

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015621.D
 Acq On : 18 Sep 2023 17:46
 Operator : SY/MD
 Sample : 04419-14
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:05:23 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)

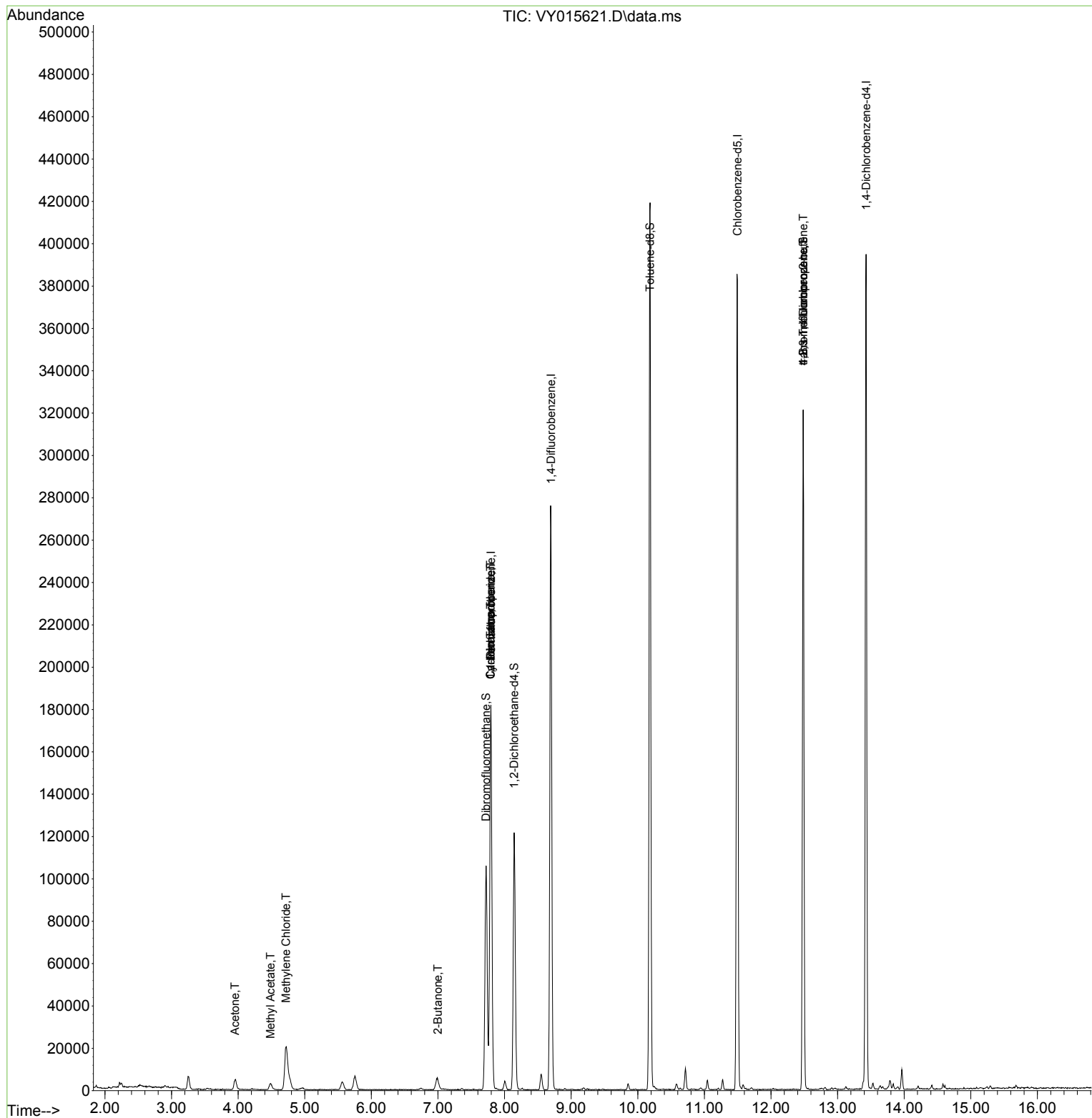
Internal Standards						
1) Pentafluorobenzene	7.795	168	138952	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	235302	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	215793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92104	61.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.660%	
35) Dibromofluoromethane	7.722	113	76274	56.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.560%	
50) Toluene-d8	10.185	98	276271	56.290	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.580%	
62) 4-Bromofluorobenzene	12.483	95	93552	51.345	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1612	Below Cal	#	93
16) Acetone	3.954	43	8899	14.313	ug/l	92
18) Methyl Acetate	4.485	43	5802	2.576	ug/l	97
20) Methylene Chloride	4.716	84	15285	1.793	ug/l	92
25) 2-Butanone	6.997	43	3530	4.003	ug/l	97
31) Cyclohexane	7.789	56	3151	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10735	4.511	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13787	5.609	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	49818	37.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49818	82.587	ug/l #	11

