

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015620.D
 Acq On : 18 Sep 2023 17:22
 Operator : SY/MD
 Sample : 04419-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:05:02 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)

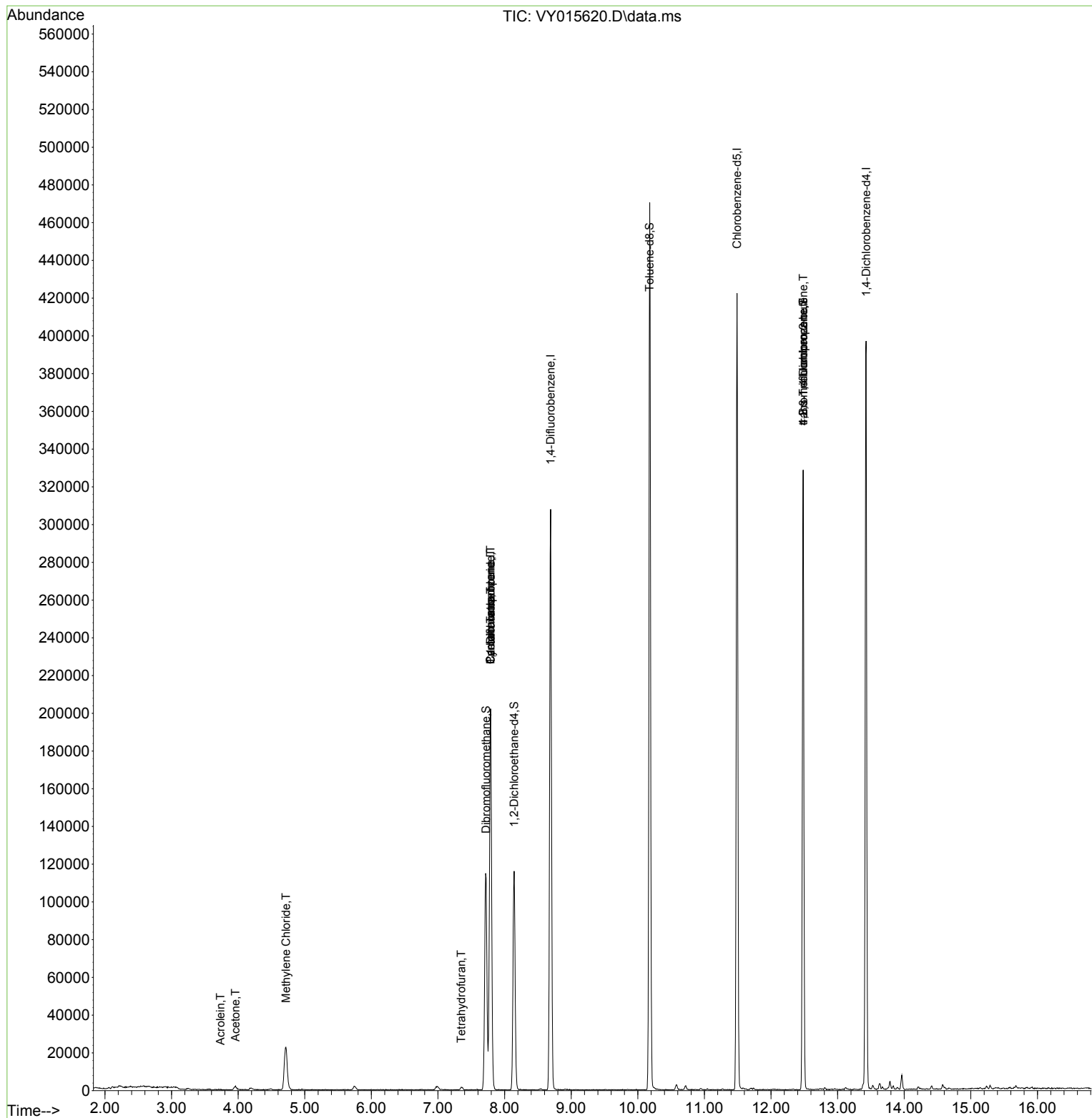
Internal Standards						
1) Pentafluorobenzene	7.789	168	157352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90184	53.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.920%	
35) Dibromofluoromethane	7.722	113	81328	53.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.900%	
50) Toluene-d8	10.179	98	304142	55.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.420%	
62) 4-Bromofluorobenzene	12.483	95	98781	48.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	472	Below Cal	#	89
13) Acrolein	3.735	56	29	11.705	ug/l #	14
16) Acetone	3.960	43	3024	4.295	ug/l #	70
20) Methylene Chloride	4.716	84	17498	1.883	ug/l	94
29) Tetrahydrofuran	7.350	42	983	1.568	ug/l #	90
31) Cyclohexane	7.789	56	3188	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11677	4.411	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15357	5.617	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50817	37.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50817	82.618	ug/l #	11

