

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
 Data File : VY015696.D
 Acq On : 25 Sep 2023 10:51
 Operator : SY/MD
 Sample : VY0925SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:22:40 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)

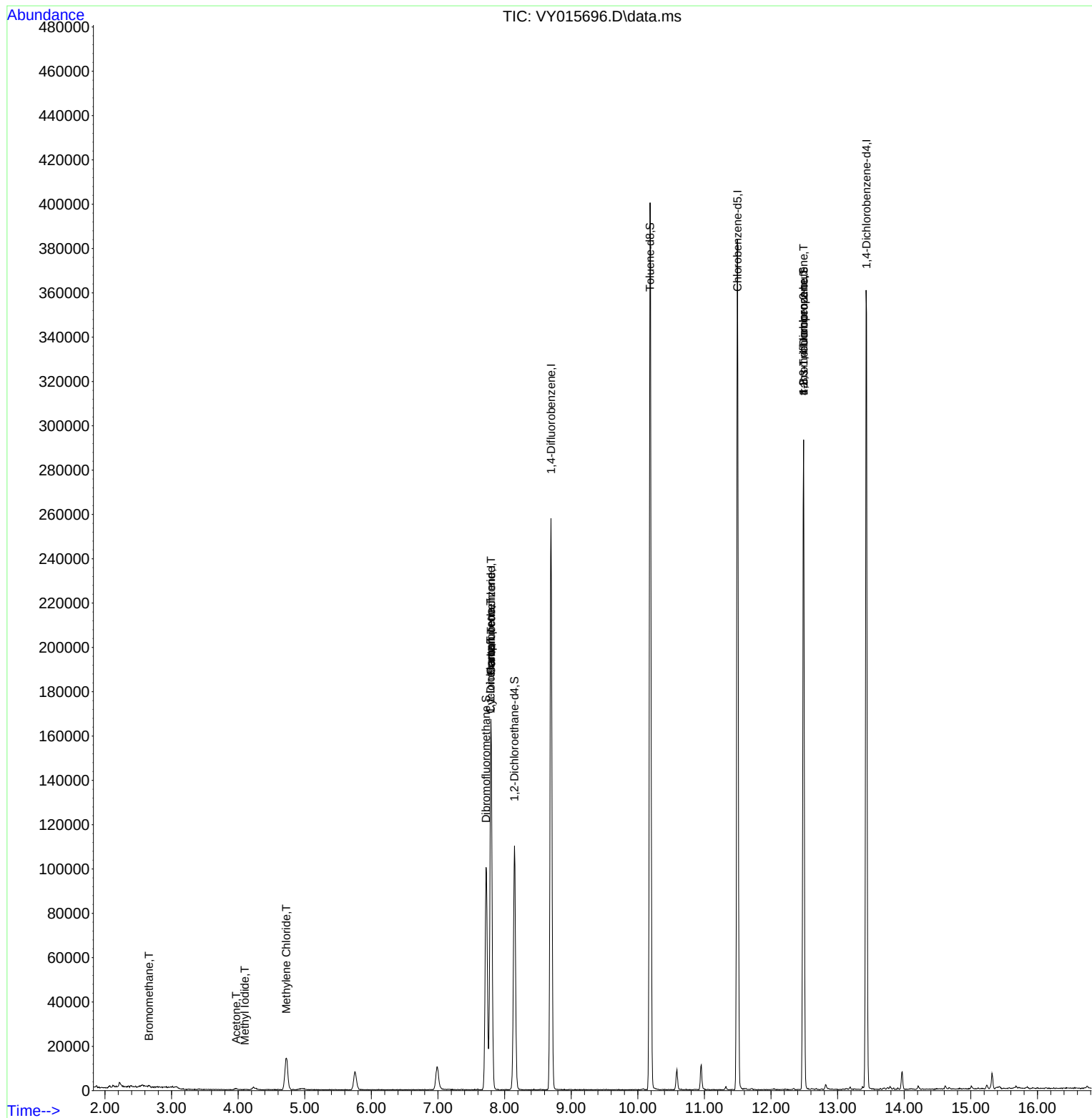
Internal Standards						
1) Pentafluorobenzene	7.795	168	129314	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	220667	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	201589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92653	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	82372	57.894	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.780%	
35) Dibromofluoromethane	7.722	113	72136	54.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.185	98	261761	58.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.900%	
62) 4-Bromofluorobenzene	12.489	95	85389	48.588	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	277	2.772	ug/l #	65
10) Methyl Iodide	4.100	142	65	2.769	ug/l #	38
11) Tert butyl alcohol	4.954	59	115	Below Cal	#	89
16) Acetone	3.972	43	966	1.269	ug/l	96
20) Methylene Chloride	4.722	84	10976	1.929	ug/l	96
31) Cyclohexane	7.789	56	2592	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10004	5.123	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12888	6.080	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	45584	30.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	45584	69.447	ug/l #	10