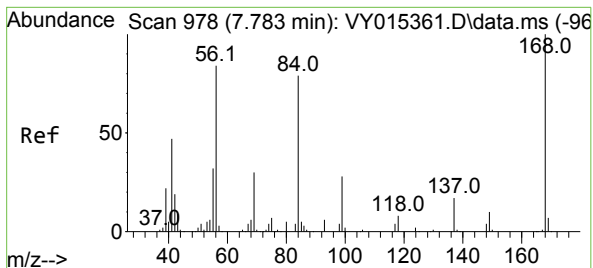
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
Data File : VY015621.D
Acq On : 18 Sep 2023 17:46
Operator : SY/MD
Sample : 04419-14
Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 19 02:05:23 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: 7.795 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

Instrument :

MSVOA_Y

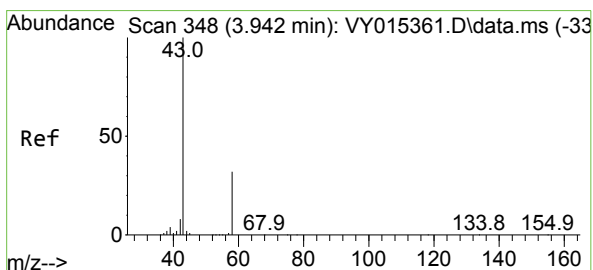
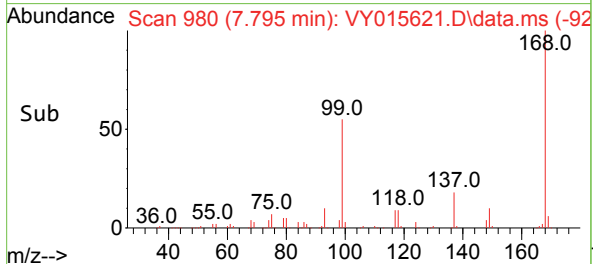
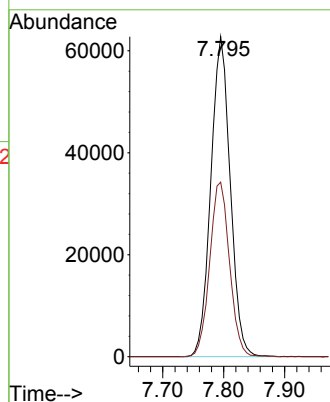
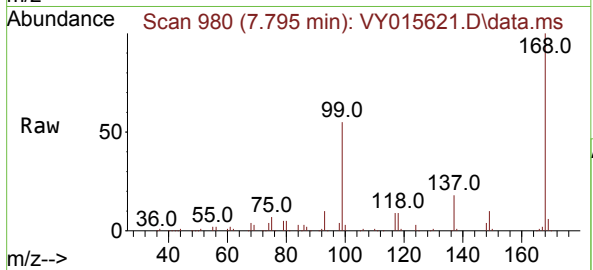
ClientSampleId :

Tgt Ion:168 Resp: 138952

Ion Ratio Lower Upper

168 100

99 54.5 43.4 65.0



#16

Acetone

Concen: 14.313 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY015621.D

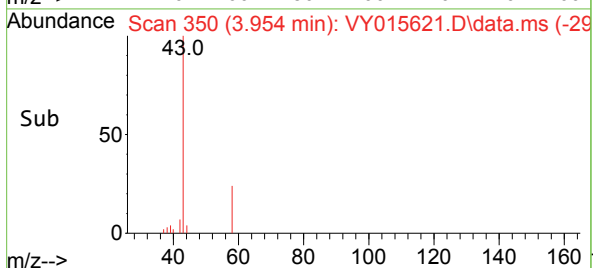
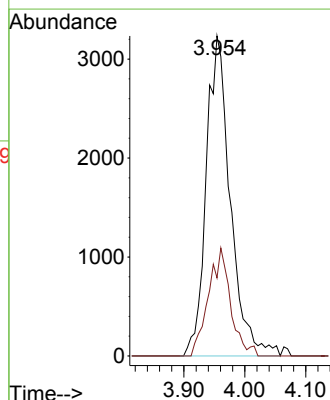
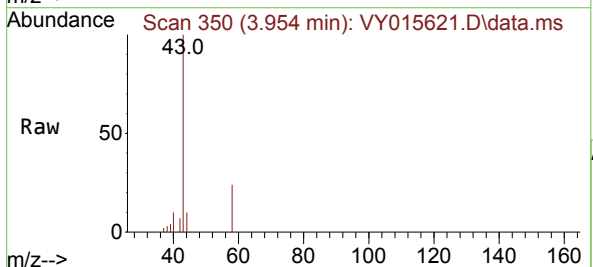
Acq: 18 Sep 2023 17:46

