

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010180.D
 Acq On : 23 Aug 2022 21:06
 Operator : KP/MD
 Sample : N4188-16RE
 Misc : 10.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S10

Quant Time: Aug 24 04:35:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

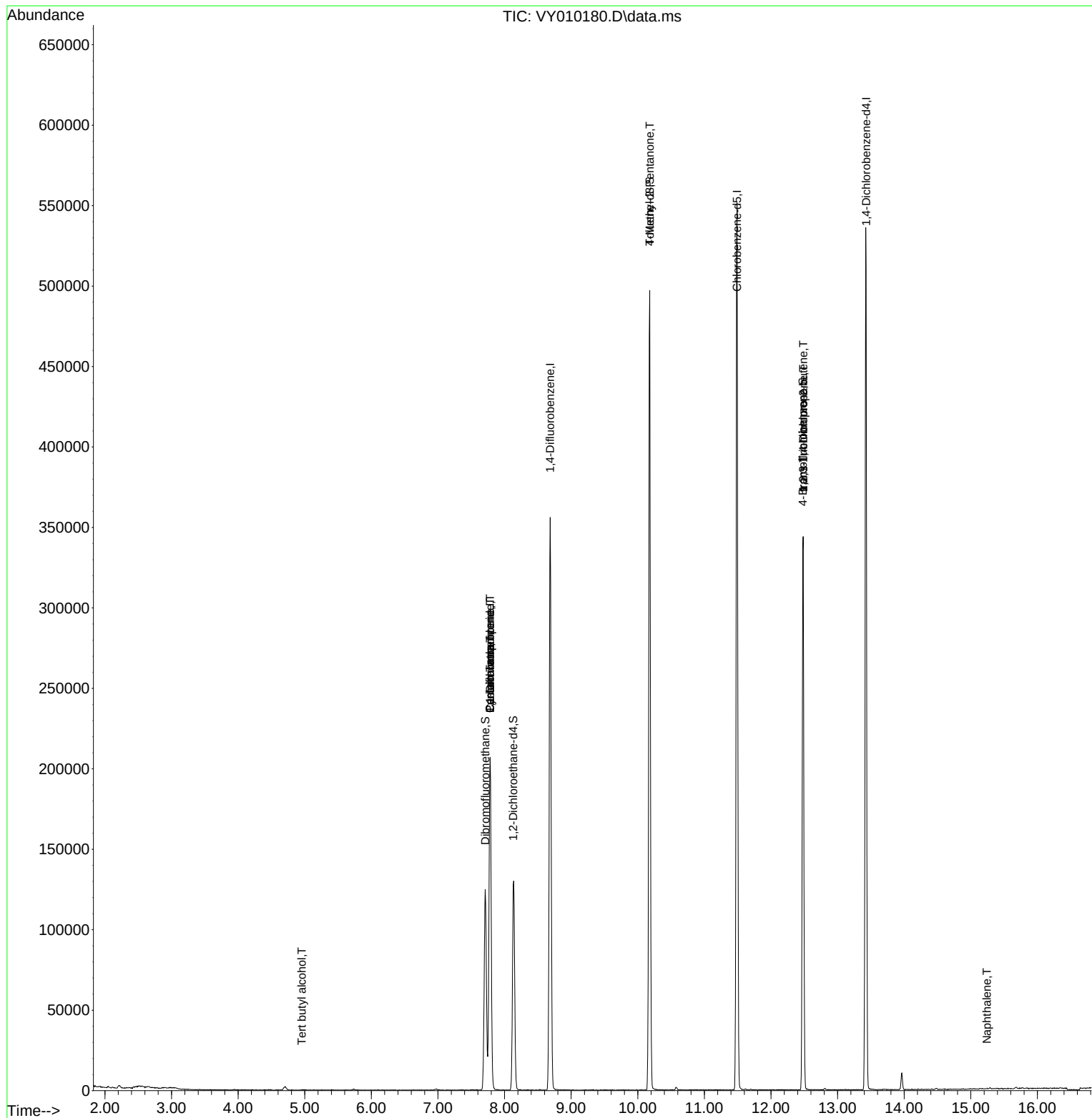
Internal Standards						
1) Pentafluorobenzene	7.783	168	167207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	312976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	97886	71.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.940%
35) Dibromofluoromethane	7.710	113	88948	50.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.179	98	324649	49.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.477	95	103685	43.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	101	11.136	ug/l #	73
20) Methylene Chloride	4.704	84	1582	Below Cal		90
31) Cyclohexane	7.783	56	3165	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12032	4.280	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15403	5.225	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1432	1.027	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	52432	38.870	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52432	78.070	ug/l #	18
95) Naphthalene	15.239	128	146	3.911	ug/l #	69

