

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015566.D
 Acq On : 15 Sep 2023 13:53
 Operator : SY/MD
 Sample : 04409-15
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 15:37:35 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)

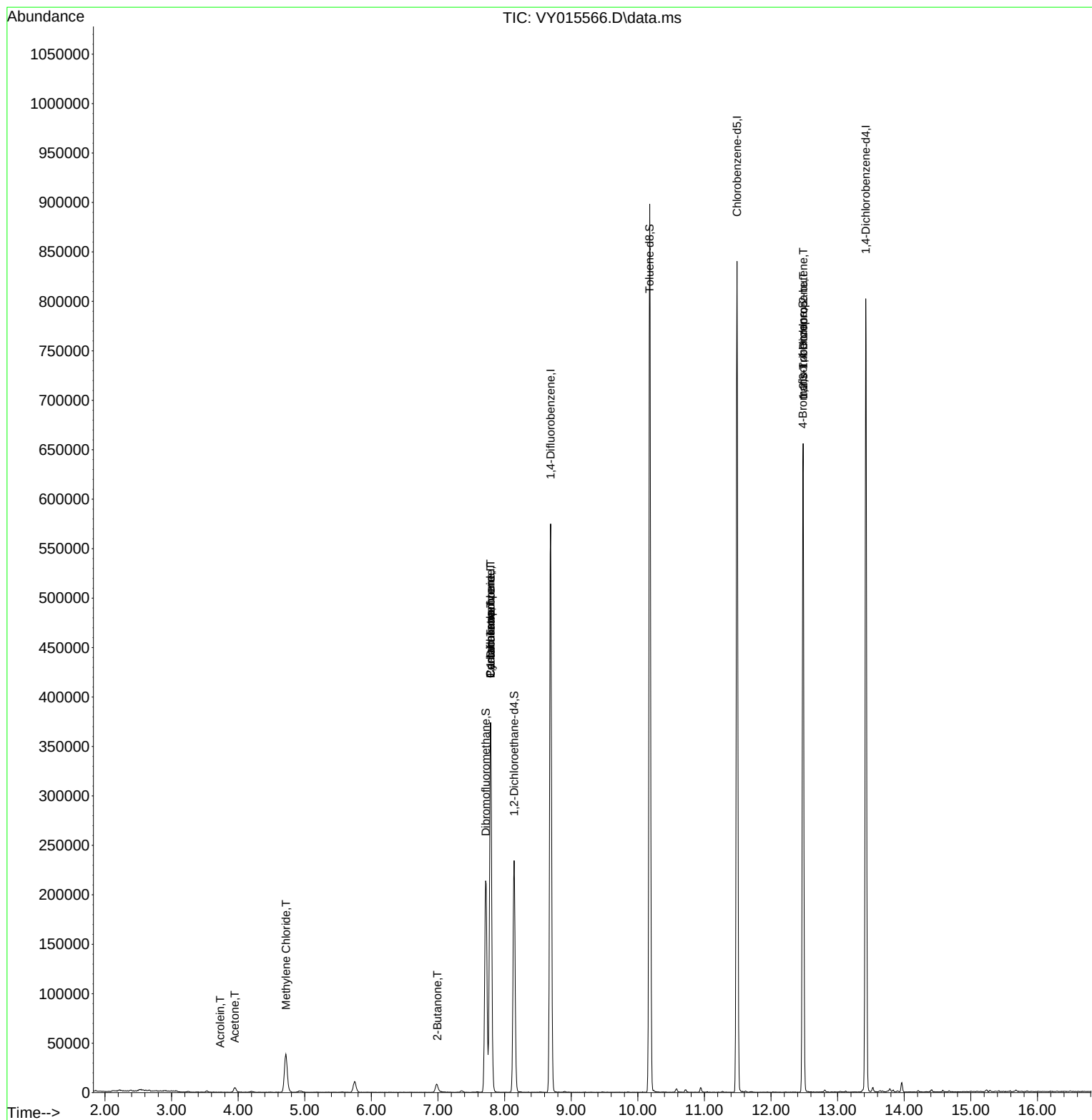
Internal Standards						
1) Pentafluorobenzene	7.789	168	294490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	493112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	451940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	182787	57.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.800%	
35) Dibromofluoromethane	7.716	113	156509	55.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.200%	
50) Toluene-d8	10.179	98	580937	56.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.960%	
62) 4-Bromofluorobenzene	12.477	95	194036	50.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2030	Below Cal	#	89
13) Acrolein	3.729	56	22	11.670	ug/l #	14
16) Acetone	3.948	43	8555	6.493	ug/l	99
20) Methylene Chloride	4.716	84	29543	1.064	ug/l	87
25) 2-Butanone	6.990	43	2275	1.217	ug/l	95
31) Cyclohexane	7.789	56	6066	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	22595	4.531	ug/l #	50
38) Carbon Tetrachloride	7.789	117	29385	5.705	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	104525	39.067	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	104525	86.178	ug/l #	10