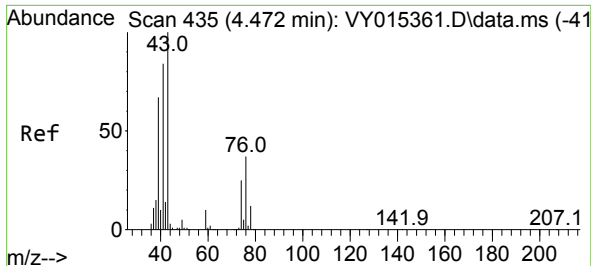
Tgt Ion: 43 Resp: 8899

Ion Ratio Lower Upper

43 100

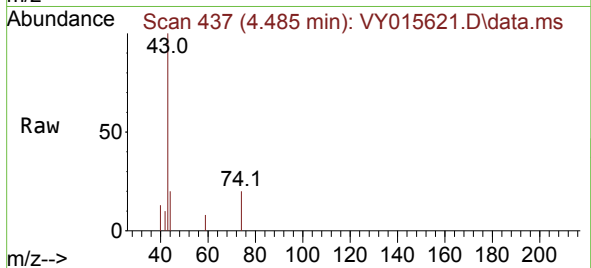
58 24.4 22.7 34.1



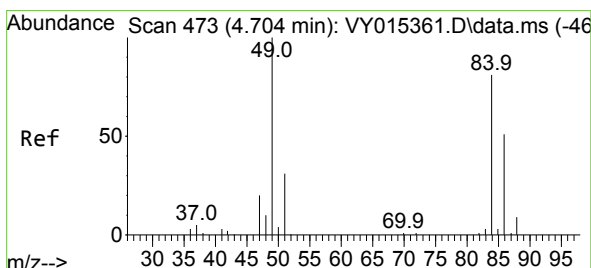
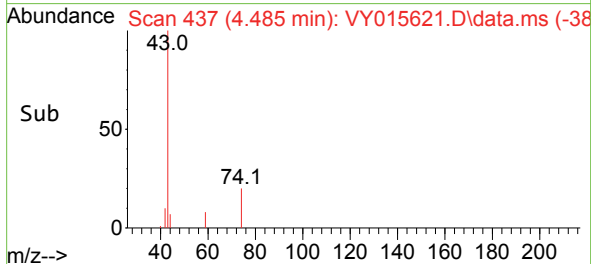
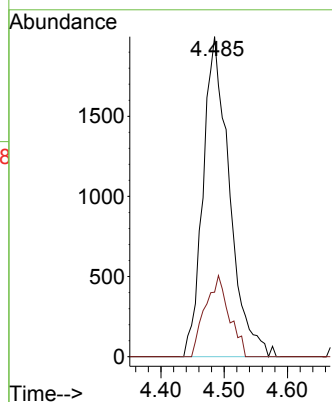


#18
Methyl Acetate
Concen: 2.576 ug/l
RT: 4.485 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :

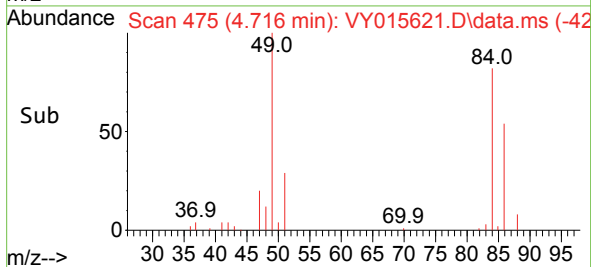
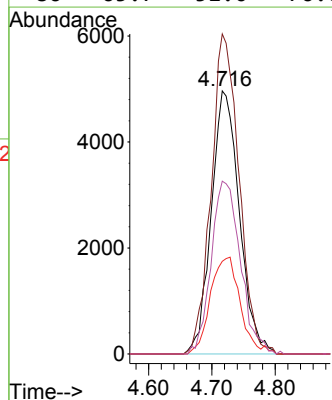
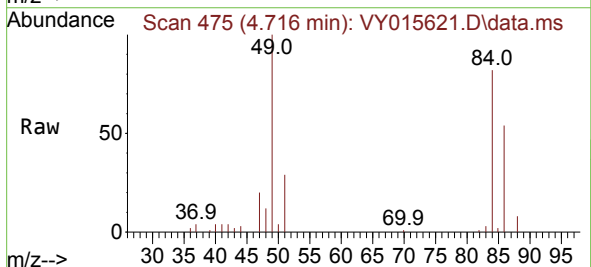


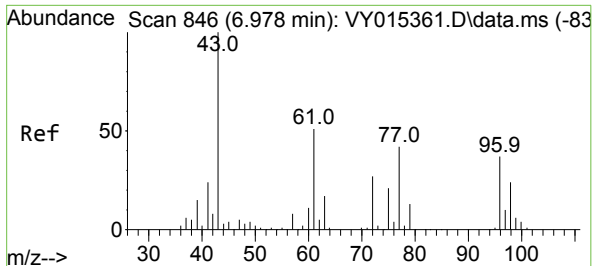
Tgt Ion: 43 Resp: 5802
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 1.793 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

Tgt Ion: 84 Resp: 15285
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 35.2 33.2 49.8
86 65.7 51.0 76.6





#25

2-Butanone

Concen: 4.003 ug/l

RT: 6.997 min Scan# 846

Delta R.T. 0.018 min

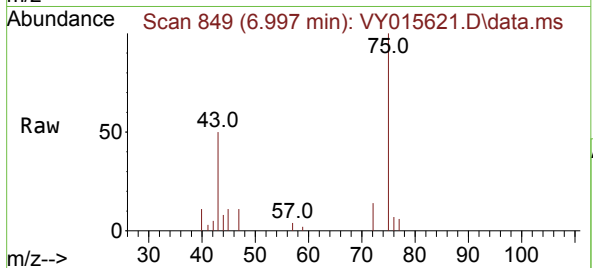
Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

