

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015893.D
 Acq On : 10 Oct 2023 13:43
 Operator : SY/MD
 Sample : 04609-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:19:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

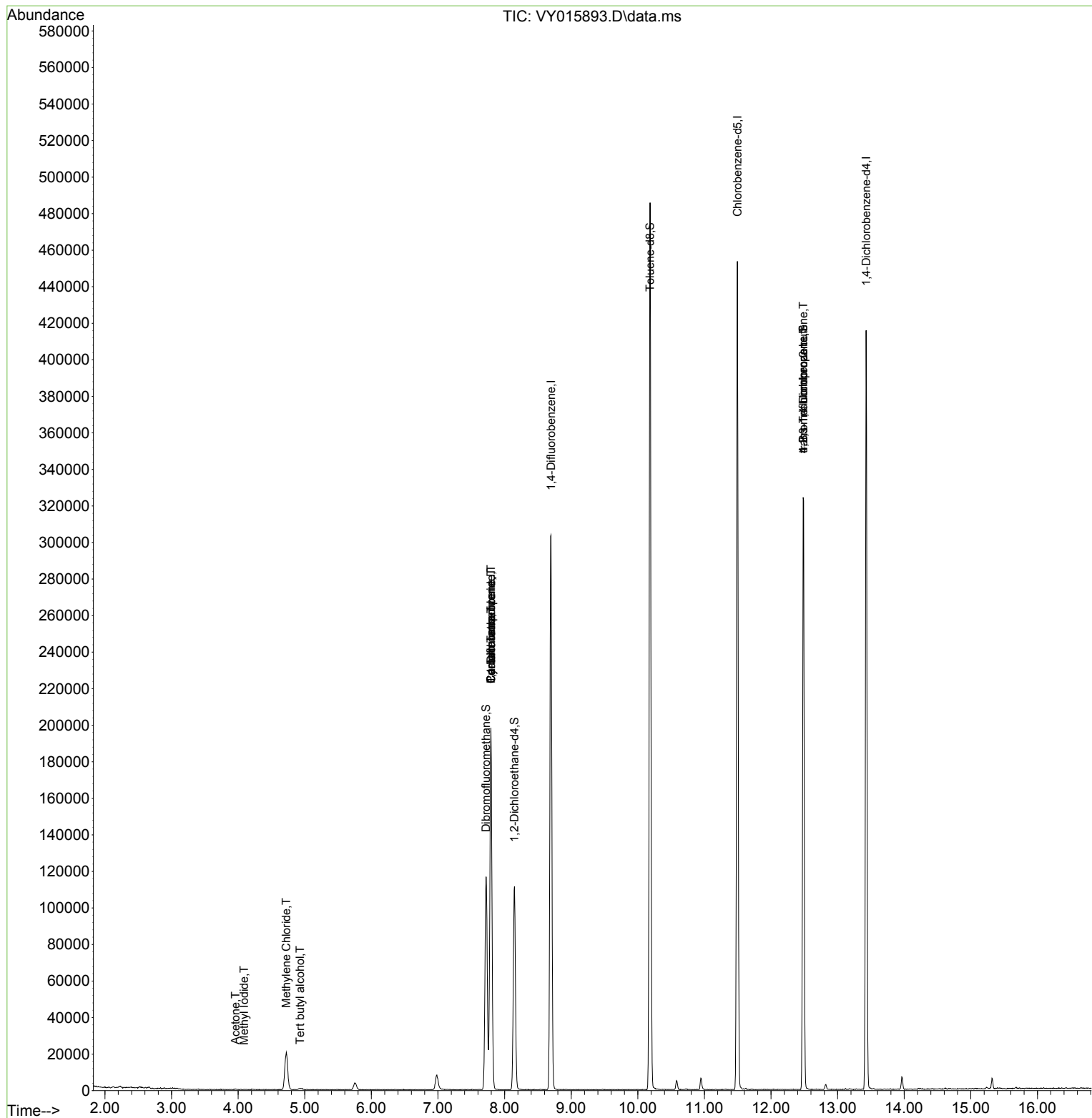
Internal Standards						
1) Pentafluorobenzene	7.795	168	153878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	250688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86662	62.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.180%	
35) Dibromofluoromethane	7.722	113	87053	57.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.620%	
50) Toluene-d8	10.185	98	321203	64.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 128.320%	
62) 4-Bromofluorobenzene	12.483	95	104219	51.255	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.520%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	65	2.326	ug/l #	38
11) Tert butyl alcohol	4.930	59	525	12.160	ug/l #	89
16) Acetone	3.960	43	527	6.943	ug/l	94
20) Methylene Chloride	4.722	84	16337	2.349	ug/l	88
31) Cyclohexane	7.795	56	2917	1.967	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11421	6.789	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15014	7.431	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53221	42.257	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53221	93.704	ug/l #	10

