

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015495.D
 Acq On : 11 Sep 2023 18:27
 Operator : SY/MD
 Sample : 04374-03
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:21:12 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

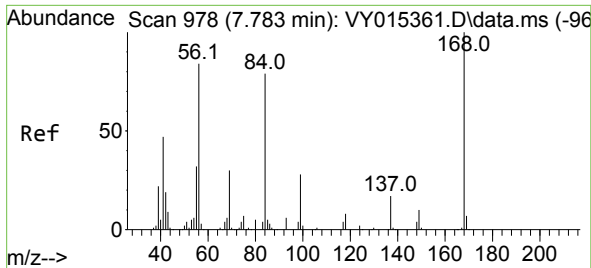
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	365121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	593921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	528056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	247013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	209690	53.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.140%	
35) Dibromofluoromethane	7.710	113	184167	53.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.680%	
50) Toluene-d8	10.179	98	692543	55.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.800%	
62) 4-Bromofluorobenzene	12.477	95	233008	50.665	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	2348	Below Cal	#	89
13) Acrolein	3.723	56	31	11.673	ug/l	88
16) Acetone	3.942	43	13178	8.066	ug/l	98
18) Methyl Acetate	4.479	43	13681	2.312	ug/l	97
20) Methylene Chloride	4.704	84	15685	Below Cal	#	86
25) 2-Butanone	6.984	43	4938	2.131	ug/l	# 89
31) Cyclohexane	7.783	56	9206	1.324	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	27620	4.598	ug/l	# 51
37) Ethyl Acetate	6.984	43	4938	1.066	ug/l	# 86
38) Carbon Tetrachloride	7.783	117	35751	5.763	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	125692	38.372	ug/l	# 100
78) n-propylbenzene	12.672	91	30417	1.355	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.477	75	125692	84.644	ug/l	# 11
82) 4-Chlorotoluene	12.672	91	30417	2.324	ug/l	# 40

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

Quant Time: Sep 12 01:21:12 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

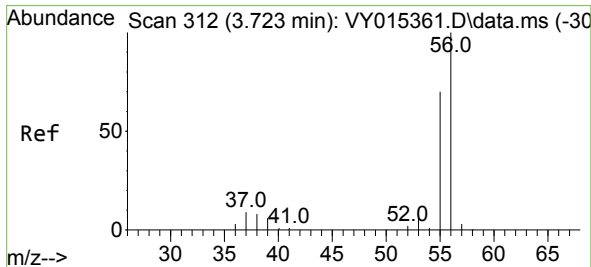
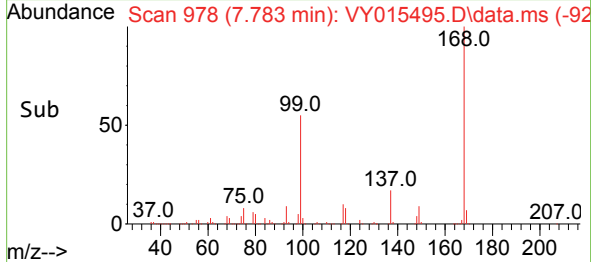
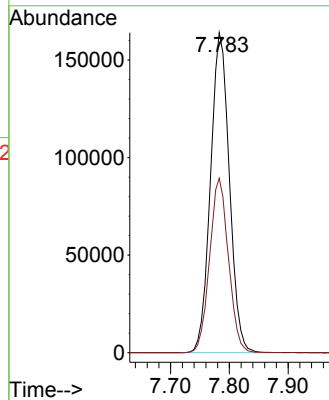
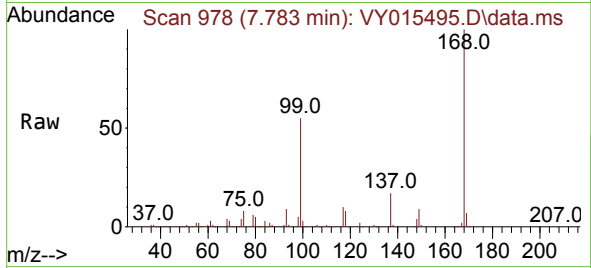




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

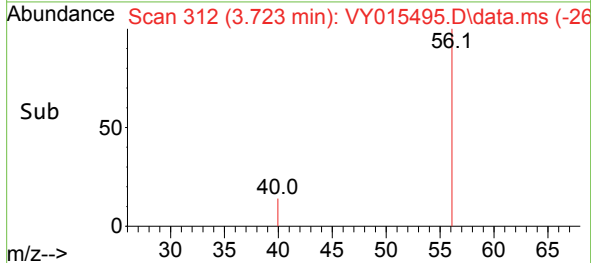
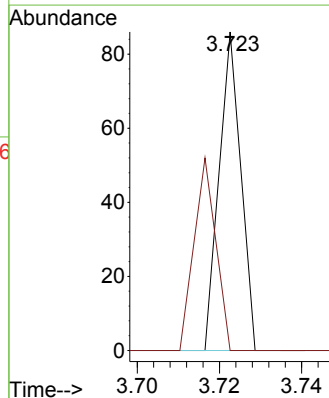
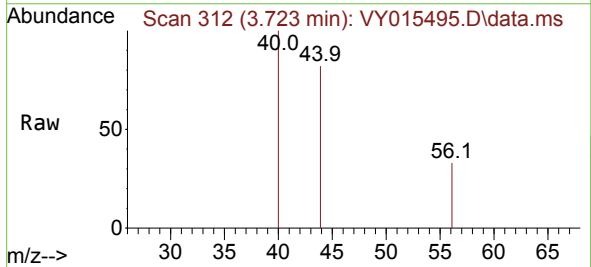
Instrument :
MSVOA_Y
ClientSampleId :

