

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
 Data File : VY015701.D
 Acq On : 25 Sep 2023 16:00
 Operator : SY/MD
 Sample : 04601-01
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:24:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

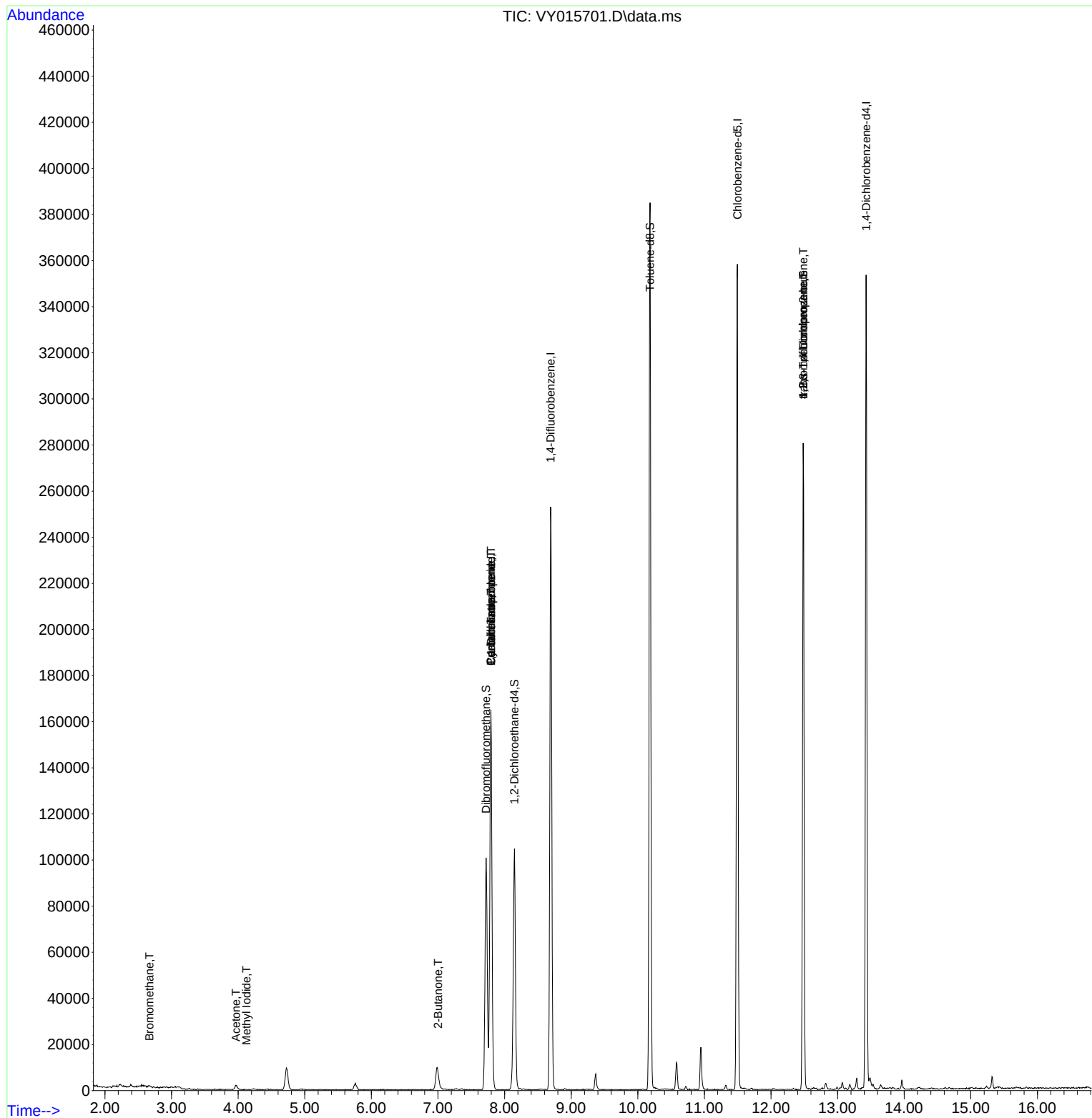
Internal Standards						
1) Pentafluorobenzene	7.795	168	126697	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	217154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77746	55.771	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.540%	
35) Dibromofluoromethane	7.722	113	71802	55.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.185	98	257883	58.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.040%	
62) 4-Bromofluorobenzene	12.483	95	84510	48.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	142	2.669	ug/l	99
10) Methyl Iodide	4.125	142	131	2.812	ug/l #	38
11) Tert butyl alcohol	4.966	59	758	Below Cal	#	89
16) Acetone	3.966	43	3357	4.500	ug/l	91
20) Methylene Chloride	4.728	84	7045	Below Cal		95
25) 2-Butanone	7.002	43	2532	2.401	ug/l #	84
31) Cyclohexane	7.795	56	2786	1.443	ug/l #	27
36) 1,1-Dichloropropene	7.795	75	9969	5.187	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12777	6.125	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	44221	30.812	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44221	69.386	ug/l #	10