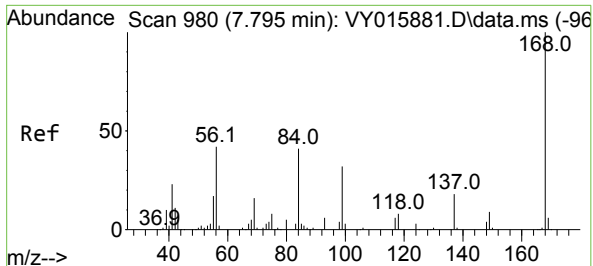
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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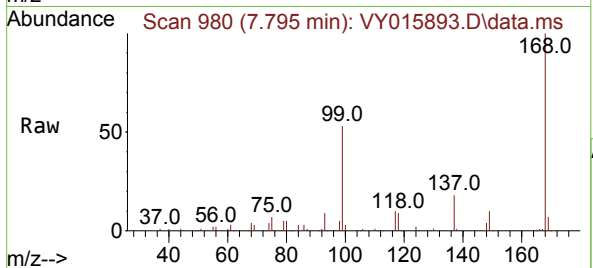
Quant Time: Oct 11 01:19:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration



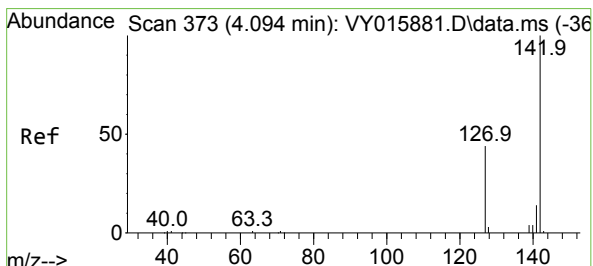
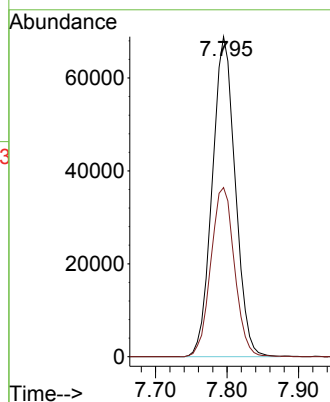
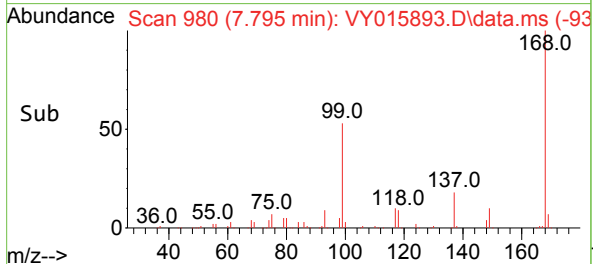


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :

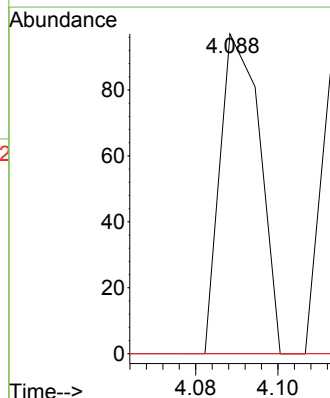
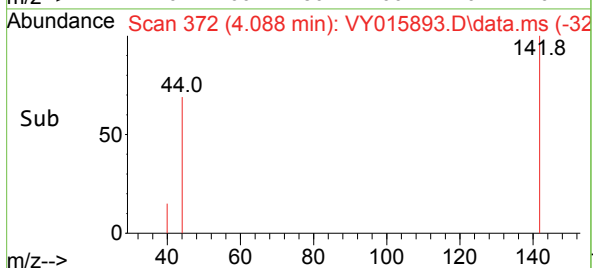
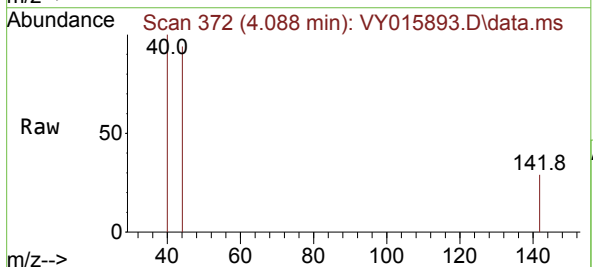


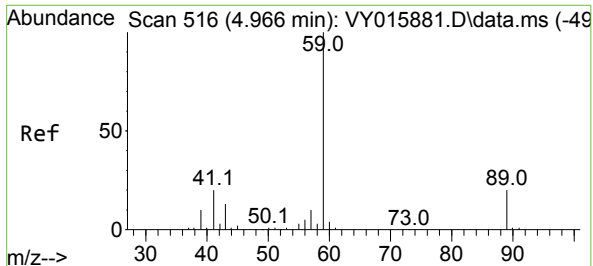
Tgt Ion:168 Resp: 153878
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.326 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#11

Tert butyl alcohol

Concen: 12.160 ug/l

RT: 4.930 min Scan# 516

Delta R.T. -0.036 min

Lab File: VY015893.D

Acq: 10 Oct 2023 13:43

Instrument :