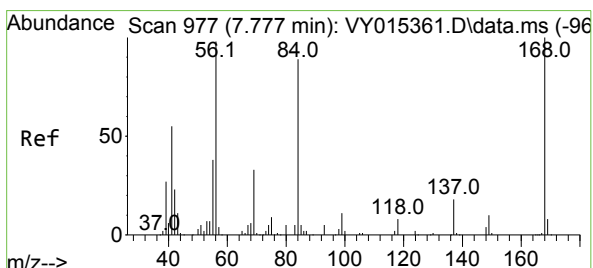
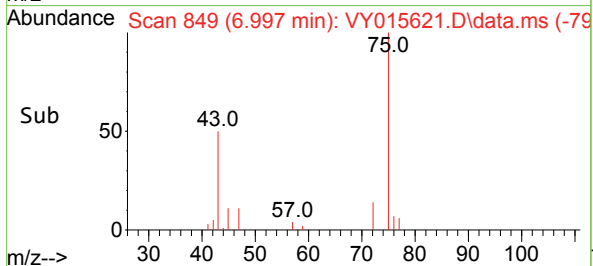
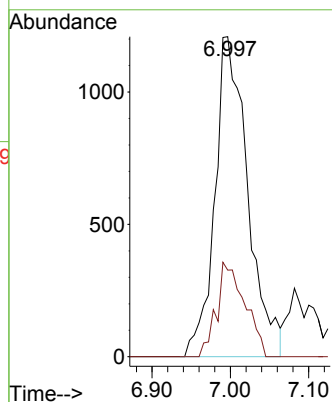


Tgt Ion: 43 Resp: 3530

Ion Ratio Lower Upper

43 100

72 27.0 20.5 30.7



#31

Cyclohexane

Concen: 1.191 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

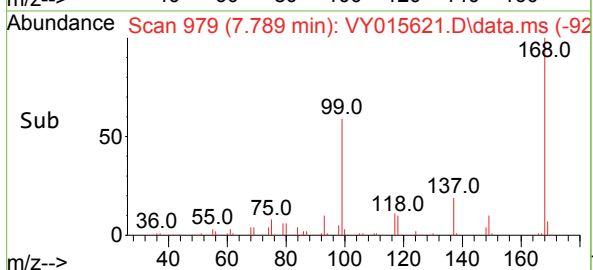
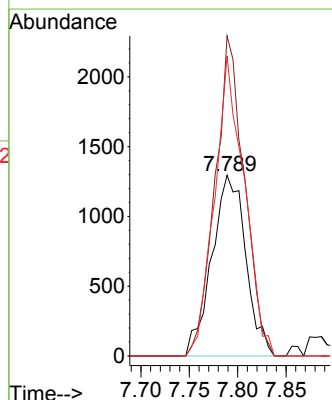
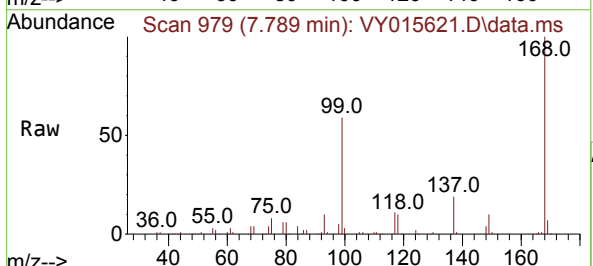
Tgt Ion: 56 Resp: 3151

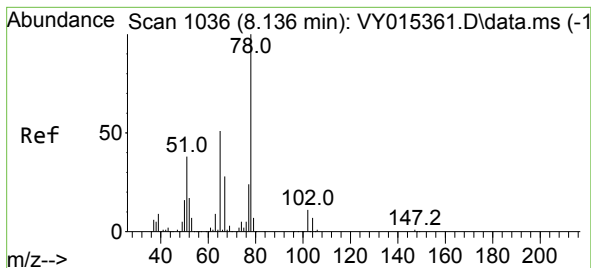
Ion Ratio Lower Upper

56 100

69 177.2 27.8 41.6#

84 166.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 61.834 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

Instrument :

MSVOA_Y

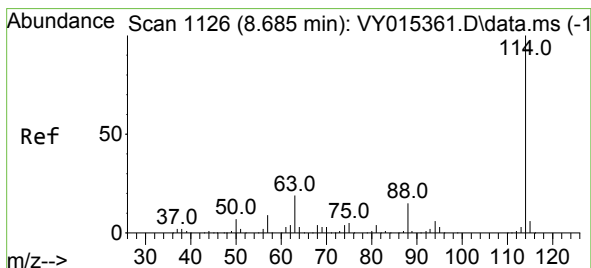
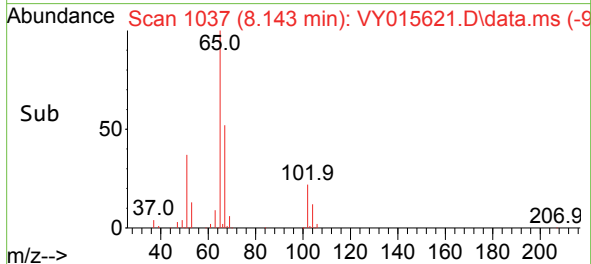
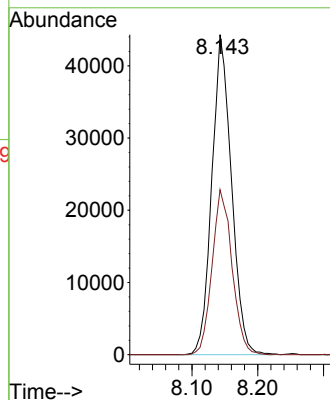
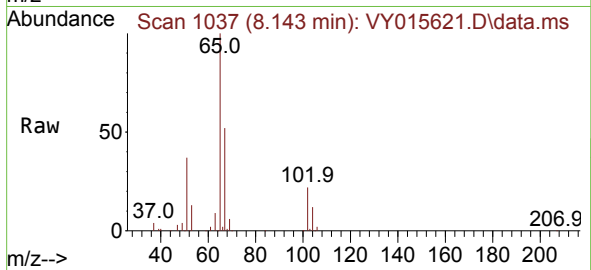
ClientSampleId :

