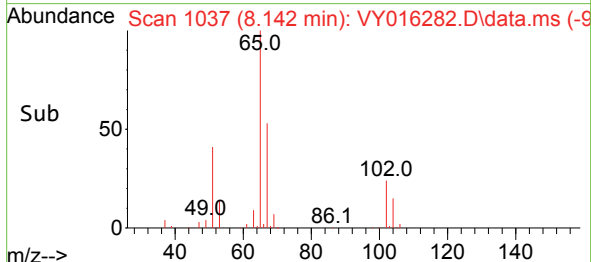
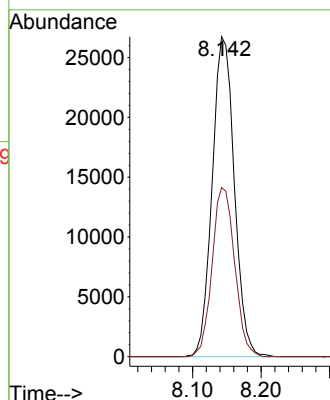
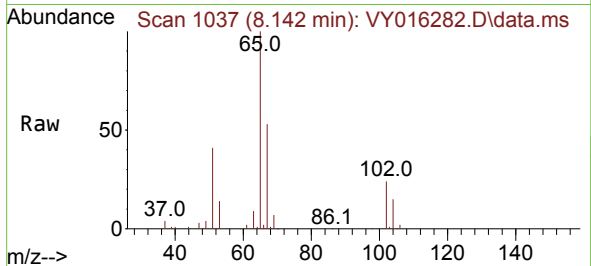




#33
 1,2-Dichloroethane-d4
 Concen: 68.873 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY016282.D
 Acq: 09 Nov 2023 15:23

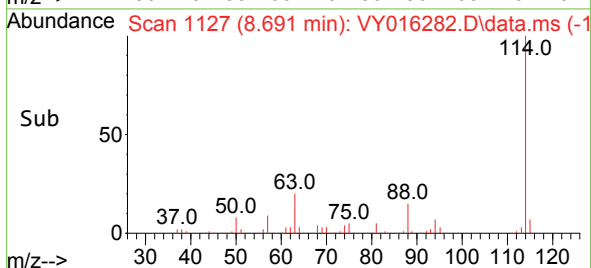
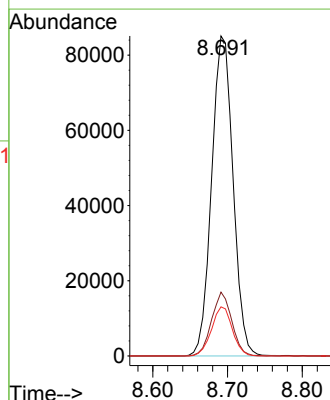
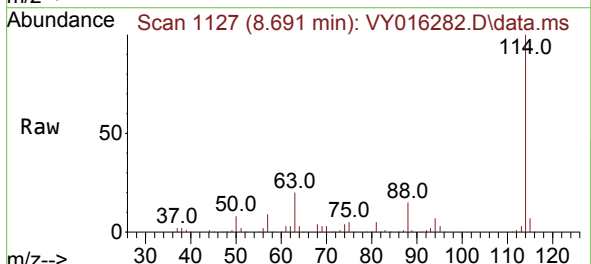
Instrument :
 MSVOA_Y
 ClientSampleId :

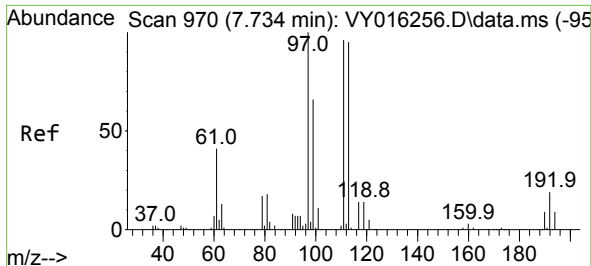
Tgt Ion: 65 Resp: 59974
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016282.D
 Acq: 09 Nov 2023 15:23