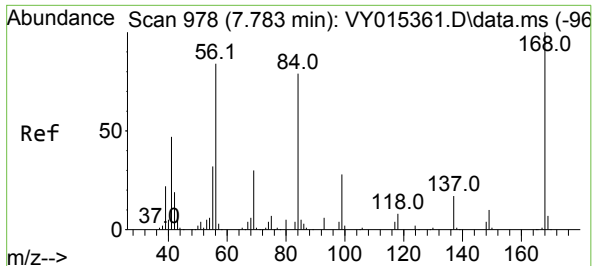
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
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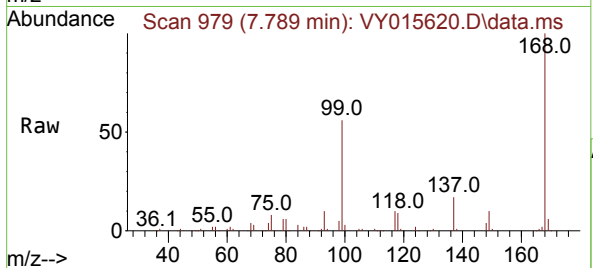
Quant Time: Sep 19 02:05:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



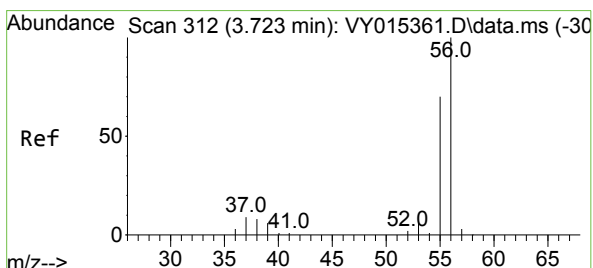
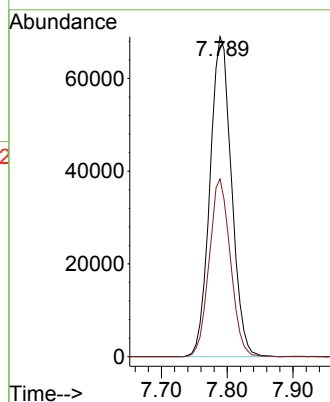
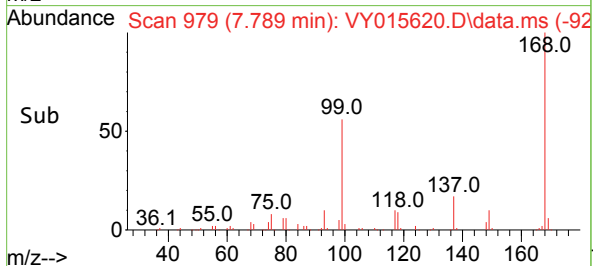


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :

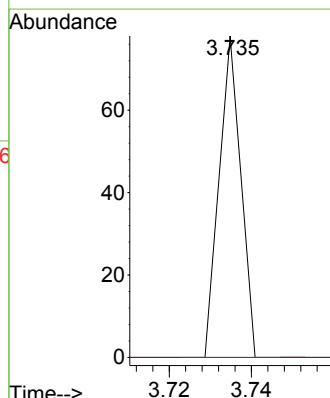
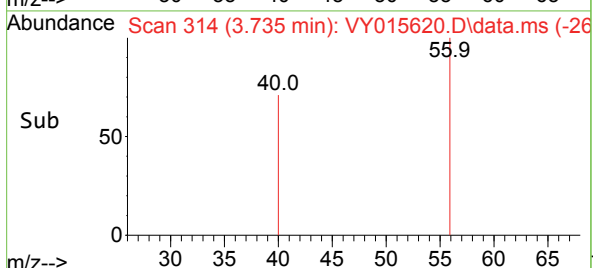
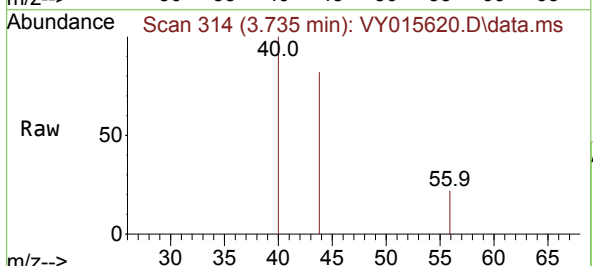


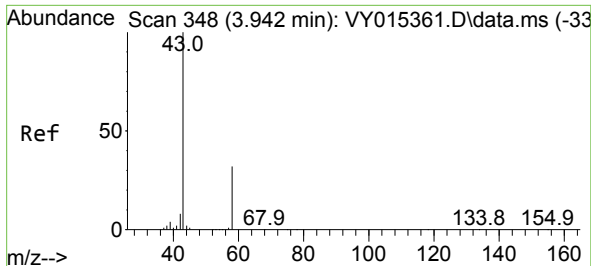
Tgt Ion:168 Resp: 157352
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#13
Acrolein
Concen: 11.705 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 4.295 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY015620.D

Acq: 18 Sep 2023 17:22

Instrument :

