

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015436.D
 Acq On : 05 Sep 2023 17:27
 Operator : SY/MD
 Sample : 04256-01
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:45:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

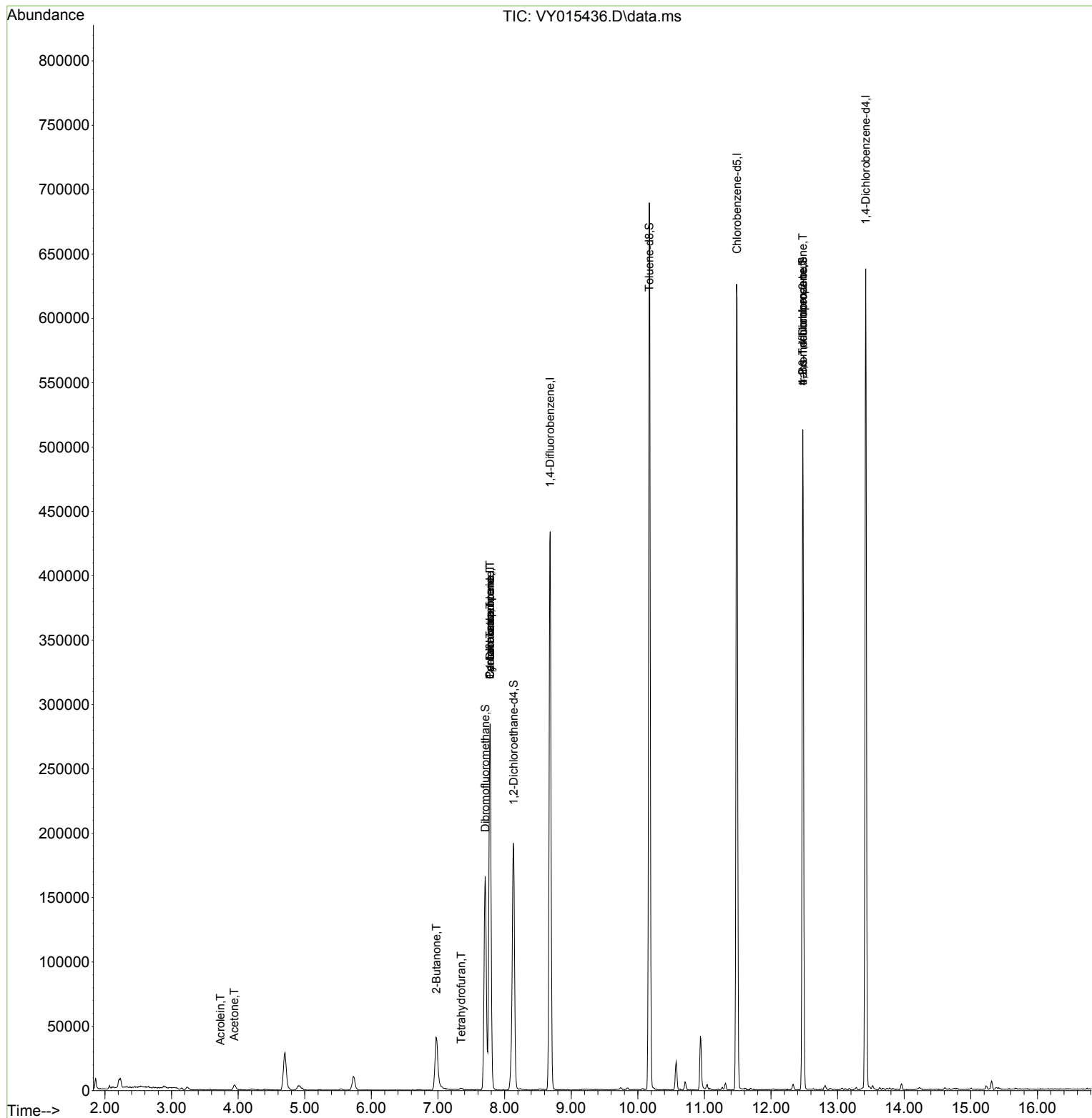
Internal Standards						
1) Pentafluorobenzene	7.783	168	220388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143643	60.801	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 121.600%		
35) Dibromofluoromethane	7.710	113	117680	54.430	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.860%		
50) Toluene-d8	10.173	98	442279	56.489	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 112.980%		
62) 4-Bromofluorobenzene	12.477	95	151097	51.984	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 103.960%		
Target Compounds						
11) Tert butyl alcohol	4.911	59	3916	Below Cal	#	89
13) Acrolein	3.735	56	66	11.742	ug/l #	56
16) Acetone	3.942	43	7259	7.361	ug/l	94
25) 2-Butanone	6.978	43	3623	2.590	ug/l #	88
29) Tetrahydrofuran	7.350	42	1053	1.199	ug/l #	85
31) Cyclohexane	7.783	56	4550	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17696	4.661	ug/l #	49
38) Carbon Tetrachloride	7.783	117	22238	5.672	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	80405	37.220	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80405	82.103	ug/l #	10