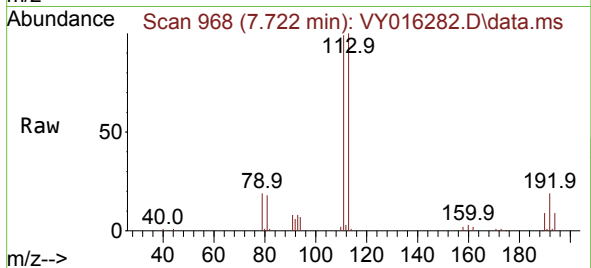
Tgt Ion: 114 Resp: 169747
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.3 0.0 30.6



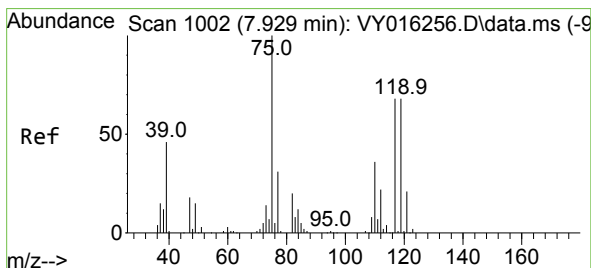
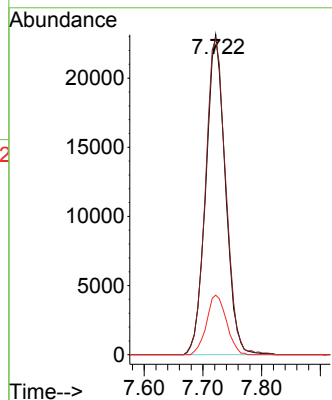
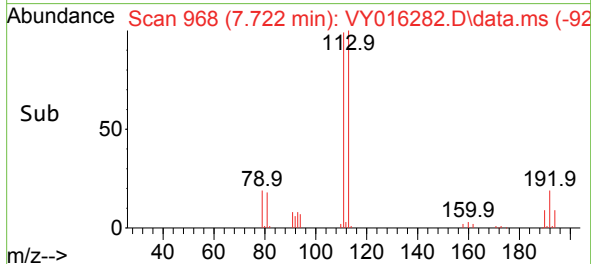


#35
Dibromofluoromethane
Concen: 55.424 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

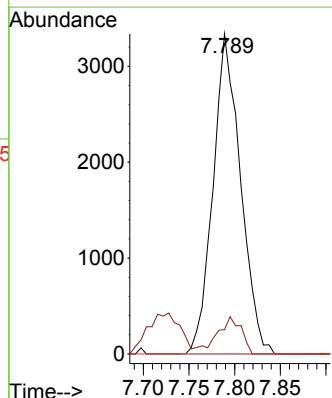
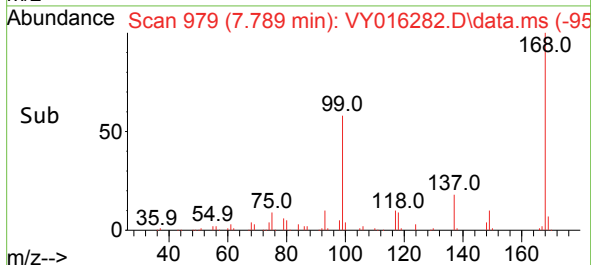
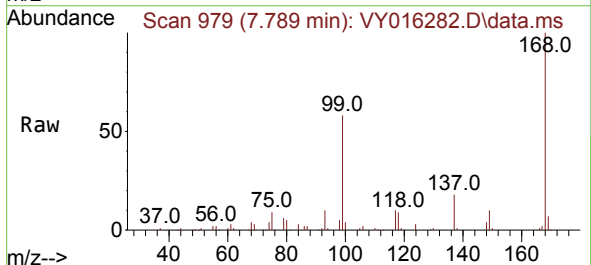


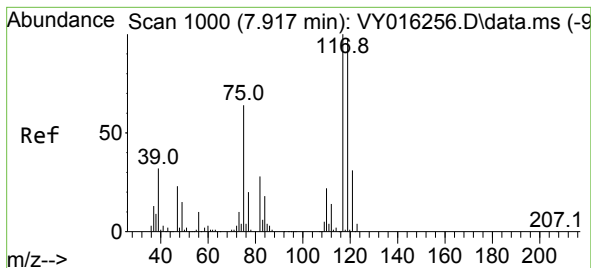
Tgt Ion:113 Resp: 53444
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.170 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.141 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

