

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016822.D
 Acq On : 22 Dec 2023 20:41
 Operator : SY/MD
 Sample : 05879-18
 Misc : 3.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 22 23:05:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

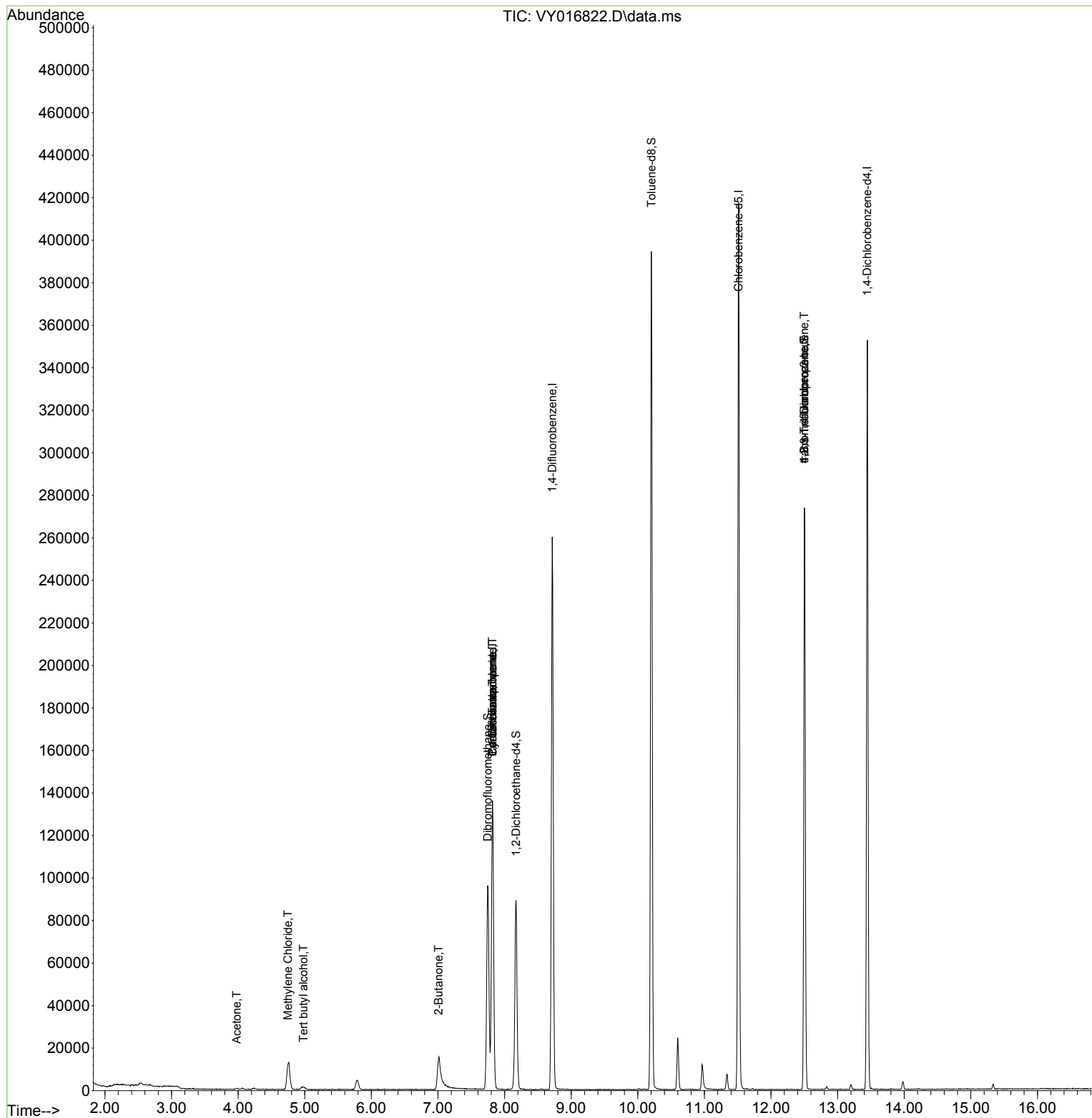
Internal Standards						
1) Pentafluorobenzene	7.819	168	101254	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	223513	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	226608	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	85892	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	66857	72.329	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.660%
35) Dibromofluoromethane	7.746	113	71180	55.595	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.180%
50) Toluene-d8	10.203	98	256384	55.549	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.100%
62) 4-Bromofluorobenzene	12.502	95	82778	55.281	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	2098	27.683	ug/l #	75
16) Acetone	3.979	43	957	3.829	ug/l	92
20) Methylene Chloride	4.747	84	10087	5.135	ug/l	94
25) 2-Butanone	7.009	43	440	1.279	ug/l #	48
31) Cyclohexane	7.819	56	2397	1.353	ug/l #	30
36) 1,1-Dichloropropene	7.819	75	9365	4.563	ug/l #	48
38) Carbon Tetrachloride	7.819	117	10645	5.241	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	43646	45.968	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	43646	107.953	ug/l #	12

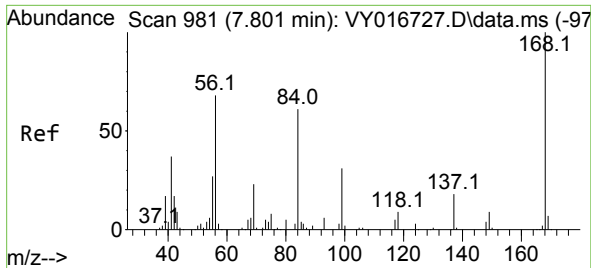
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016822.D
Acq On : 22 Dec 2023 20:41
Operator : SY/MD
Sample : 05879-18
Misc : 3.21g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 22 23:05:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