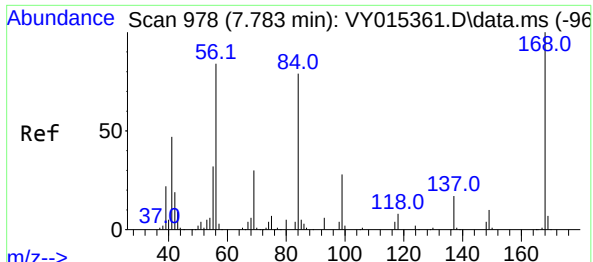
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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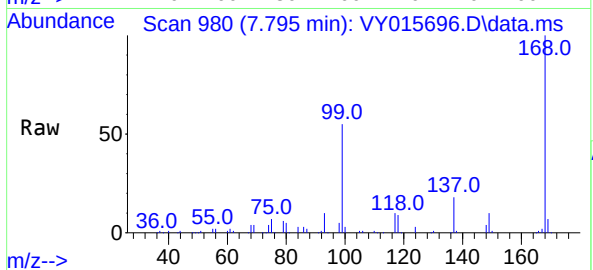
Quant Time: Sep 26 04:22:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



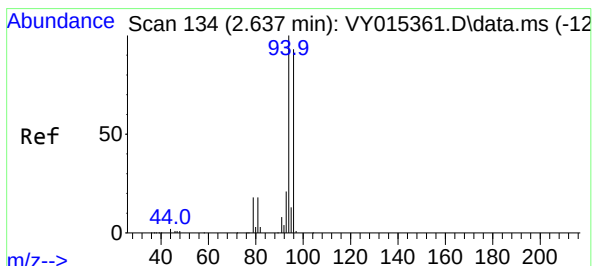
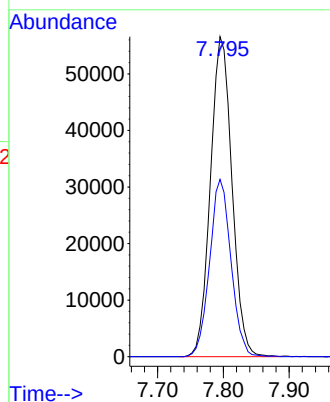
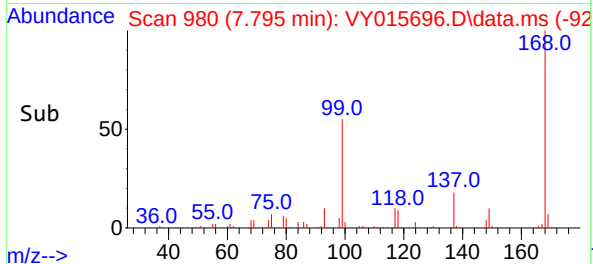


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Instrument :
MSVOA_Y
ClientSampleId :

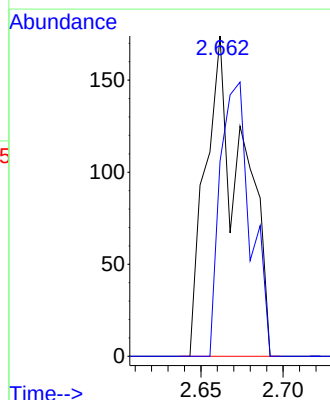
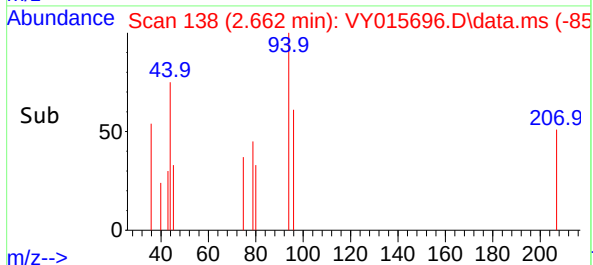
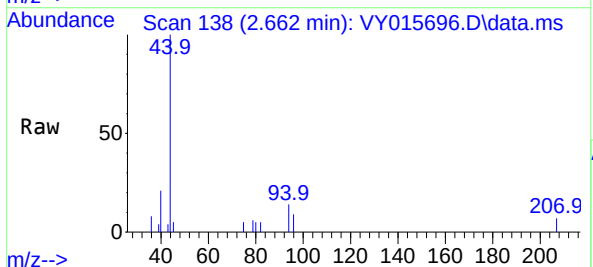


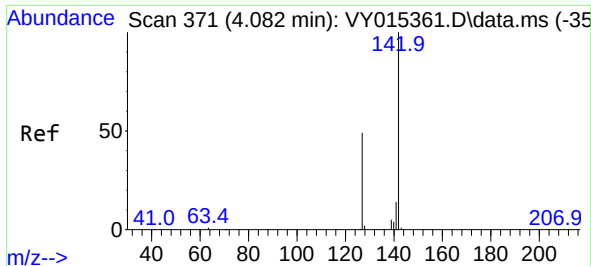
Tgt Ion:168 Resp: 129314
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#5
Bromomethane
Concen: 2.772 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

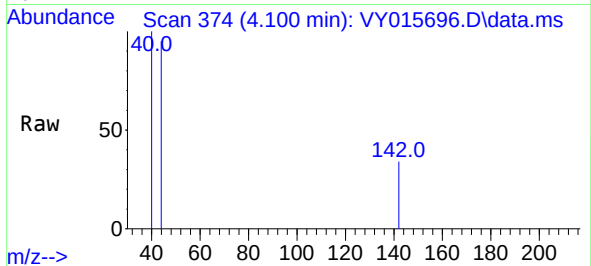
Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 60.9 75.8 113.6#