Tgt Ion: 75 Resp: 6982
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.382 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

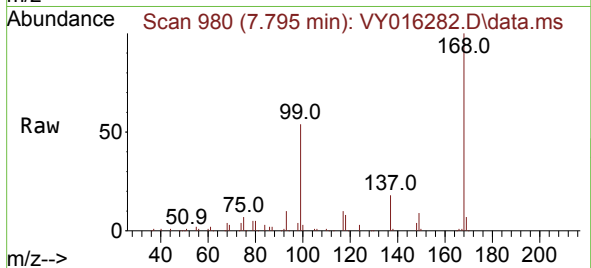
Lab File: VY016282.D

Acq: 09 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :



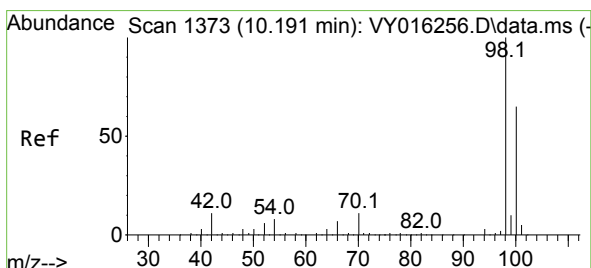
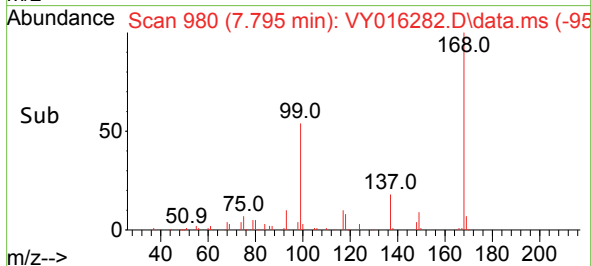
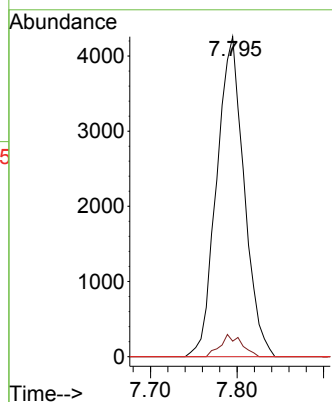
Tgt Ion:117 Resp: 9353

Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.604 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.012 min

Lab File: VY016282.D

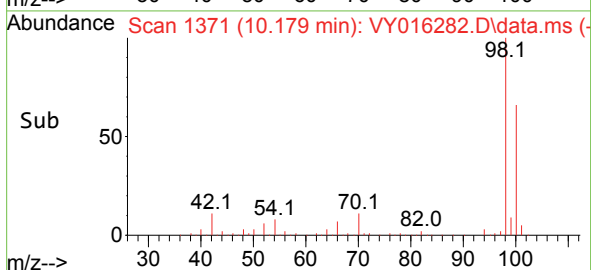
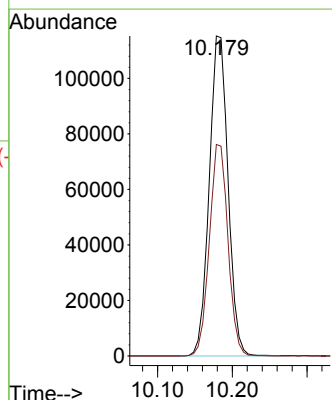
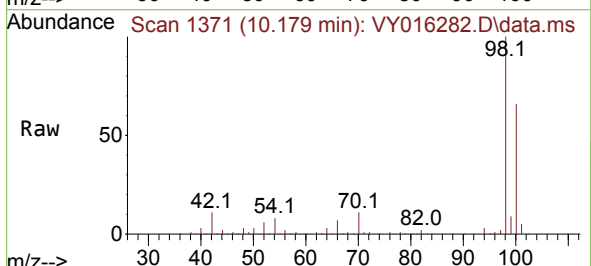
Acq: 09 Nov 2023 15:23