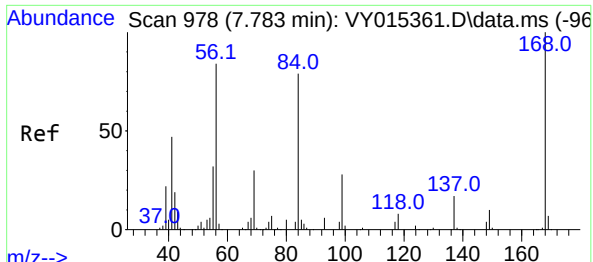
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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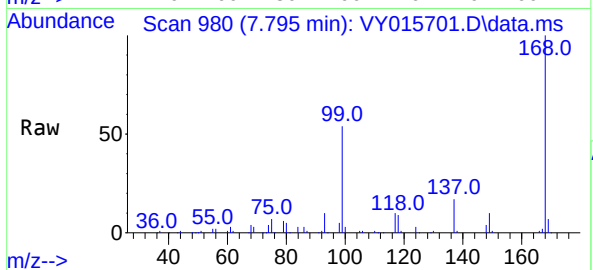
Quant Time: Sep 26 04:24:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



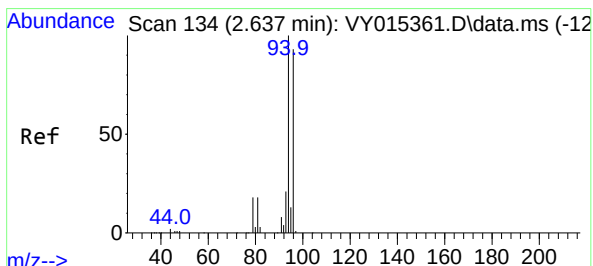
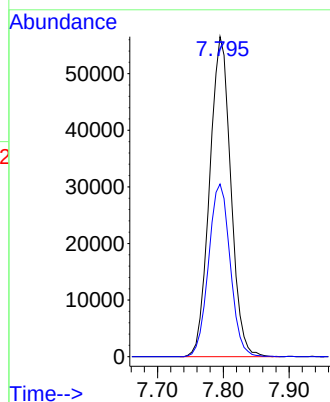
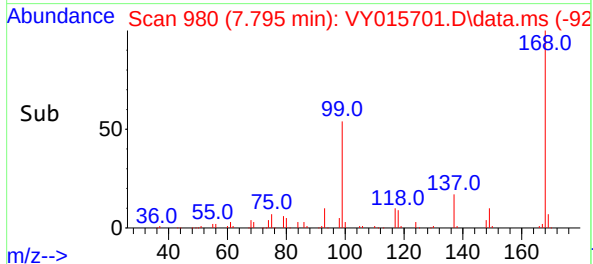


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :

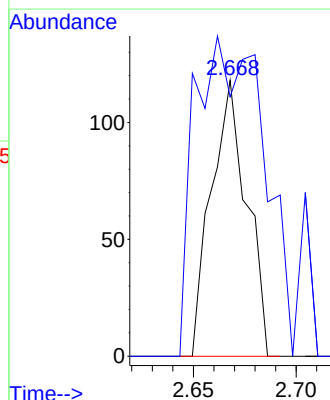
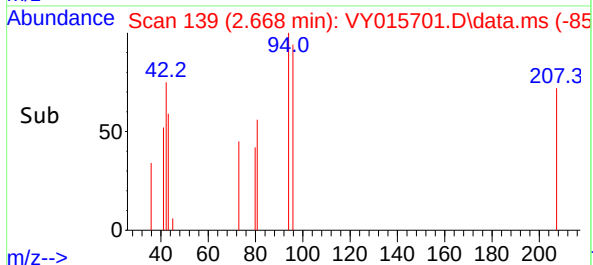
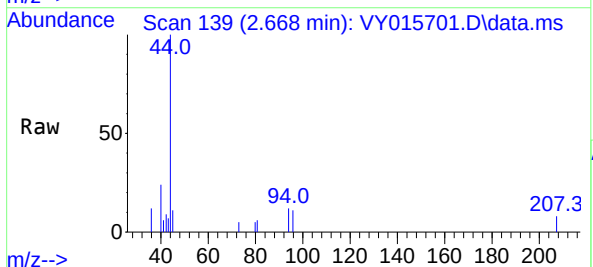


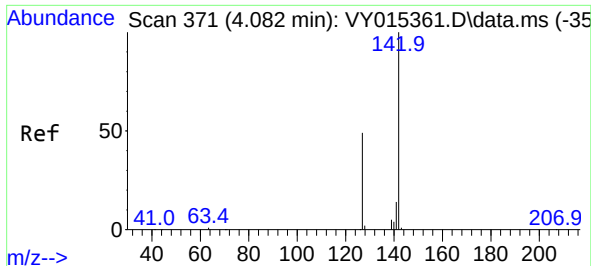
Tgt Ion:168 Resp: 126697
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#5
Bromomethane
Concen: 2.669 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

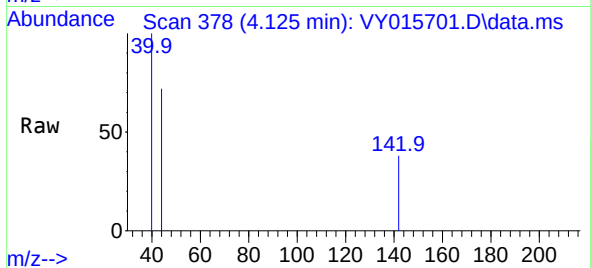
Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.6



