

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016422.D
 Acq On : 20 Nov 2023 13:21
 Operator : SY/MD
 Sample : VY1120SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 05:11:40 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)

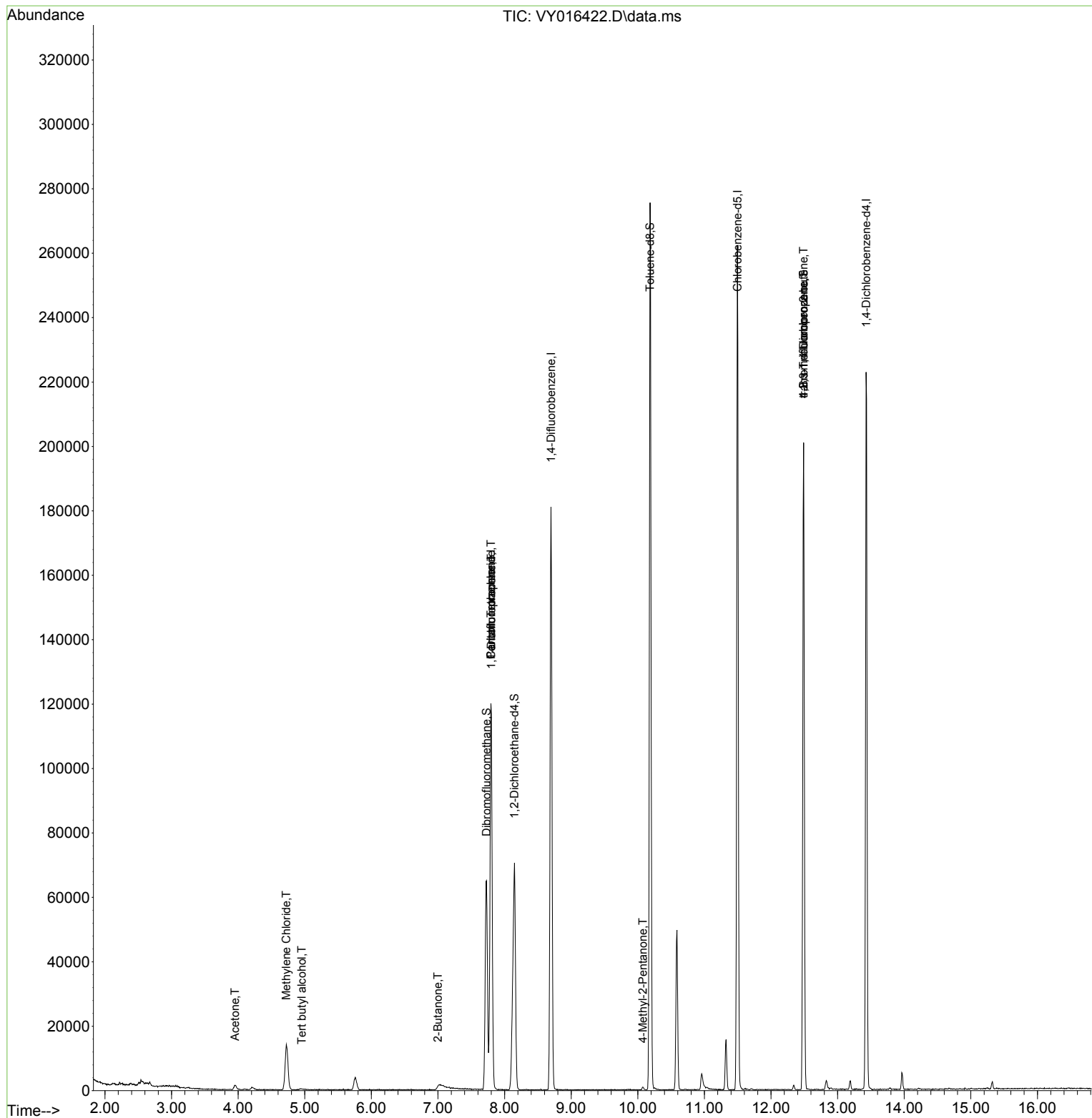
Internal Standards						
1) Pentafluorobenzene	7.795	168	95238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	160842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	146805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46310	53.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.400%	
35) Dibromofluoromethane	7.728	113	47787	52.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.600%	
50) Toluene-d8	10.185	98	186611	50.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.489	95	56801	47.201	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	563	8.260	ug/l #	89
16) Acetone	3.954	43	2581	17.926	ug/l #	72
20) Methylene Chloride	4.722	84	11030	7.914	ug/l #	89
25) 2-Butanone	6.996	43	612	2.427	ug/l #	49
36) 1,1-Dichloropropene	7.801	75	7366	4.643	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9499	5.769	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	783	1.250	ug/l	90
76) 1,2,3-Trichloropropane	12.489	75	29504	51.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	29504	111.567	ug/l #	11

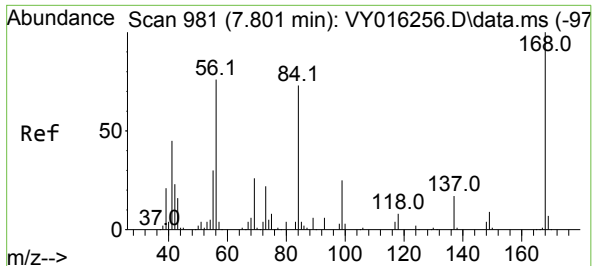
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
Data File : VY016422.D
Acq On : 20 Nov 2023 13:21
Operator : SY/MD
Sample : VY1120SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 21 05:11:40 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