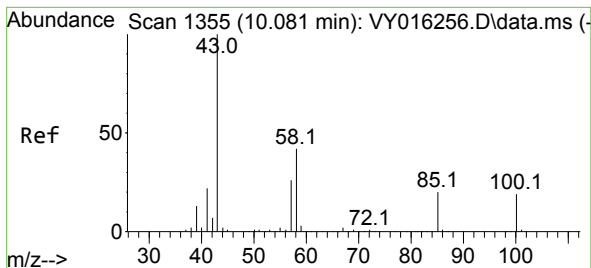
Tgt Ion: 98 Resp: 201789

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

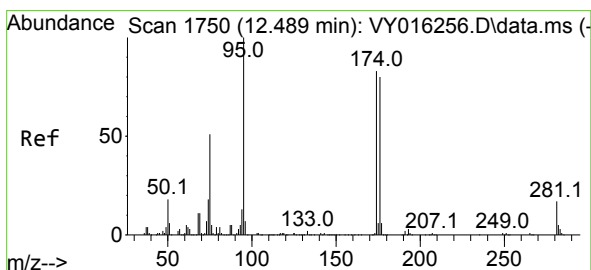
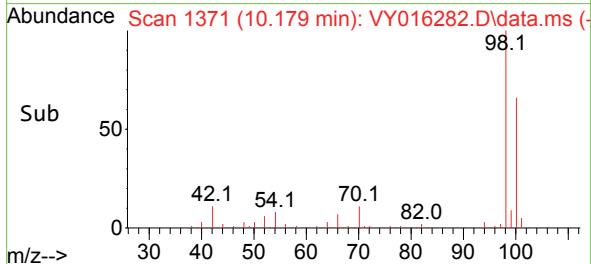
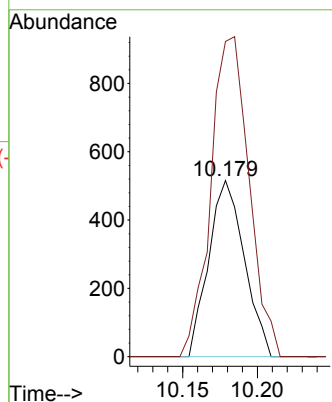
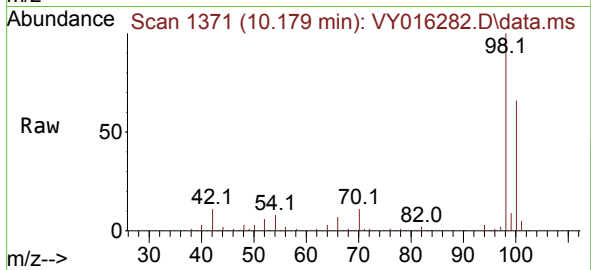




#51
4-Methyl-2-Pentanone
Concen: 1.293 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

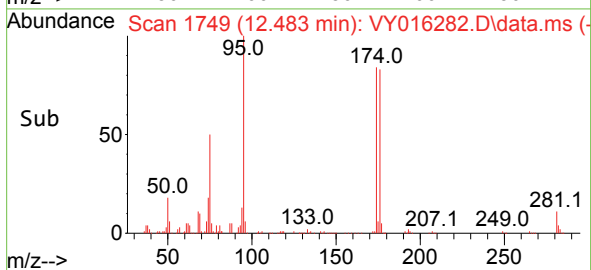
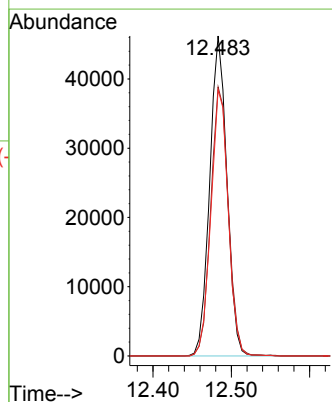
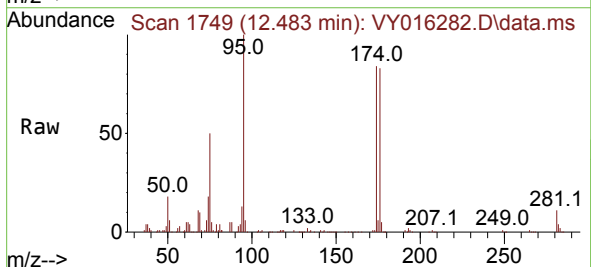
Instrument :
MSVOA_Y
ClientSampleId :