MSVOA_Y

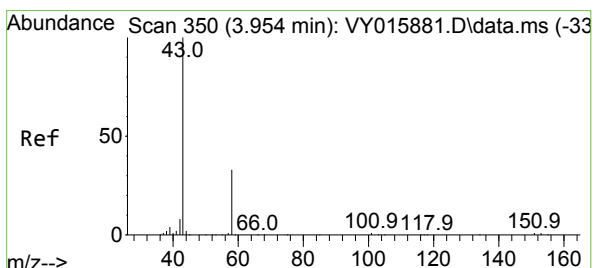
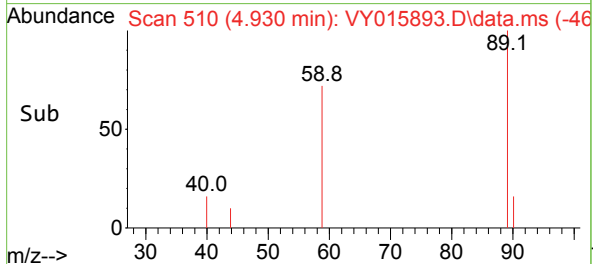
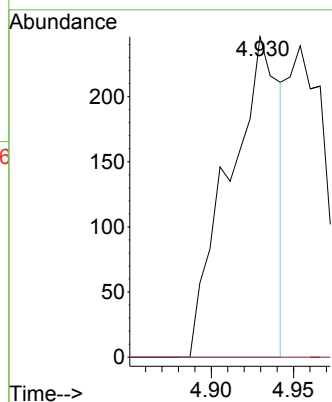
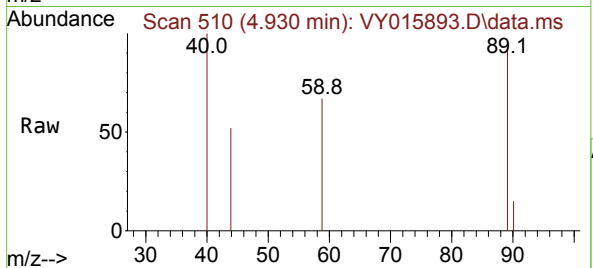
ClientSampleId :

Tgt Ion: 59 Resp: 525

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 6.943 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY015893.D

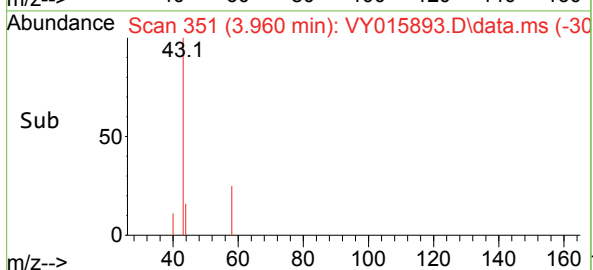
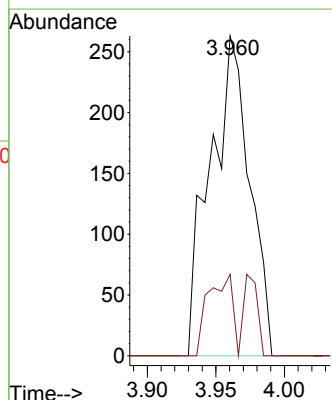
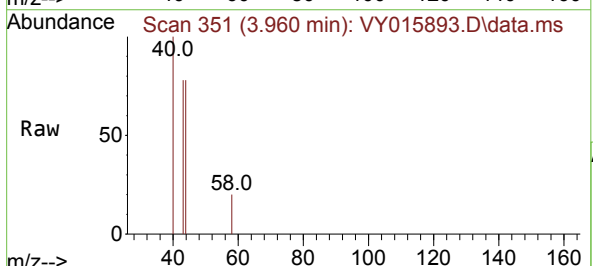
Acq: 10 Oct 2023 13:43

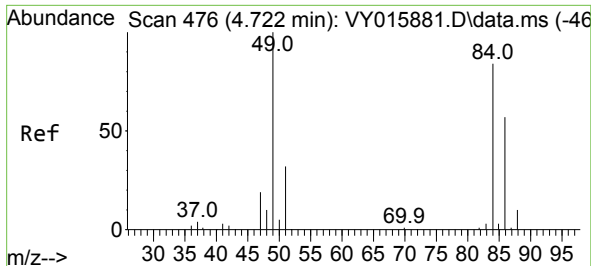
Tgt Ion: 43 Resp: 527

Ion Ratio Lower Upper

43 100

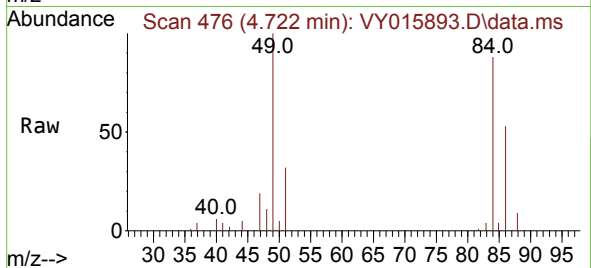
58 25.5 22.7 34.1



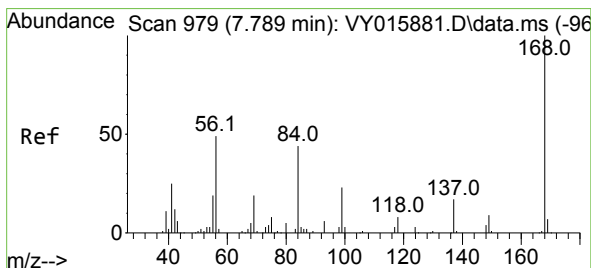
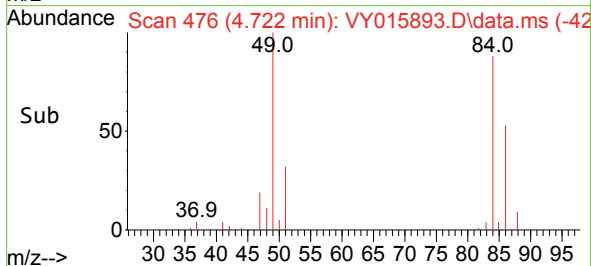
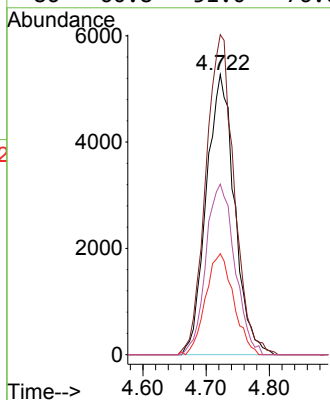