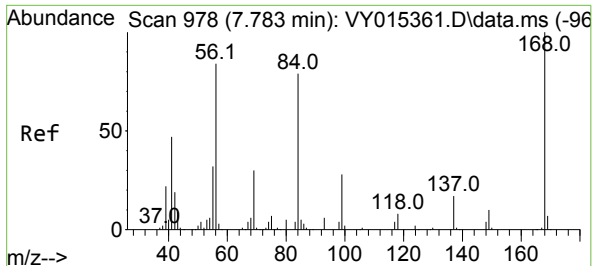
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
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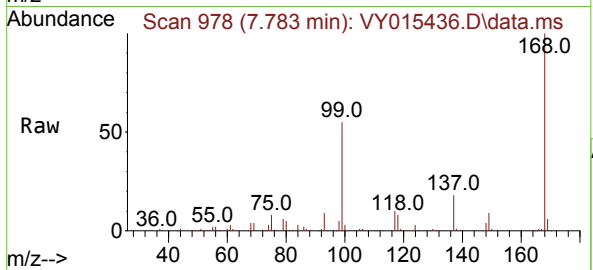
Quant Time: Sep 06 01:45:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



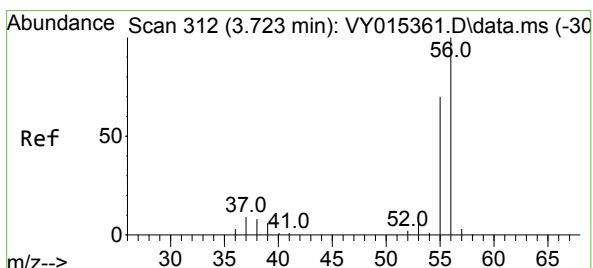
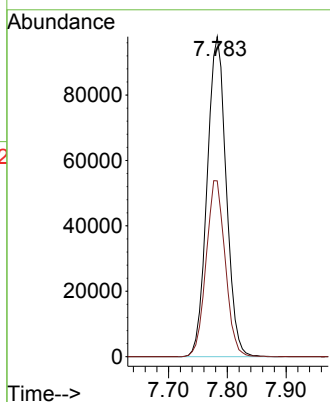
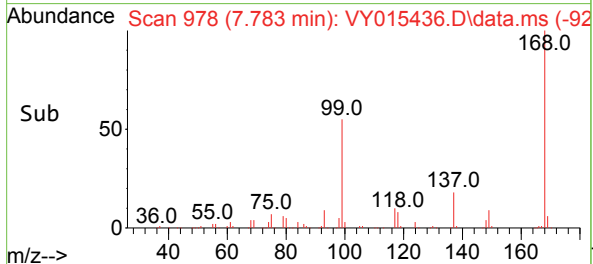


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :

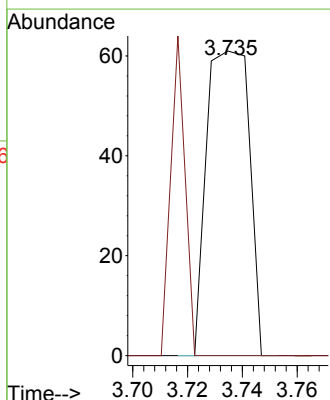
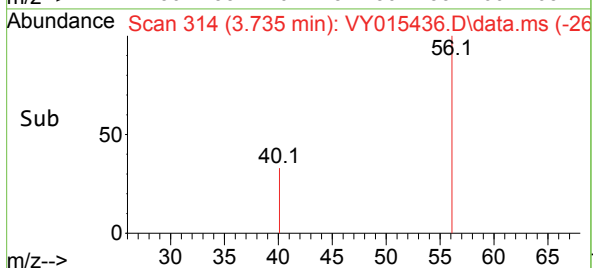
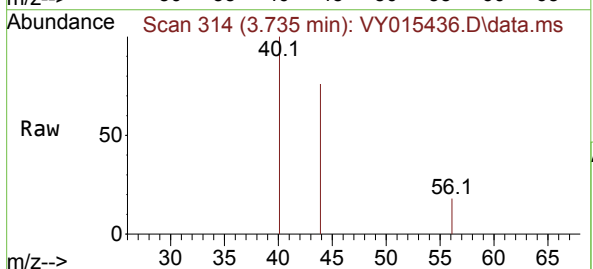


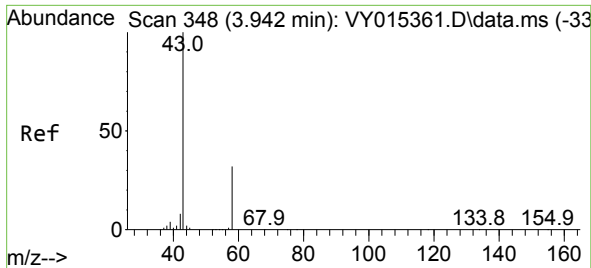
Tgt Ion:168 Resp: 220388
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#13
Acrolein
Concen: 11.742 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 34.8 57.0 85.4#





#16

Acetone

Concen: 7.361 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY015436.D

Acq: 05 Sep 2023 17:27

Instrument :