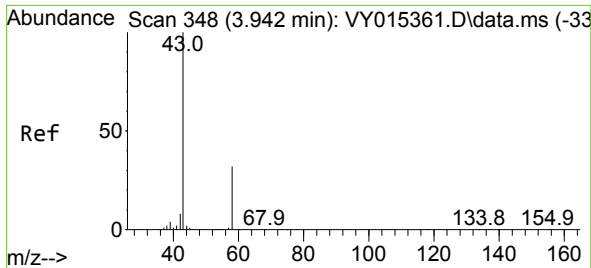
Tgt Ion:168 Resp: 365121
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#13
Acrolein
Concen: 11.673 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 61.3 57.0 85.4

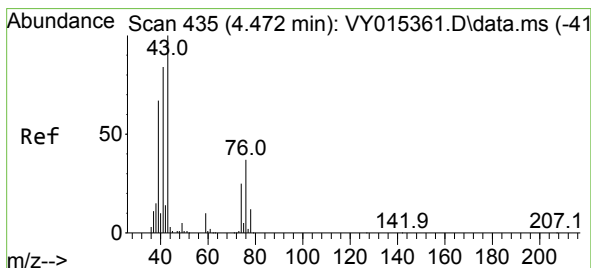
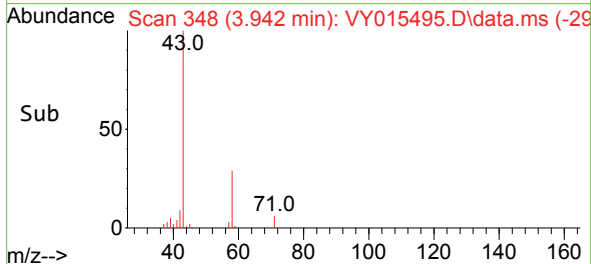
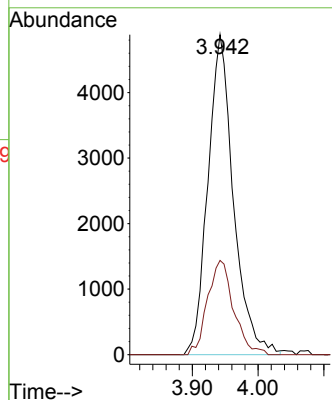
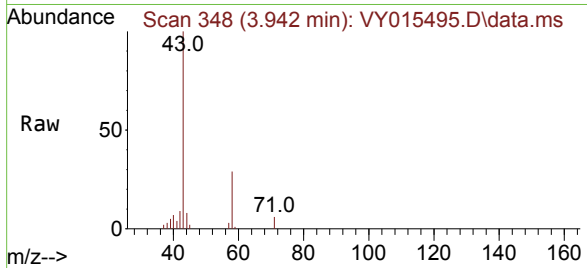




#16
Acetone
Concen: 8.066 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

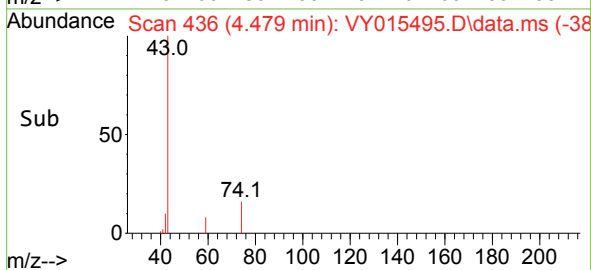
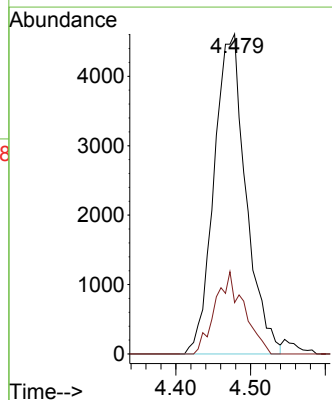
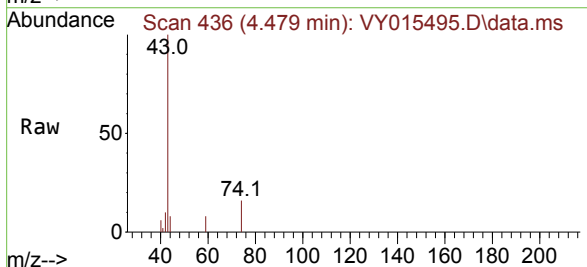
Instrument :
MSVOA_Y
ClientSampleId :

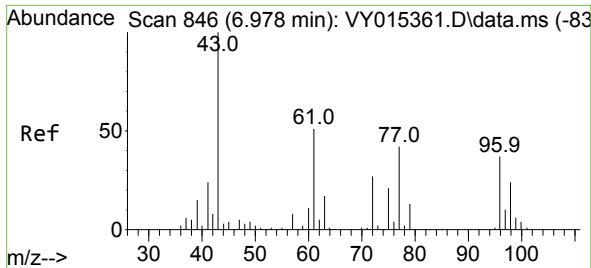
Tgt Ion: 43 Resp: 13178
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1



#18
Methyl Acetate
Concen: 2.312 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 43 Resp: 13681
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0