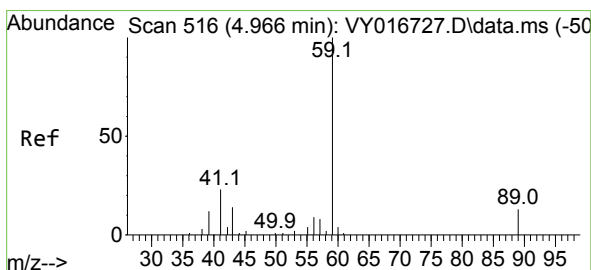
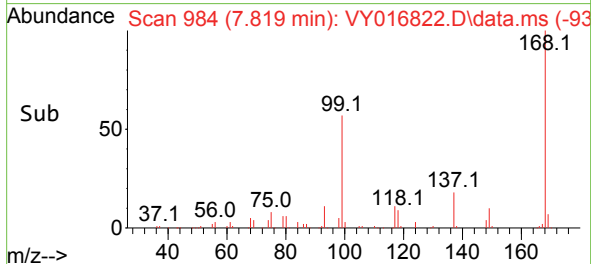
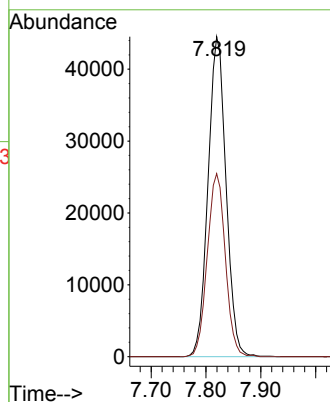
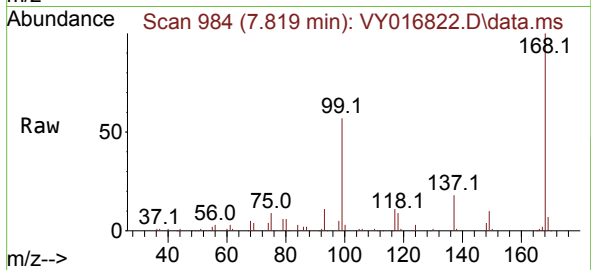




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

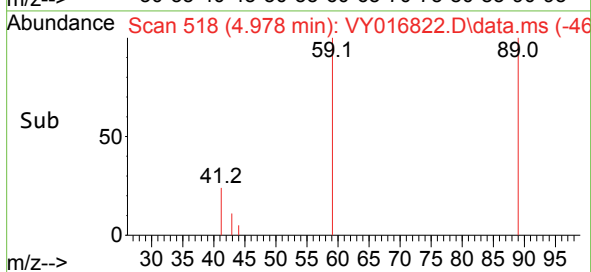
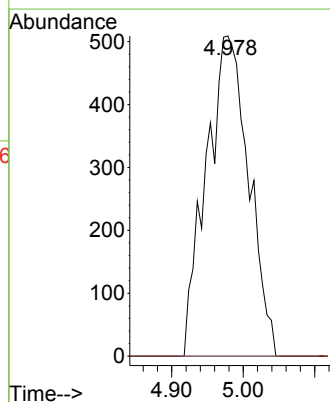
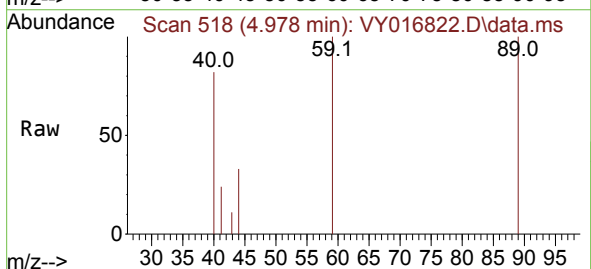
Instrument :
MSVOA_Y
ClientSampleId :

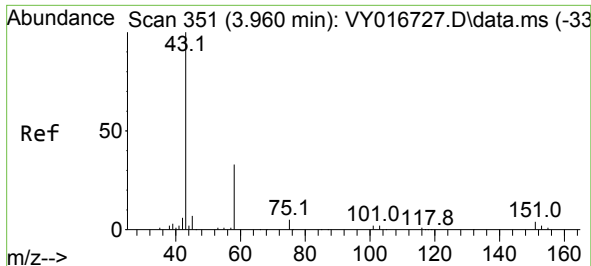
Tgt Ion:168 Resp: 101254
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#11
Tert butyl alcohol
Concen: 27.683 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Tgt Ion: 59 Resp: 2098
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