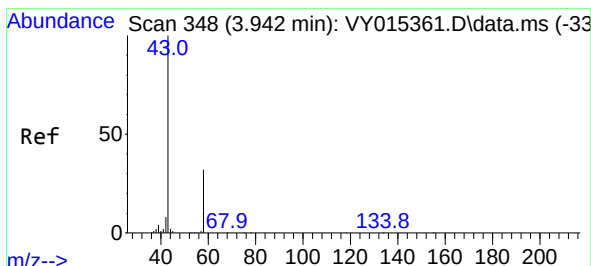
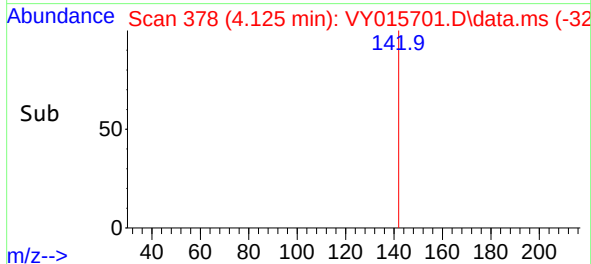
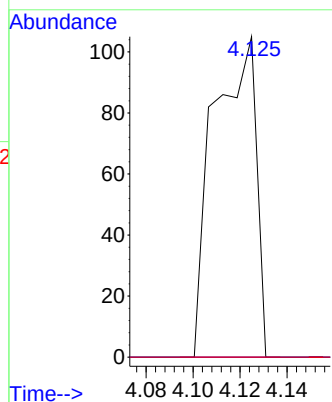


#10
Methyl Iodide
Concen: 2.812 ug/l
RT: 4.125 min Scan# 31
Delta R.T. 0.043 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :

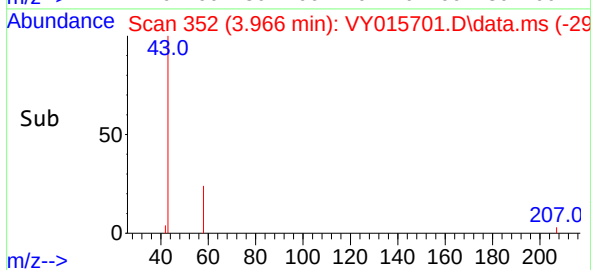
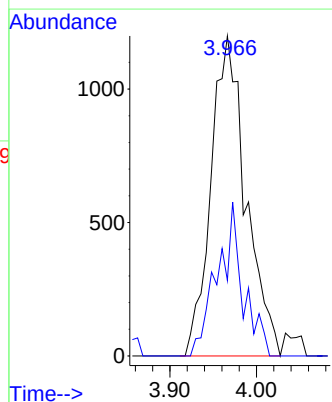
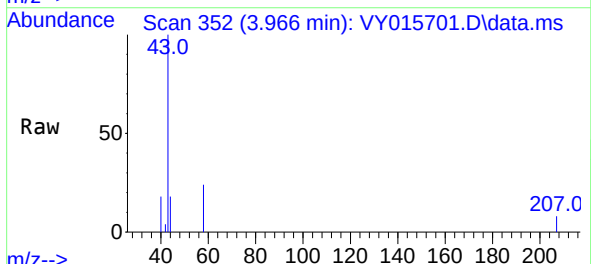


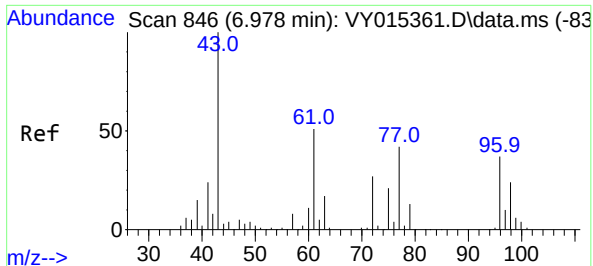
Tgt Ion:142 Resp: 131
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 4.500 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

Tgt Ion: 43 Resp: 3357
Ion Ratio Lower Upper
43 100
58 23.6 22.7 34.1

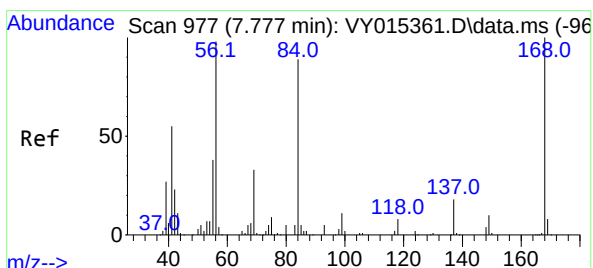
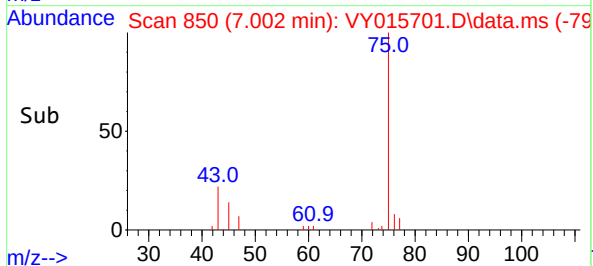
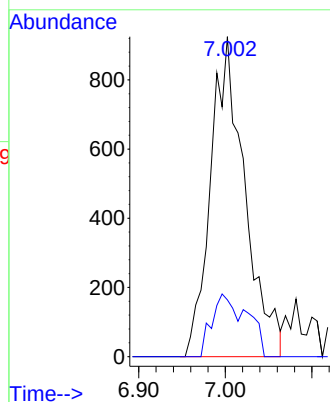
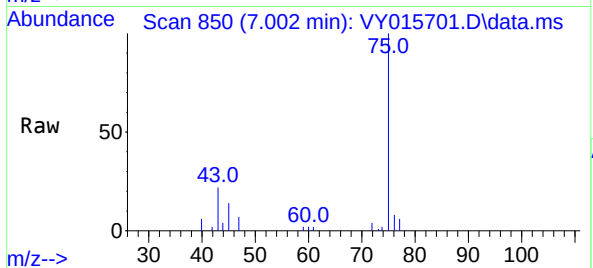