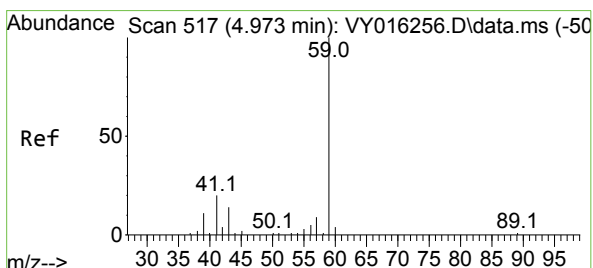
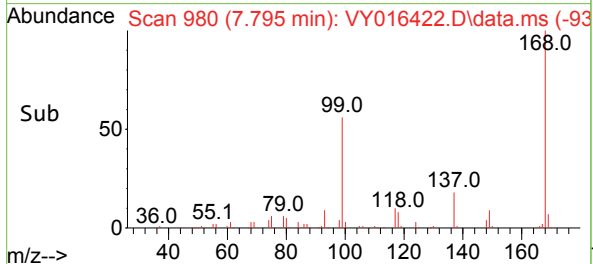
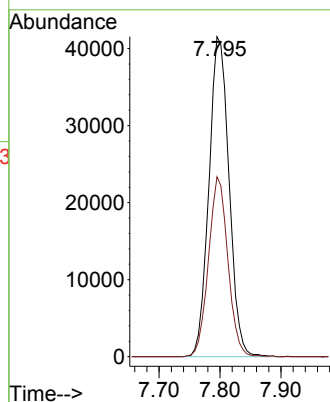
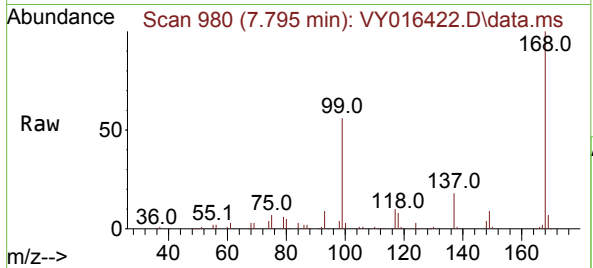




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

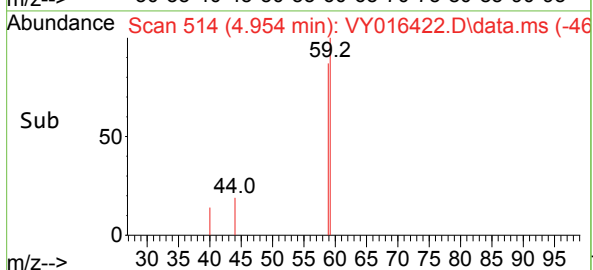
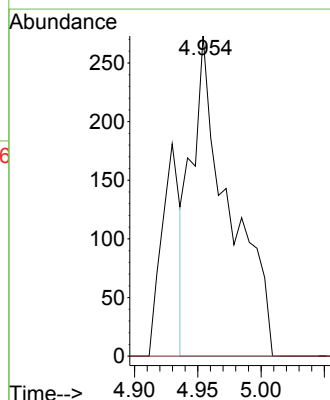
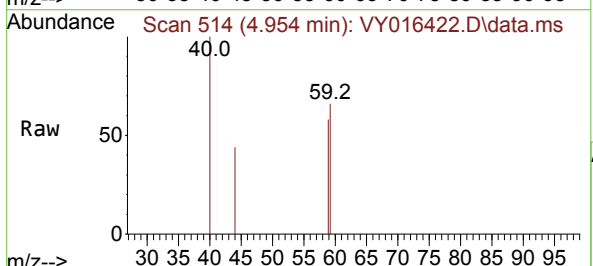
Instrument :
MSVOA_Y
ClientSampleId :

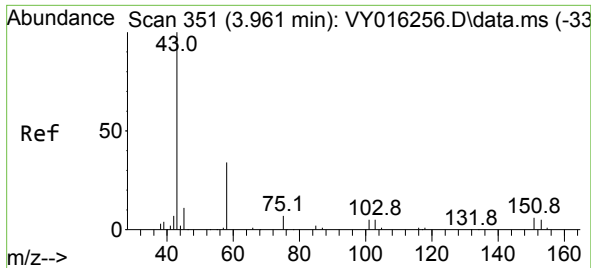
Tgt Ion:168 Resp: 95238
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.260 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