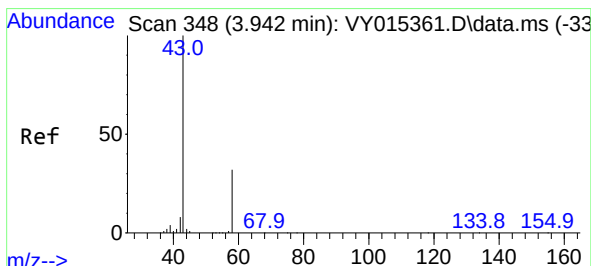
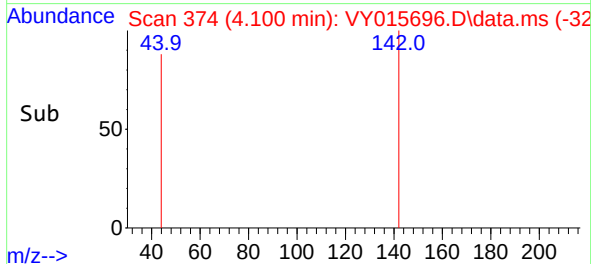
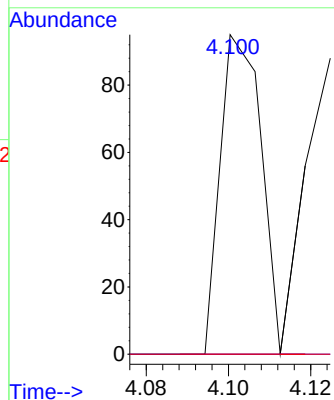


#10
Methyl Iodide
Concen: 2.769 ug/l
RT: 4.100 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Instrument :
MSVOA_Y
ClientSampleId :

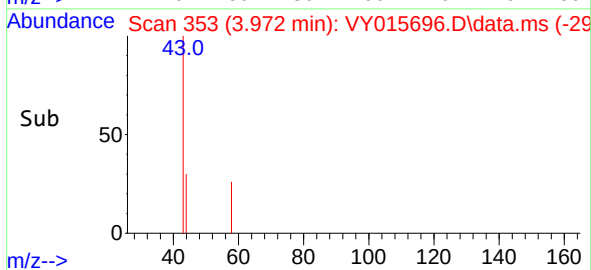
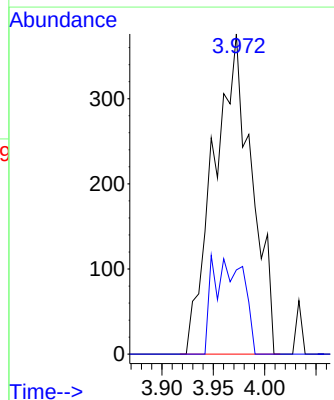
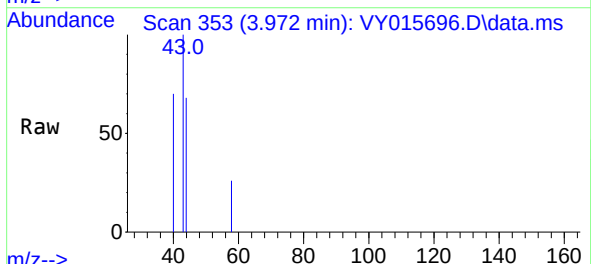


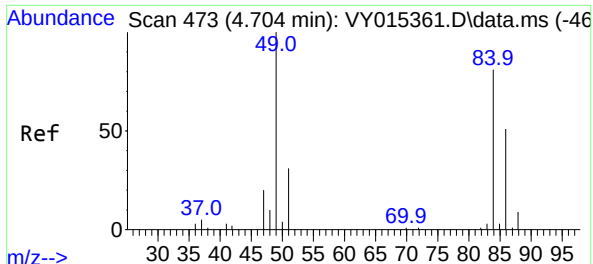
Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.269 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

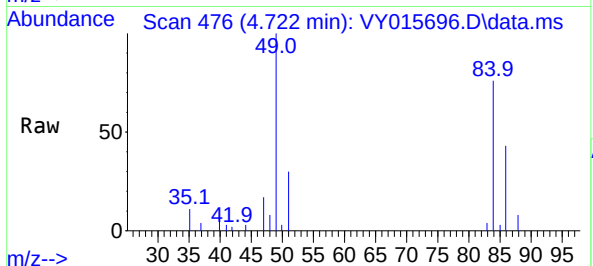
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 26.3 22.7 34.1





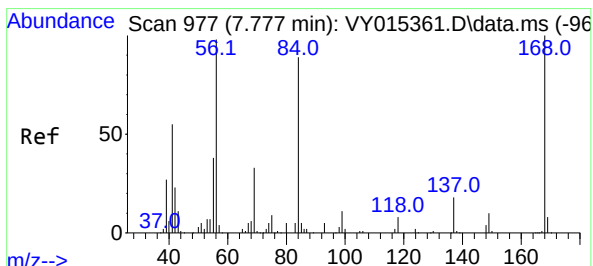
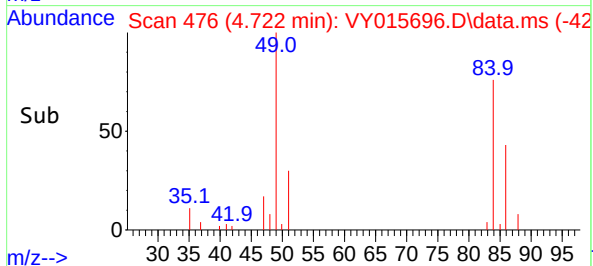
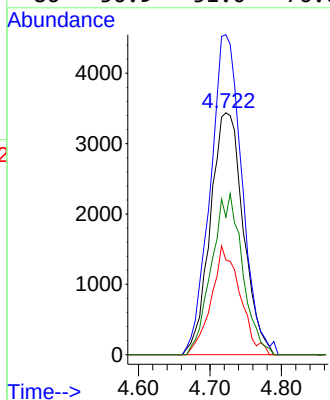
#20
Methylene Chloride
Concen: 1.929 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 10976