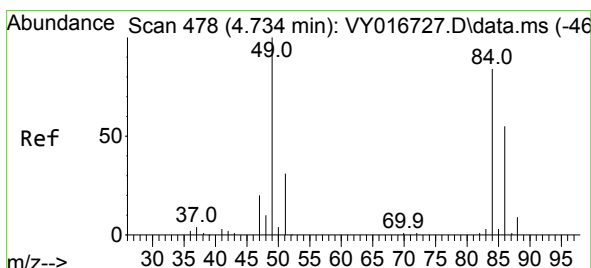
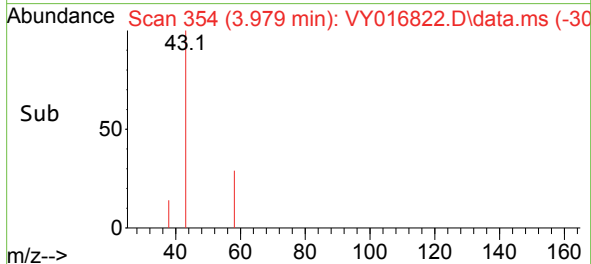
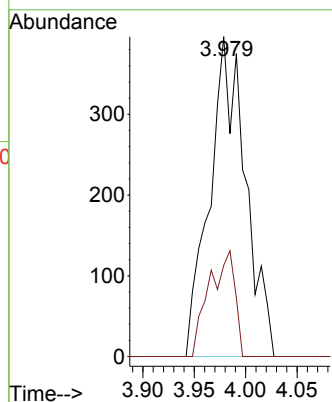
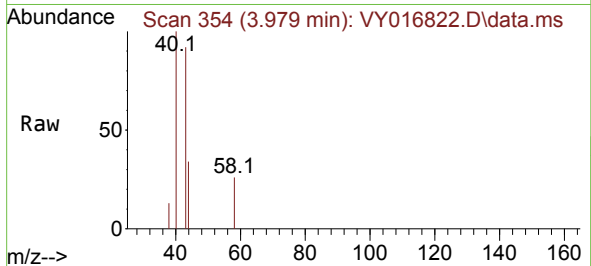




#16
Acetone
Concen: 3.829 ug/l
RT: 3.979 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

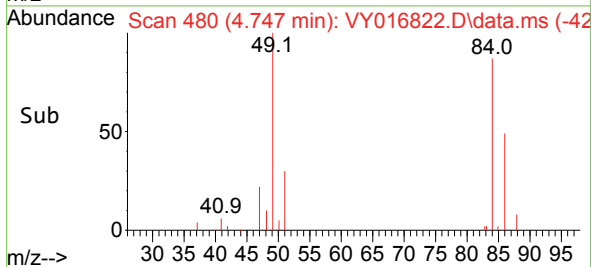
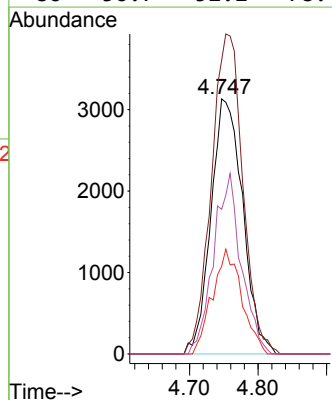
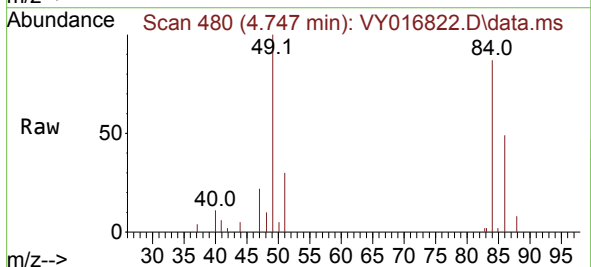
Instrument :
MSVOA_Y
ClientSampleId :

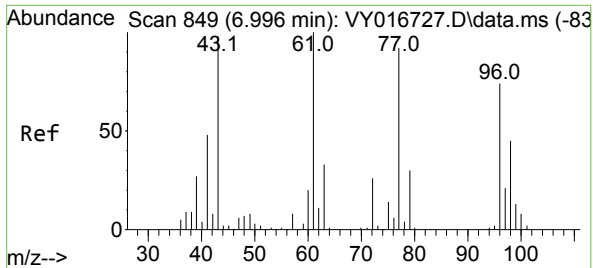
Tgt Ion: 43 Resp: 957
Ion Ratio Lower Upper
43 100
58 28.5 26.6 39.8



#20
Methylene Chloride
Concen: 5.135 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Tgt Ion: 84 Resp: 10087
Ion Ratio Lower Upper
84 100
49 115.1 95.2 142.8
51 34.4 29.9 44.9
86 56.7 52.2 78.4





#25

2-Butanone

Concen: 1.279 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY016822.D

Acq: 22 Dec 2023 20:41

Instrument :

MSVOA_Y

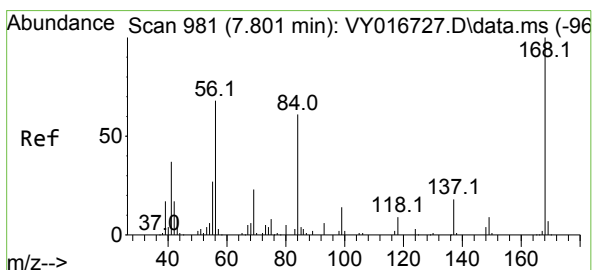
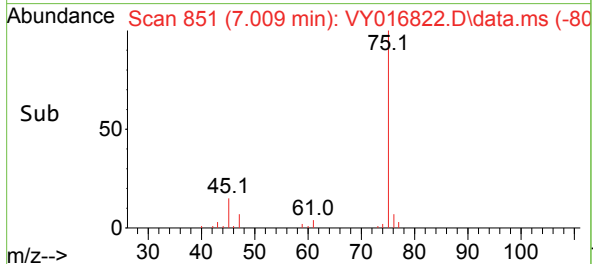
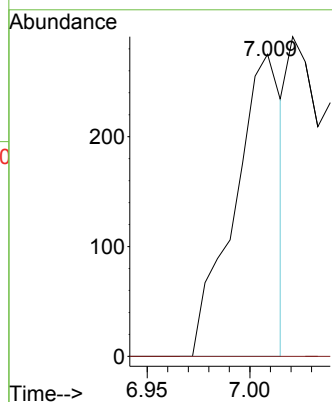
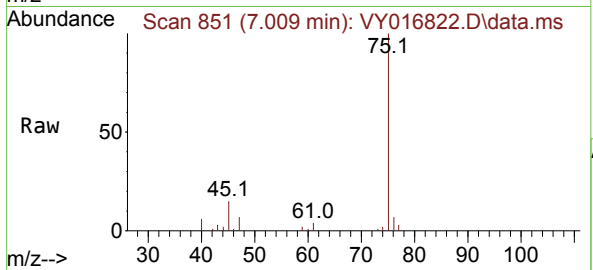
ClientSampleId :

Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.353 ug/l

RT: 7.819 min Scan# 984

Delta R.T. 0.018 min

Lab File: VY016822.D

Acq: 22 Dec 2023 20:41

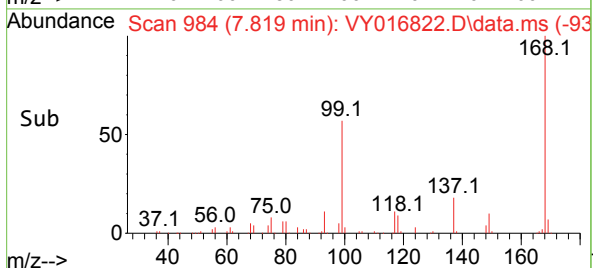
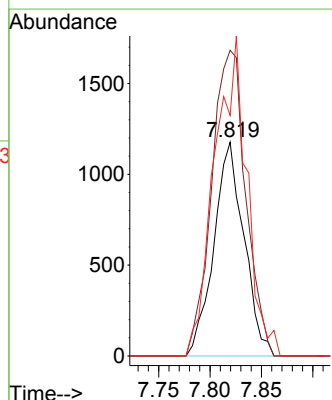
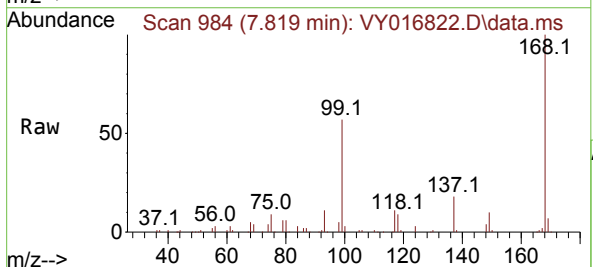
Tgt Ion: 56 Resp: 2397

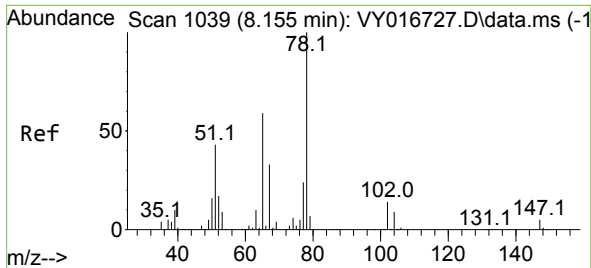
Ion Ratio Lower Upper

56 100

69 143.1 27.0 40.6#

84 112.5 71.8 107.6#

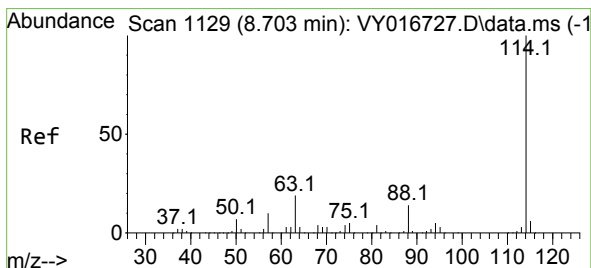
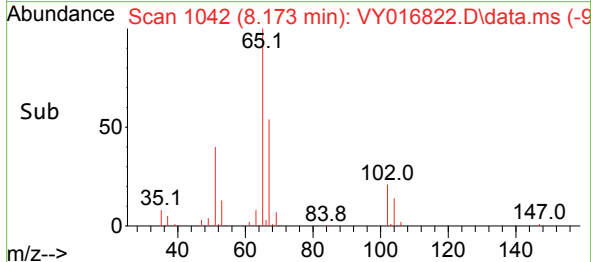
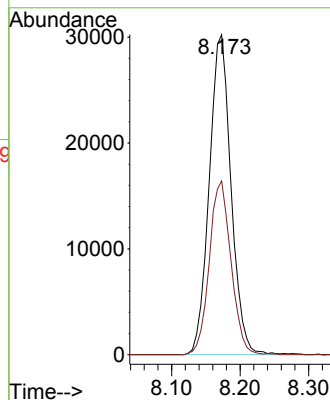
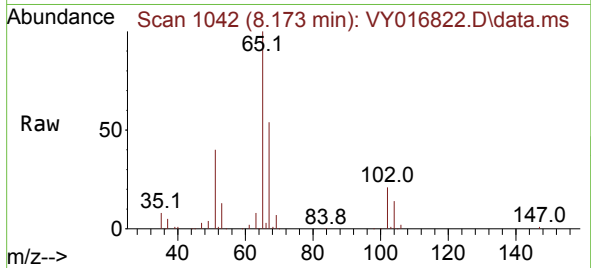