MSVOA_Y

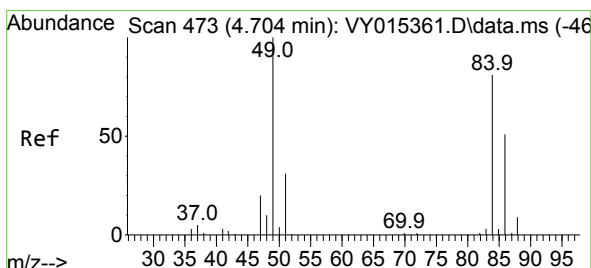
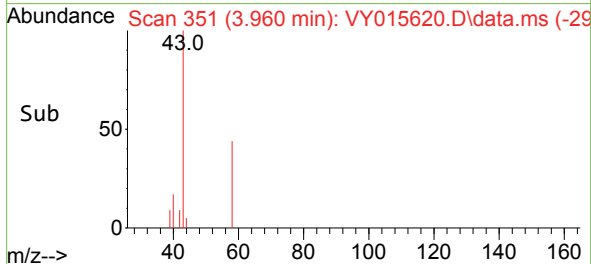
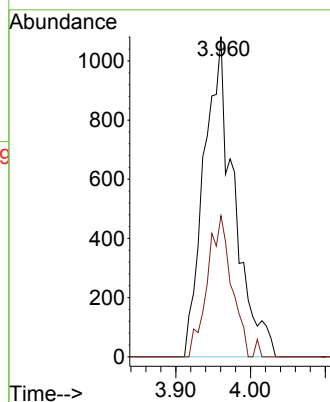
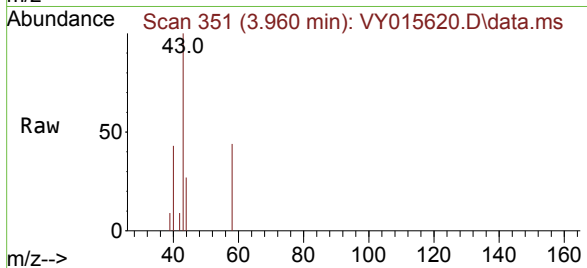
ClientSampleId :

Tgt Ion: 43 Resp: 3024

Ion Ratio Lower Upper

43 100

58 44.1 22.7 34.1#



#20

Methylene Chloride

Concen: 1.883 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015620.D

Acq: 18 Sep 2023 17:22

Tgt Ion: 84 Resp: 17498

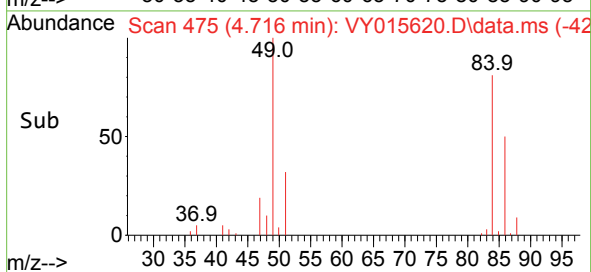
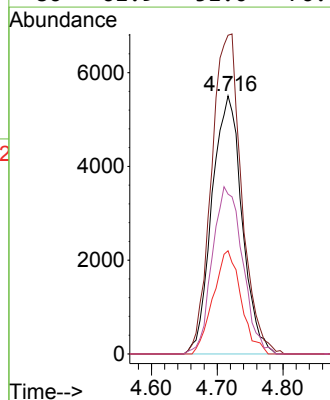
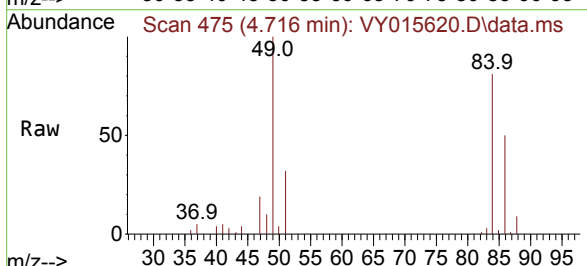
Ion Ratio Lower Upper