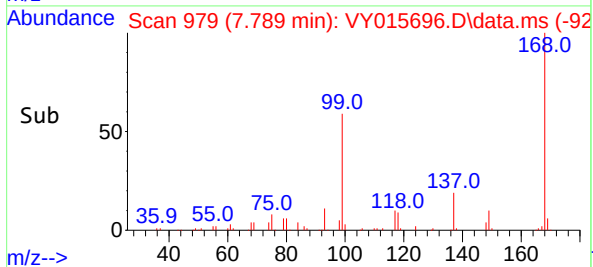
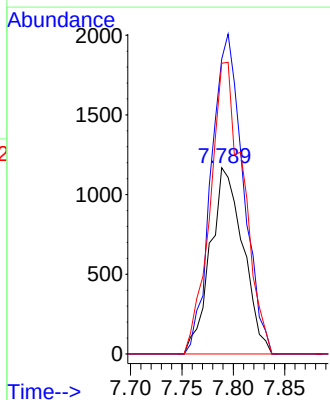
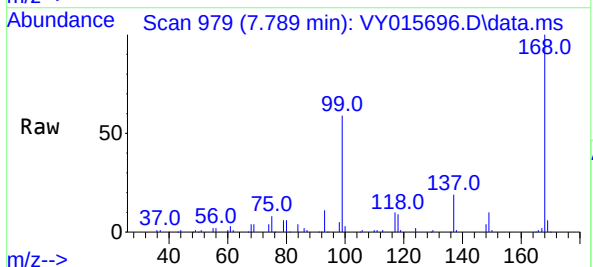
Ion	Ratio	Lower	Upper
84	100		
49	132.3	106.9	160.3
51	39.1	33.2	49.8
86	56.9	51.0	76.6

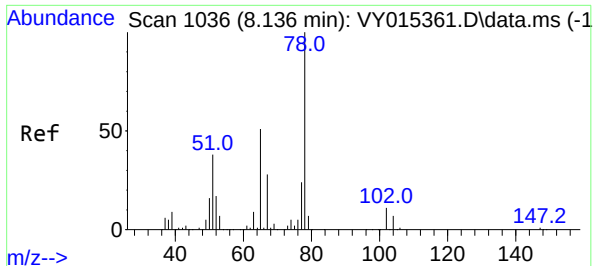


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Tgt Ion: 56 Resp: 2592

Ion	Ratio	Lower	Upper
56	100		
69	158.3	27.8	41.6#
84	156.0	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.894 ug/l

RT: 8.148 min Scan# 1036

Delta R.T. 0.012 min

Lab File: VY015696.D

Acq: 25 Sep 2023 10:51

Instrument :

MSVOA_Y

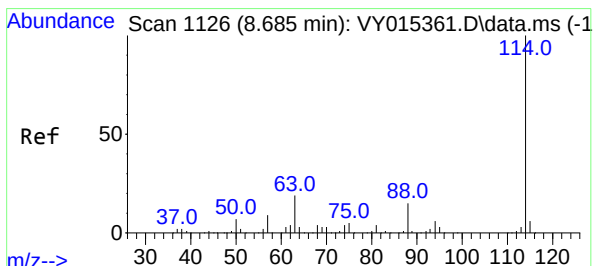
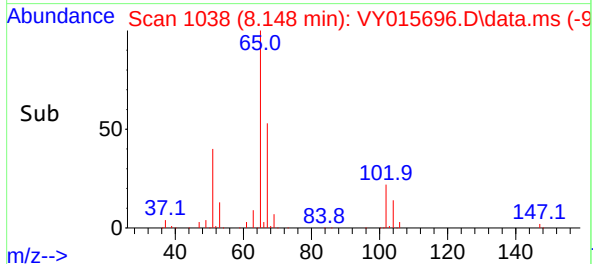
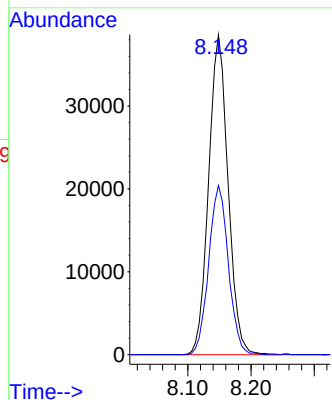
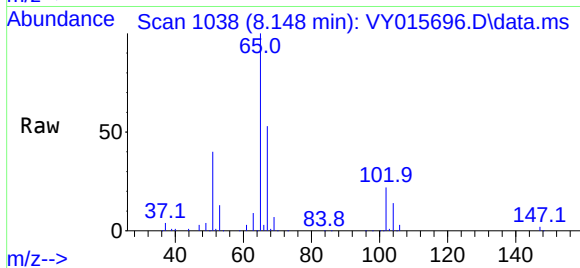
ClientSampleId :