#25
2-Butanone
Concen: 2.401 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

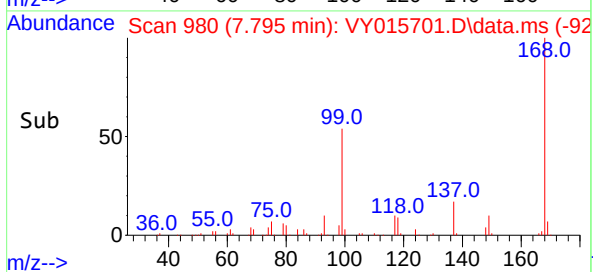
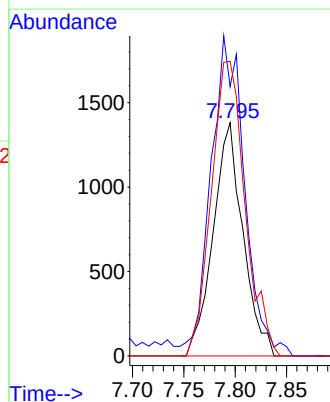
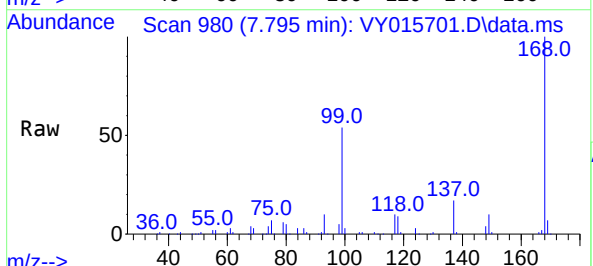
Instrument :
MSVOA_Y
ClientSampleId :

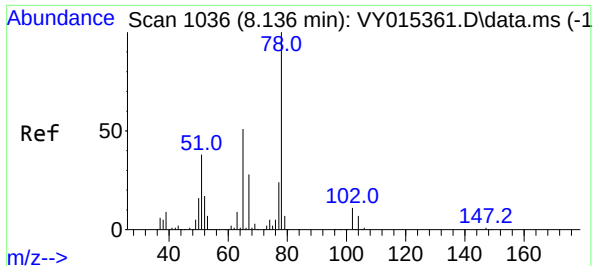
Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
72 17.7 20.5 30.7#



#31
Cyclohexane
Concen: 1.443 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

Tgt Ion: 56 Resp: 2786
Ion Ratio Lower Upper
56 100
69 111.4 27.8 41.6#
84 126.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.771 ug/l

RT: 8.149 min Scan# 1036

Delta R.T. 0.013 min

Lab File: VY015701.D

Acq: 25 Sep 2023 16:00

Instrument :

MSVOA_Y

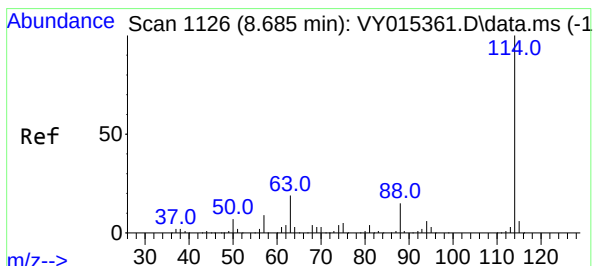
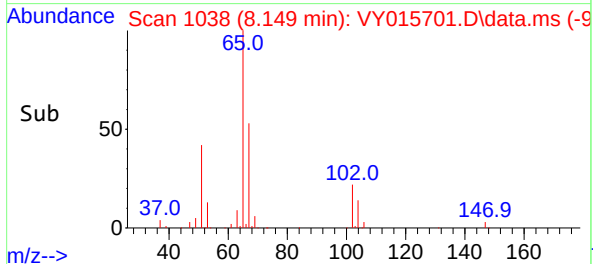
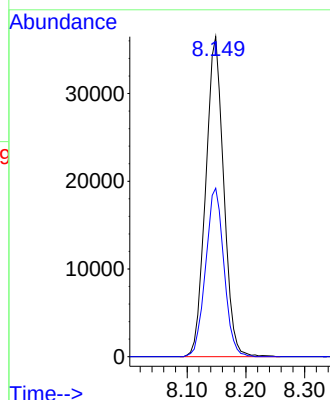
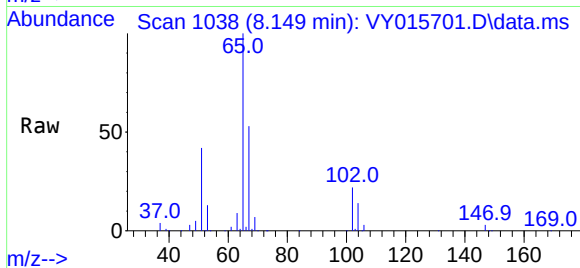
ClientSampleId :