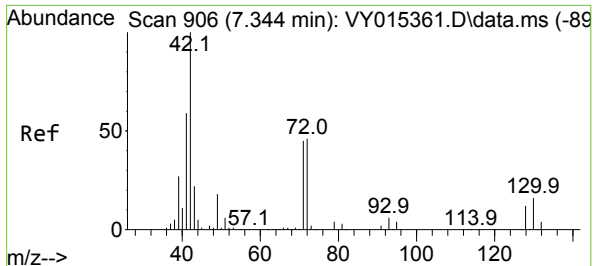
84 100

49 123.5 106.9 160.3

51 40.0 33.2 49.8

86 61.9 51.0 76.6





#29

Tetrahydrofuran

Concen: 1.568 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015620.D

Acq: 18 Sep 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

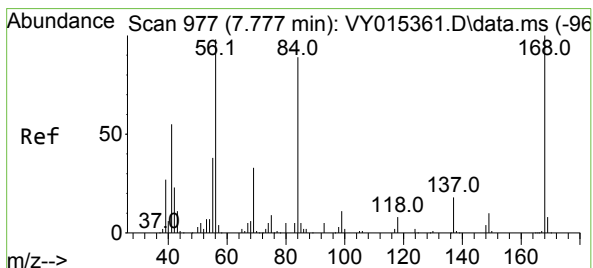
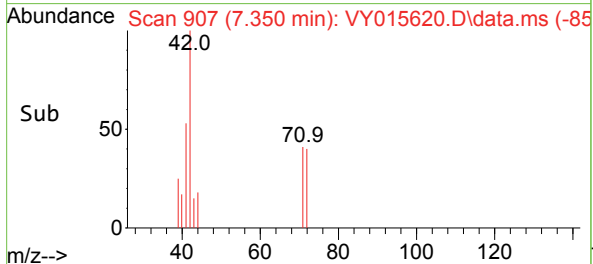
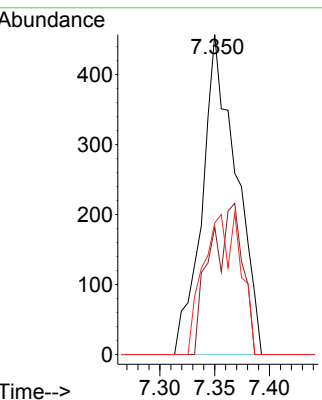
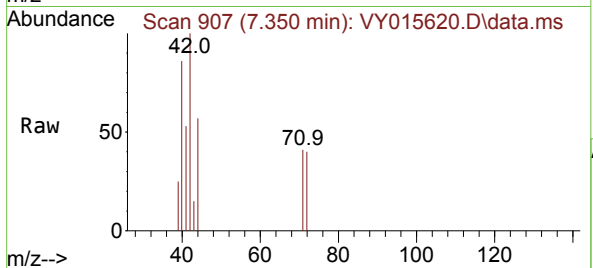
Tgt Ion: 42 Resp: 983

Ion Ratio Lower Upper

42 100

72 44.7 32.8 49.2

71 47.4 31.0 46.4#



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015620.D

Acq: 18 Sep 2023 17:22

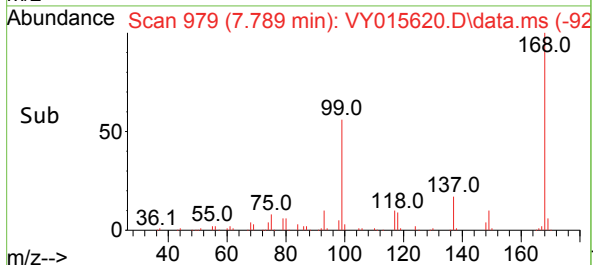
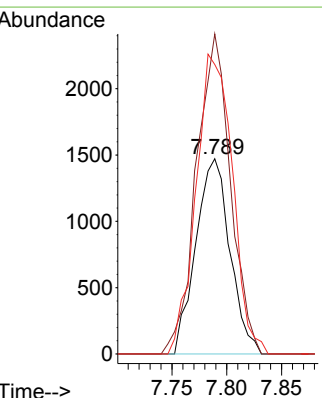
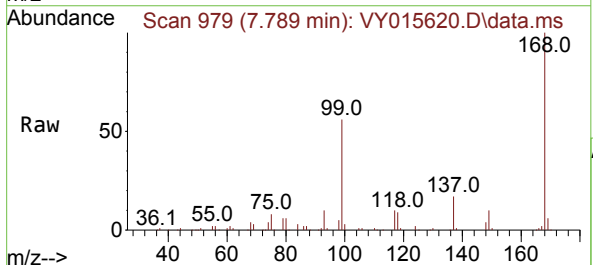
Tgt Ion: 56 Resp: 3188

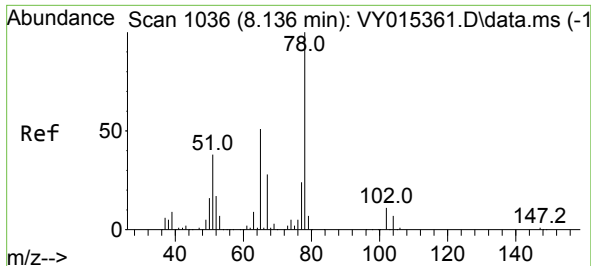
Ion Ratio Lower Upper

56 100

69 163.9 27.8 41.6#

84 148.3 66.4 99.6#

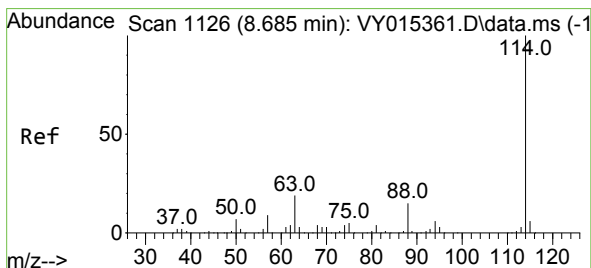
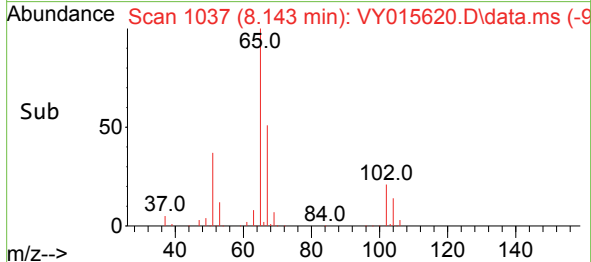
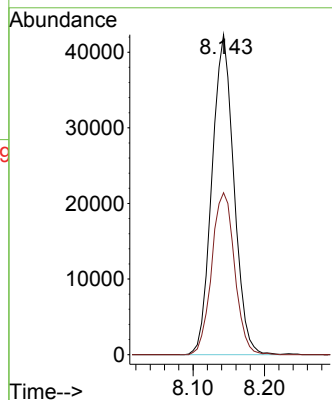
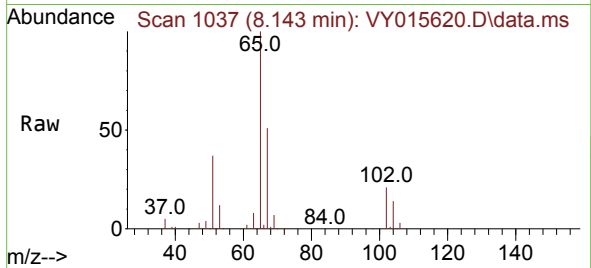