Tgt Ion: 65 Resp: 82372

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. 0.012 min

Lab File: VY015696.D

Acq: 25 Sep 2023 10:51

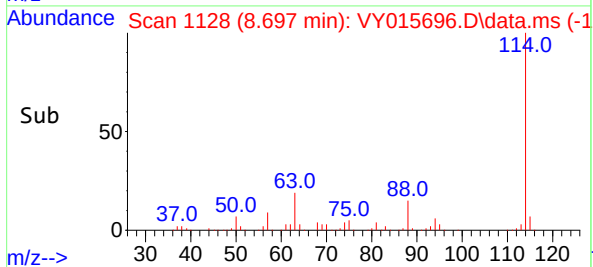
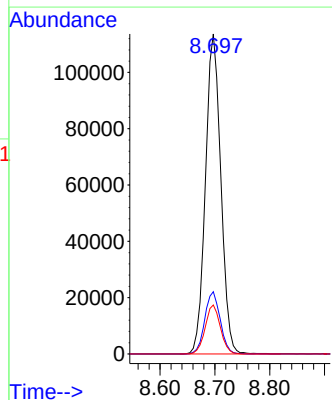
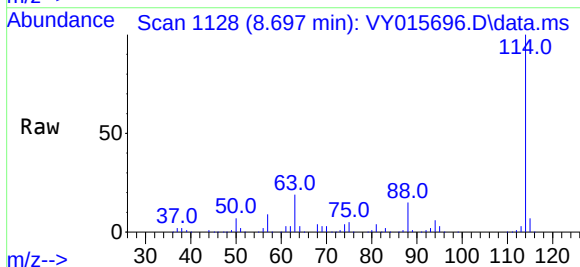
Tgt Ion: 114 Resp: 220667

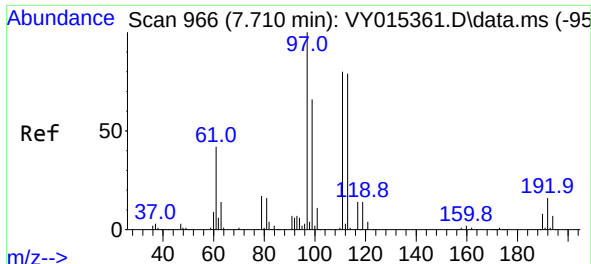
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

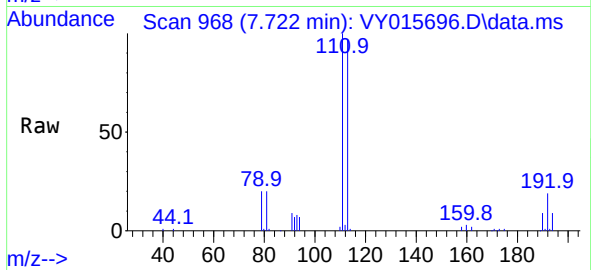
88 15.3 0.0 30.6



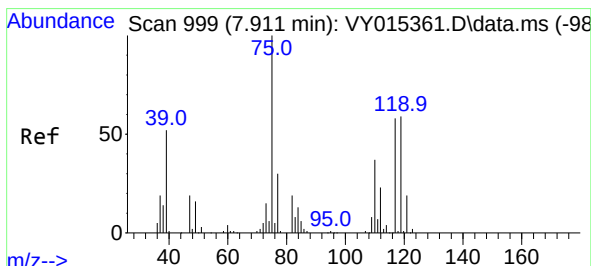
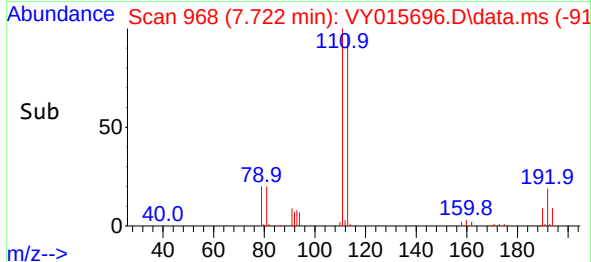
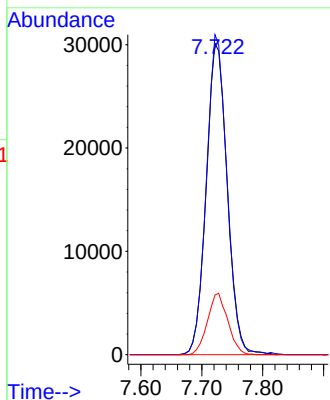


#35
Dibromofluoromethane
Concen: 54.617 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Instrument :
MSVOA_Y
ClientSampleId :