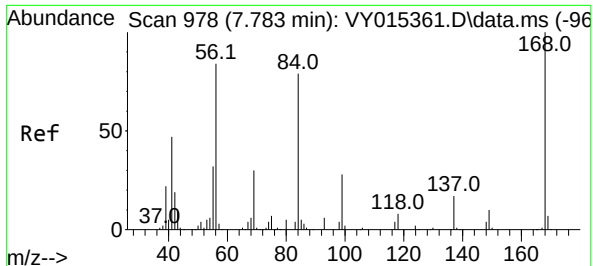
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
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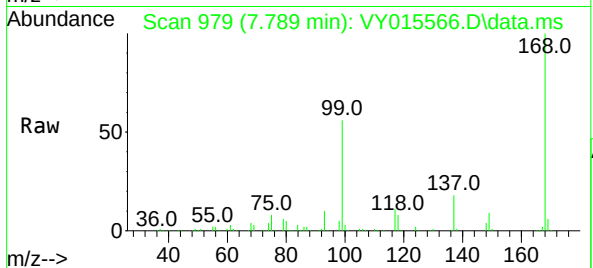
Quant Time: Sep 15 15:37:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



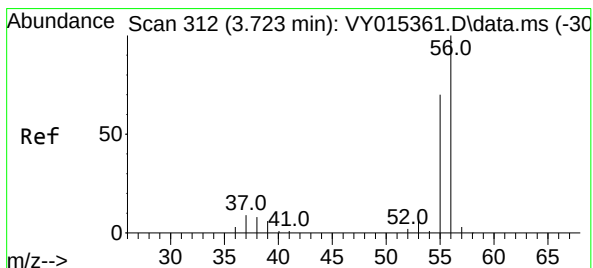
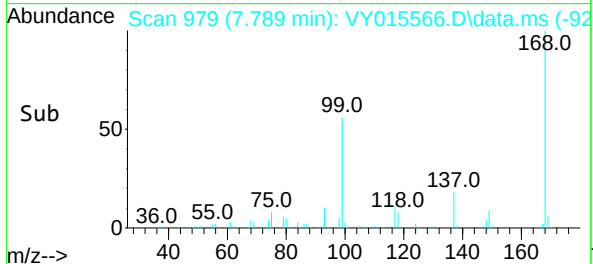
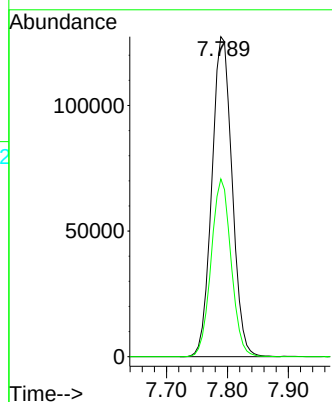


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Instrument :
MSVOA_Y
ClientSampleId :

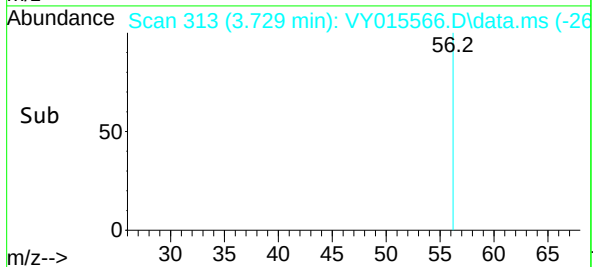
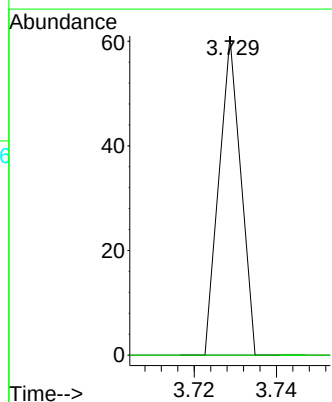
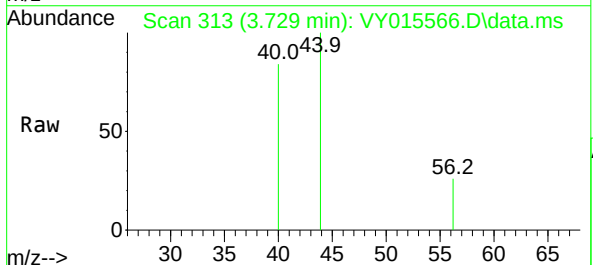


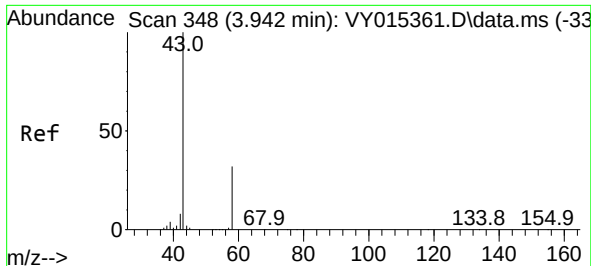
Tgt Ion:168 Resp: 294490
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#13
Acrolein
Concen: 11.670 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 6.493 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