Tgt Ion: 65 Resp: 92104

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

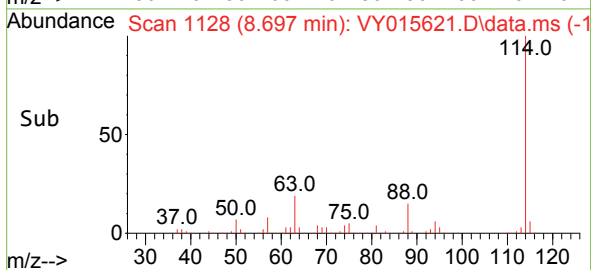
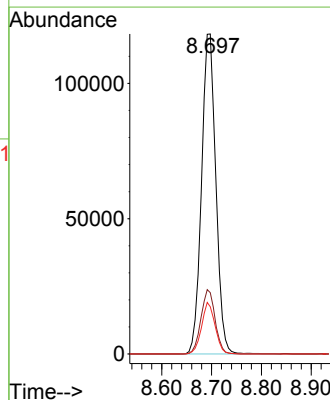
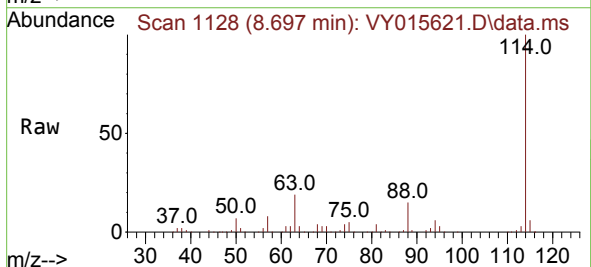
Tgt Ion:114 Resp: 235302

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

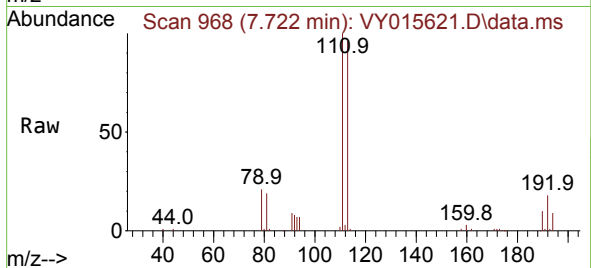
88 14.7 0.0 30.6



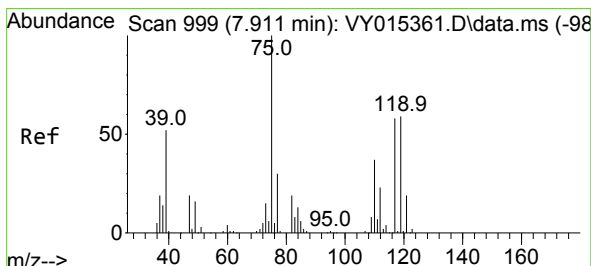
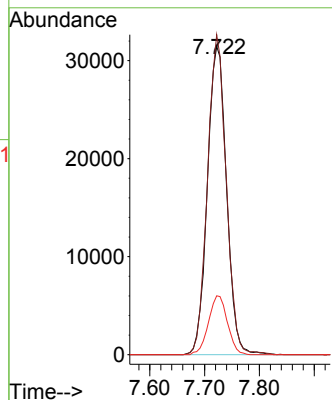
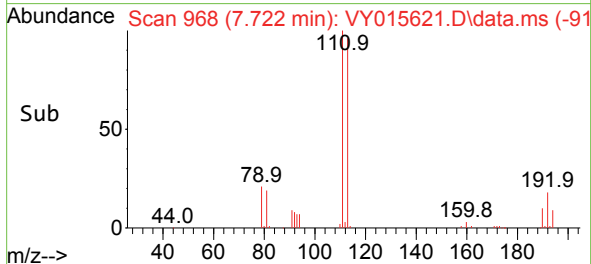


#35
Dibromofluoromethane
Concen: 56.279 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

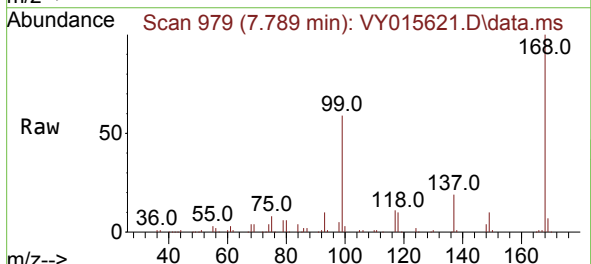
Instrument :
MSVOA_Y
ClientSampleId :