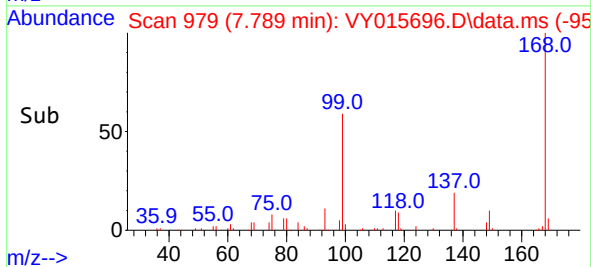
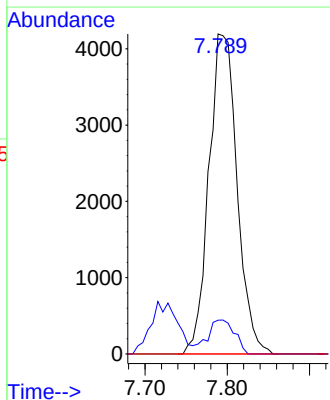
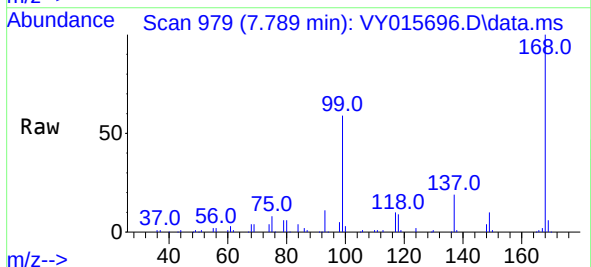


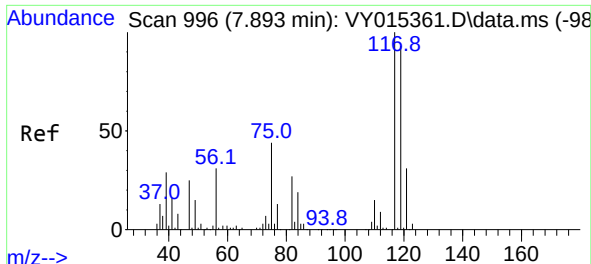
Tgt Ion:113 Resp: 72136
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.123 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

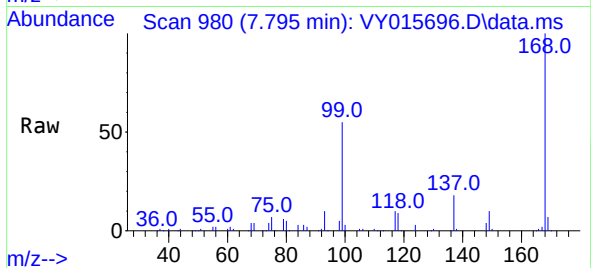
Tgt Ion: 75 Resp: 10004
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#



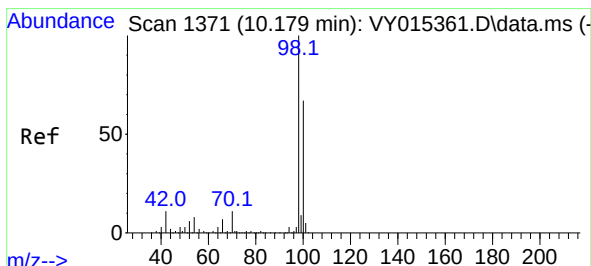
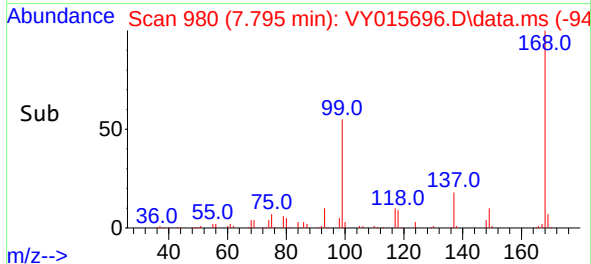
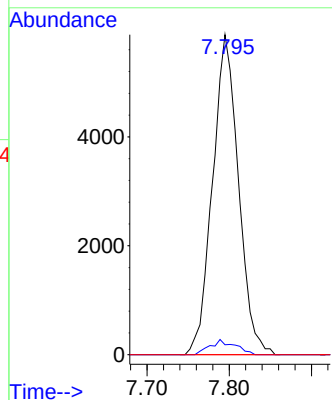


#38
Carbon Tetrachloride
Concen: 6.080 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Instrument :
MSVOA_Y
ClientSampleId :

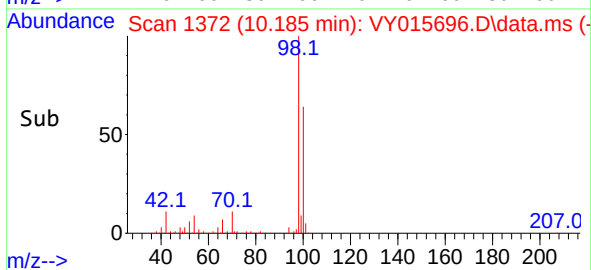
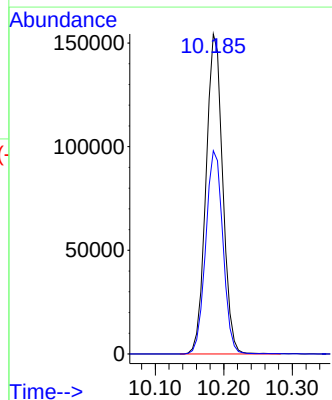
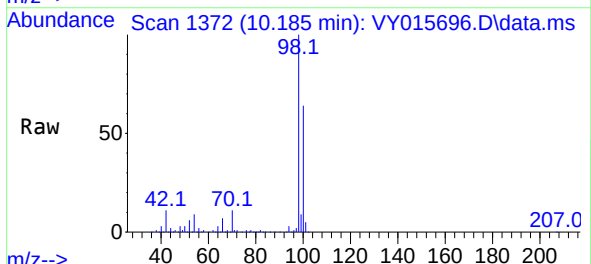