Tgt Ion: 65 Resp: 77746

Ion Ratio Lower Upper

65 100

67 53.5 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: VY015701.D

Acq: 25 Sep 2023 16:00

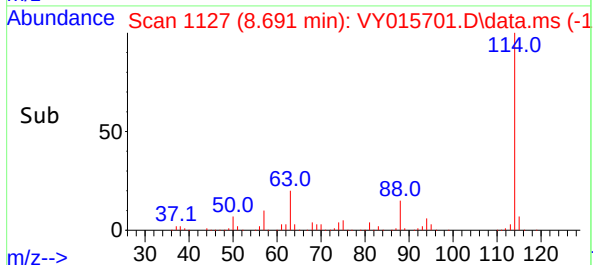
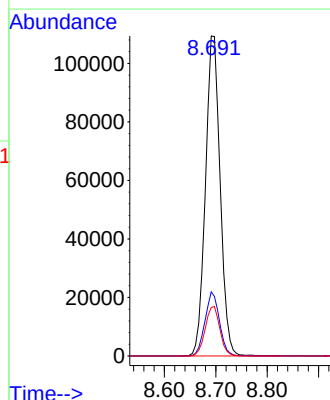
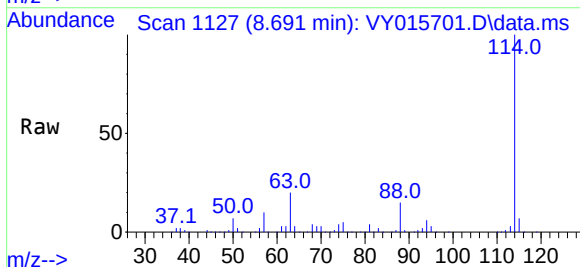
Tgt Ion: 114 Resp: 217154

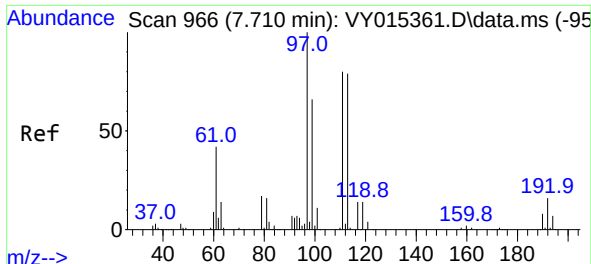
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.1 0.0 30.6

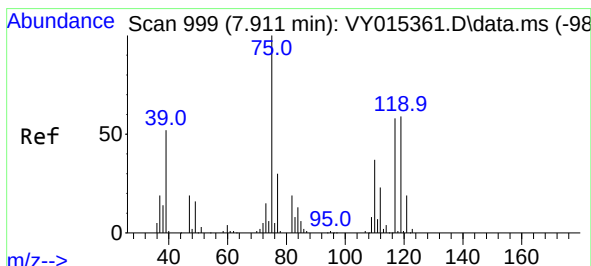
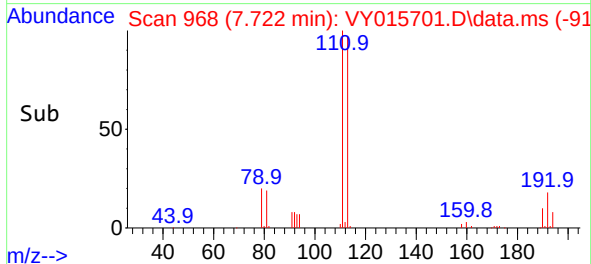
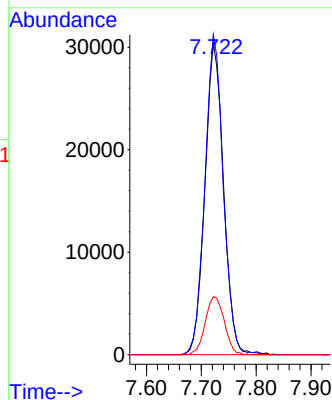
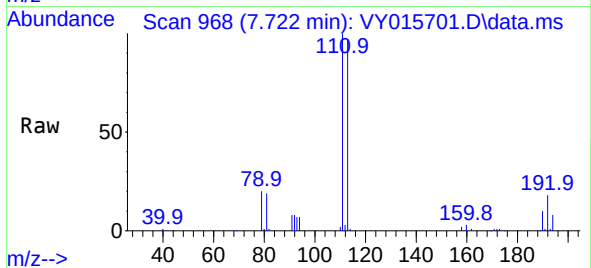




#35
 Dibromofluoromethane
 Concen: 55.243 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY015701.D
 Acq: 25 Sep 2023 16:00