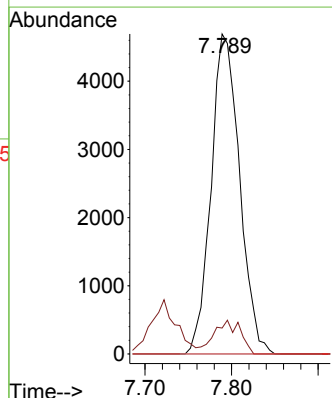
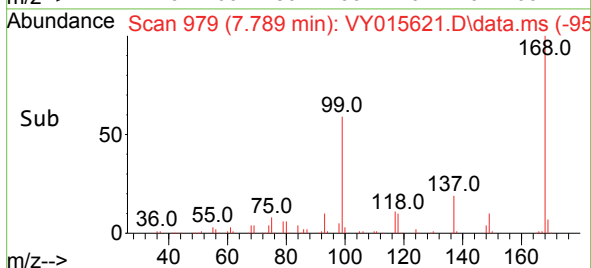
Tgt Ion:113 Resp: 76274
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 18.9 16.9 25.3

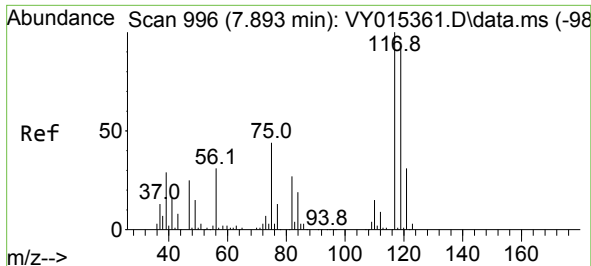


#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46



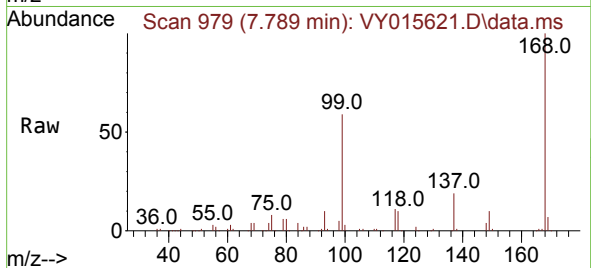
Tgt Ion: 75 Resp: 10735
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



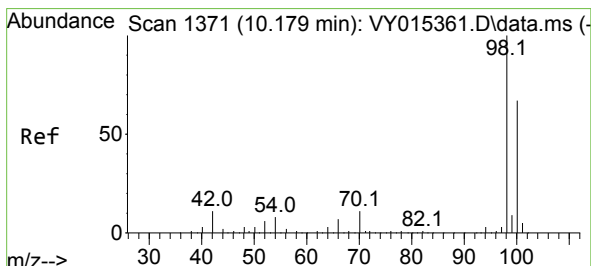
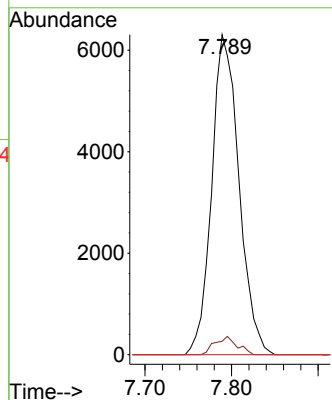
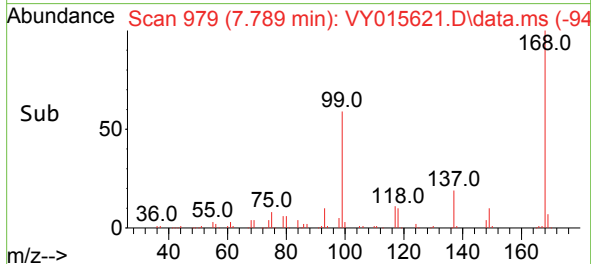


#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :

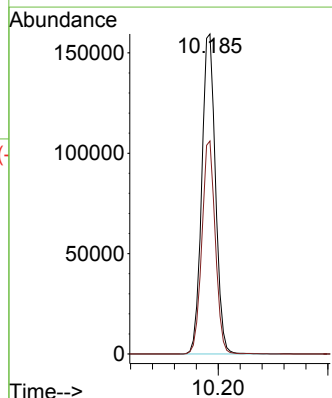
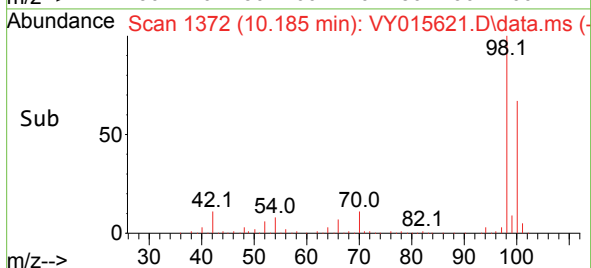
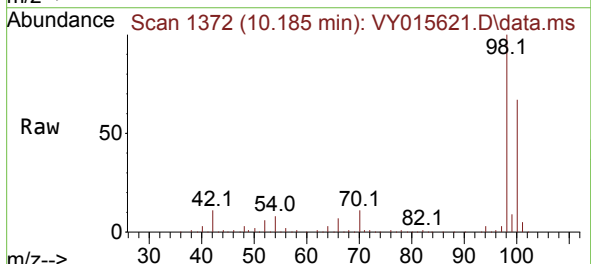