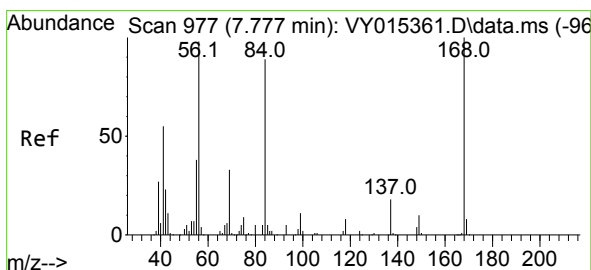
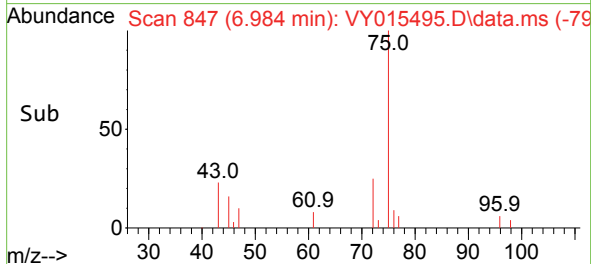
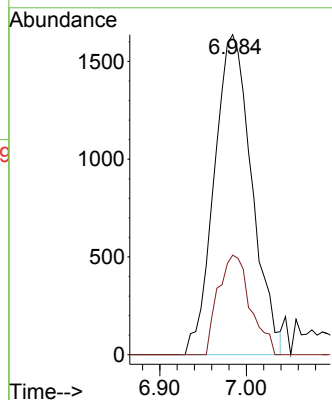
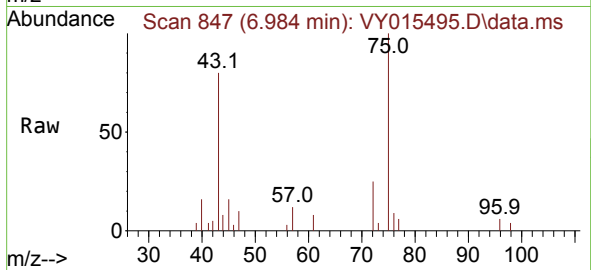




#25
2-Butanone
Concen: 2.131 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

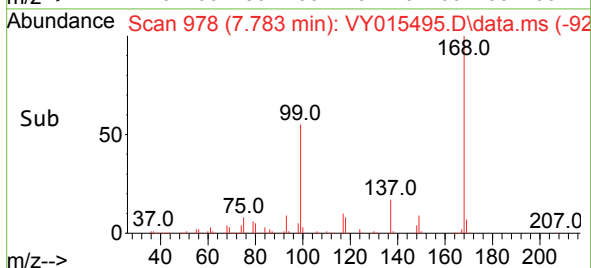
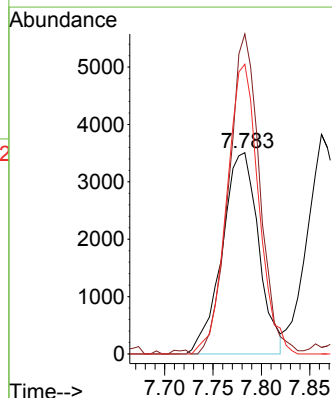
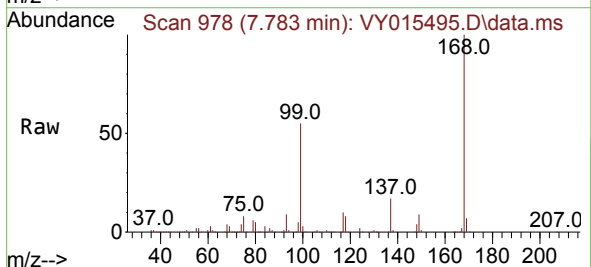
Instrument :
MSVOA_Y
ClientSampleId :

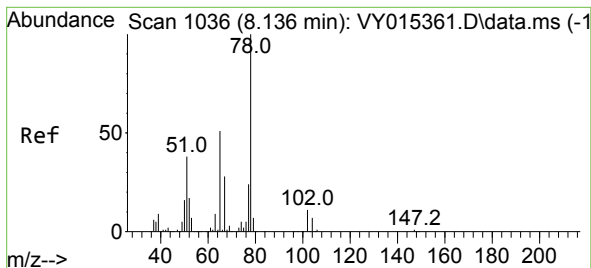
Tgt Ion: 43 Resp: 4938
Ion Ratio Lower Upper
43 100
72 31.1 20.5 30.7#



#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 56 Resp: 9206
Ion Ratio Lower Upper
56 100
69 157.5 27.8 41.6#
84 144.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.574 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015495.D

Acq: 11 Sep 2023 18:27

Instrument :