Tgt Ion: 59 Resp: 563
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

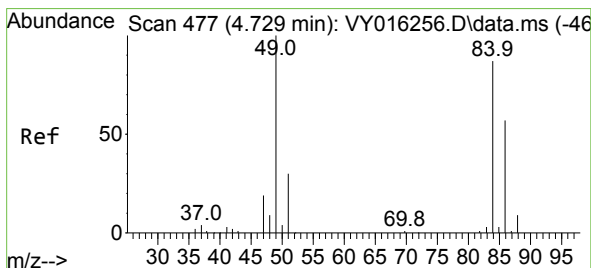
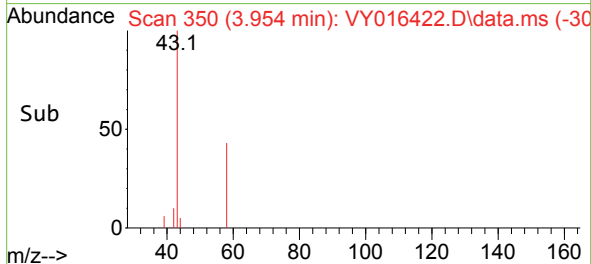
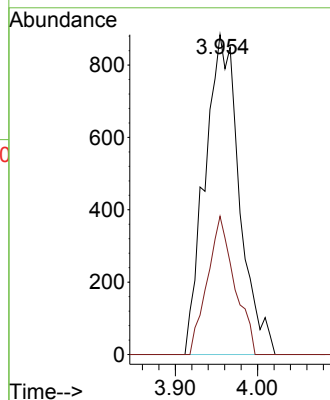
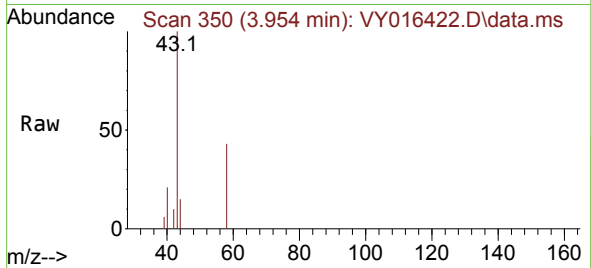




#16
Acetone
Concen: 17.926 ug/l
RT: 3.954 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

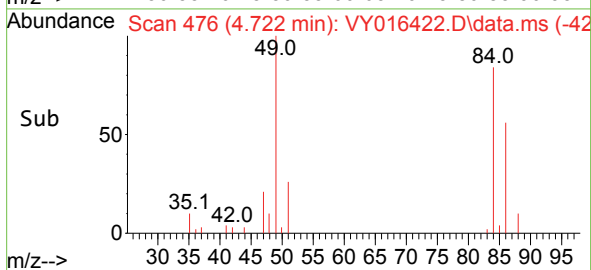
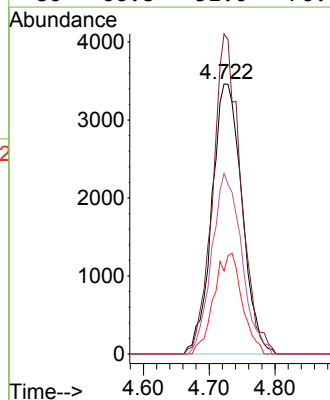
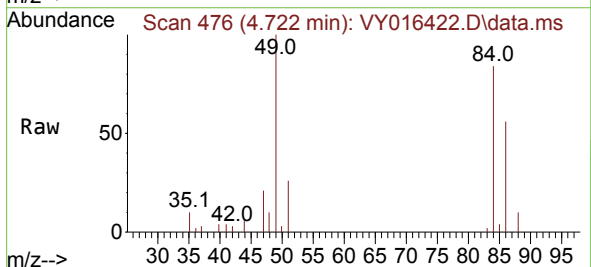
Instrument :
MSVOA_Y
ClientSampleId :

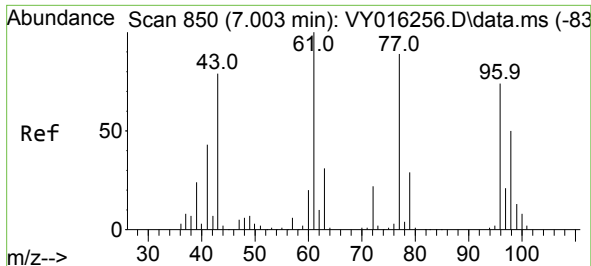
Tgt Ion: 43 Resp: 2581
Ion Ratio Lower Upper
43 100
58 43.2 22.7 34.1#



#20
Methylene Chloride
Concen: 7.914 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

Tgt Ion: 84 Resp: 11030
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 30.8 33.2 49.8#
86 66.8 51.0 76.6

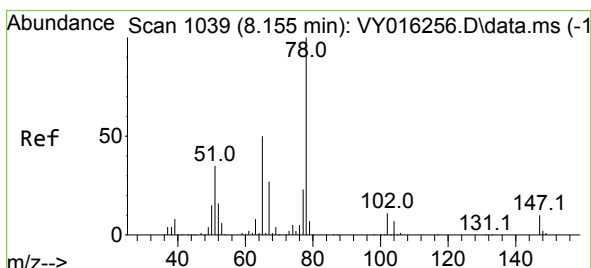
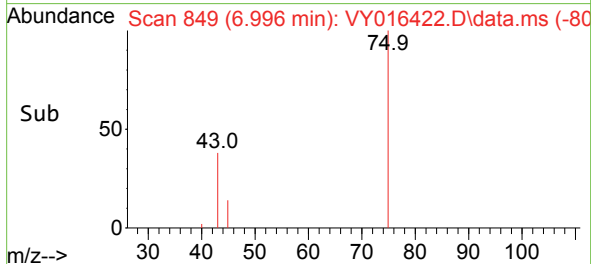
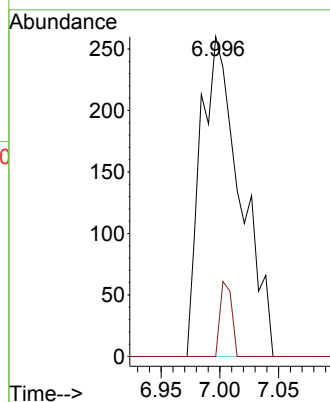
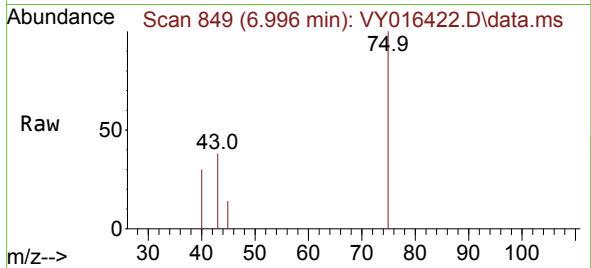