MSVOA_Y

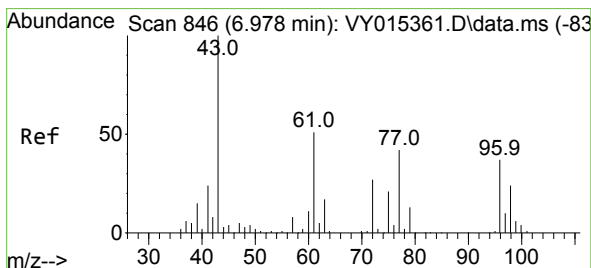
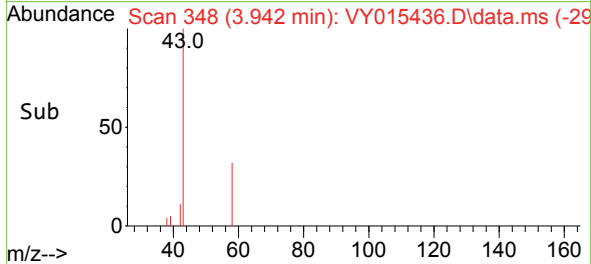
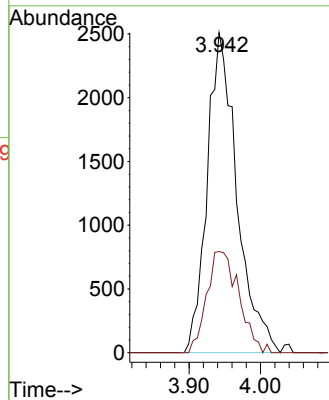
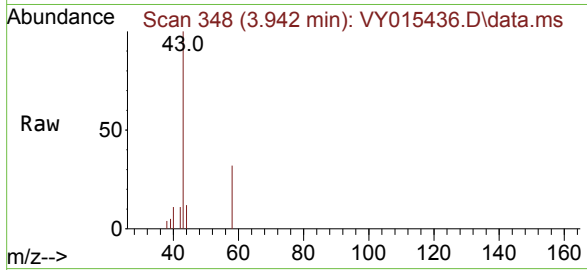
ClientSampleId :

Tgt Ion: 43 Resp: 7259

Ion Ratio Lower Upper

43 100

58 31.6 22.7 34.1



#25

2-Butanone

Concen: 2.590 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015436.D

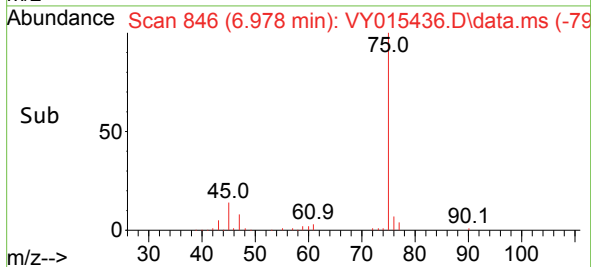
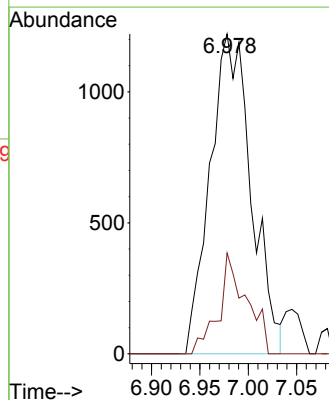
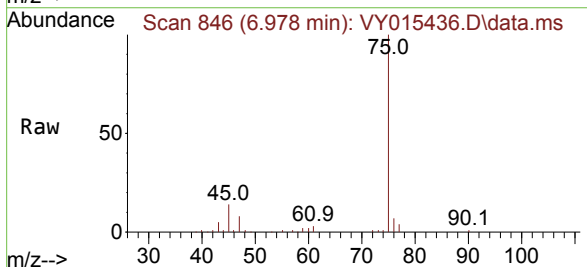
Acq: 05 Sep 2023 17:27

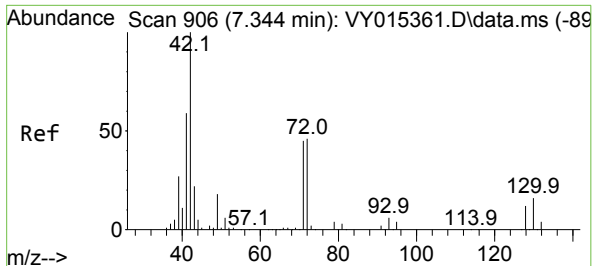
Tgt Ion: 43 Resp: 3623

Ion Ratio Lower Upper

43 100

72 31.5 20.5 30.7#





#29

Tetrahydrofuran

Concen: 1.199 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015436.D

Acq: 05 Sep 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

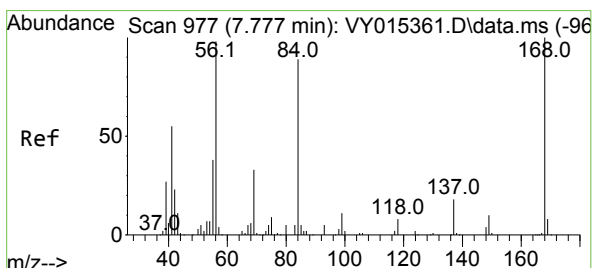
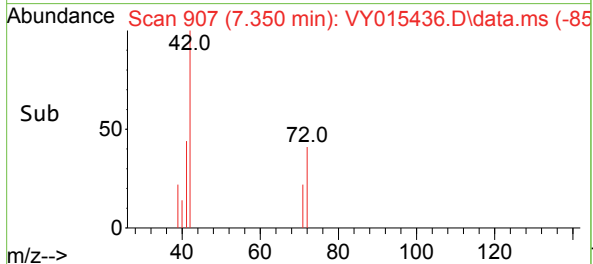
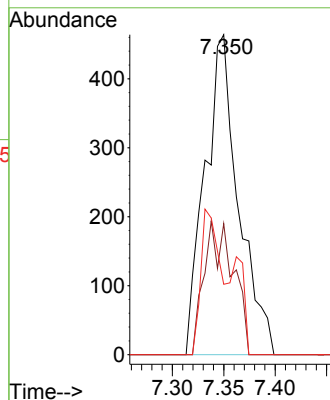
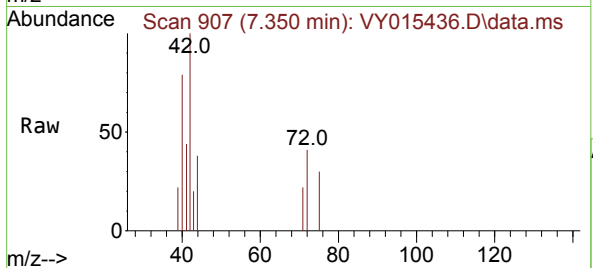
Tgt Ion: 42 Resp: 1053