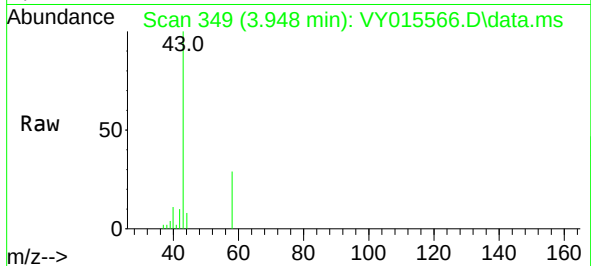
Lab File: VY015566.D

Acq: 15 Sep 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

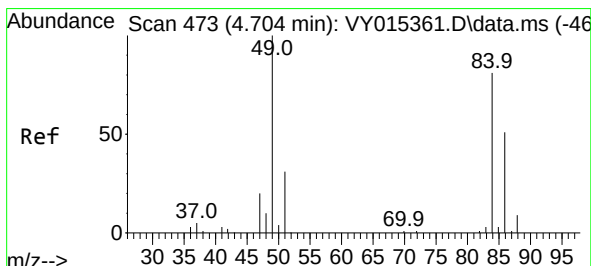
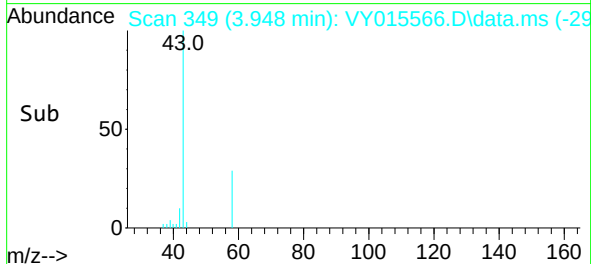
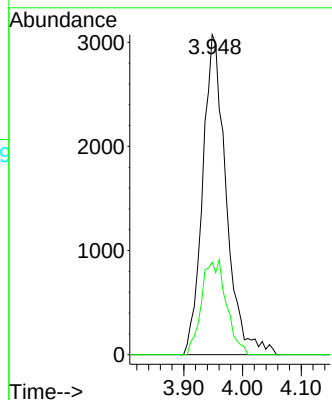


Tgt Ion: 43 Resp: 8555

Ion Ratio Lower Upper

43 100

58 28.9 22.7 34.1



#20

Methylene Chloride

Concen: 1.064 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015566.D

Acq: 15 Sep 2023 13:53

Tgt Ion: 84 Resp: 29543

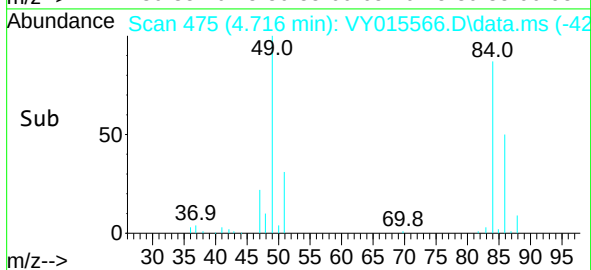
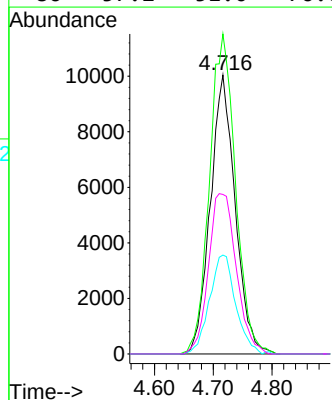
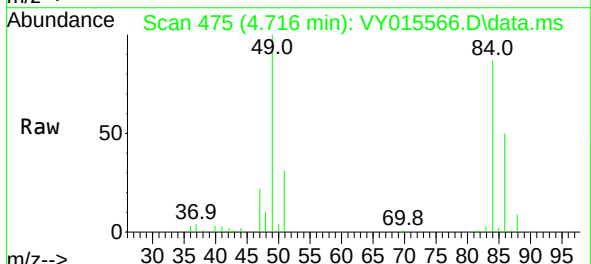
Ion Ratio Lower Upper