#25
2-Butanone
Concen: 2.427 ug/l
RT: 6.996 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

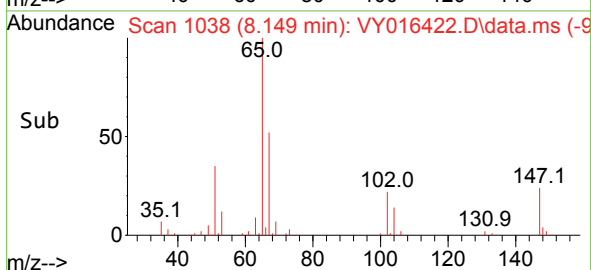
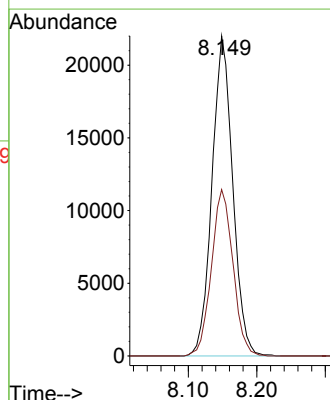
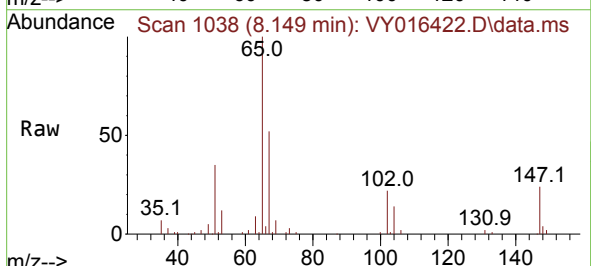
Instrument :
MSVOA_Y
ClientSampleId :

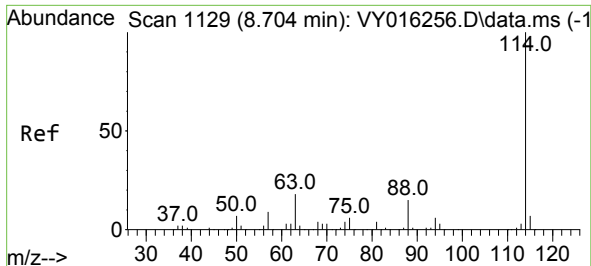
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 53.203 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

Tgt Ion: 65 Resp: 46310
Ion Ratio Lower Upper
65 100
67 54.0 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: VY016422.D

Acq: 20 Nov 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

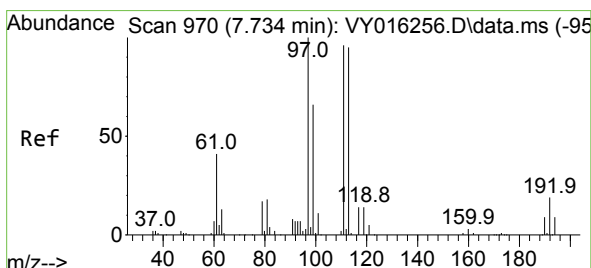
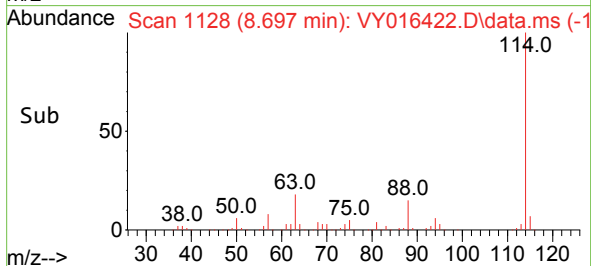
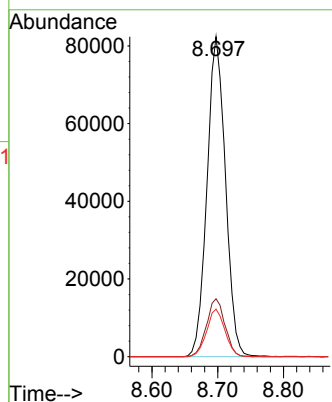
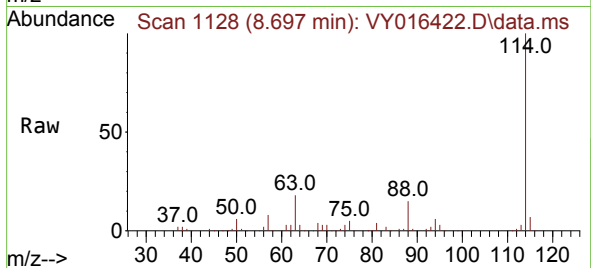
Tgt Ion:114 Resp: 160842