#20
Methylene Chloride
Concen: 2.349 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :

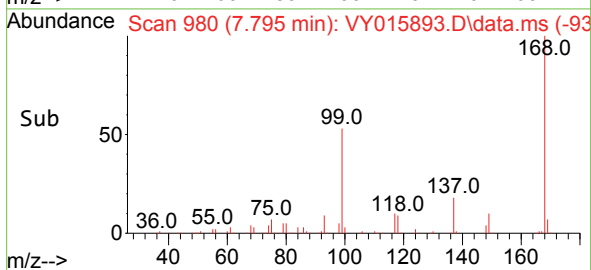
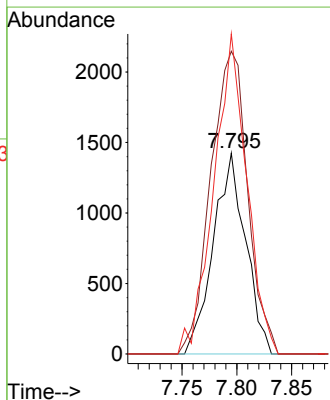
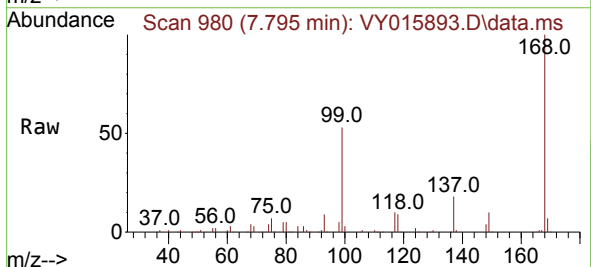


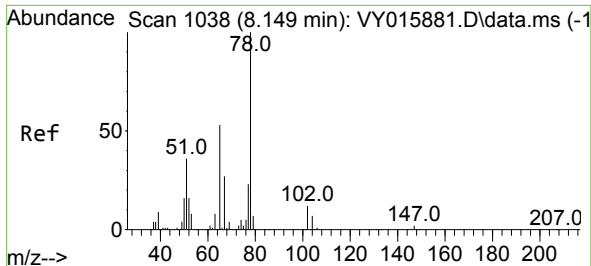
Tgt Ion:	84	Resp:	16337
Ion	Ratio	Lower	Upper
84	100		
49	114.2	106.9	160.3
51	36.0	33.2	49.8
86	60.8	51.0	76.6



#31
Cyclohexane
Concen: 1.967 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

Tgt Ion:	56	Resp:	2917
Ion	Ratio	Lower	Upper
56	100		
69	150.8	27.8	41.6#
84	159.4	66.4	99.6#

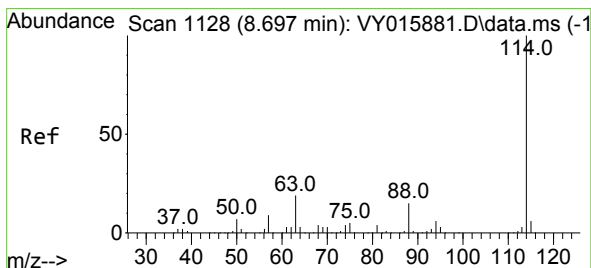
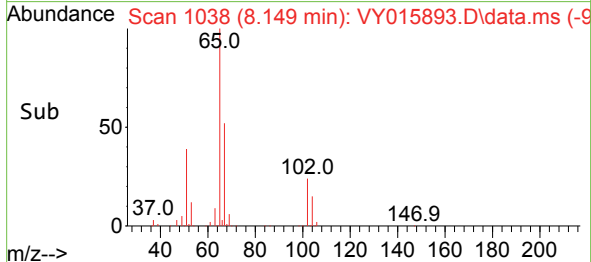
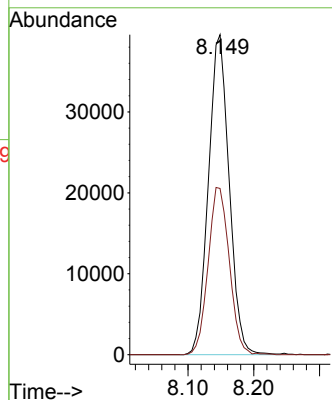
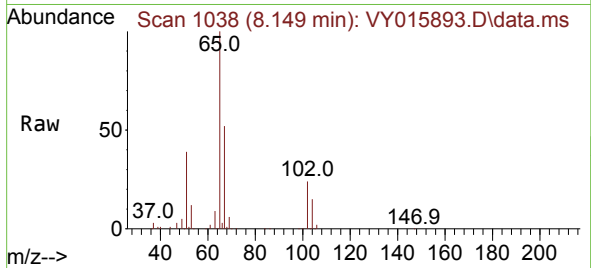