MSVOA_Y

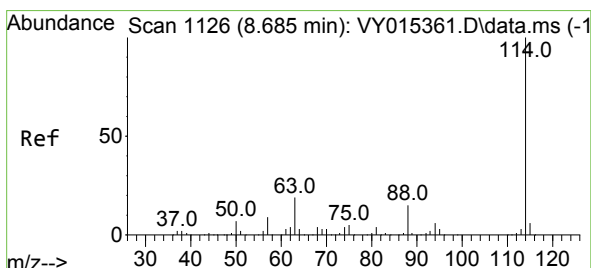
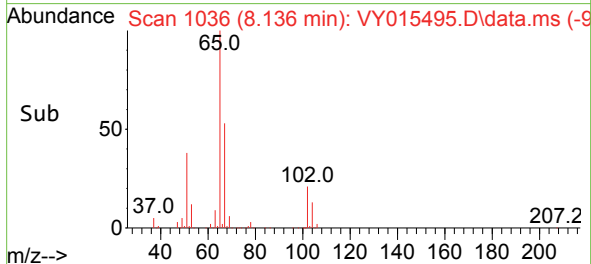
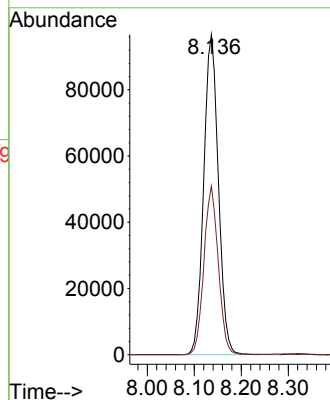
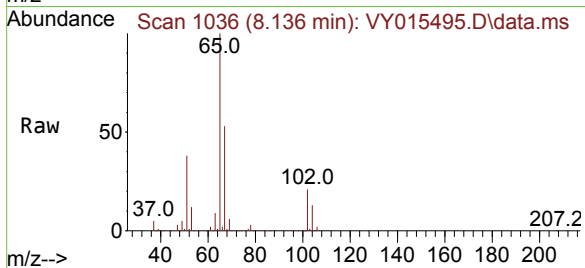
ClientSampleId :

Tgt Ion: 65 Resp: 209690

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015495.D

Acq: 11 Sep 2023 18:27

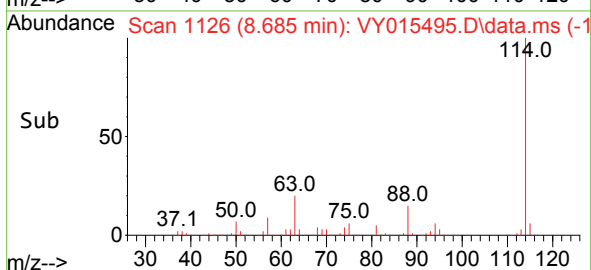
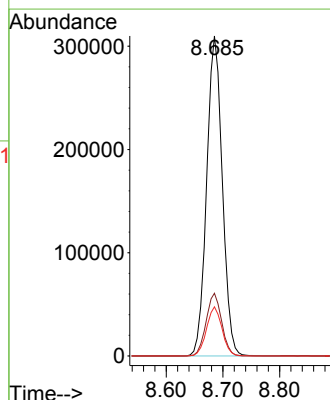
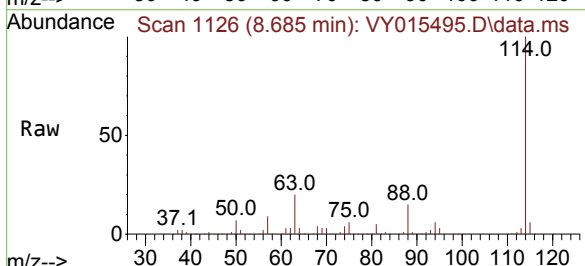
Tgt Ion: 114 Resp: 593921

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

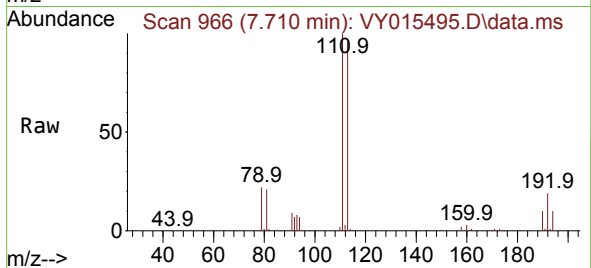
88 15.3 0.0 30.6



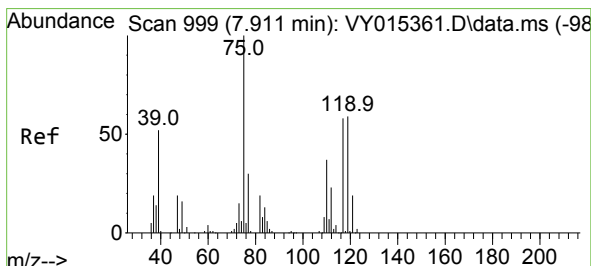
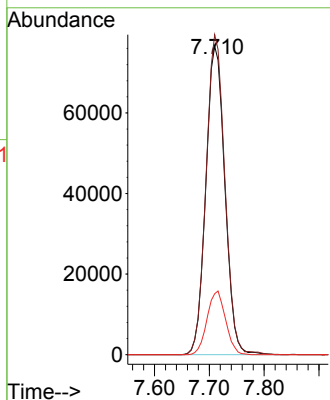
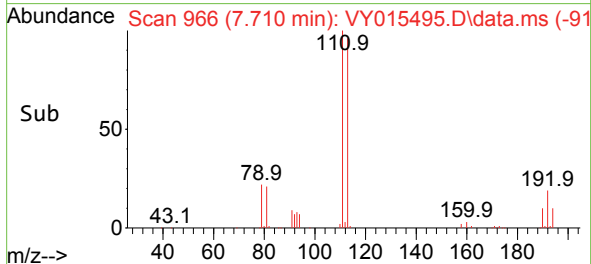


#35
Dibromofluoromethane
Concen: 53.836 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :

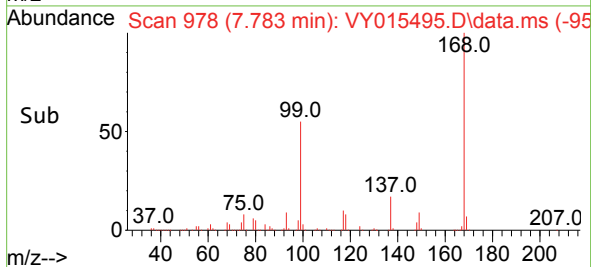
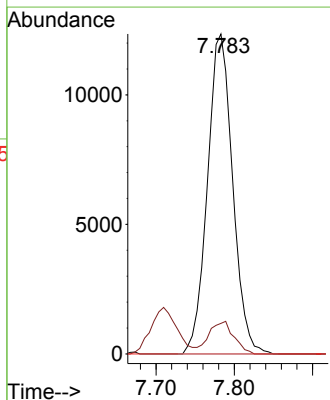
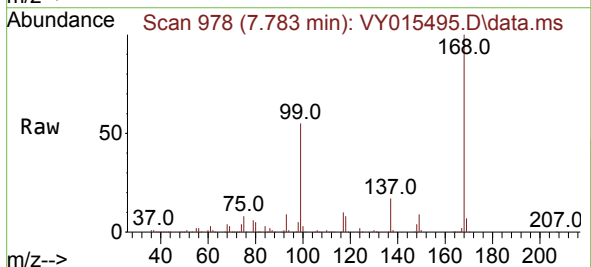


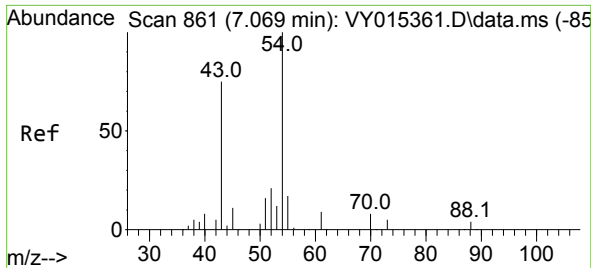
Tgt Ion:113 Resp: 184167
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 75 Resp: 27620
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.066 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.079 min

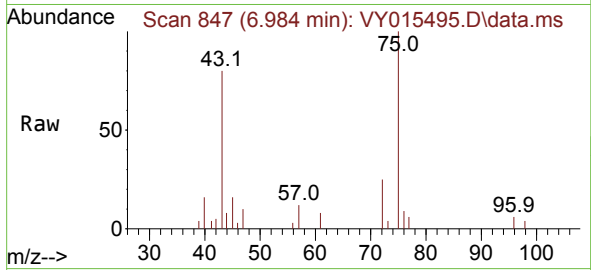
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Acq: 11 Sep 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :



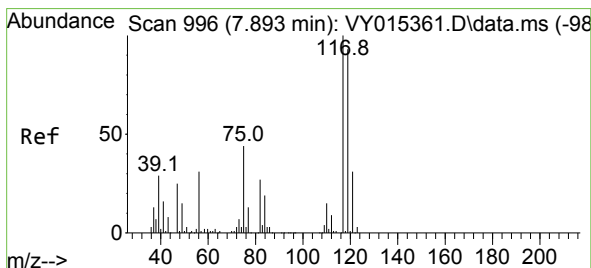
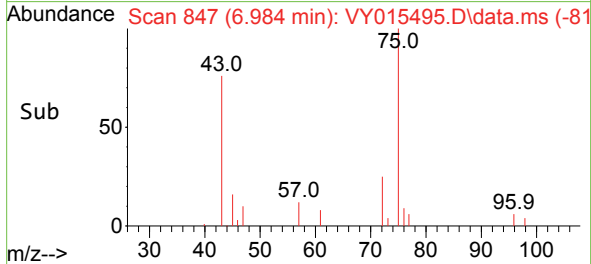
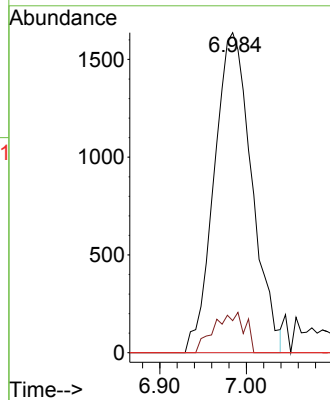
Tgt Ion: 43 Resp: 4938

Ion Ratio Lower Upper

43 100

61 10.3 10.1 15.1

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.763 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY015495.D

Acq: 11 Sep 2023 18:27

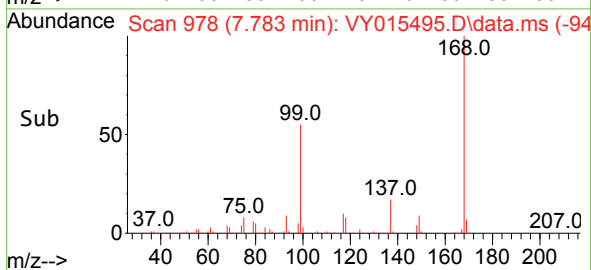
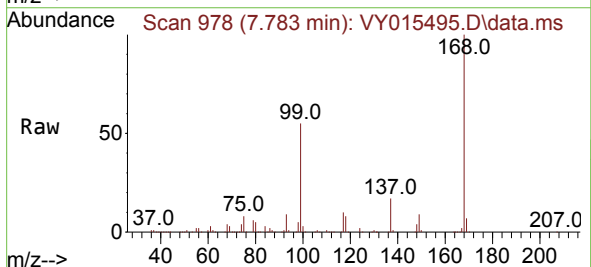
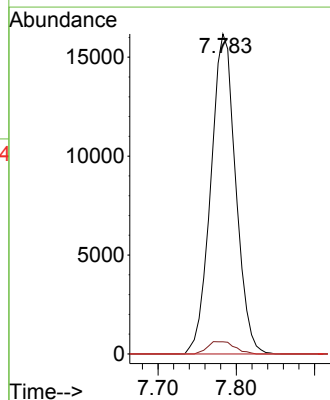
Tgt Ion: 117 Resp: 35751