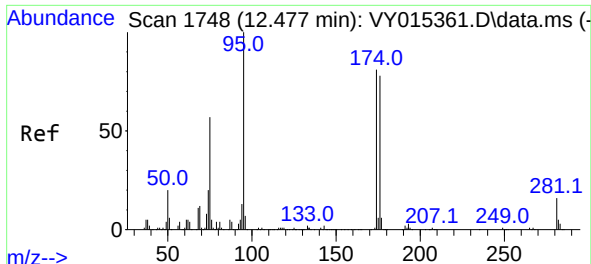
Tgt Ion:117 Resp: 12888
Ion Ratio Lower Upper
117 100
119 3.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.452 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Tgt Ion: 98 Resp: 261761
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

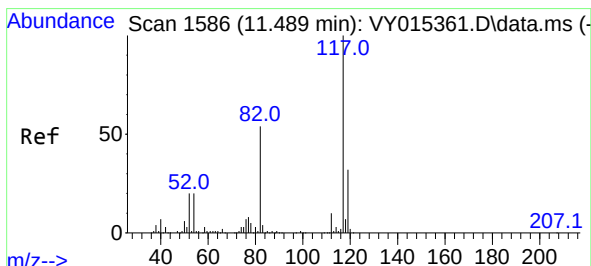
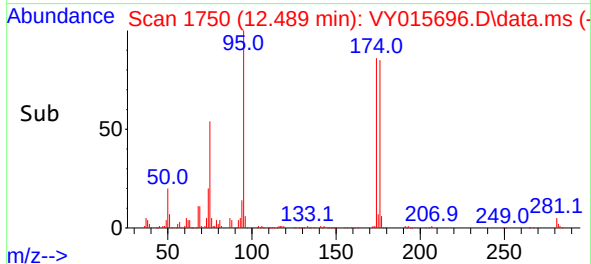
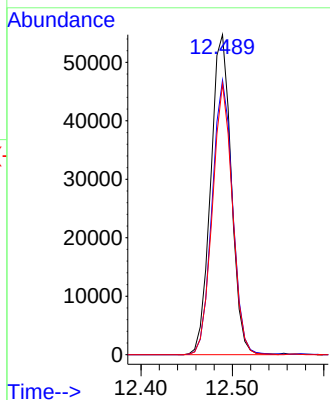
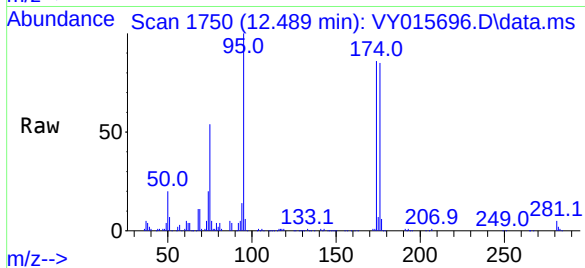




#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

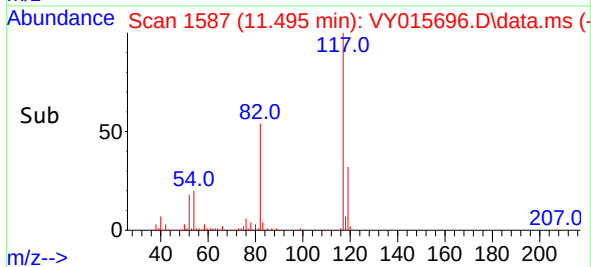
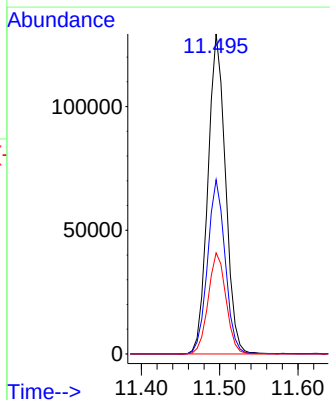
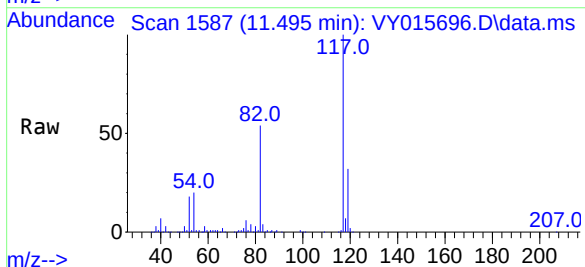
Instrument :
MSVOA_Y
ClientSampleId :

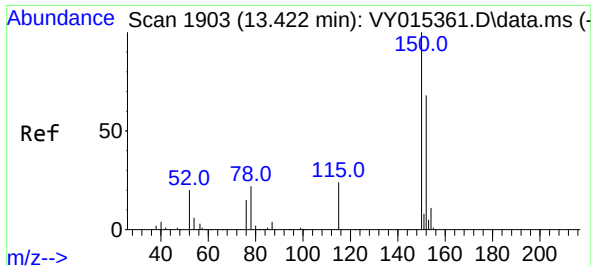
Tgt Ion: 95 Resp: 85389
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