Ion Ratio Lower Upper

42 100

72 36.1 32.8 49.2

71 25.5 31.0 46.4#



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015436.D

Acq: 05 Sep 2023 17:27

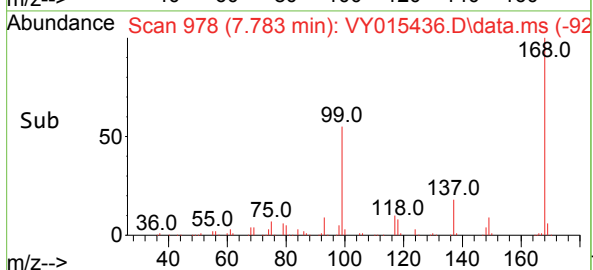
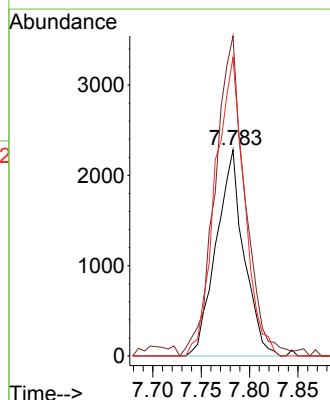
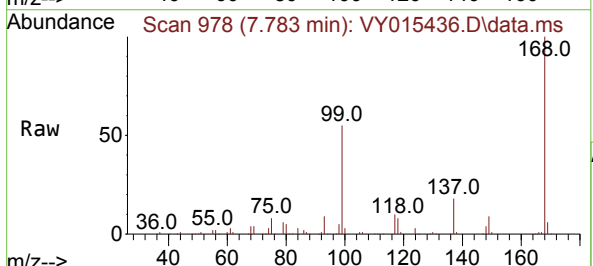
Tgt Ion: 56 Resp: 4550

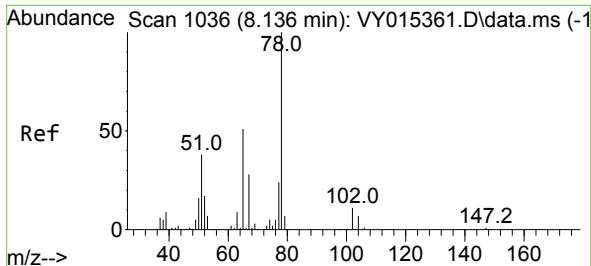
Ion Ratio Lower Upper

56 100

69 155.3 27.8 41.6#

84 144.9 66.4 99.6#

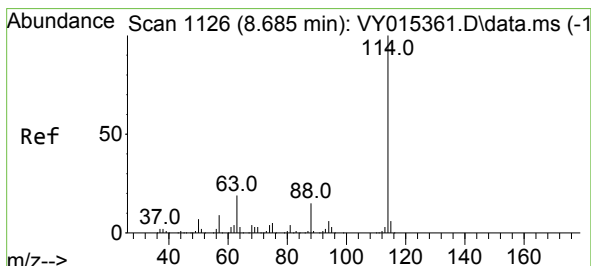
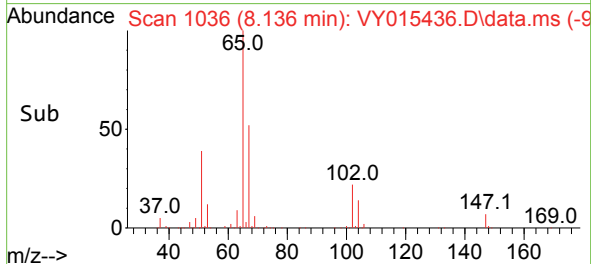
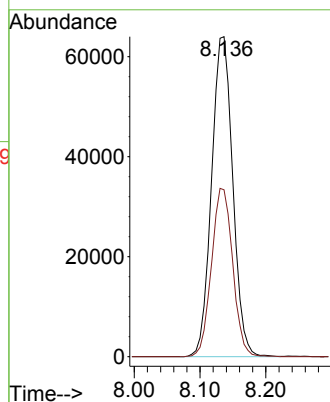
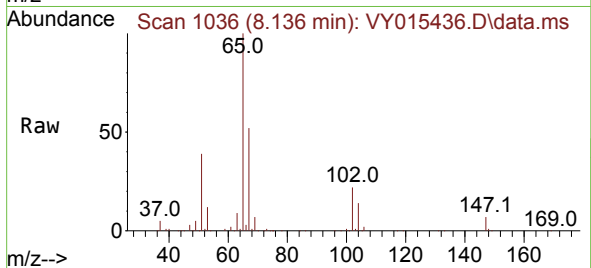