#33
 1,2-Dichloroethane-d4
 Concen: 72.329 ug/l
 RT: 8.173 min Scan# 1103
 Delta R.T. 0.018 min
 Lab File: VY016822.D
 Acq: 22 Dec 2023 20:41

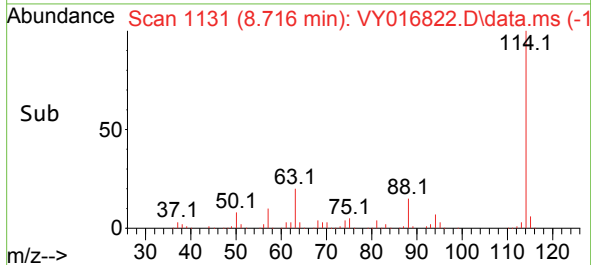
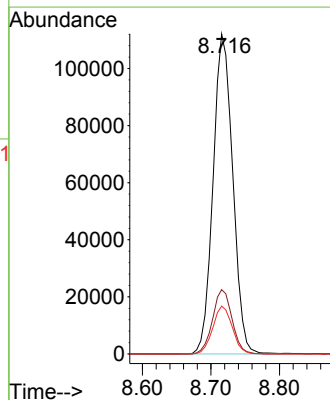
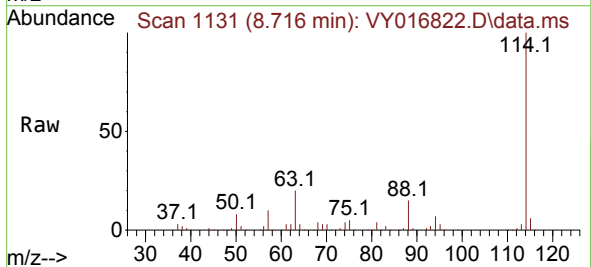
Instrument :
 MSVOA_Y
 ClientSampleId :

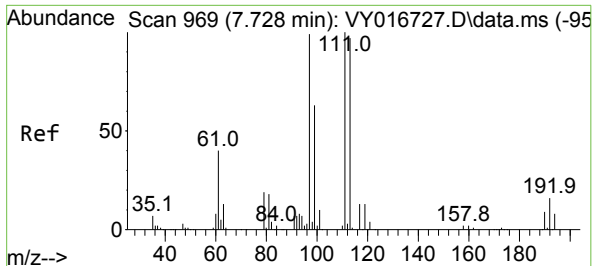
Tgt Ion: 65 Resp: 66857
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY016822.D
 Acq: 22 Dec 2023 20:41

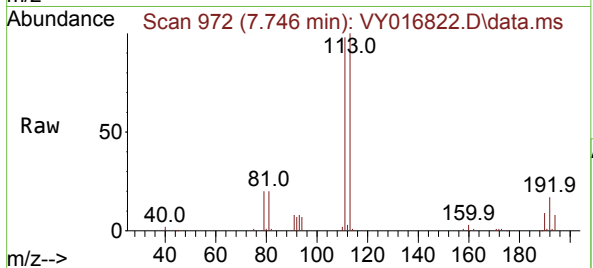
Tgt Ion:114 Resp: 223513
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.4
 88 14.9 0.0 29.0



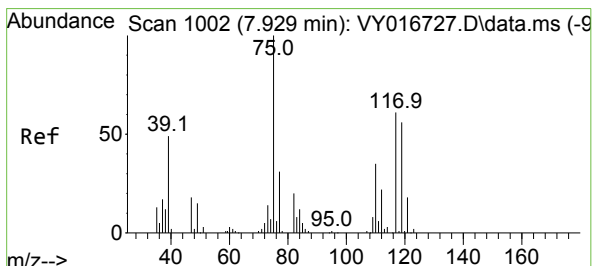
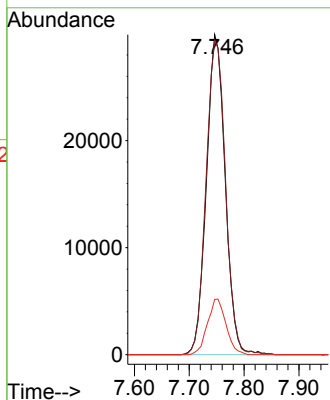
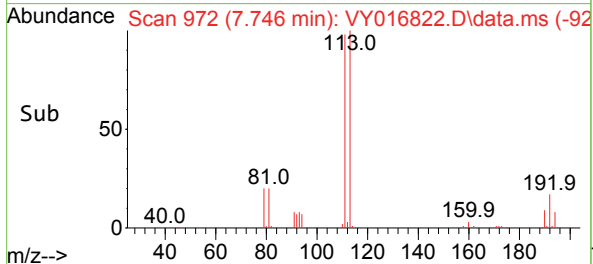


#35
Dibromofluoromethane
Concen: 55.595 ug/l
RT: 7.746 min Scan# 911
Delta R.T. 0.019 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Instrument :
MSVOA_Y
ClientSampleId :