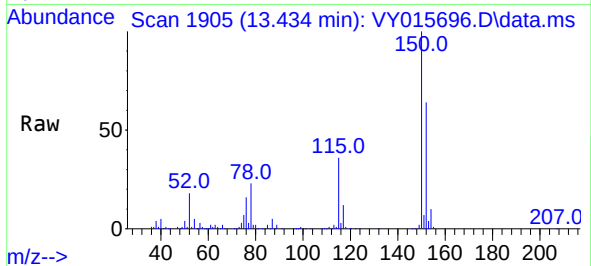
Tgt Ion: 117 Resp: 201589
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.6 26.3 39.5



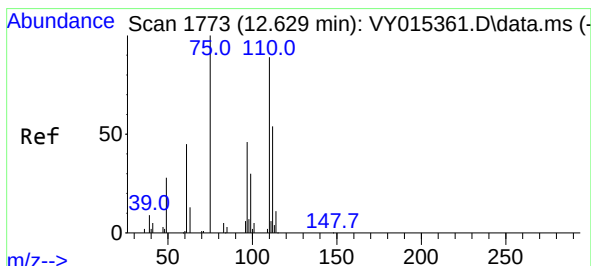
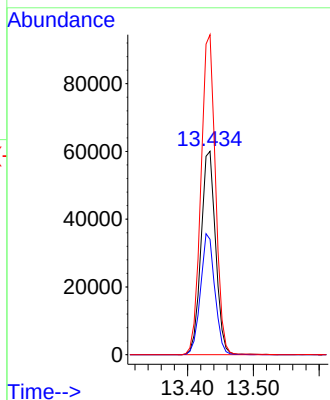
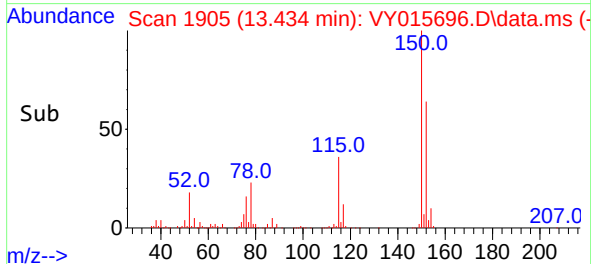


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1903
Delta R.T. 0.012 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Instrument :
MSVOA_Y
ClientSampleId :

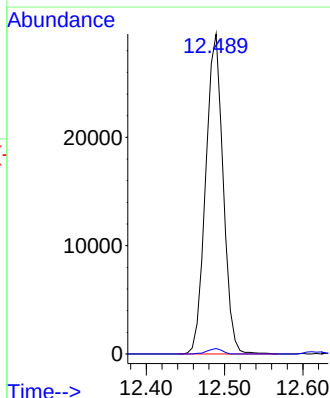
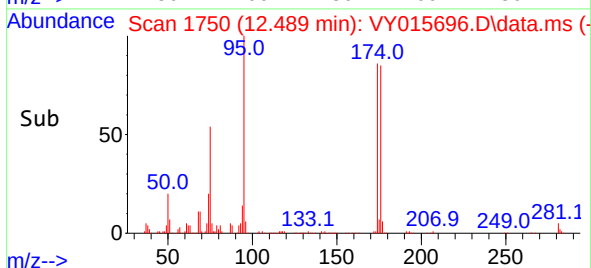
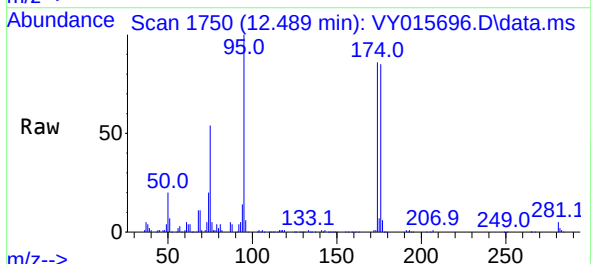


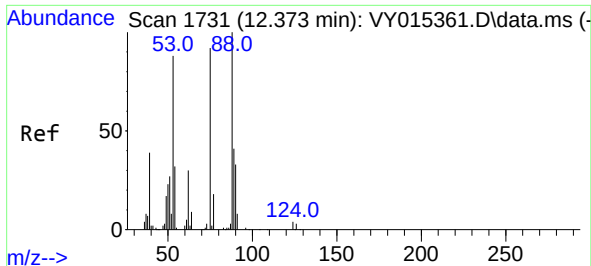
Tgt Ion:152 Resp: 92653
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 156.8 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 30.839 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

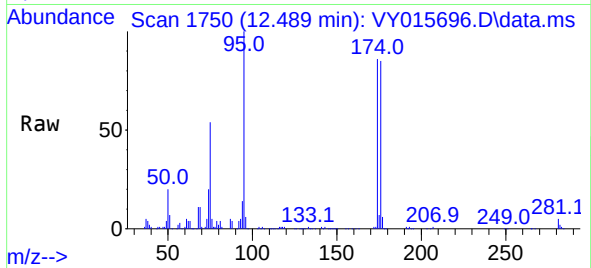
Tgt Ion: 75 Resp: 45584
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.447 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY015696.D
Acq: 25 Sep 2023 10:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 45584
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