#33
1,2-Dichloroethane-d4
Concen: 60.801 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

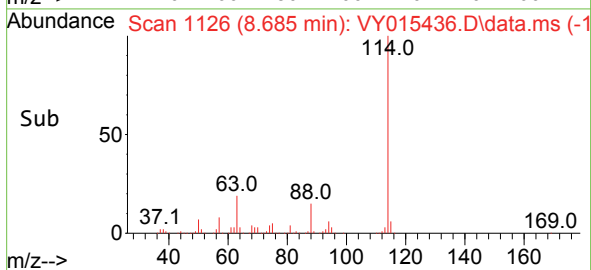
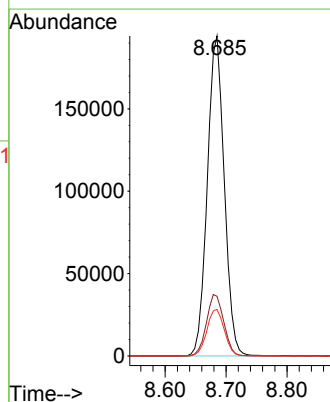
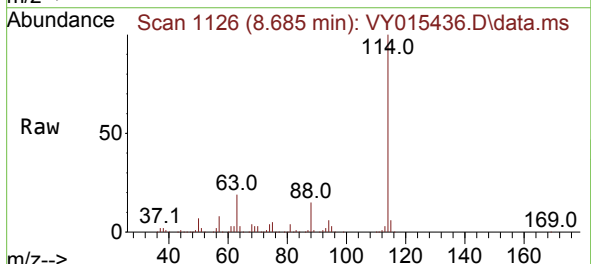
Instrument :
MSVOA_Y
ClientSampleId :

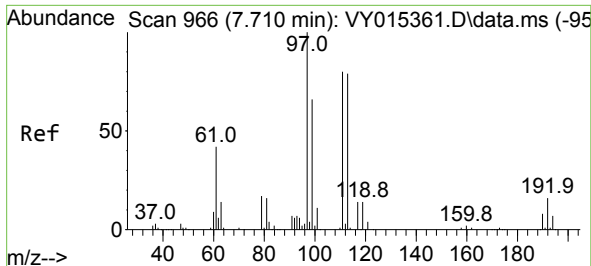
Tgt Ion: 65 Resp: 143643
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

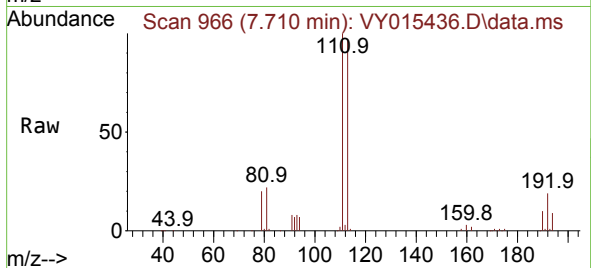
Tgt Ion: 114 Resp: 375367
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.6 0.0 30.6



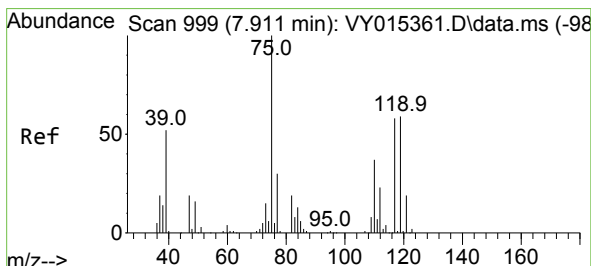
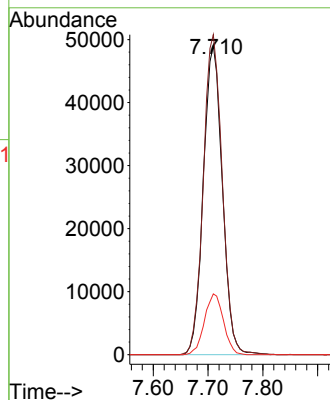
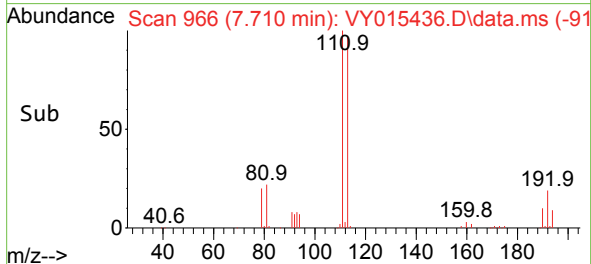


#35
Dibromofluoromethane
Concen: 54.430 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

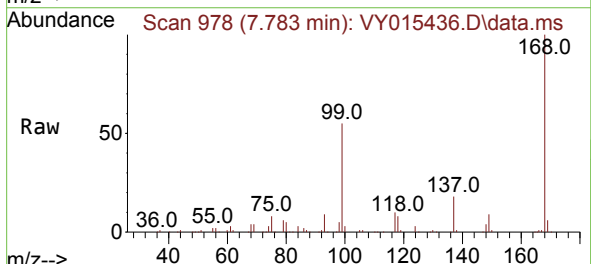
Instrument :
MSVOA_Y
ClientSampleId :