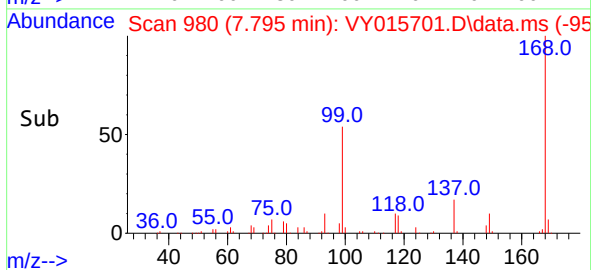
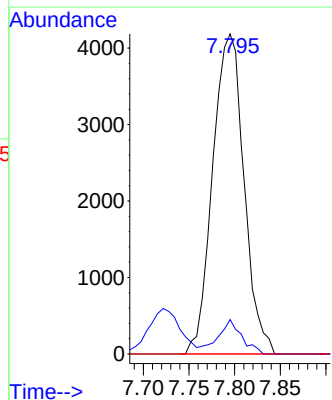
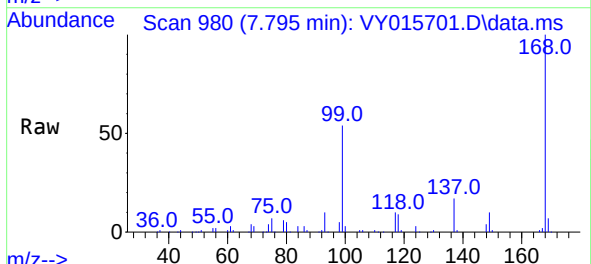
Instrument :
 MSVOA_Y
 ClientSampleId :

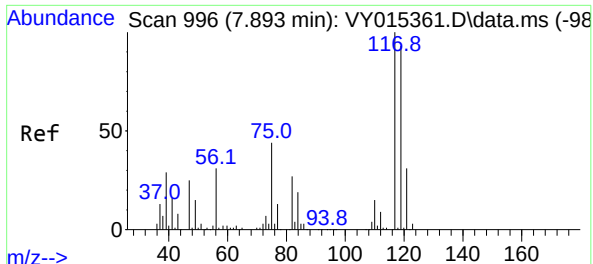
Tgt Ion:113 Resp: 71802
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.3 121.9
 192 19.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 5.187 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY015701.D
 Acq: 25 Sep 2023 16:00

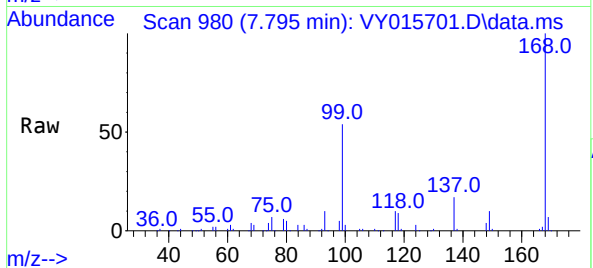
Tgt Ion: 75 Resp: 9969
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.8 53.5#
 77 0.0 24.4 36.6#



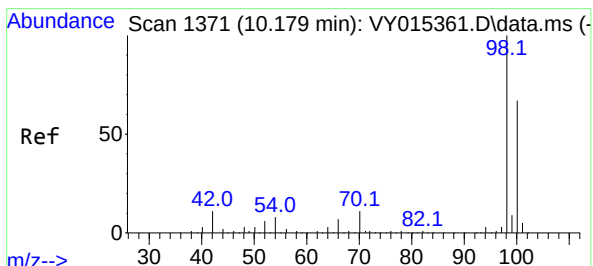
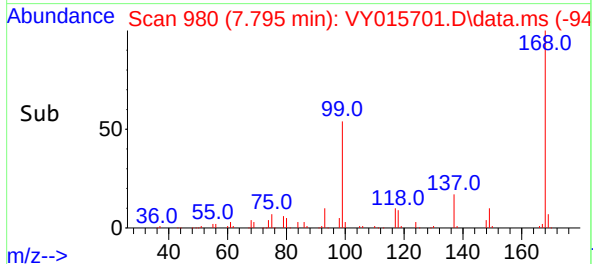
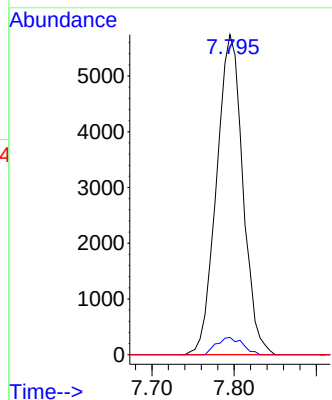


#38
Carbon Tetrachloride
Concen: 6.125 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :

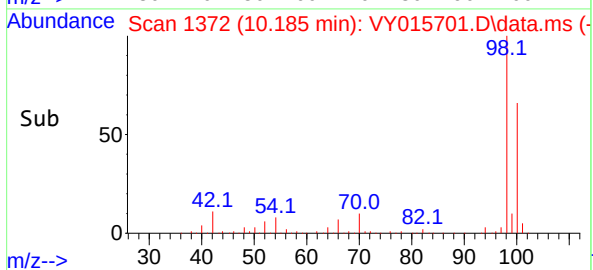
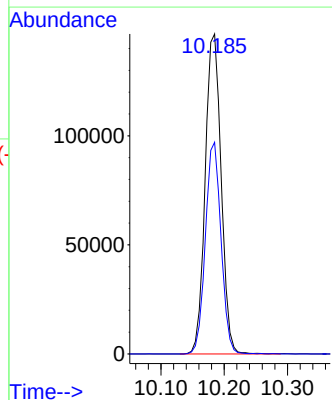
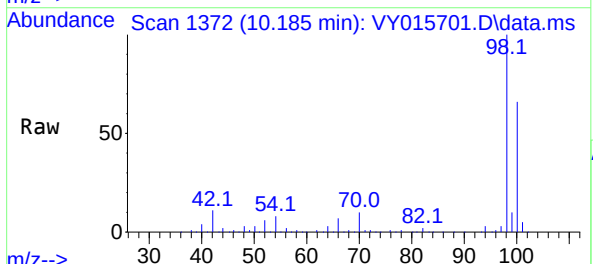