#33
 1,2-Dichloroethane-d4
 Concen: 62.590 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY015893.D
 Acq: 10 Oct 2023 13:43

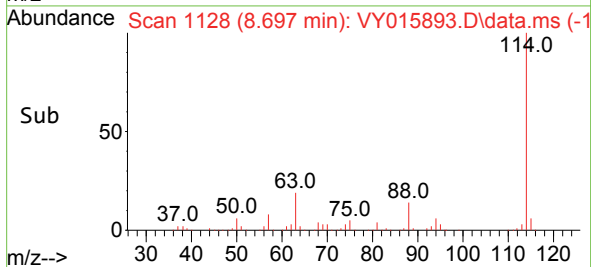
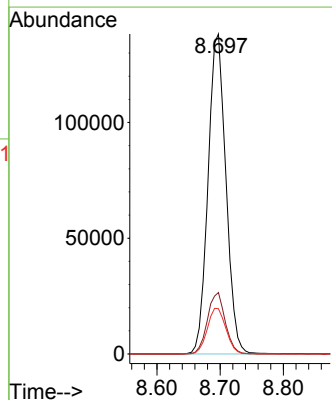
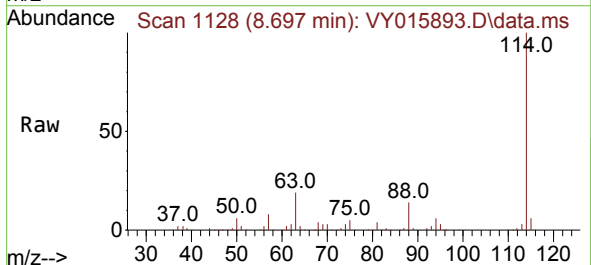
Instrument :
 MSVOA_Y
 ClientSampleId :

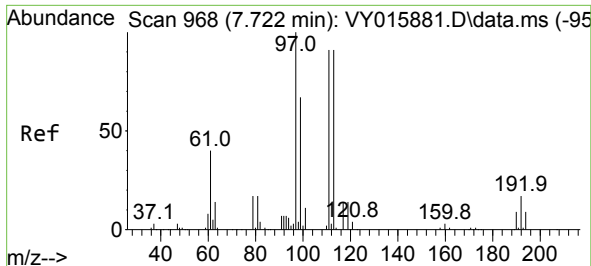
Tgt Ion: 65 Resp: 86662
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY015893.D
 Acq: 10 Oct 2023 13:43

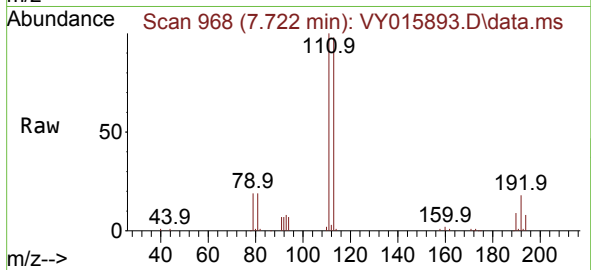
Tgt Ion: 114 Resp: 272325
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 14.2 0.0 30.6



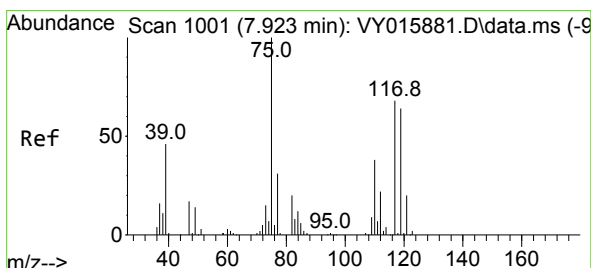
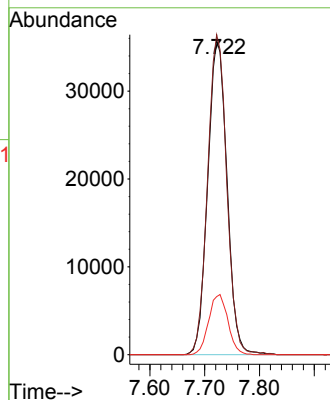
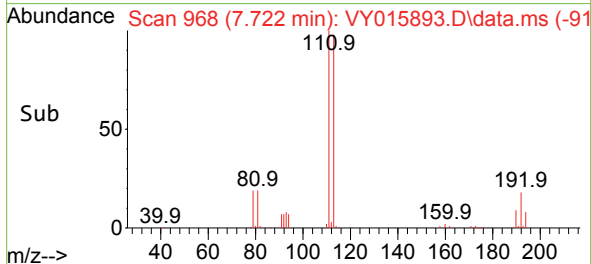


#35
Dibromofluoromethane
Concen: 57.311 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

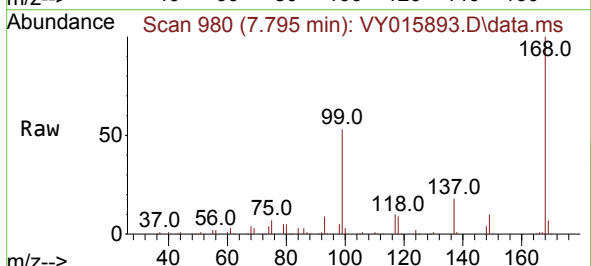
Instrument :
MSVOA_Y
ClientSampleId :