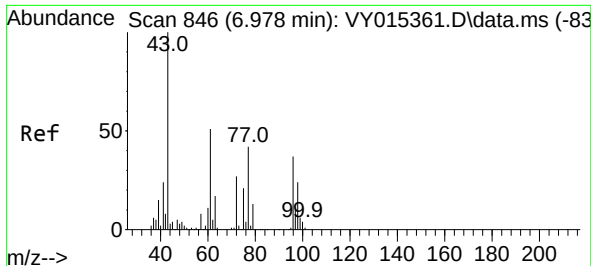
84 100

49 114.7 106.9 160.3

51 35.4 33.2 49.8

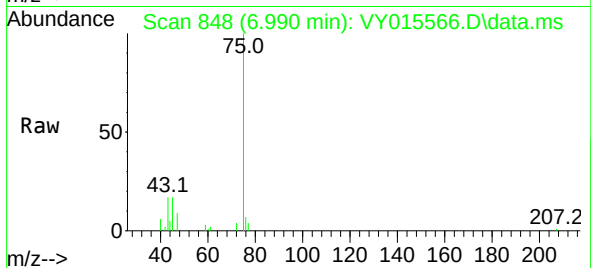
86 57.2 51.0 76.6



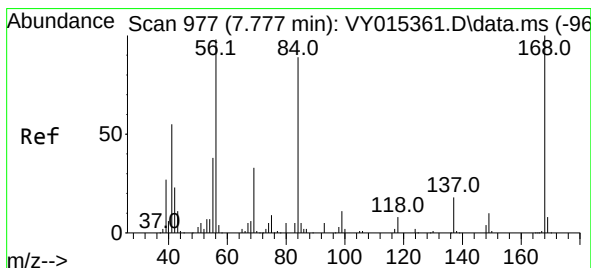
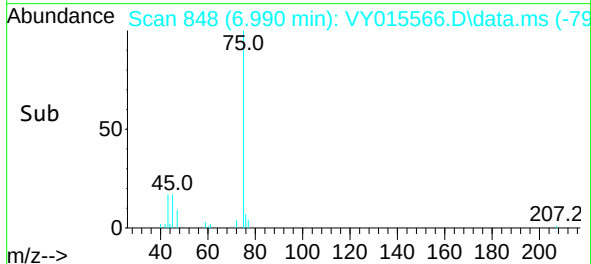
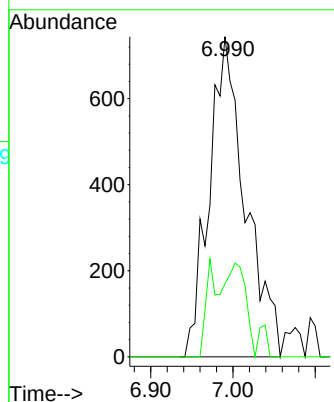


#25
2-Butanone
Concen: 1.217 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Instrument :
MSVOA_Y
ClientSampleId :

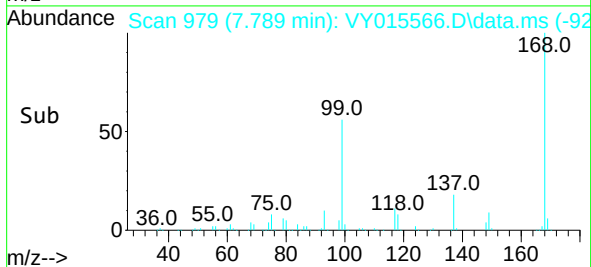
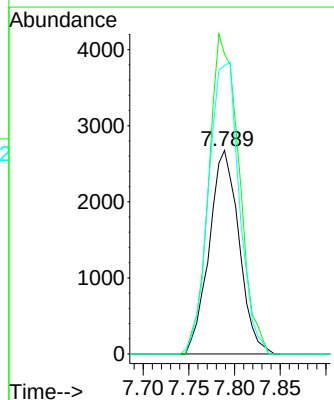
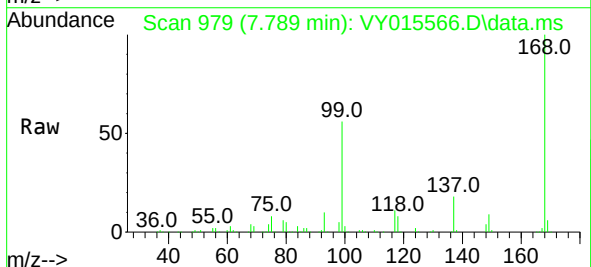


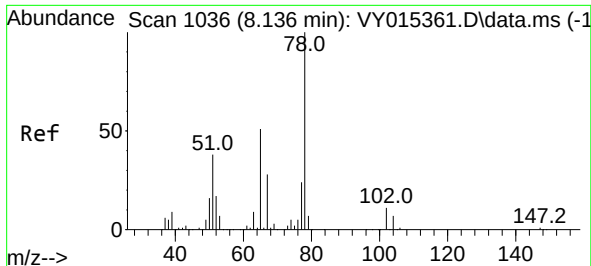
Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
72 22.8 20.5 30.7



#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Tgt Ion: 56 Resp: 6066
Ion Ratio Lower Upper
56 100
69 147.3 27.8 41.6#
84 141.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.901 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015566.D

Acq: 15 Sep 2023 13:53

Instrument :

MSVOA_Y

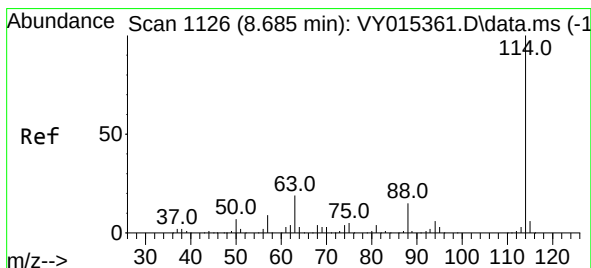
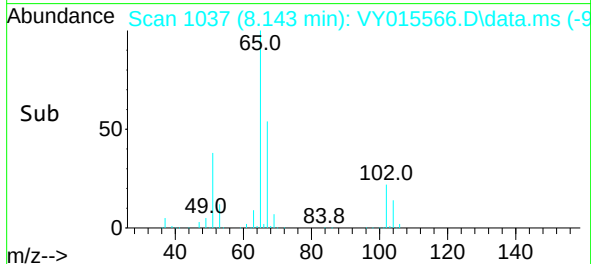
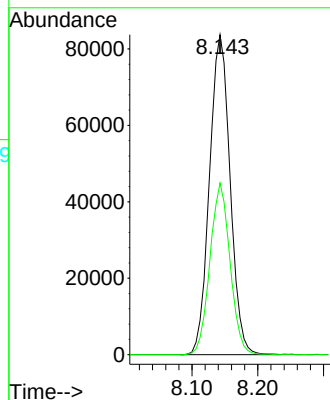
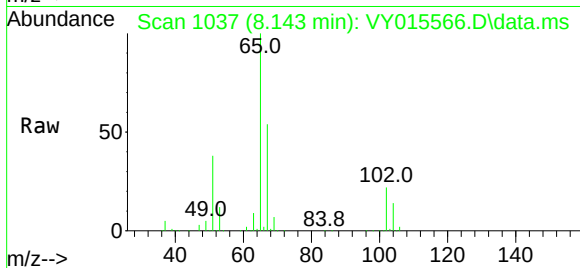
ClientSampleId :