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.301 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016422.D

Acq: 20 Nov 2023 13:21

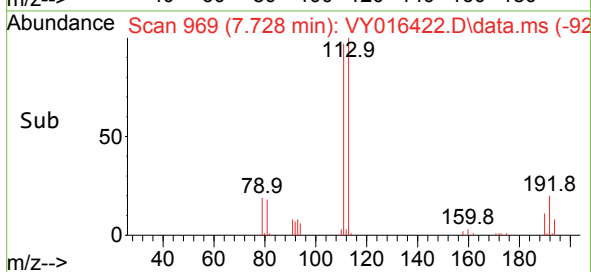
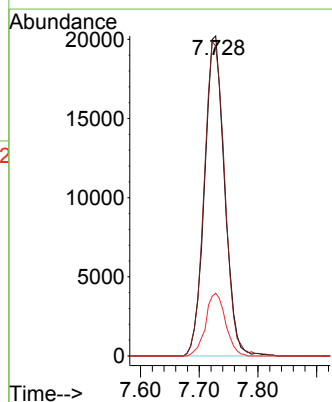
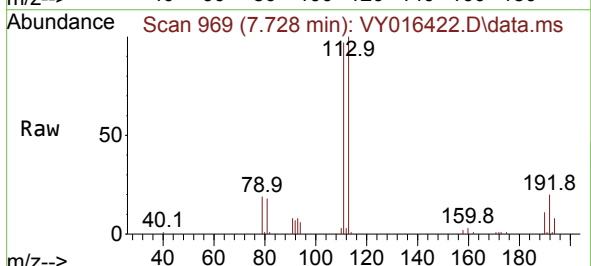
Tgt Ion:113 Resp: 47787

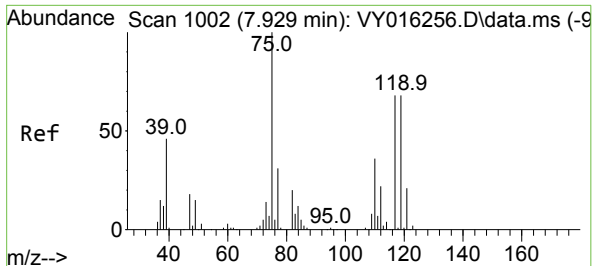
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 19.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY016422.D

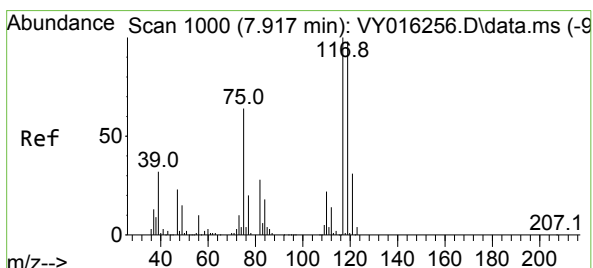
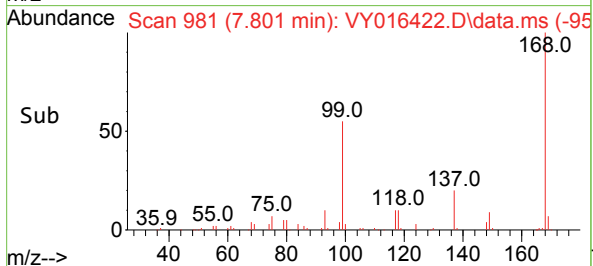
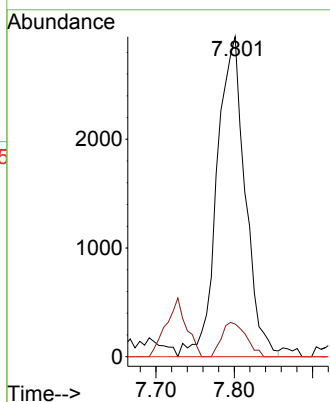
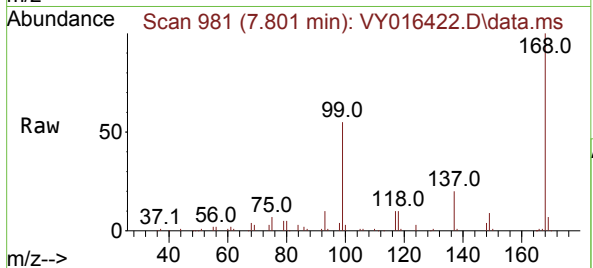
Acq: 20 Nov 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 7366
Ion Ratio	Lower Upper
75 100	
110 9.3	17.8 53.5#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.769 ug/l