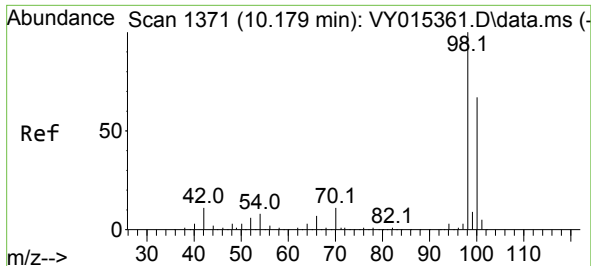
Ion Ratio Lower Upper

117 100

119 3.8 76.4 114.6#

121 0.0 25.8 38.6#

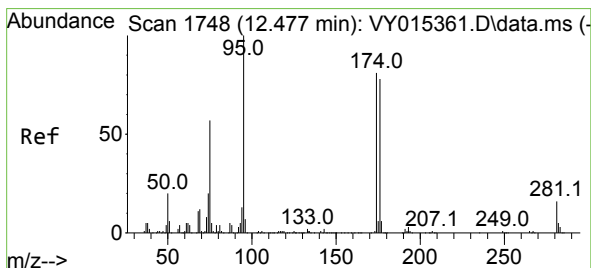
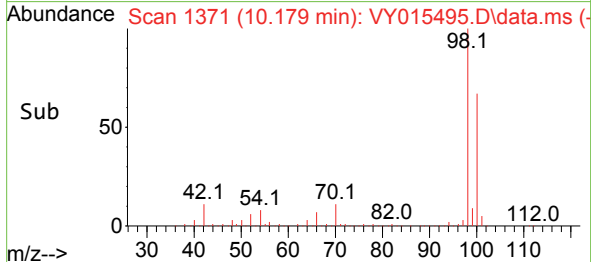
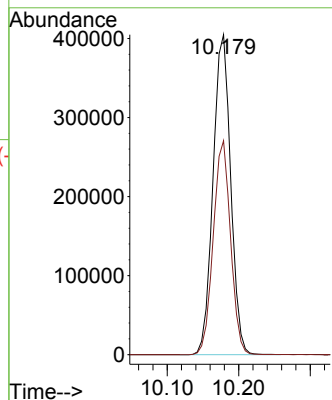
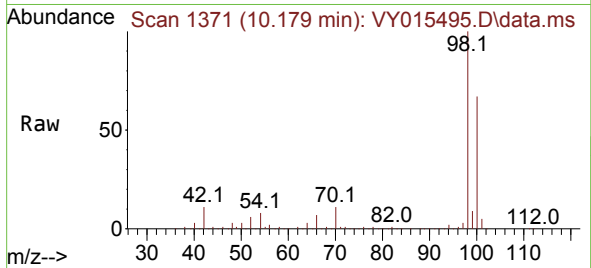




#50
Toluene-d8
Concen: 55.903 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

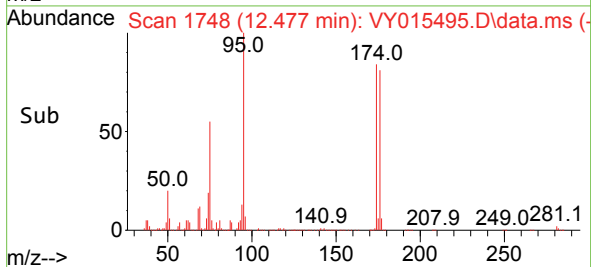
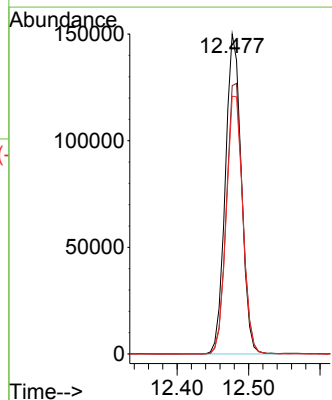
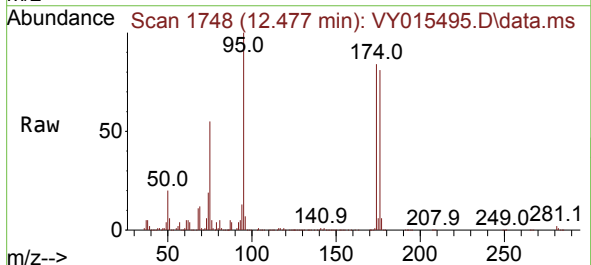
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 692543
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.665 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 95 Resp: 233008
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

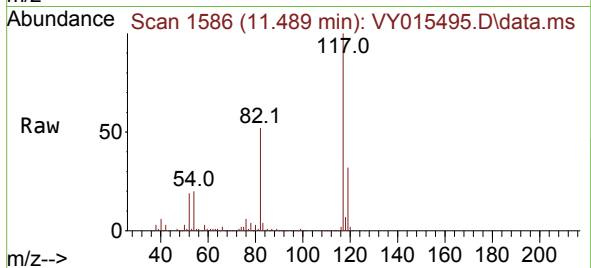
Lab File: VY015495.D

Acq: 11 Sep 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :



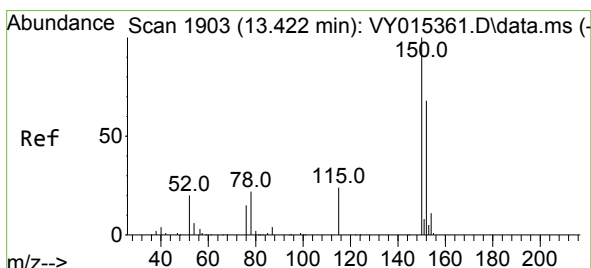
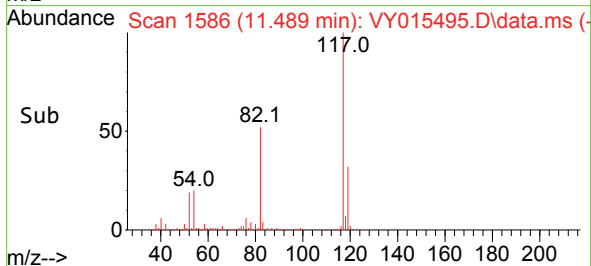
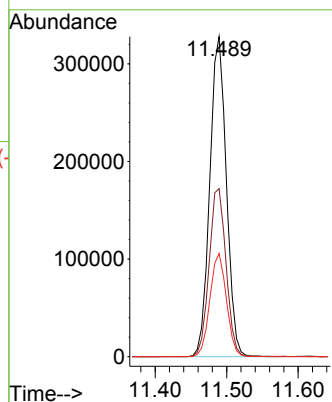
Tgt Ion:117 Resp: 528056

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 32.3 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: VY015495.D

Acq: 11 Sep 2023 18:27

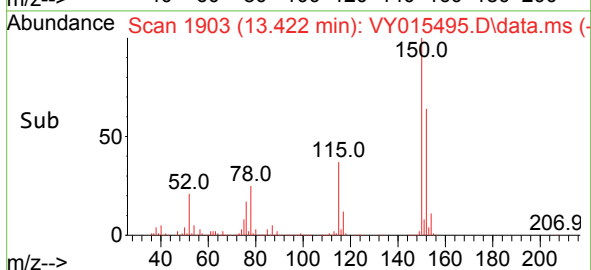
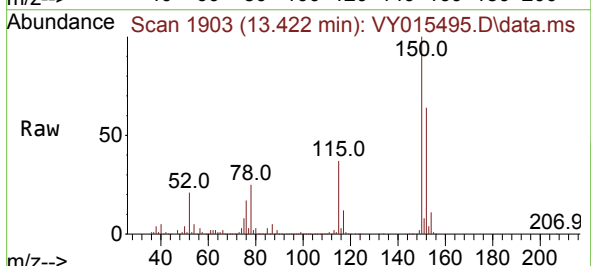
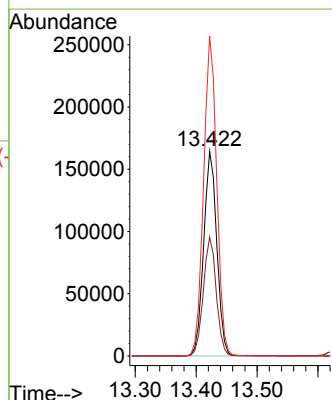
Tgt Ion:152 Resp: 247013

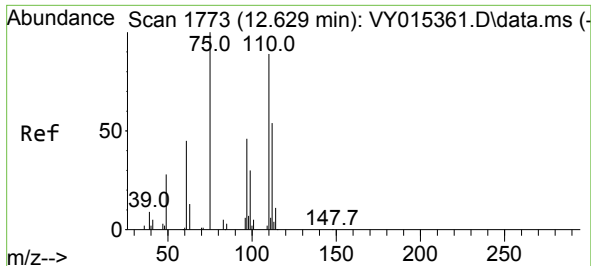
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.3 0.0 348.8

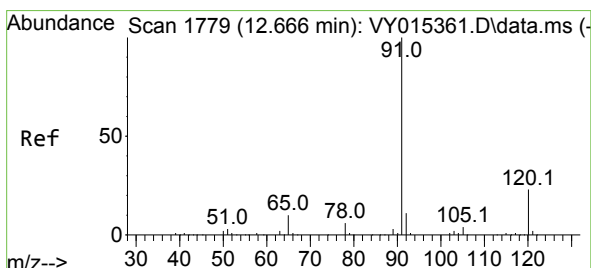
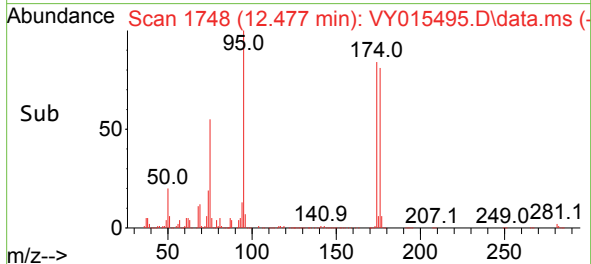
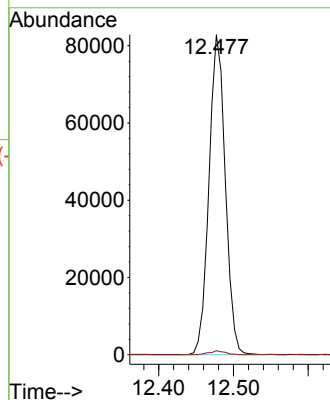
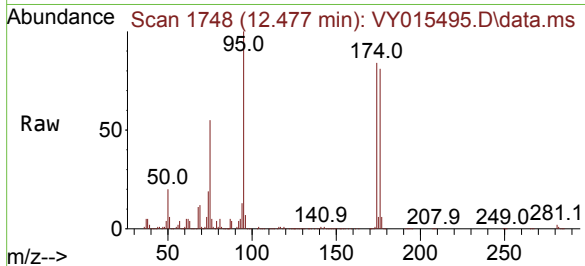