Tgt Ion: 65 Resp: 182787

Ion Ratio Lower Upper

65 100

67 52.2 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: VY015566.D

Acq: 15 Sep 2023 13:53

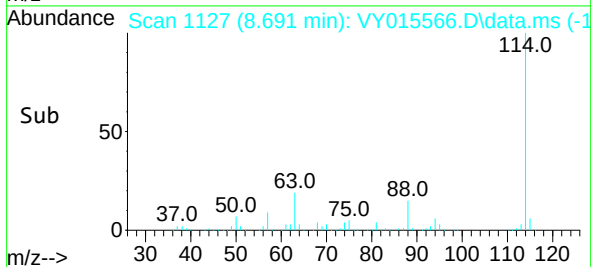
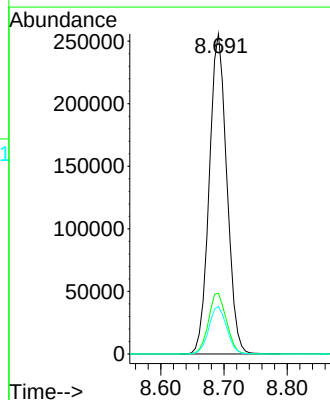
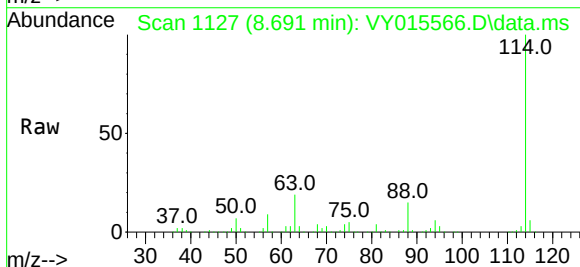
Tgt Ion: 114 Resp: 493112

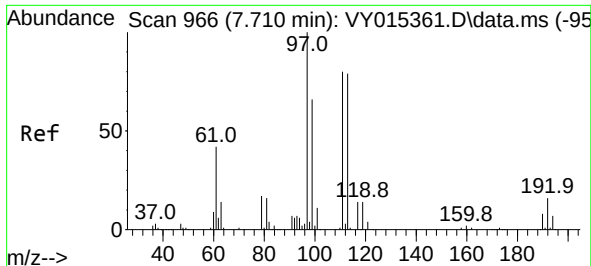
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

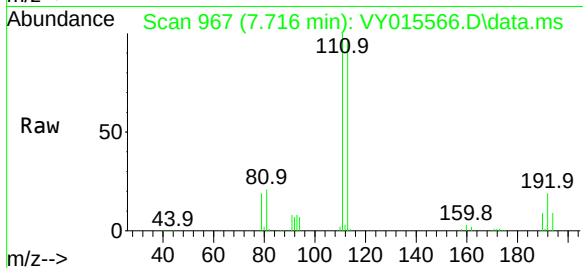
88 14.9 0.0 30.6



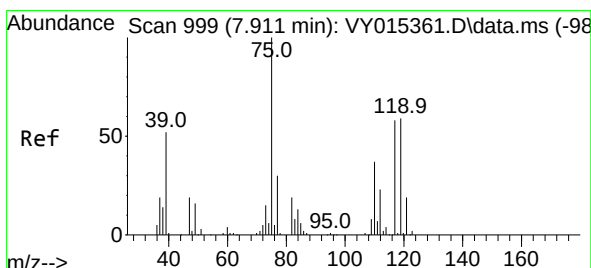
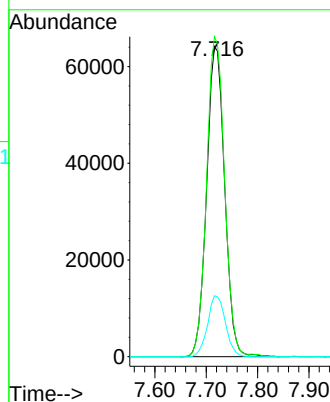
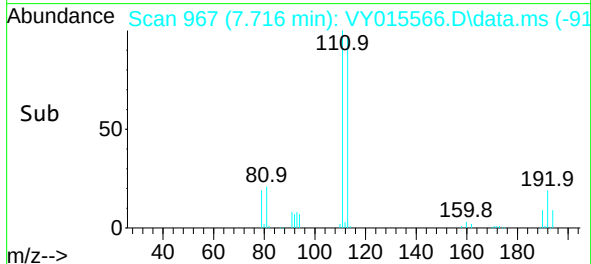


#35
Dibromofluoromethane
Concen: 55.105 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

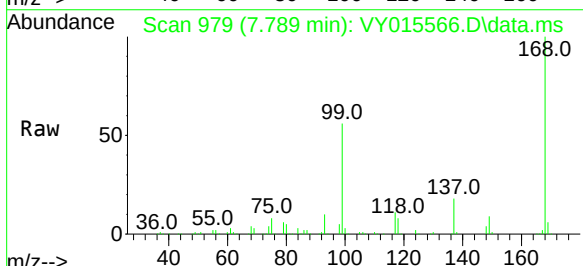
Instrument :
MSVOA_Y
ClientSampleId :