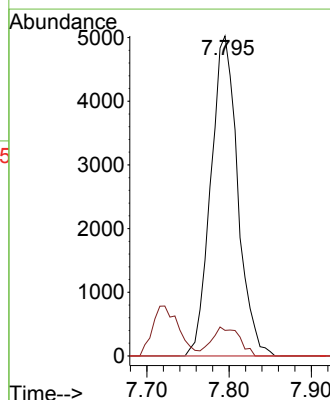
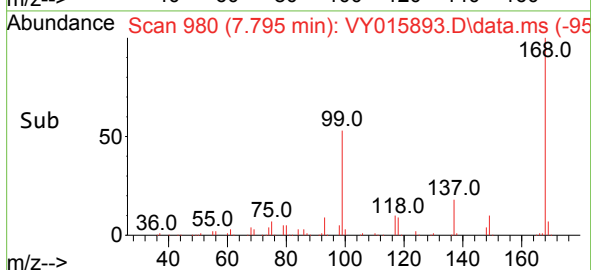
Tgt Ion:113 Resp: 87053
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.1 16.9 25.3

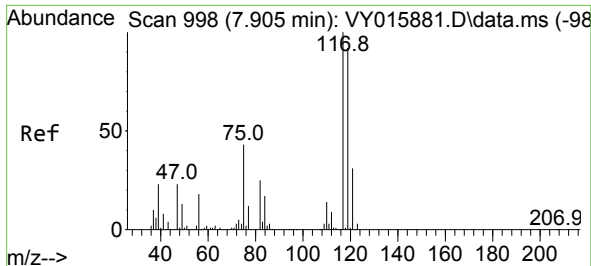


#36
1,1-Dichloropropene
Concen: 6.789 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43



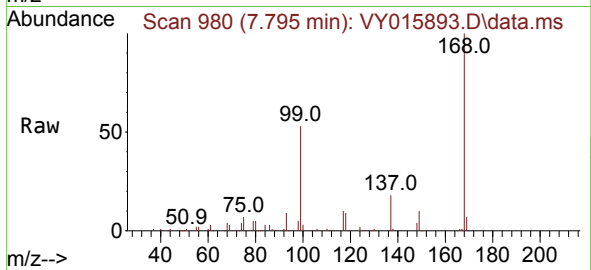
Tgt Ion: 75 Resp: 11421
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.5#
77 0.0 24.4 36.6#



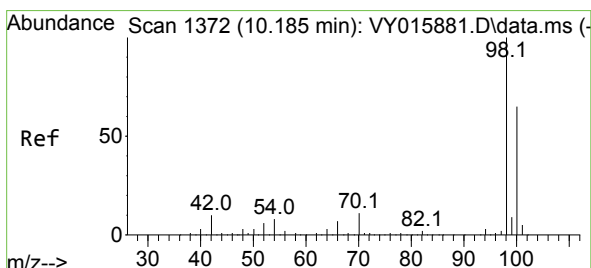
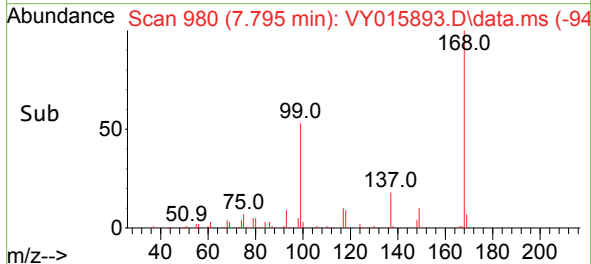
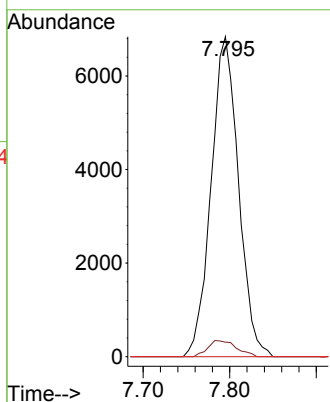


#38
Carbon Tetrachloride
Concen: 7.431 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :

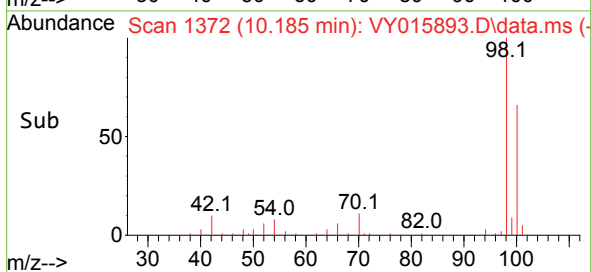
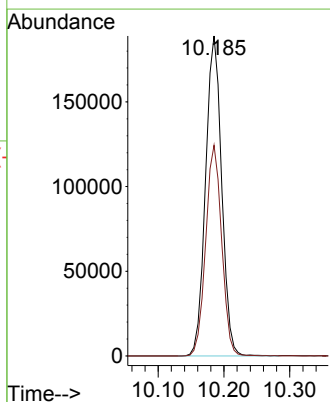
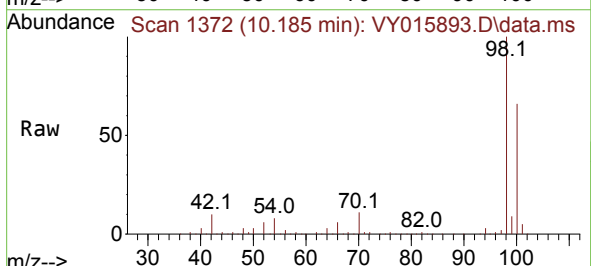