#33
1,2-Dichloroethane-d4
Concen: 53.465 ug/l
RT: 8.143 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

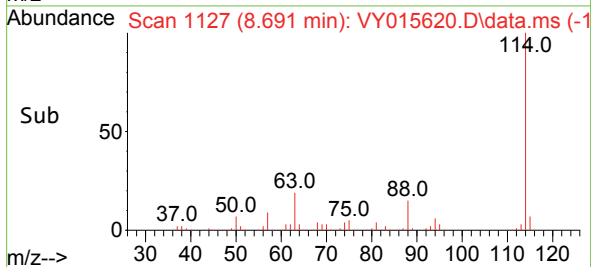
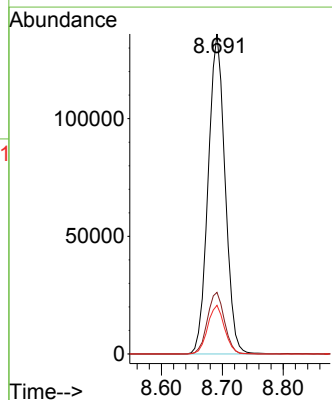
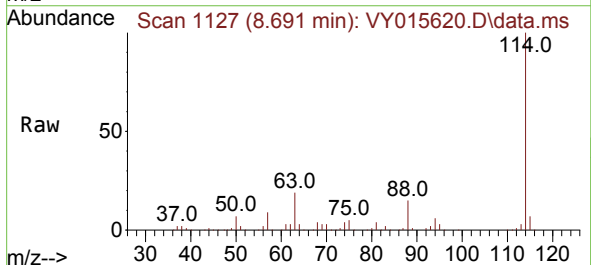
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 90184
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

Tgt Ion:114 Resp: 261732
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 15.2 0.0 30.6

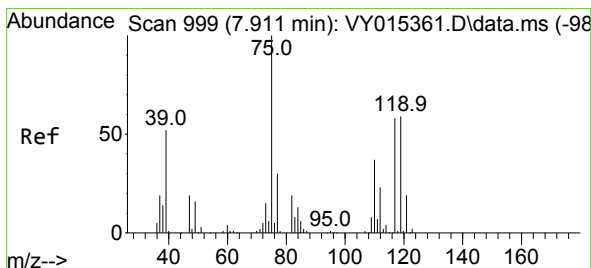
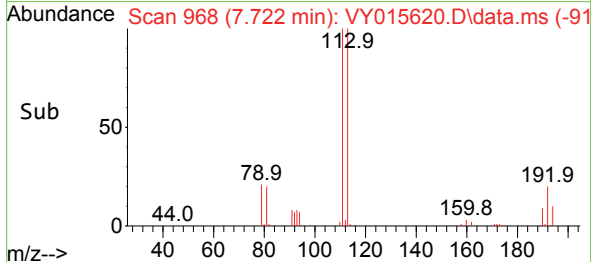
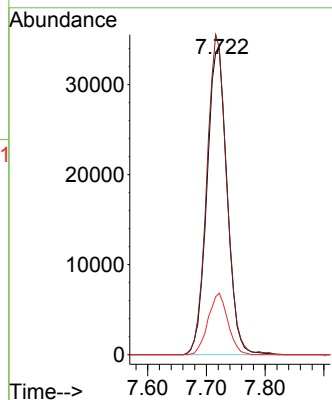
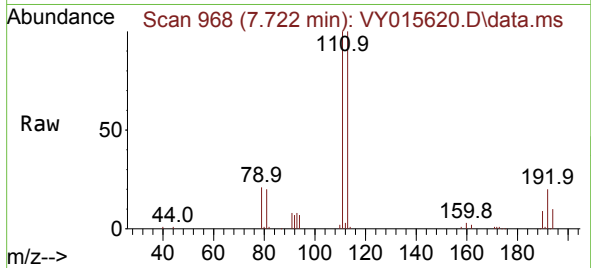




#35
Dibromofluoromethane
Concen: 53.948 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