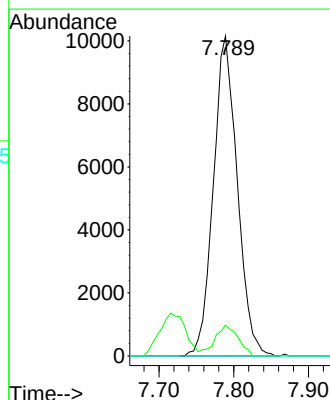
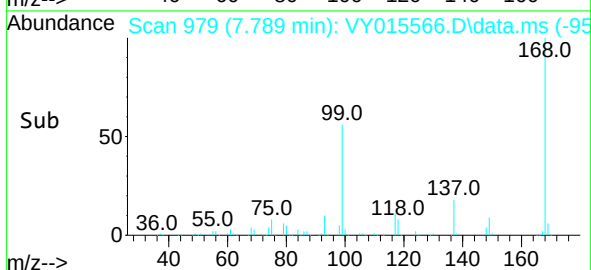
Tgt Ion:113 Resp: 156509
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.4 16.9 25.3

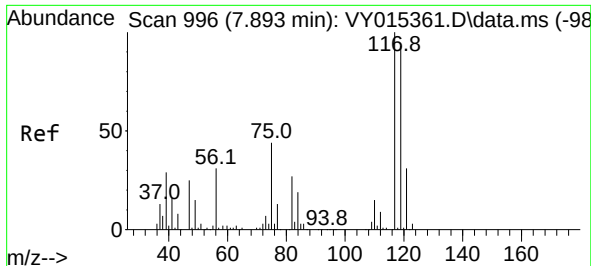


#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53



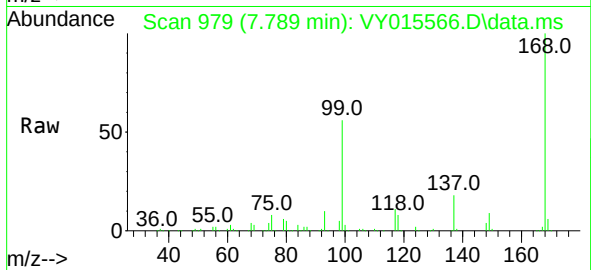
Tgt Ion: 75 Resp: 22595
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



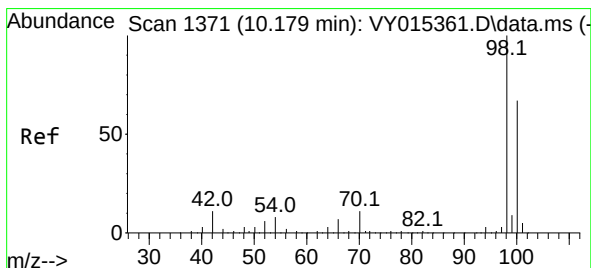
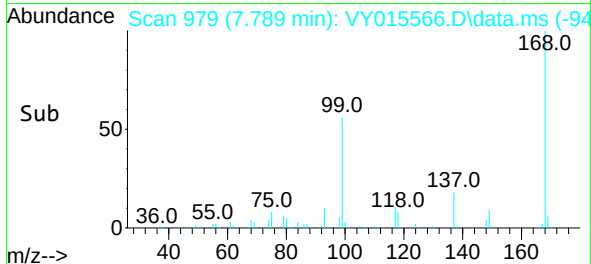
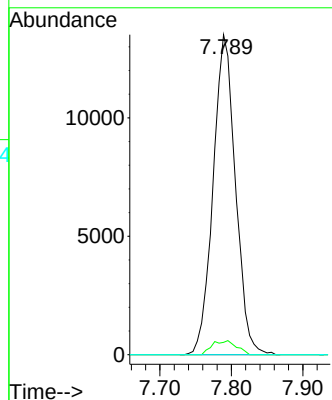


#38
Carbon Tetrachloride
Concen: 5.705 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Instrument :
MSVOA_Y
ClientSampleId :

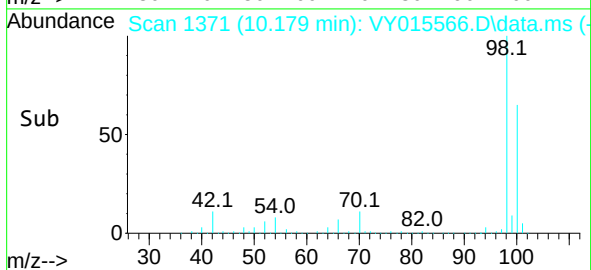
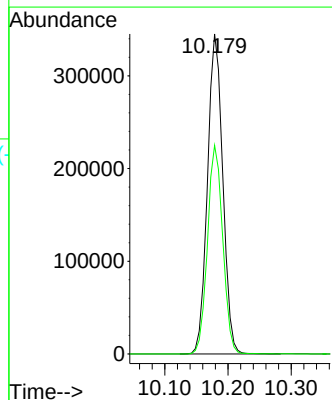
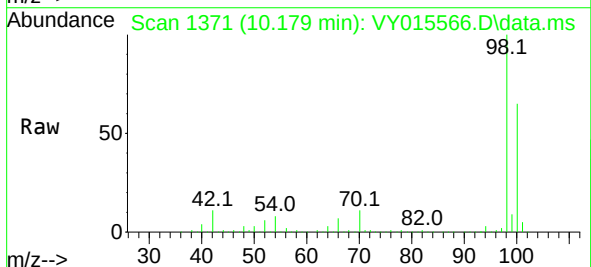