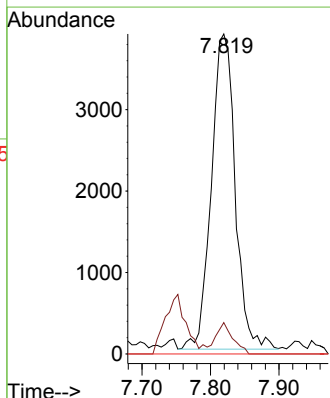
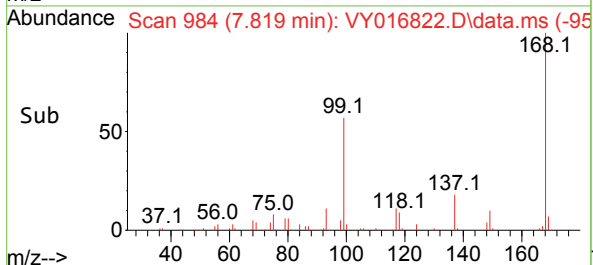
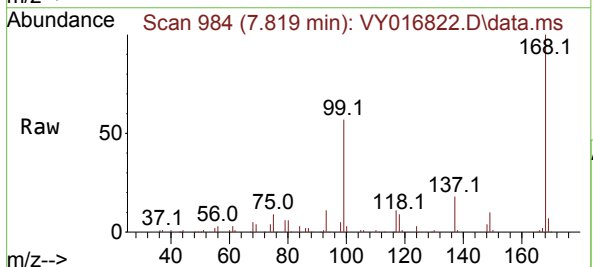


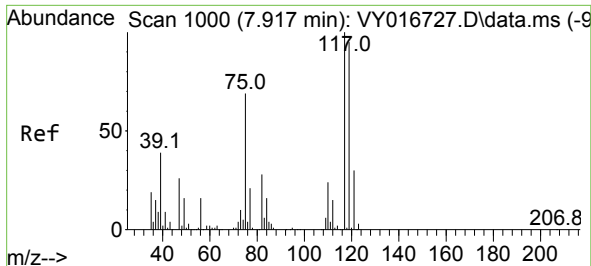
Tgt Ion:113 Resp: 71180
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 17.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.563 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

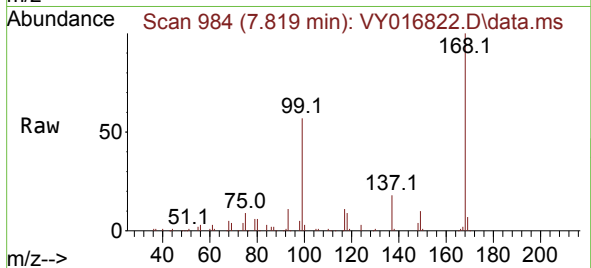
Tgt Ion: 75 Resp: 9365
Ion Ratio Lower Upper
75 100
110 7.0 17.4 52.3#
77 0.0 24.7 37.1#



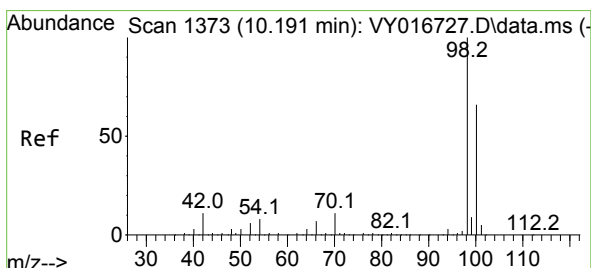
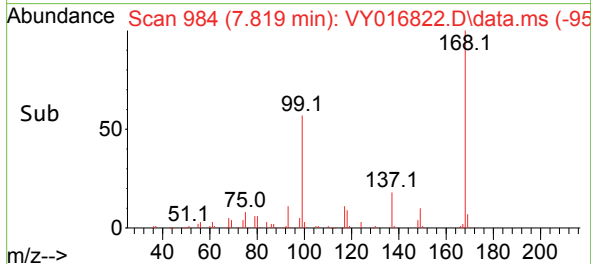
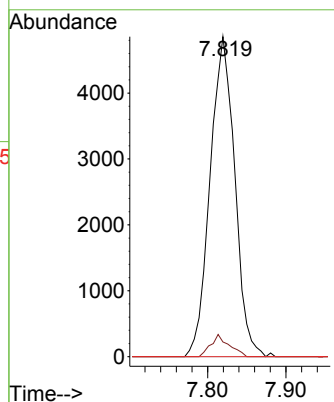


#38
Carbon Tetrachloride
Concen: 5.241 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Instrument :
MSVOA_Y
ClientSampleId :

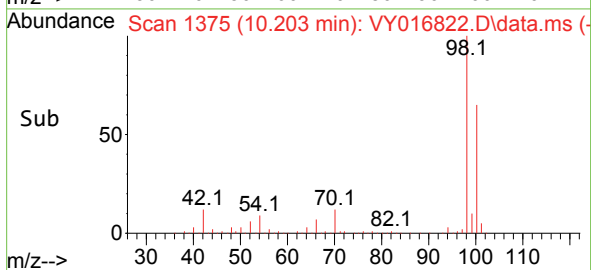
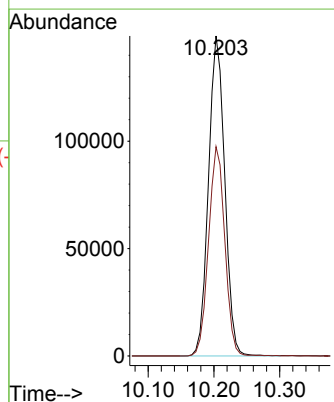
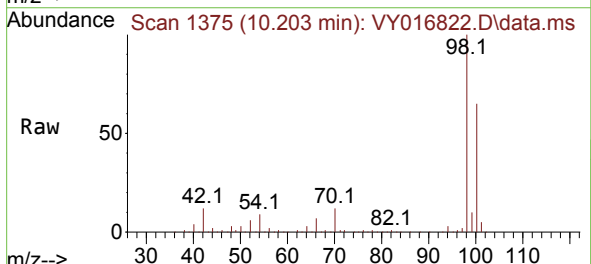