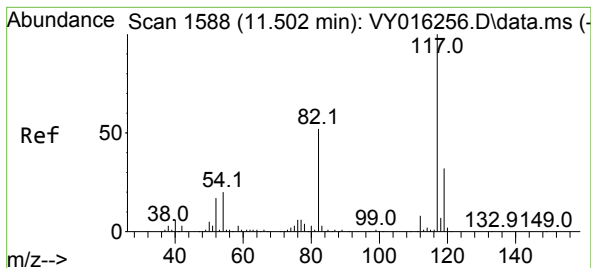
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 195.2 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 55.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

Tgt Ion: 95 Resp: 70517
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016282.D

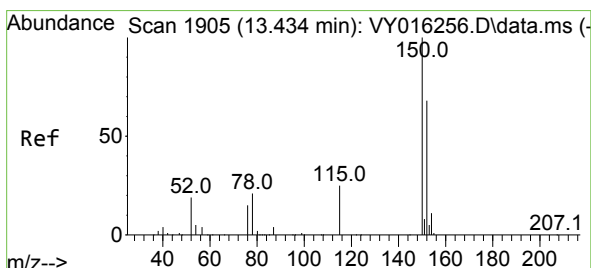
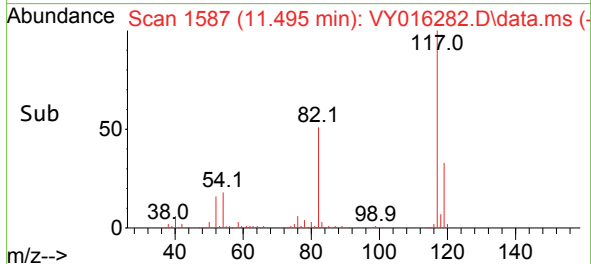
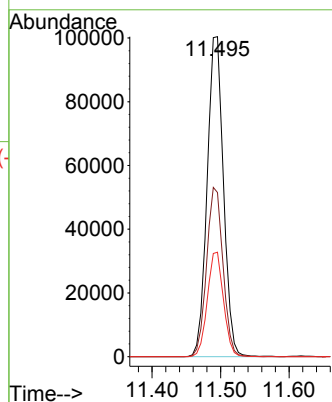
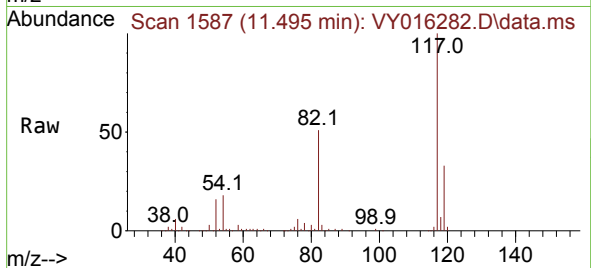
Acq: 09 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp: 166456
Ion Ratio	Lower Upper
117 100	
82 51.3	43.4 65.0
119 32.6	26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