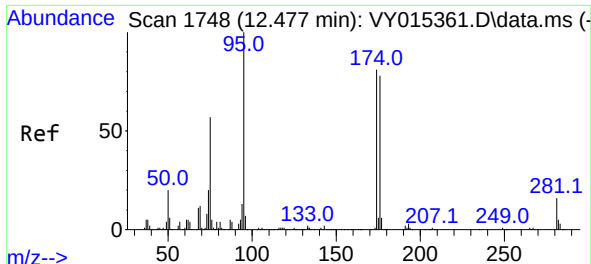
Tgt Ion:117 Resp: 12777
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.517 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

Tgt Ion: 98 Resp: 257883
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

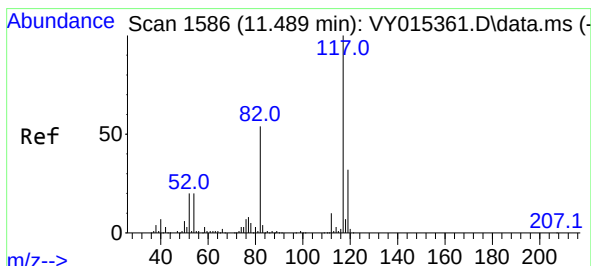
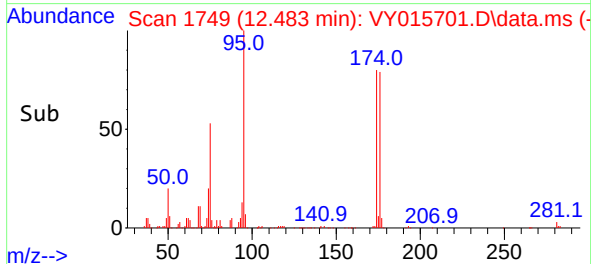
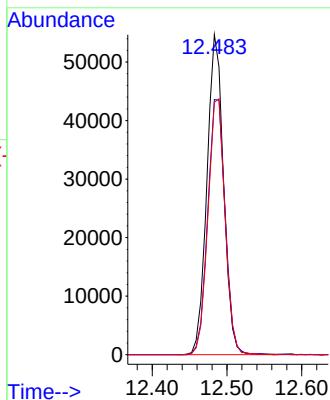
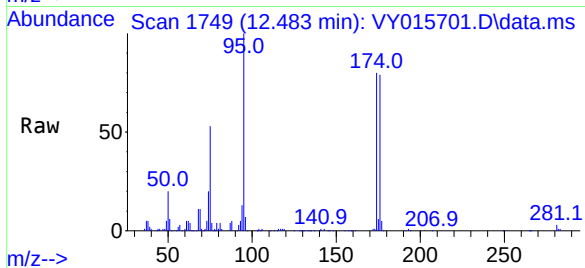




#62
4-Bromofluorobenzene
Concen: 48.866 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

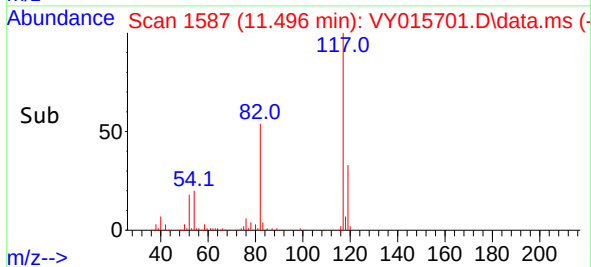
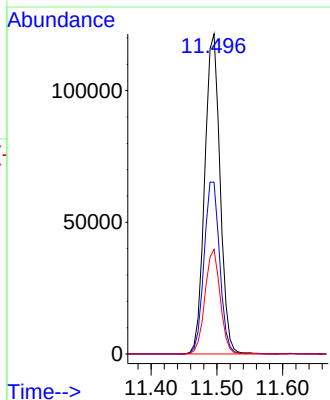
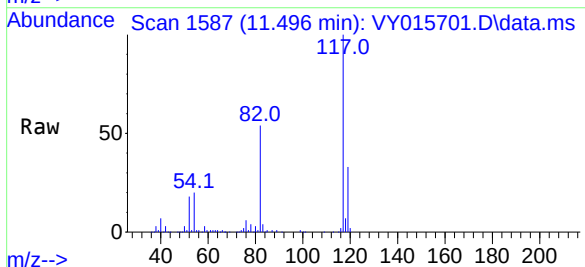
Instrument :
MSVOA_Y
ClientSampleId :

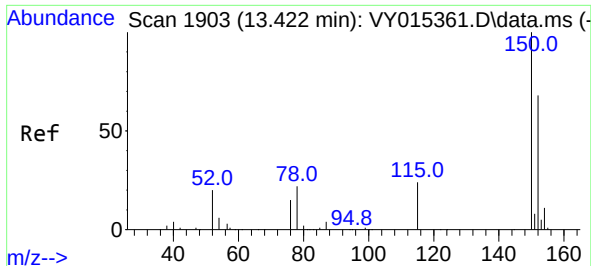
Tgt Ion: 95 Resp: 84510
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