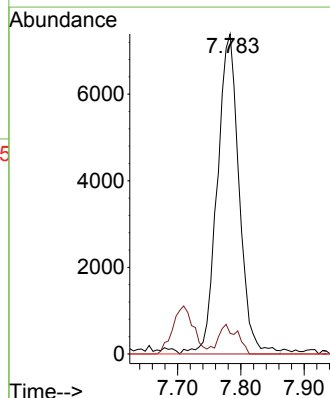
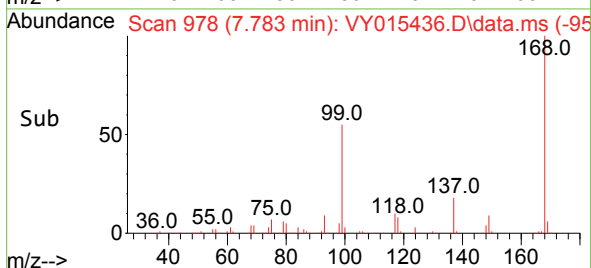
Tgt Ion:113 Resp: 117680
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.7 16.9 25.3

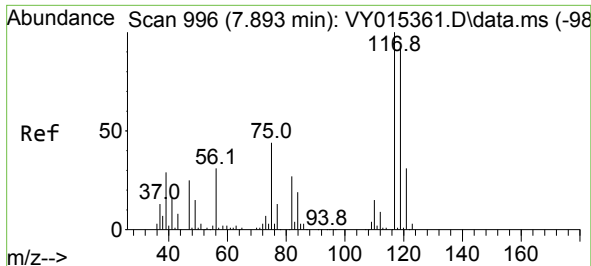


#36
1,1-Dichloropropene
Concen: 4.661 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27



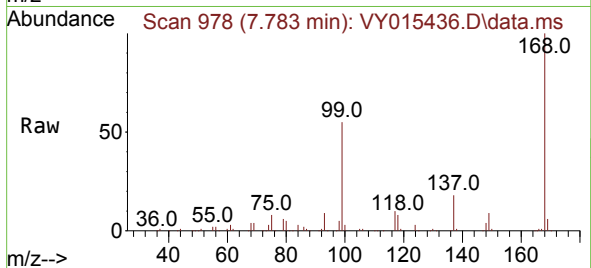
Tgt Ion: 75 Resp: 17696
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.5#
77 0.0 24.4 36.6#



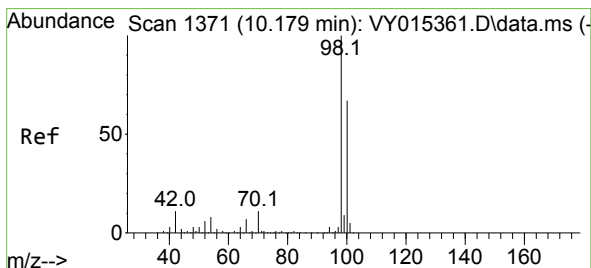
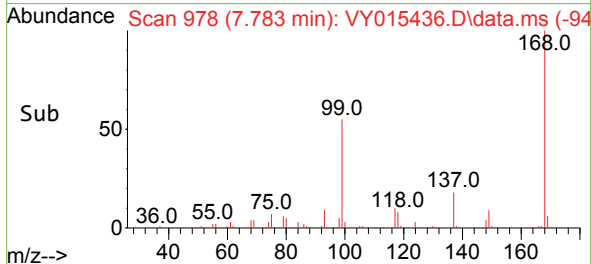
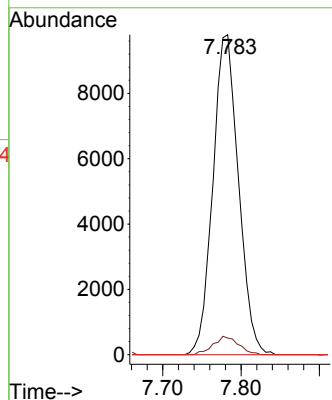


#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :

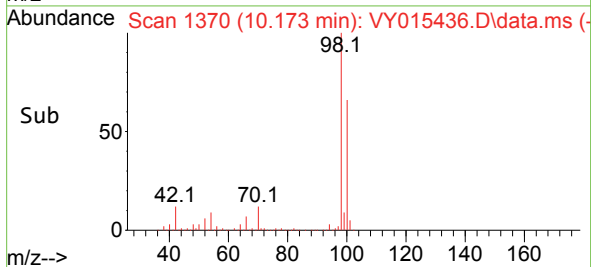
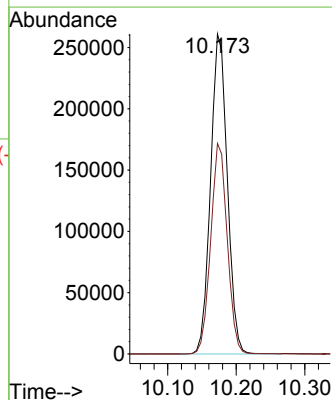
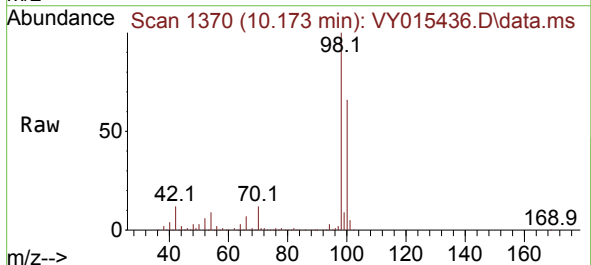