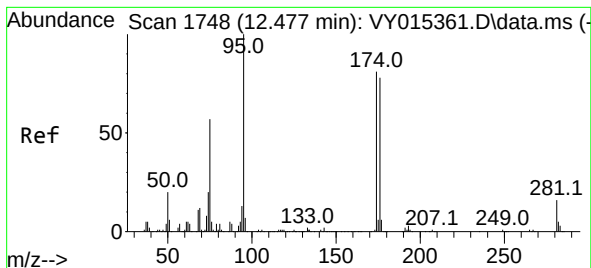
Tgt Ion:117 Resp: 29385
Ion Ratio Lower Upper
117 100
119 3.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.481 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Tgt Ion: 98 Resp: 580937
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

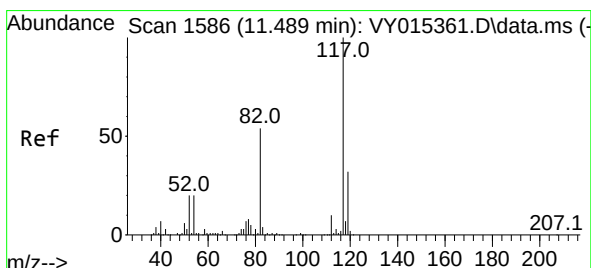
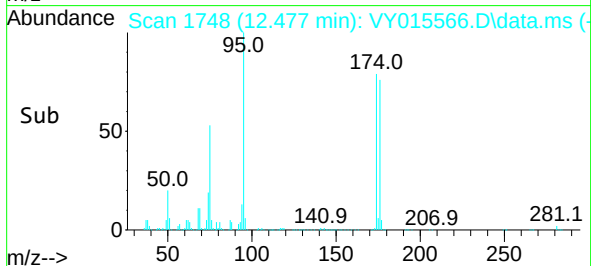
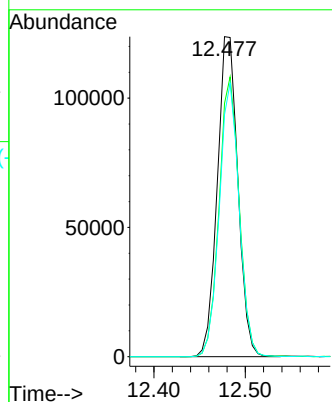
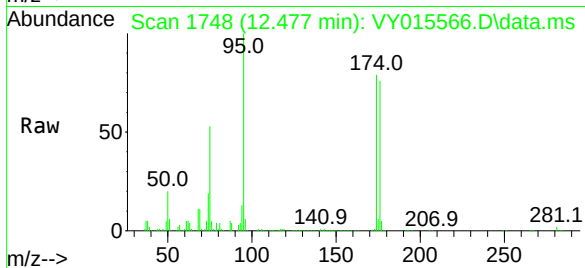




#62
4-Bromofluorobenzene
Concen: 50.817 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

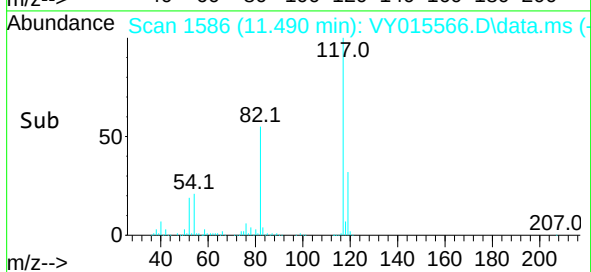
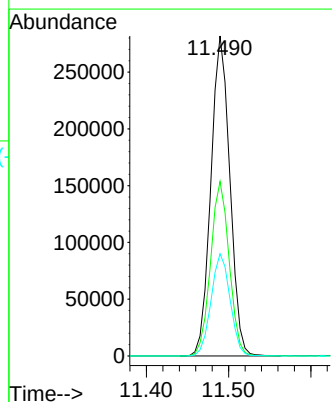
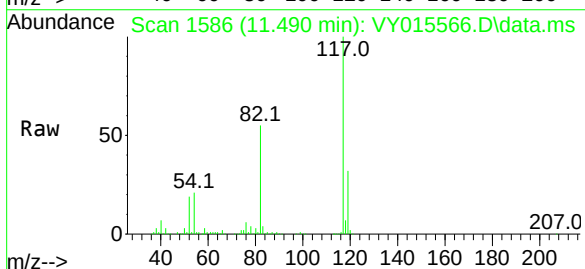
Instrument :
MSVOA_Y
ClientSampleId :

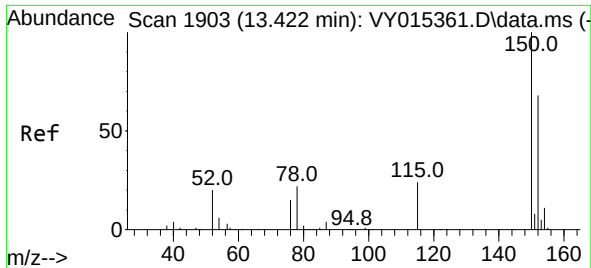
Tgt Ion: 95 Resp: 194036
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015566.D
Acq: 15 Sep 2023 13:53