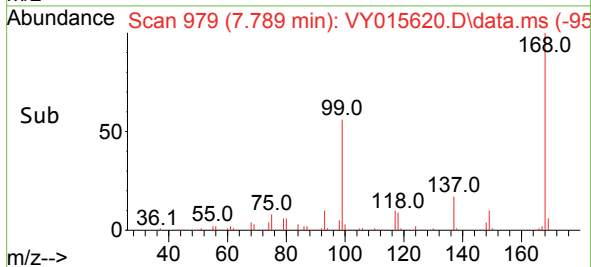
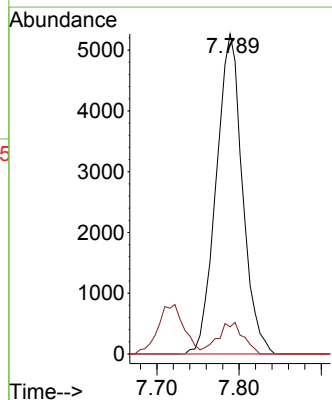
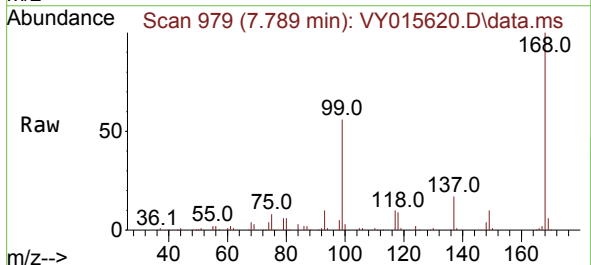
Instrument :
MSVOA_Y
ClientSampleId :

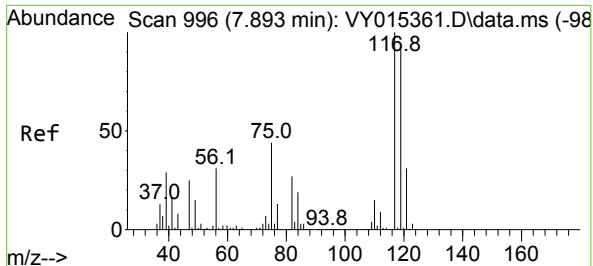
Tgt Ion:113 Resp: 81328
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

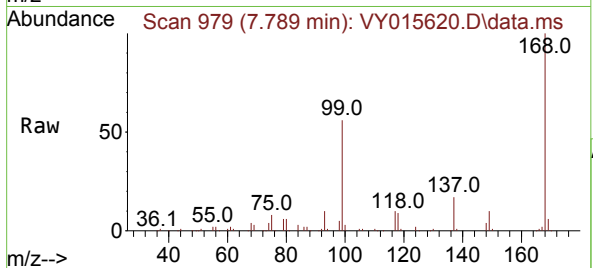
Tgt Ion: 75 Resp: 11677
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



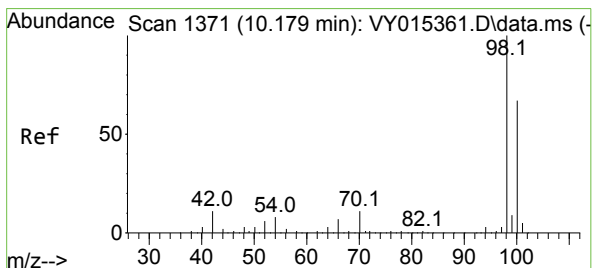
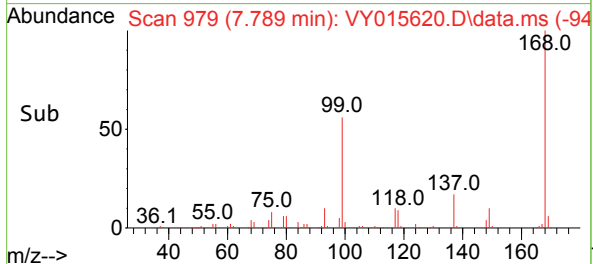
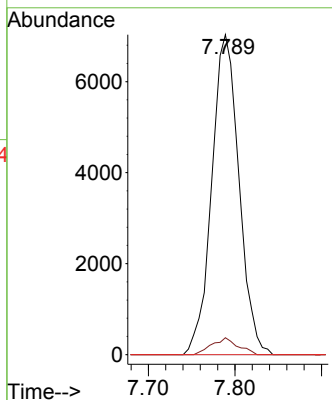


#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :

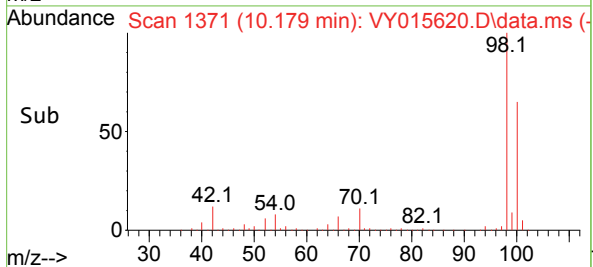
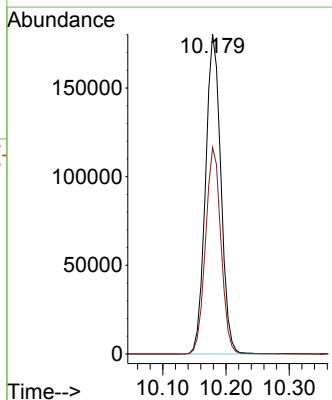
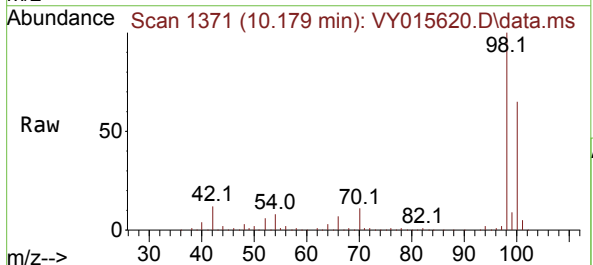