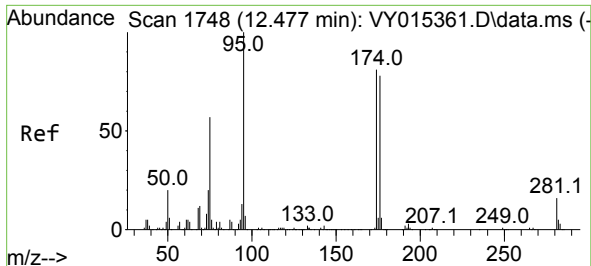
Tgt Ion:117 Resp: 22238
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.489 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

Tgt Ion: 98 Resp: 442279
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

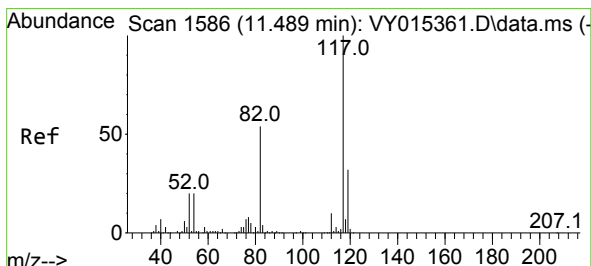
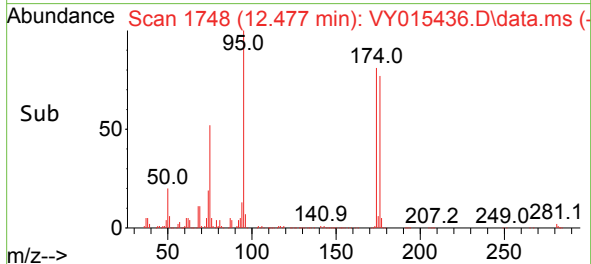
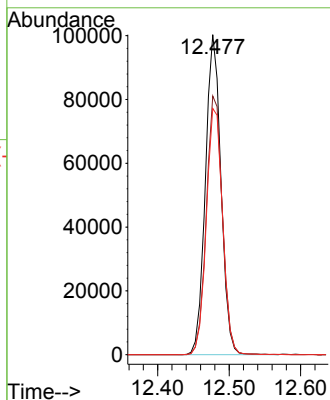
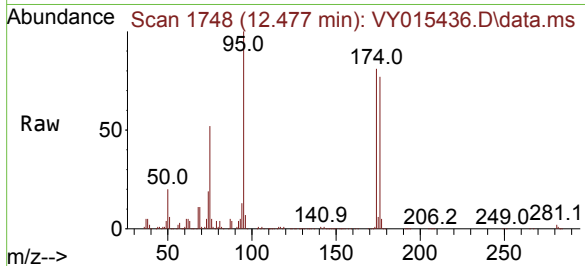




#62
4-Bromofluorobenzene
Concen: 51.984 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

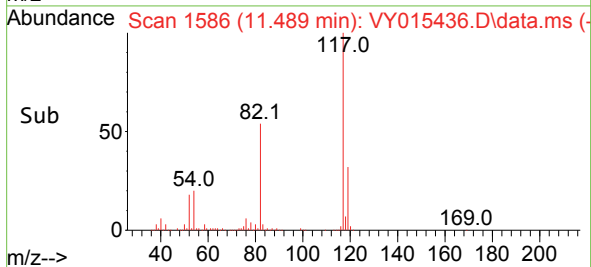
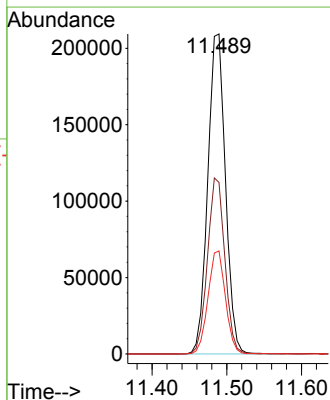
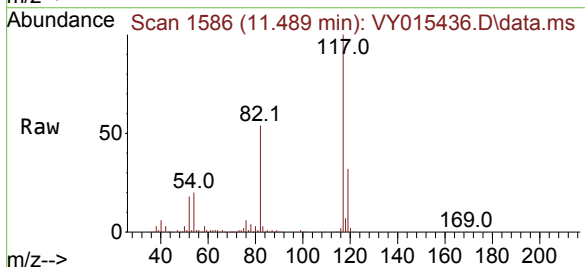
Instrument :
MSVOA_Y
ClientSampleId :

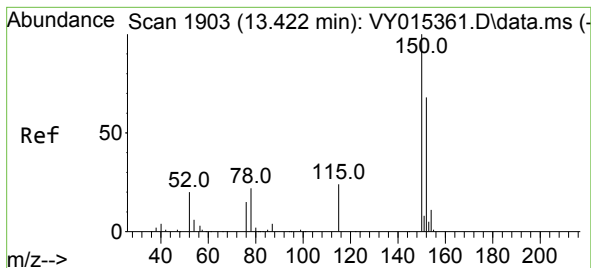
Tgt Ion: 95 Resp: 151097
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 80.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