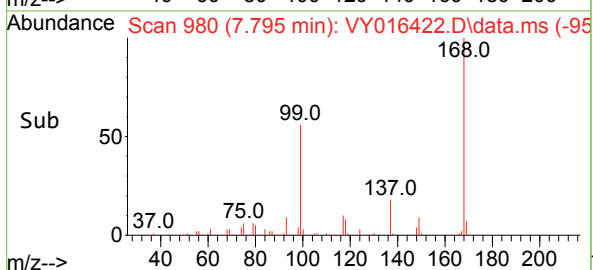
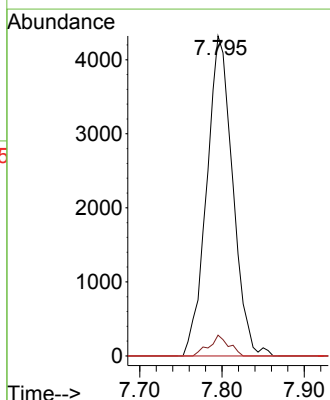
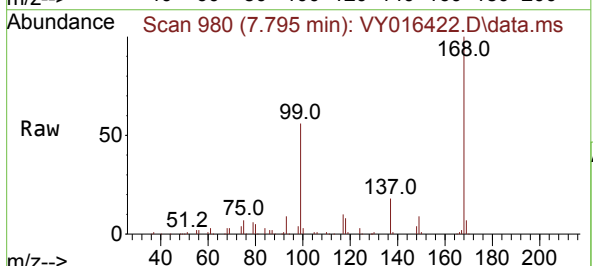
RT: 7.795 min Scan# 980

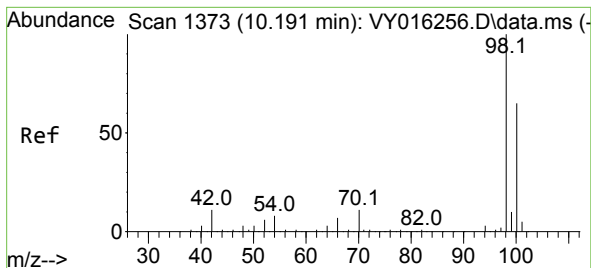
Delta R.T. -0.122 min

Lab File: VY016422.D

Acq: 20 Nov 2023 13:21

Tgt Ion: 117	Resp: 9499
Ion Ratio	Lower Upper
117 100	
119 6.5	76.4 114.6#
121 0.0	25.8 38.6#





#50

Toluene-d8

Concen: 50.365 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016422.D

Acq: 20 Nov 2023 13:21

Instrument :

MSVOA_Y

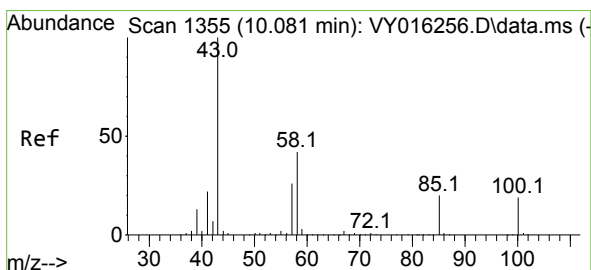
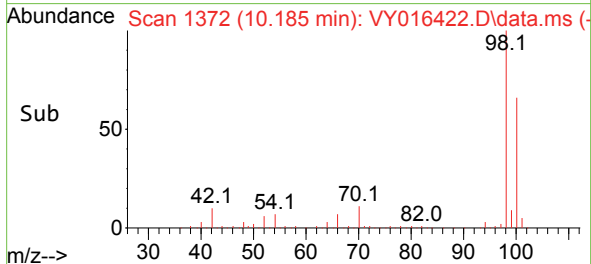
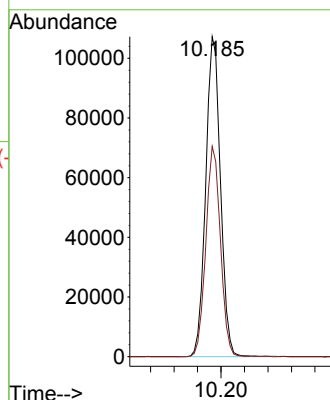
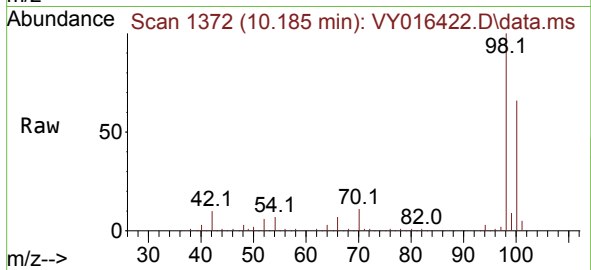
ClientSampleId :

Tgt Ion: 98 Resp: 186611

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.250 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016422.D

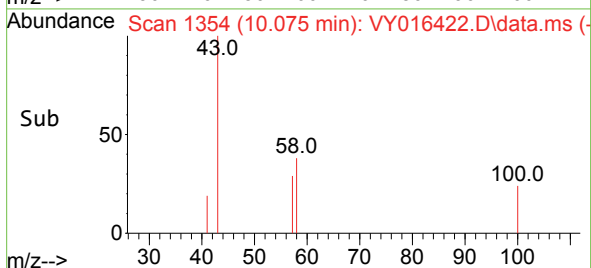
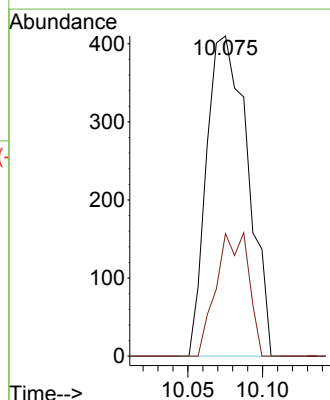
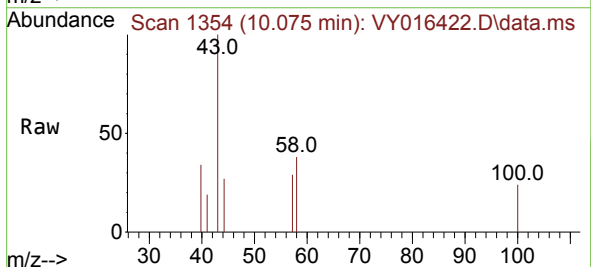
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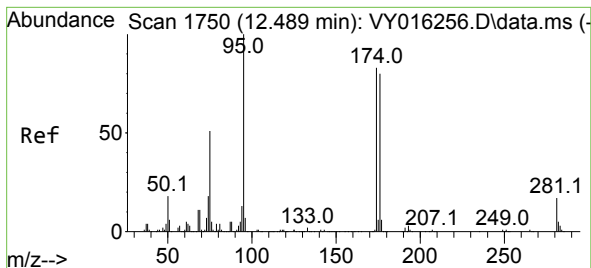
Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