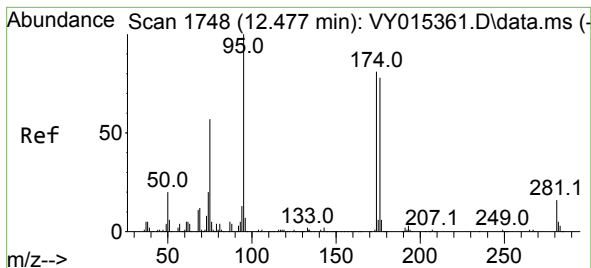
Tgt Ion:117 Resp: 15357
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.711 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

Tgt Ion: 98 Resp: 304142
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

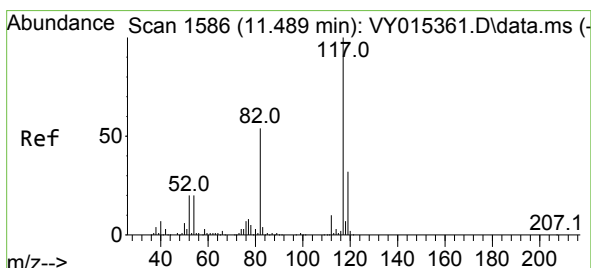
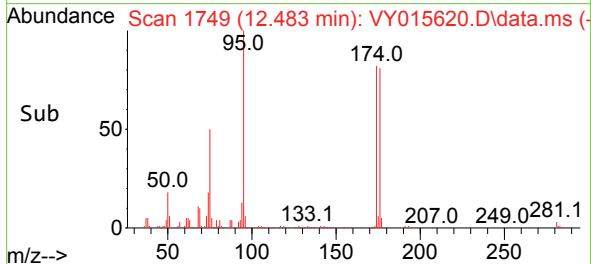
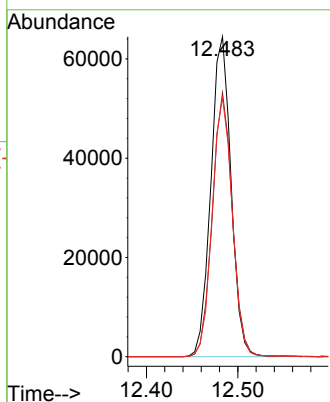
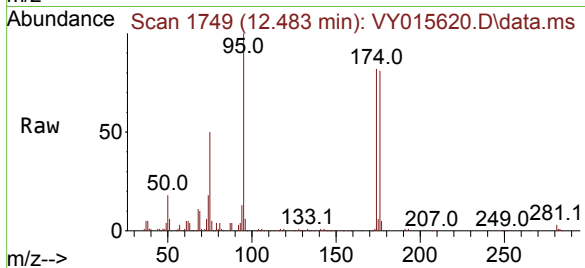




#62
4-Bromofluorobenzene
Concen: 48.740 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

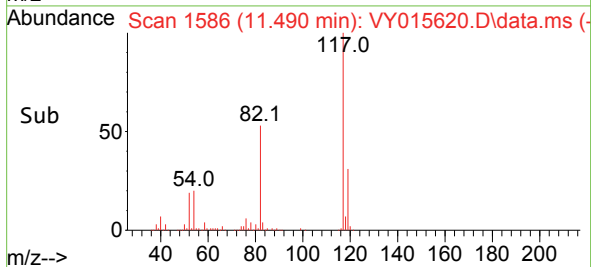
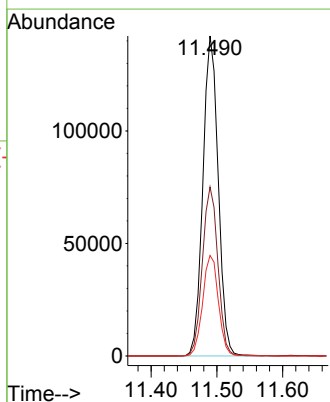
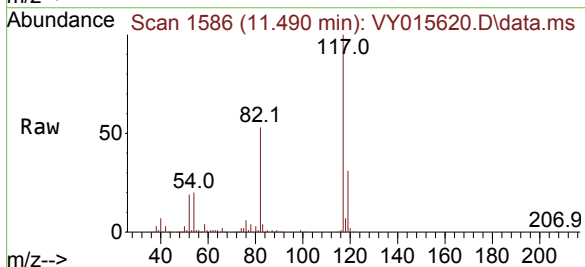
Instrument :
MSVOA_Y
ClientSampleId :

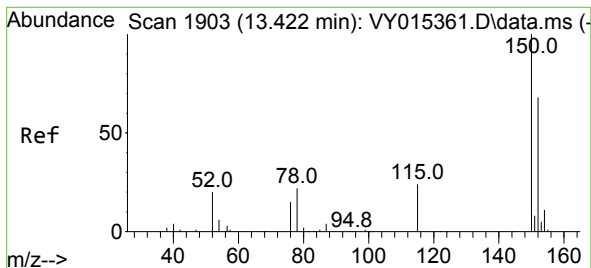
Tgt Ion: 95 Resp: 98781
Ion Ratio Lower Upper
95 100
174 81.7 0.0 178.2
176 81.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015620.D
Acq: 18 Sep 2023 17:22