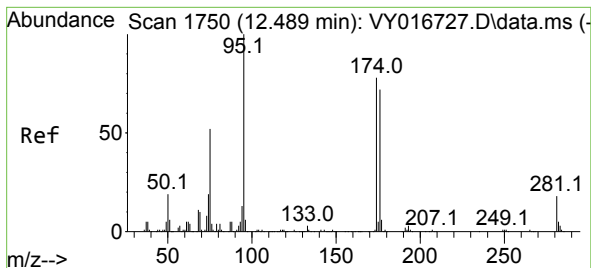
Tgt Ion:117 Resp: 10645
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.549 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Tgt Ion: 98 Resp: 256384
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

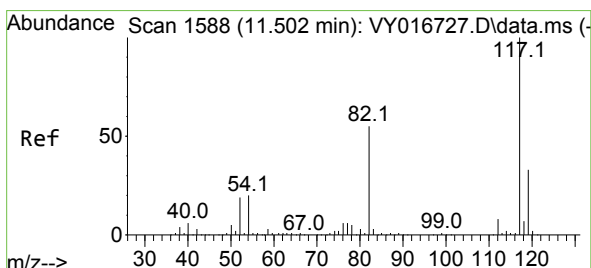
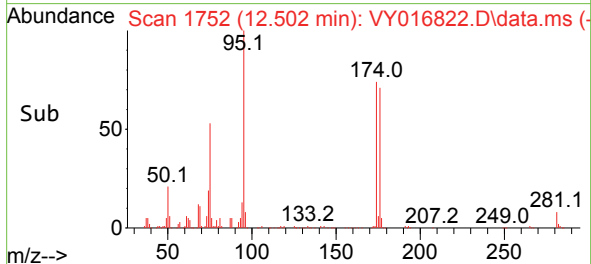
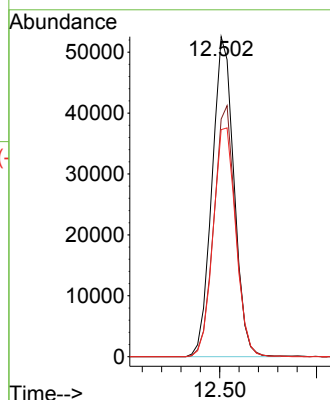
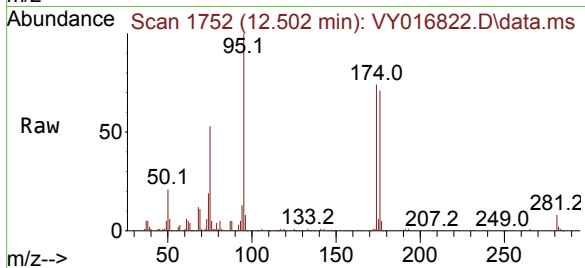




#62
4-Bromofluorobenzene
Concen: 55.281 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

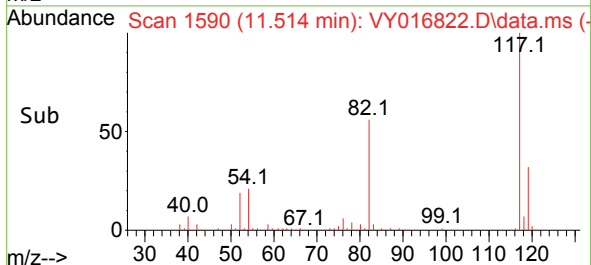
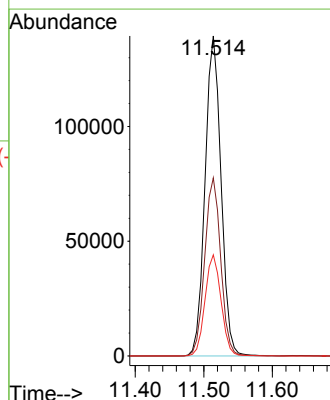
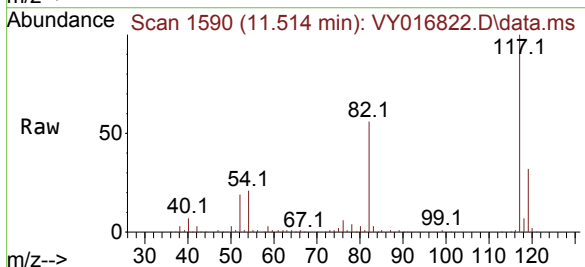
Instrument :
MSVOA_Y
ClientSampleId :

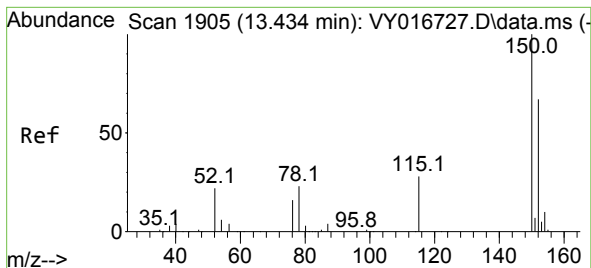
Tgt Ion: 95 Resp: 82778
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.0
176 73.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Tgt Ion: 117 Resp: 226608
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY016822.D