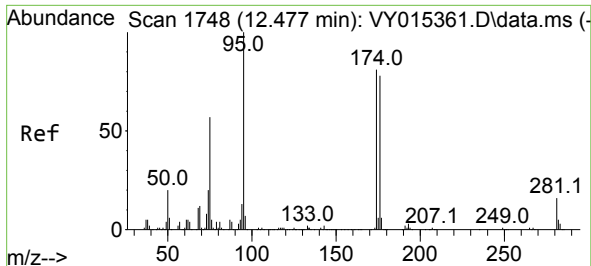
Tgt Ion:117 Resp: 13787
Ion Ratio Lower Upper
117 100
119 4.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.290 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

Tgt Ion: 98 Resp: 276271
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

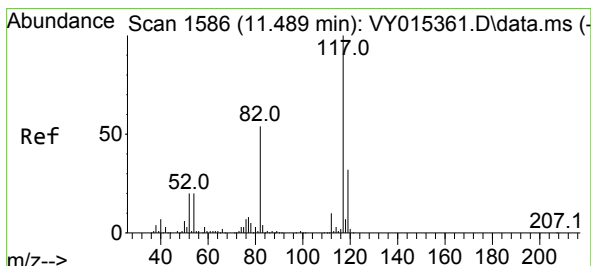
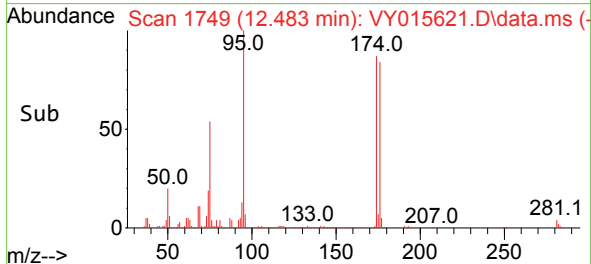
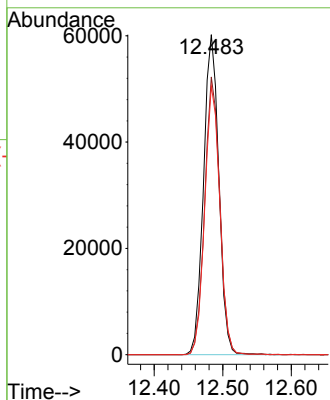
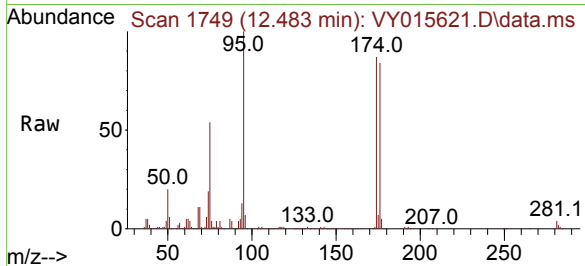




#62
4-Bromofluorobenzene
Concen: 51.345 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

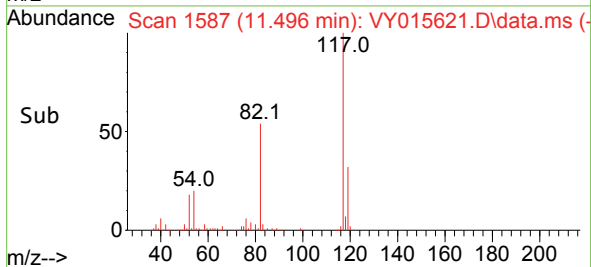
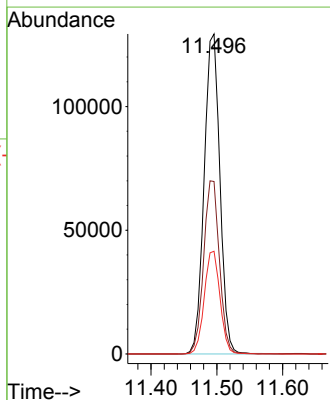
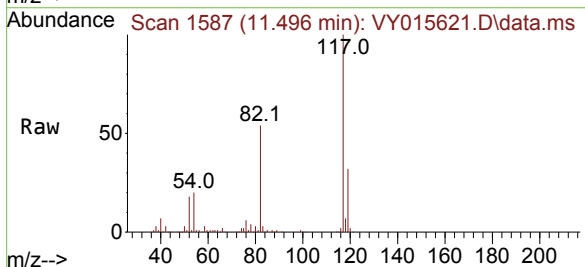
Instrument :
MSVOA_Y
ClientSampleId :

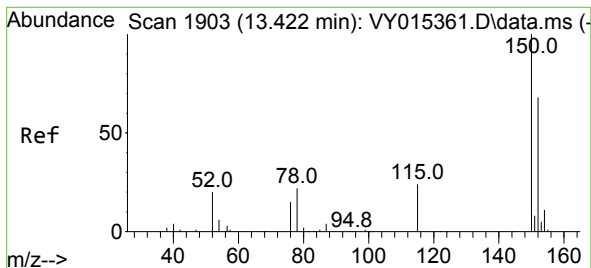
Tgt Ion: 95 Resp: 93552
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015621.D
Acq: 18 Sep 2023 17:46