Tgt Ion: 117 Resp: 197880
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.7 26.3 39.5

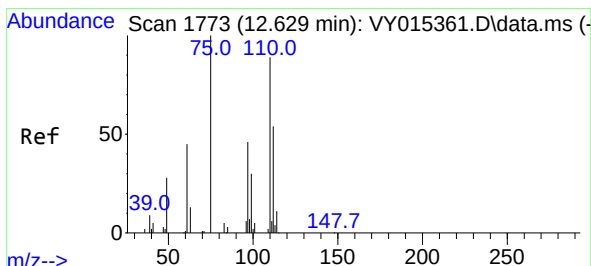
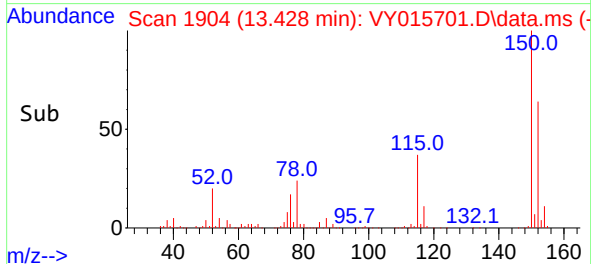
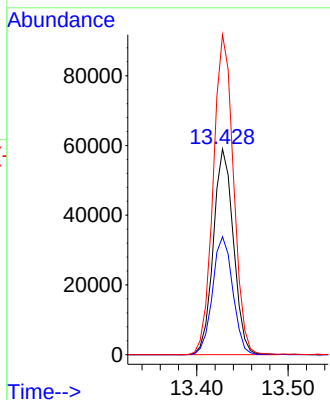
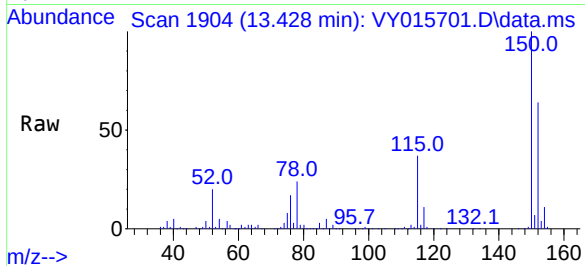




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

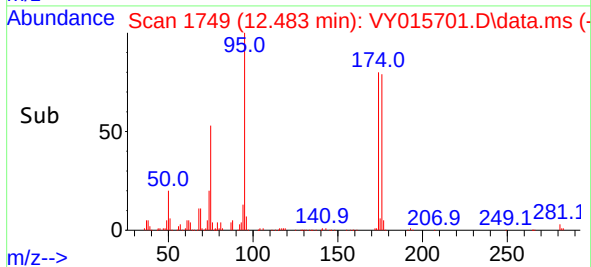
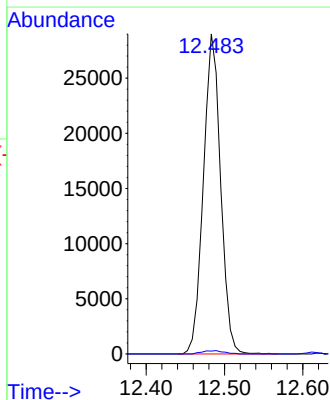
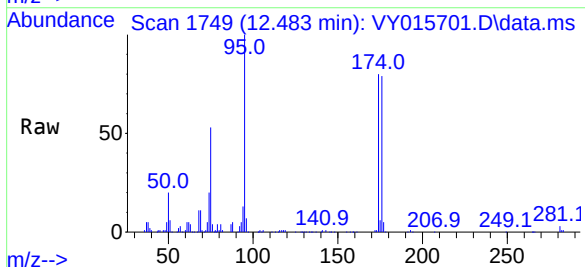
Instrument :
MSVOA_Y
ClientSampleId :

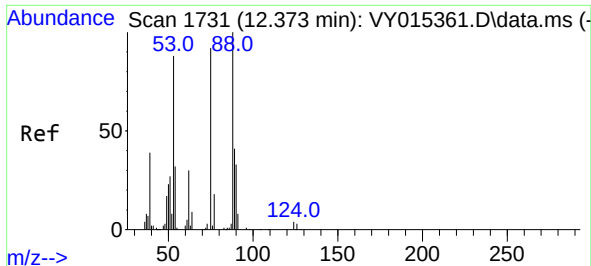
Tgt Ion:152 Resp: 89961
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 157.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 30.812 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015701.D
Acq: 25 Sep 2023 16:00

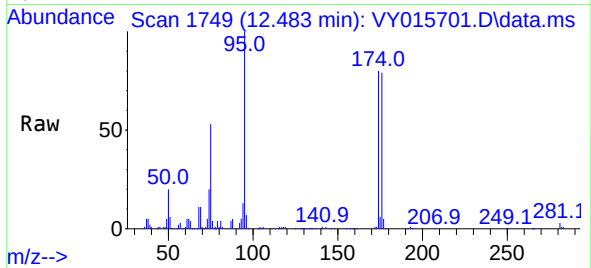
Tgt Ion: 75 Resp: 44221
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.386 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015701.D
 Acq: 25 Sep 2023 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 44221
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