Acq: 22 Dec 2023 20:41

Instrument :

MSVOA_Y

ClientSampleId :

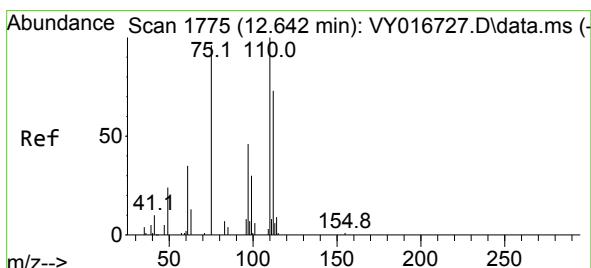
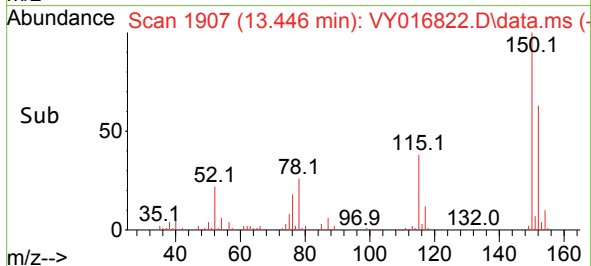
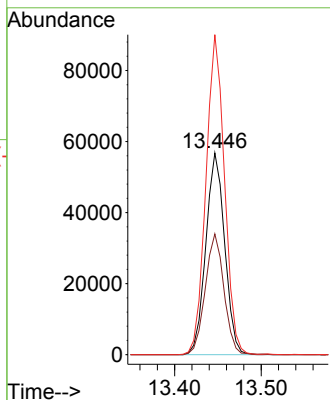
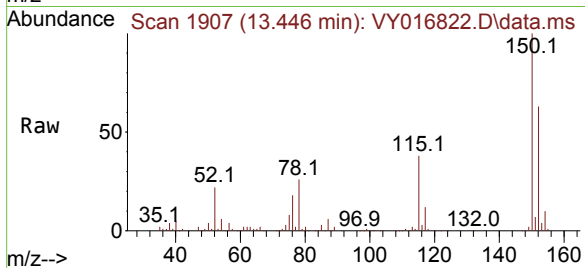
Tgt Ion:152 Resp: 85892

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 45.968 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY016822.D

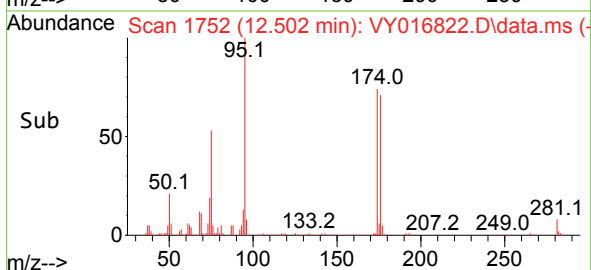
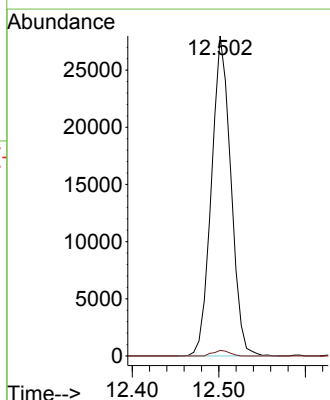
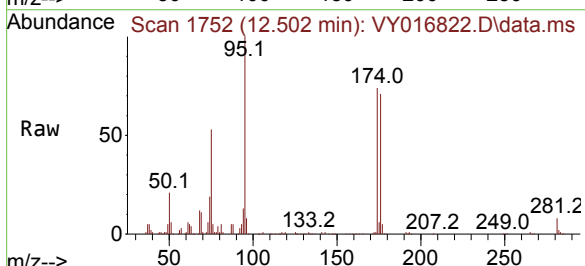
Acq: 22 Dec 2023 20:41

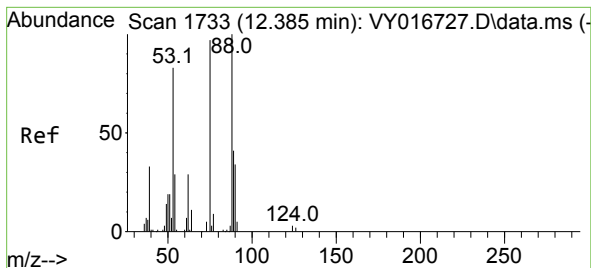
Tgt Ion: 75 Resp: 43646

Ion Ratio Lower Upper

75 100

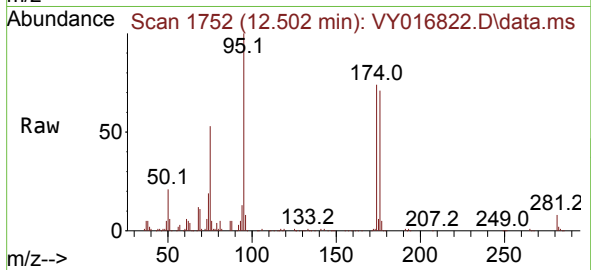
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.953 ug/l
 RT: 12.502 min Scan# 11
 Delta R.T. 0.116 min
 Lab File: VY016822.D
 Acq: 22 Dec 2023 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 43646
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.3 36.5 54.7#