Tgt Ion: 117 Resp: 451940
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.0 26.3 39.5

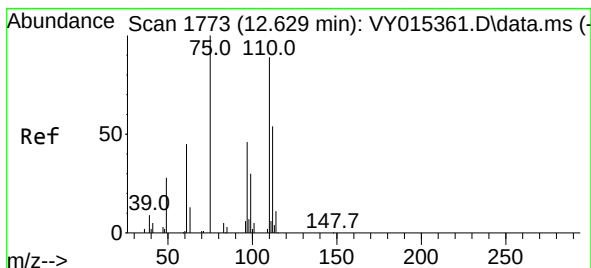
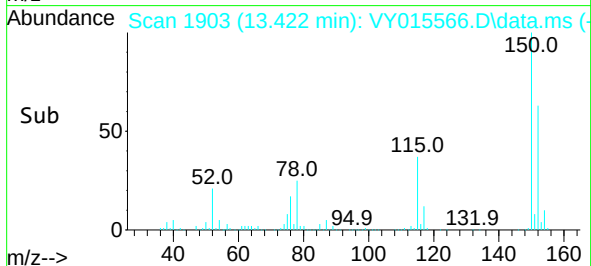
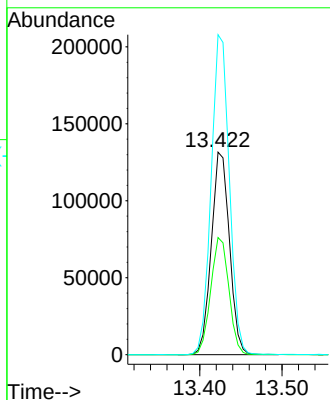
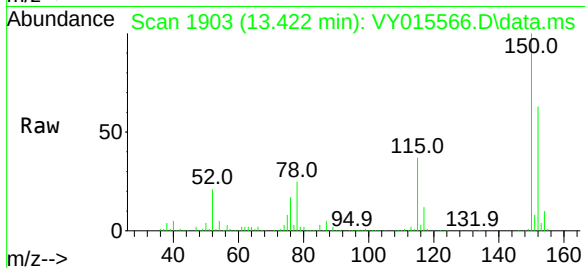




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015566.D
 Acq: 15 Sep 2023 13:53

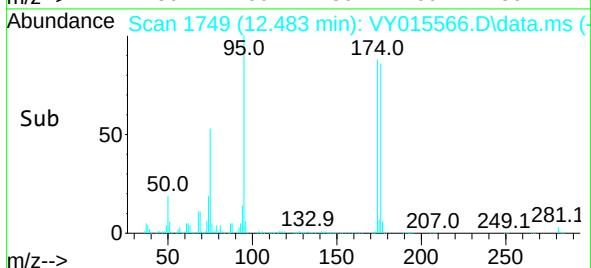
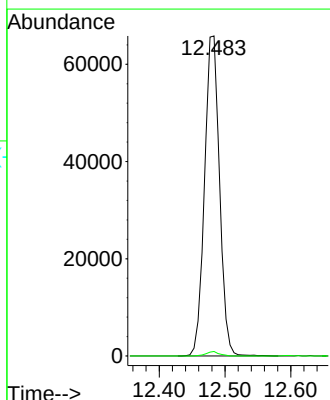
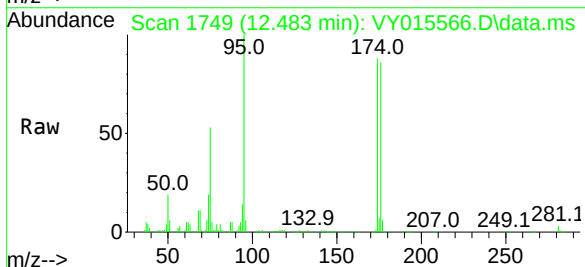
Instrument :
 MSVOA_Y
 ClientSampleId :

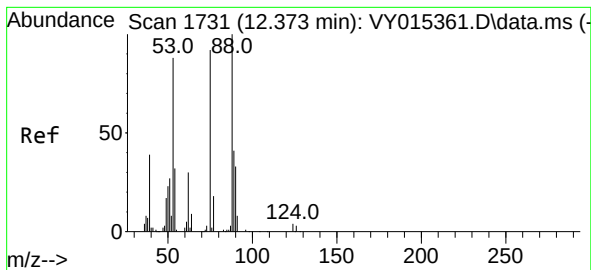
Tgt Ion:152 Resp: 201758
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 158.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 39.067 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015566.D
 Acq: 15 Sep 2023 13:53

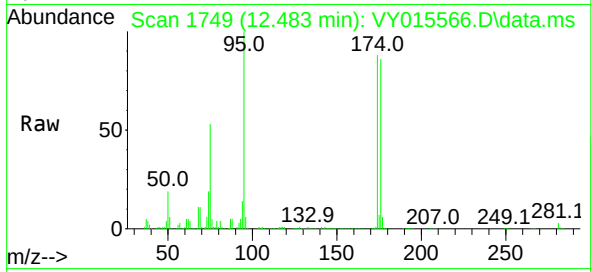
Tgt Ion: 75 Resp: 104525
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.178 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015566.D
 Acq: 15 Sep 2023 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 104525
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