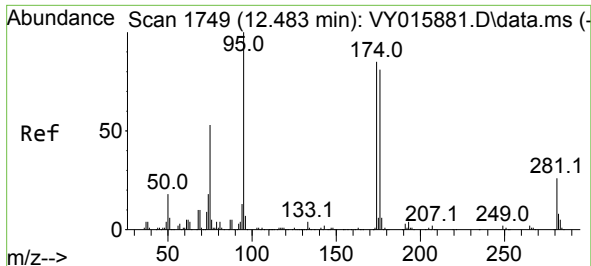
Tgt Ion:117 Resp: 15014
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 64.163 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

Tgt Ion: 98 Resp: 321203
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

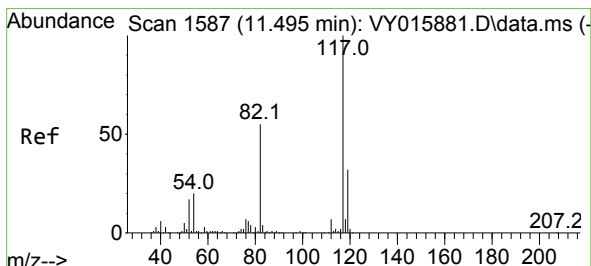
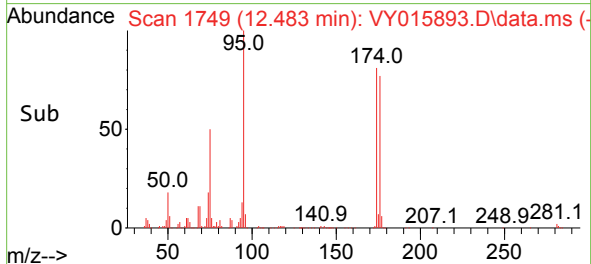
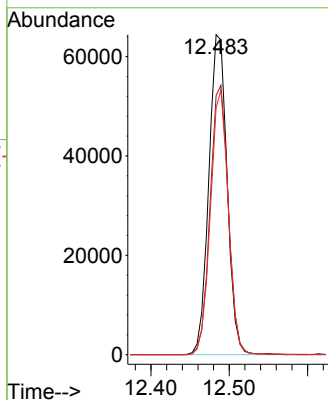
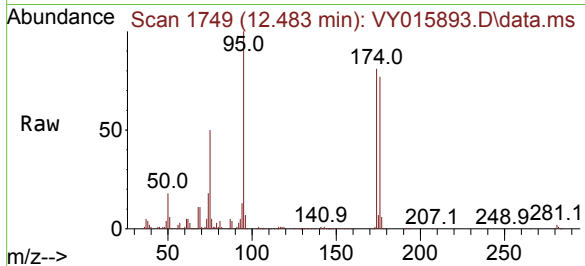




#62
4-Bromofluorobenzene
Concen: 51.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

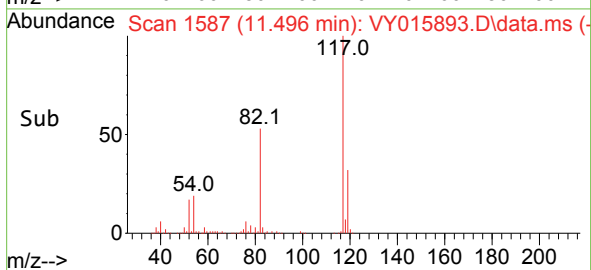
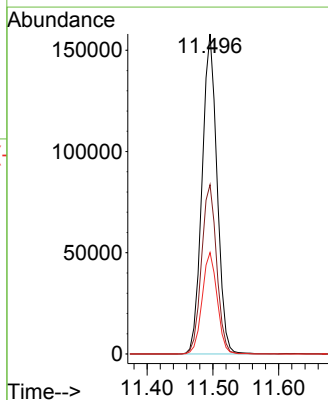
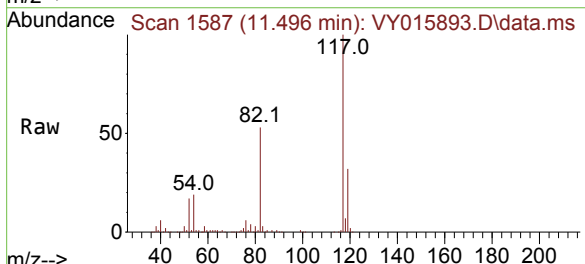
Instrument :
MSVOA_Y
ClientSampleId :

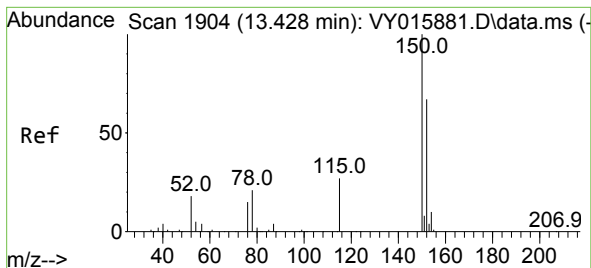
Tgt Ion: 95 Resp: 104219
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 80.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY015893.D
Acq: 10 Oct 2023 13:43