Tgt Ion: 117 Resp: 230902
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.4 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: VY015620.D

Acq: 18 Sep 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

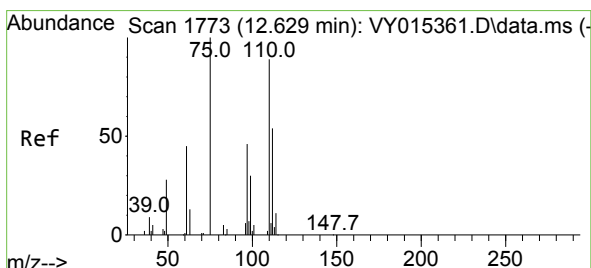
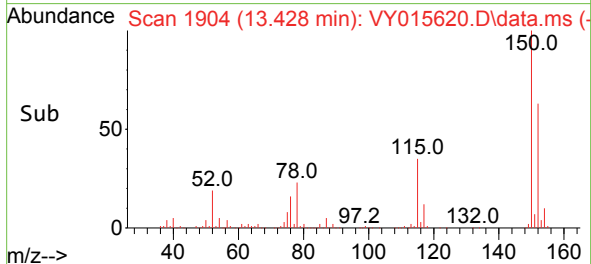
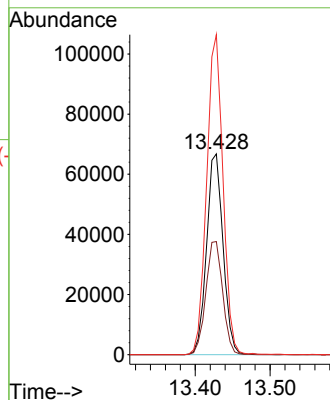
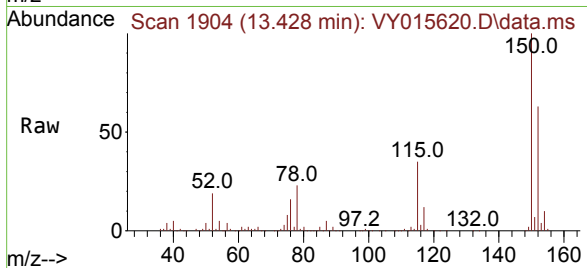
Tgt Ion:152 Resp: 102315

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 157.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.453 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015620.D

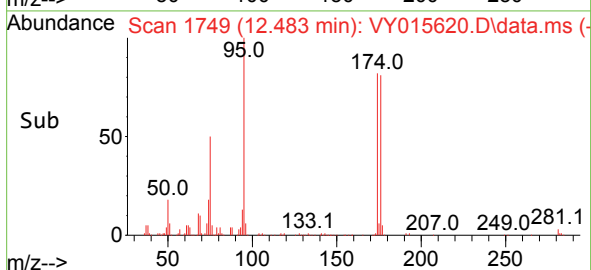
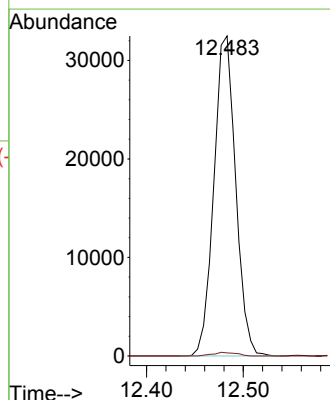
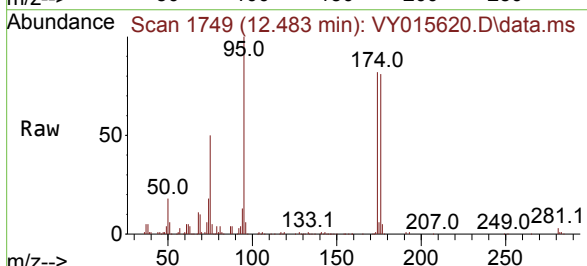
Acq: 18 Sep 2023 17:22

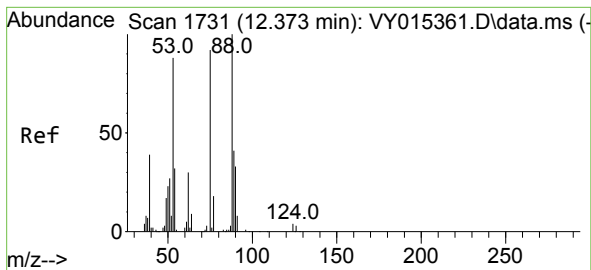
Tgt Ion: 75 Resp: 50817

Ion Ratio Lower Upper

75 100

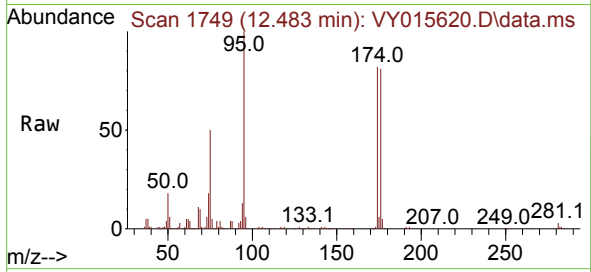
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.618 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015620.D
 Acq: 18 Sep 2023 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :



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