58 30.3 29.0 43.6

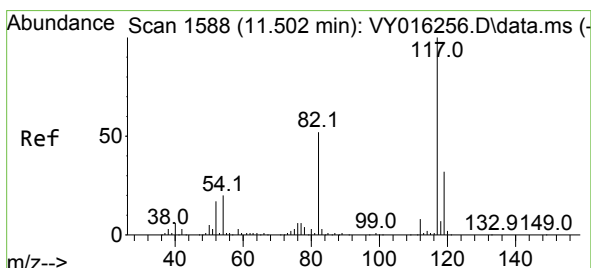
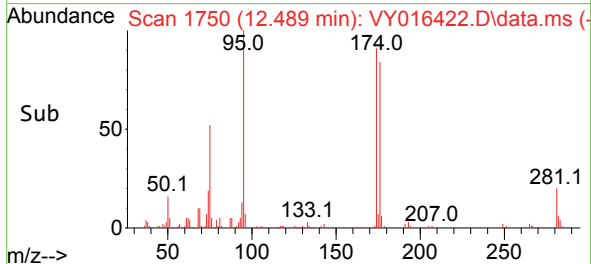
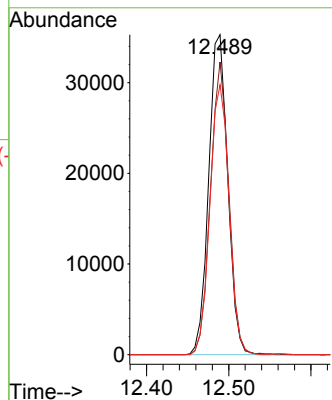
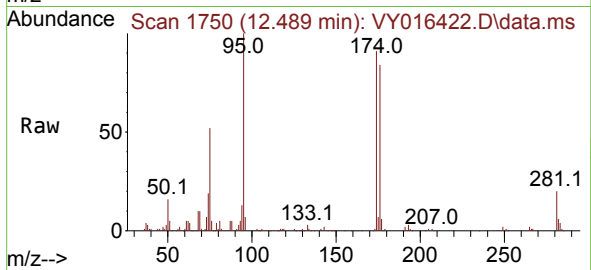




#62
4-Bromofluorobenzene
Concen: 47.201 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

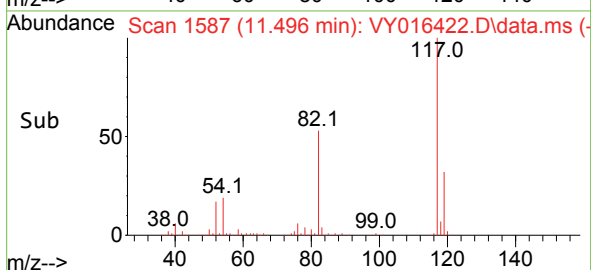
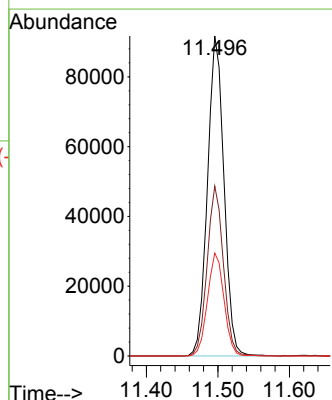
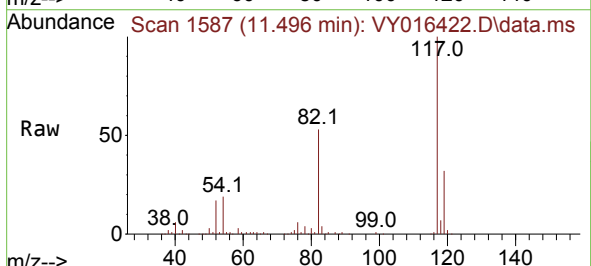
Instrument :
MSVOA_Y
ClientSampleId :

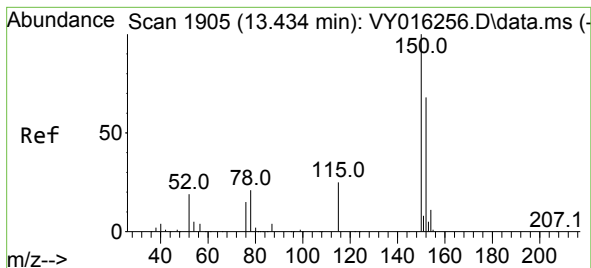
Tgt Ion: 95 Resp: 56801
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 84.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016422.D
Acq: 20 Nov 2023 13:21