Tgt Ion: 117 Resp: 250688
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

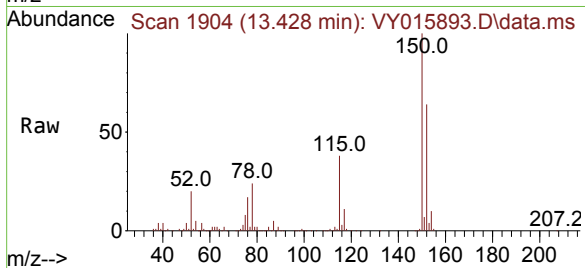
Lab File: VY015893.D

Acq: 10 Oct 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :



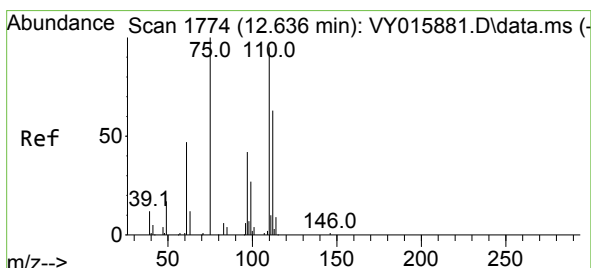
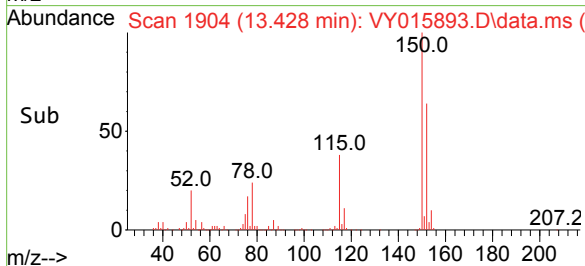
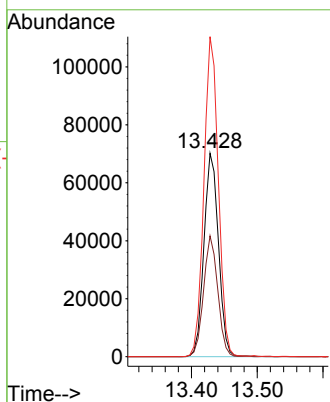
Tgt Ion:152 Resp: 107889

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 155.9 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 42.257 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY015893.D

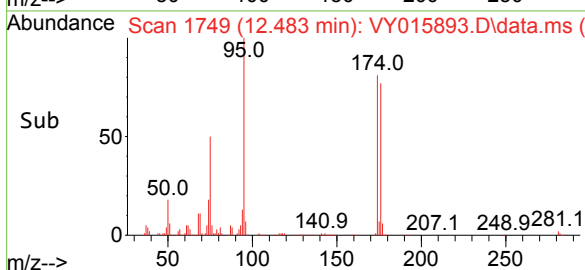
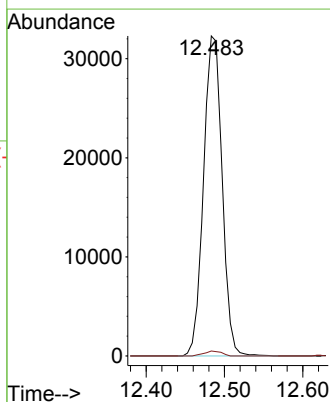
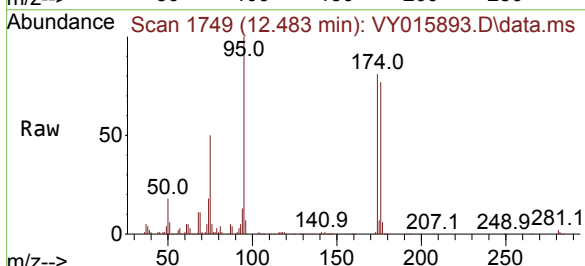
Acq: 10 Oct 2023 13:43

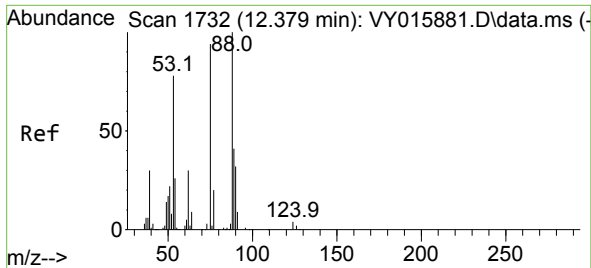
Tgt Ion: 75 Resp: 53221

Ion Ratio Lower Upper

75 100

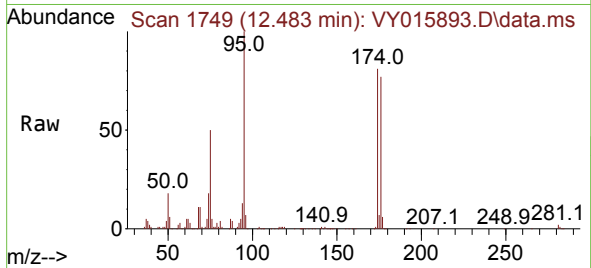
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.704 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015893.D
 Acq: 10 Oct 2023 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 53221
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