Tgt Ion: 117 Resp: 344338
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

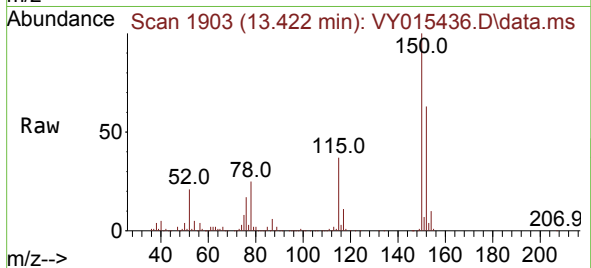
Lab File: VY015436.D

Acq: 05 Sep 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :



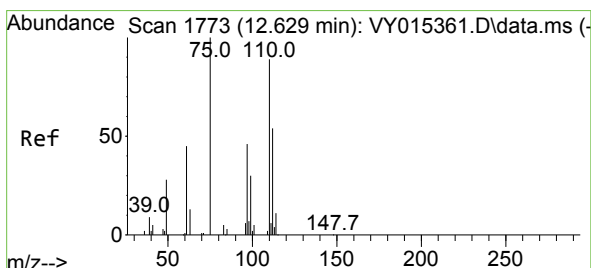
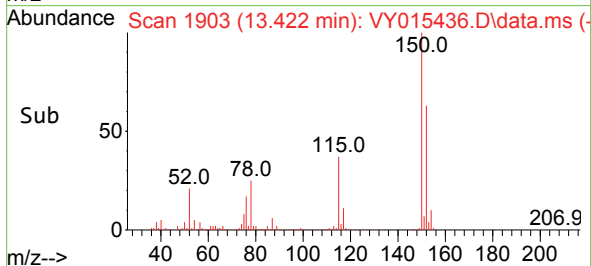
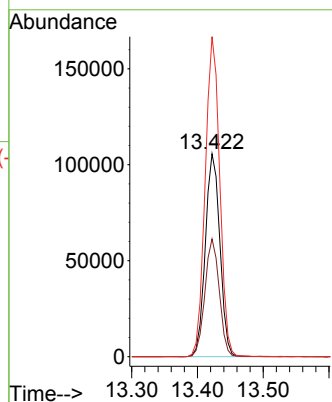
Tgt Ion:152 Resp: 162904

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.220 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015436.D

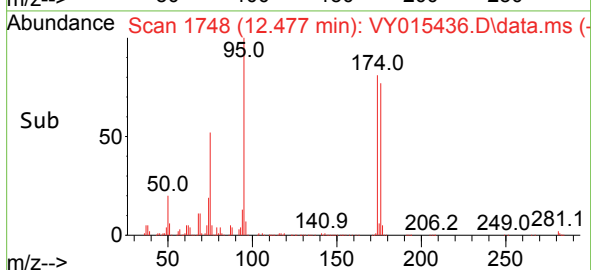
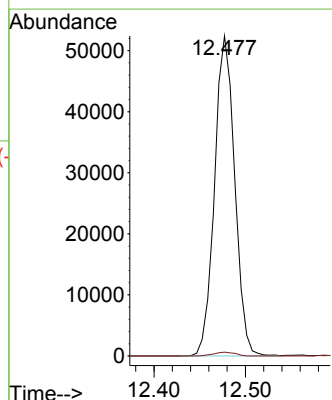
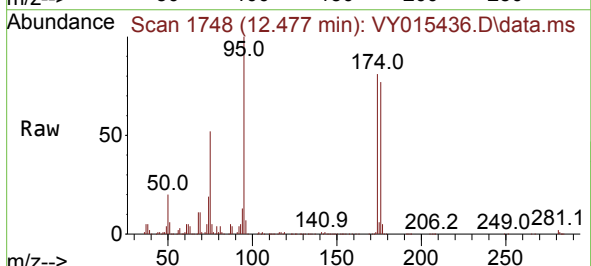
Acq: 05 Sep 2023 17:27

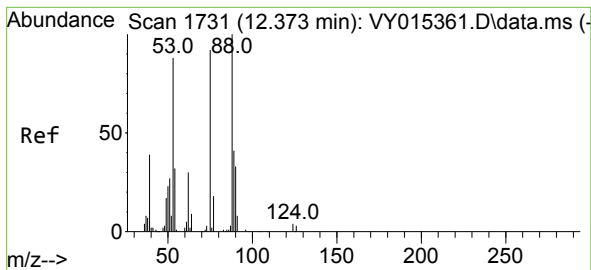
Tgt Ion: 75 Resp: 80405

Ion Ratio Lower Upper

75 100

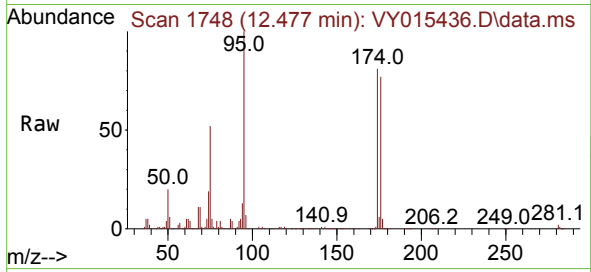
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.103 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015436.D
 Acq: 05 Sep 2023 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80405
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