Tgt Ion: 117 Resp: 215793
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015621.D

Acq: 18 Sep 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

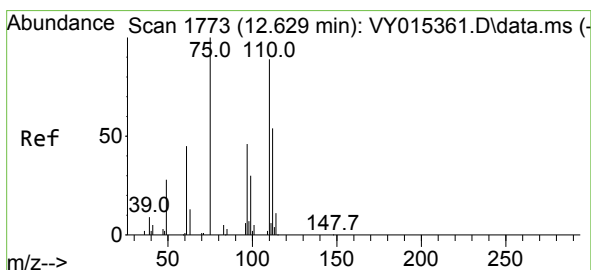
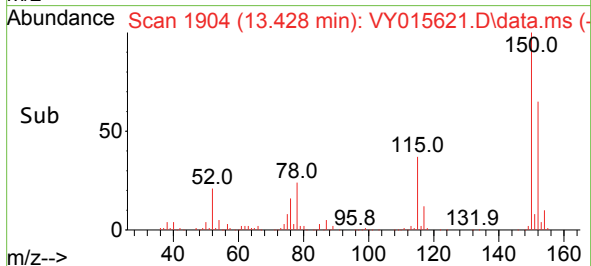
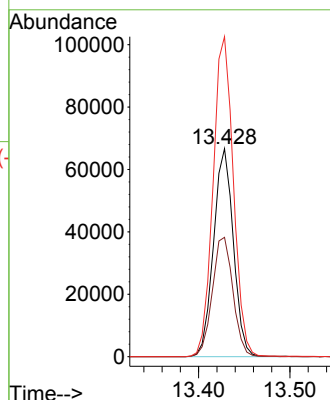
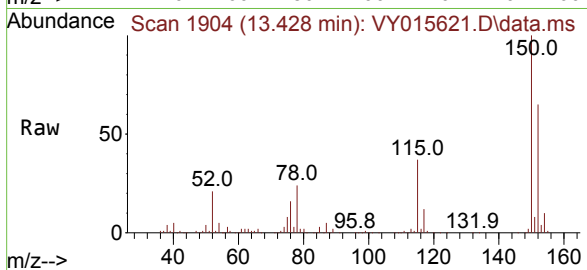
Tgt Ion:152 Resp: 100342

Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 157.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.439 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015621.D

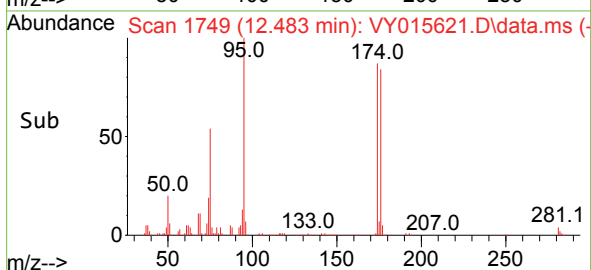
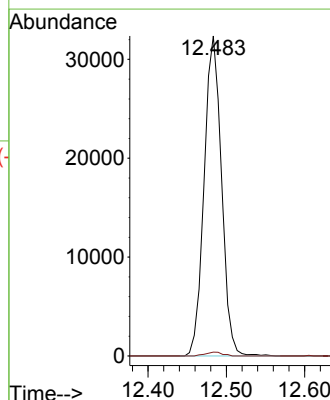
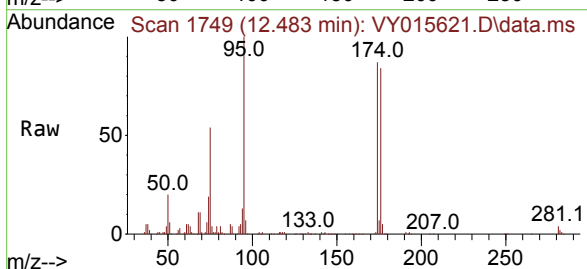
Acq: 18 Sep 2023 17:46

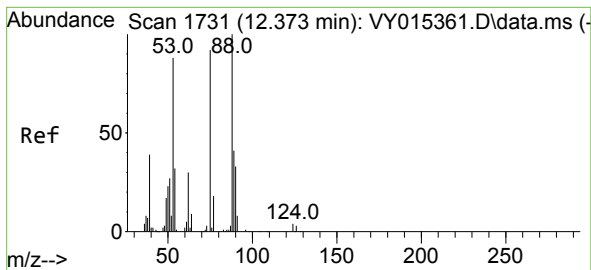
Tgt Ion: 75 Resp: 49818

Ion Ratio Lower Upper

75 100

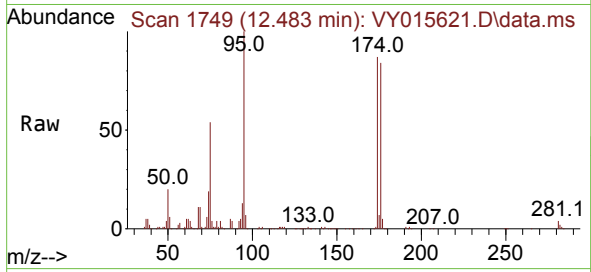
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.587 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015621.D
 Acq: 18 Sep 2023 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 49818
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