#76
1,2,3-Trichloropropane
Concen: 38.372 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

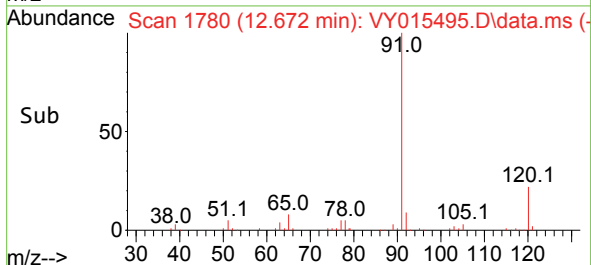
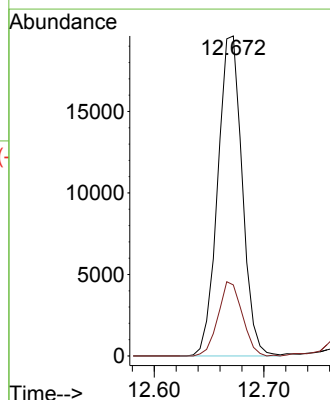
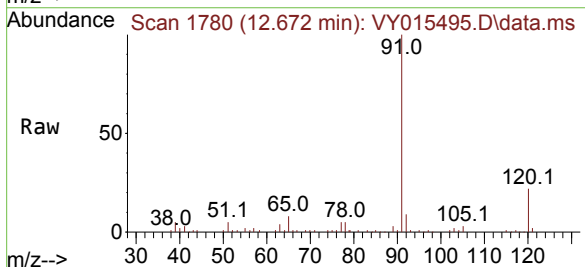
Instrument :
MSVOA_Y
ClientSampleId :

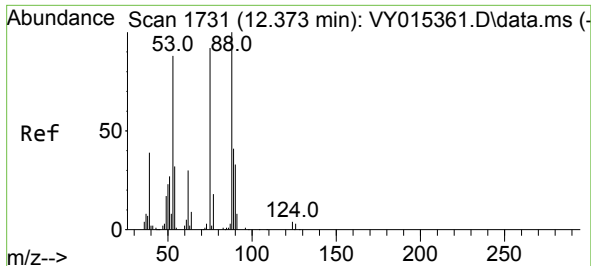
Tgt Ion: 75 Resp: 125692
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#78
n-propylbenzene
Concen: 1.355 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

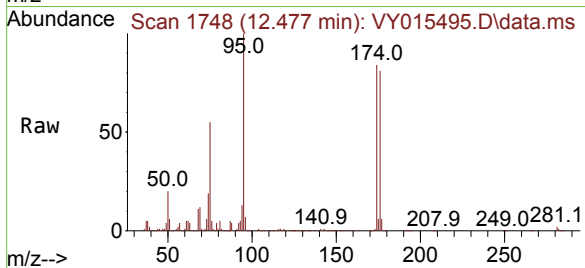
Tgt Ion: 91 Resp: 30417
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4



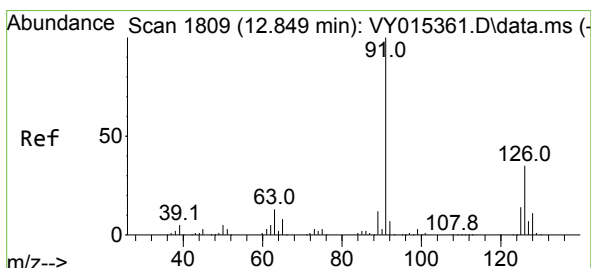
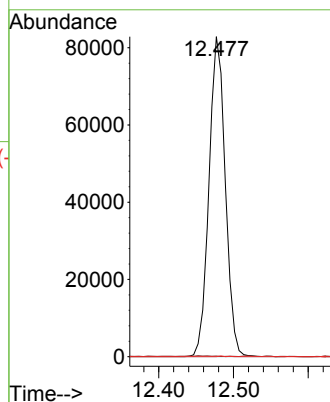
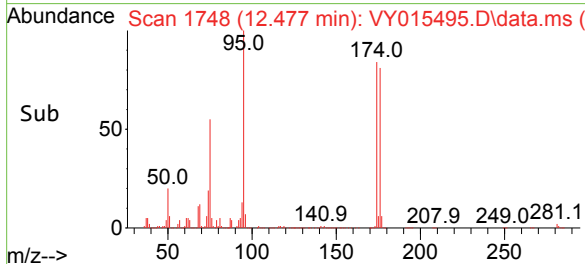


#81
trans-1,4-Dichloro-2-butene
Concen: 84.644 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 125692
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#82
4-Chlorotoluene
Concen: 2.324 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.177 min
Lab File: VY015495.D
Acq: 11 Sep 2023 18:27

Tgt Ion: 91 Resp: 30417
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