Tgt Ion: 117 Resp: 146805
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

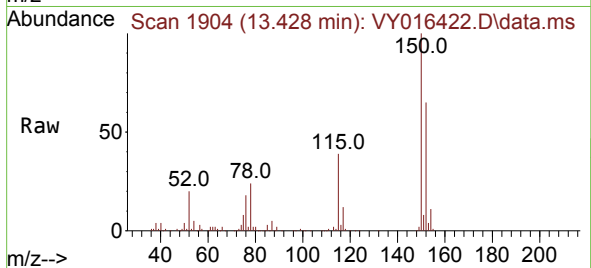
Lab File: VY016422.D

Acq: 20 Nov 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :



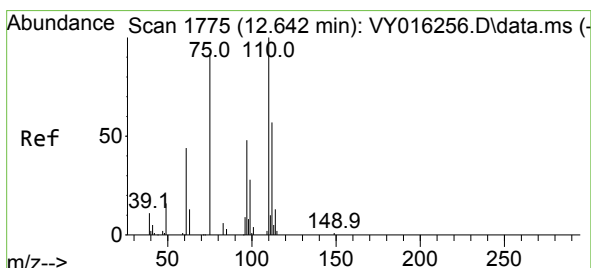
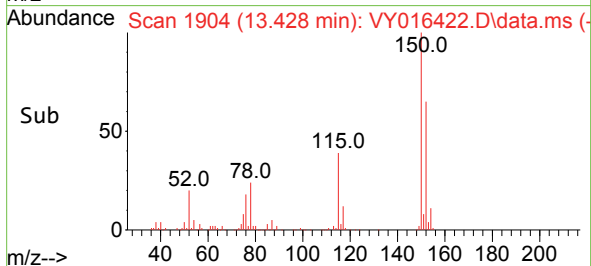
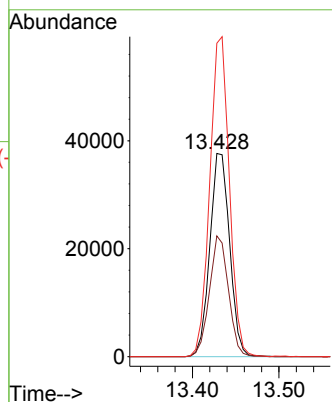
Tgt Ion:152 Resp: 59837

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 155.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 51.400 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016422.D

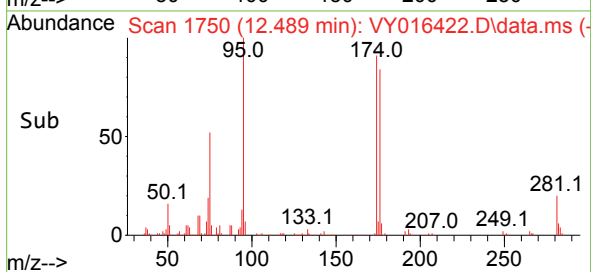
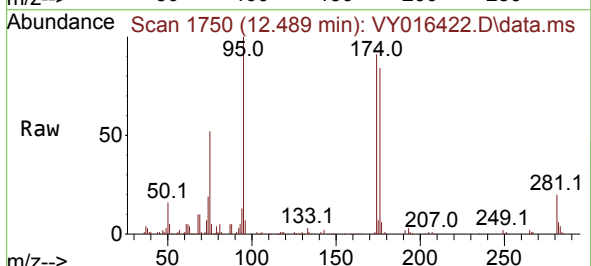
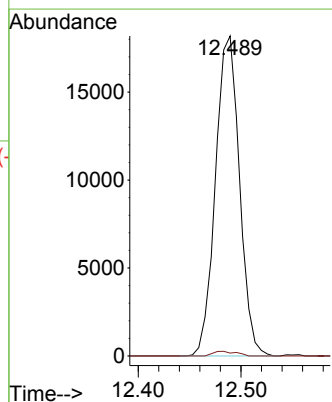
Acq: 20 Nov 2023 13:21

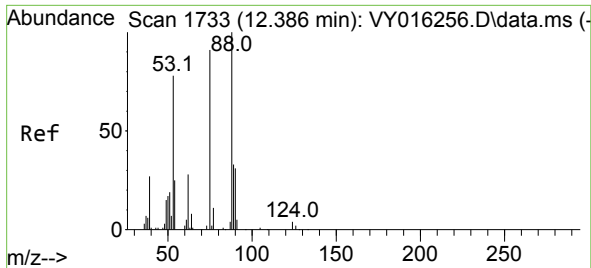
Tgt Ion: 75 Resp: 29504

Ion Ratio Lower Upper

75 100

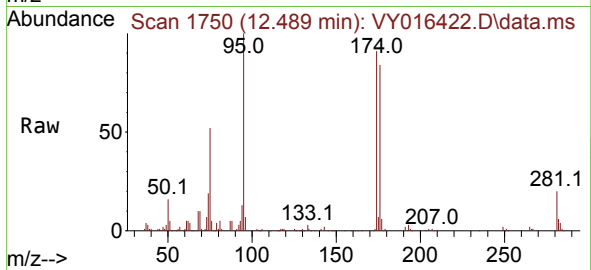
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.567 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016422.D
 Acq: 20 Nov 2023 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	29504
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