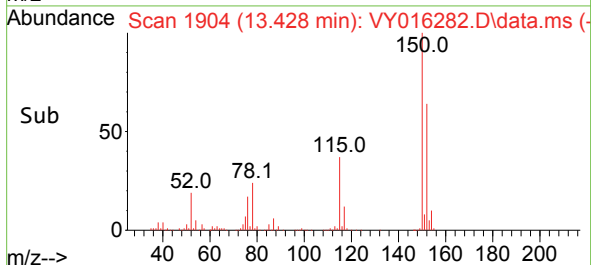
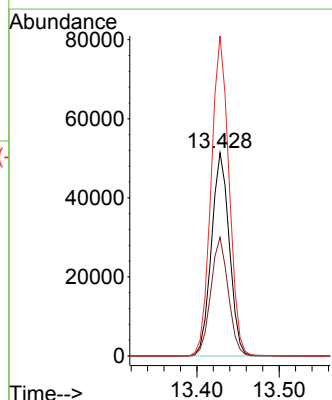
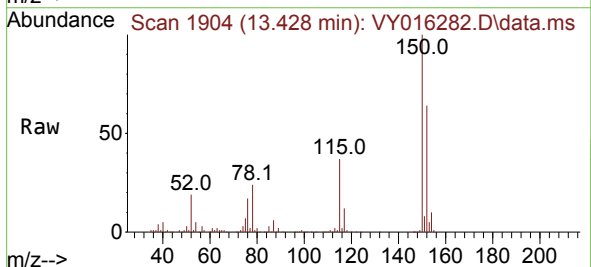
RT: 13.428 min Scan# 1904

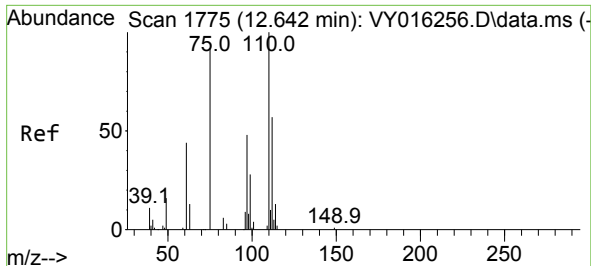
Delta R.T. -0.006 min

Lab File: VY016282.D

Acq: 09 Nov 2023 15:23

Tgt Ion:152	Resp: 77484
Ion Ratio	Lower Upper
152 100	
115 57.0	28.8 86.5
150 157.4	0.0 348.8

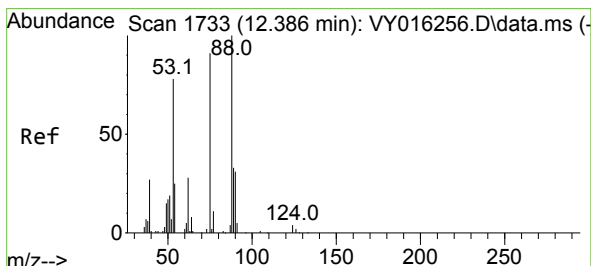
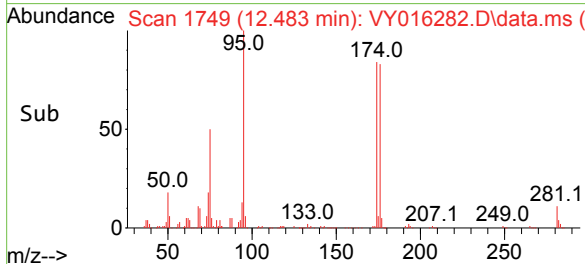
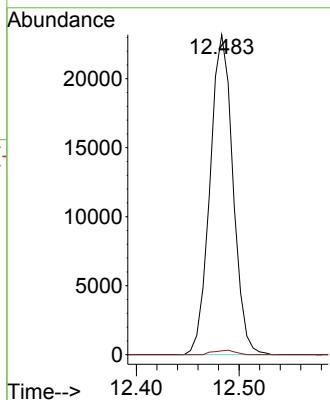
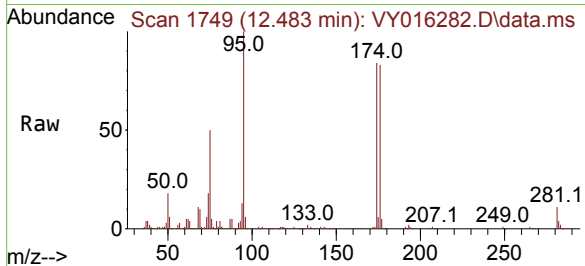




#76
1,2,3-Trichloropropane
Concen: 48.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35990
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.098 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016282.D
Acq: 09 Nov 2023 15:23

Tgt Ion: 75 Resp: 35990
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