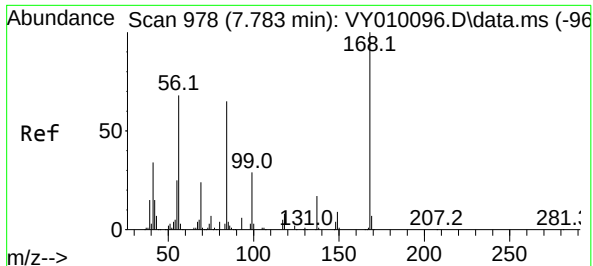
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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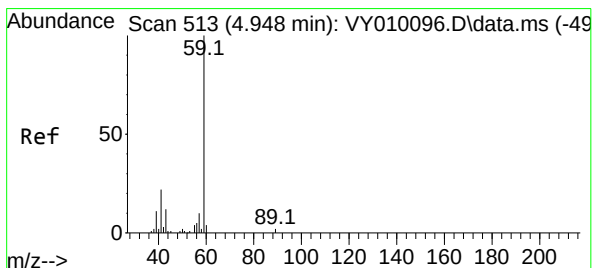
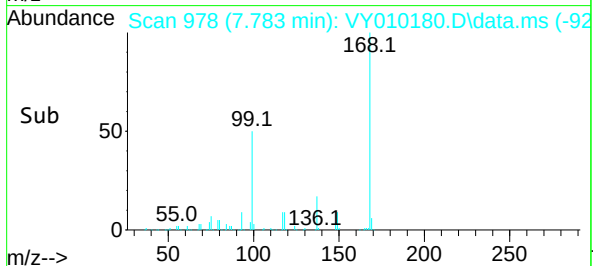
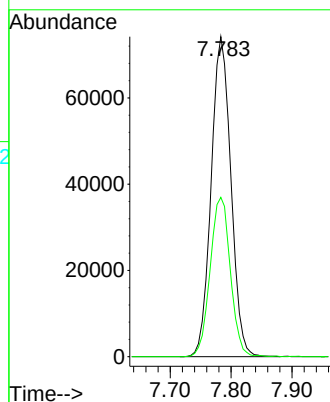
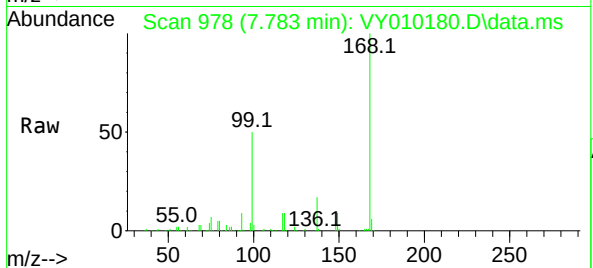




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

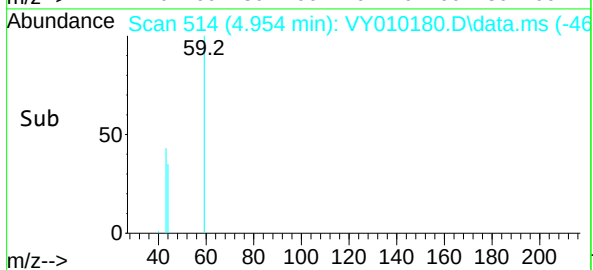
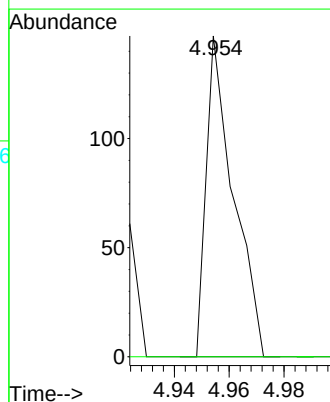
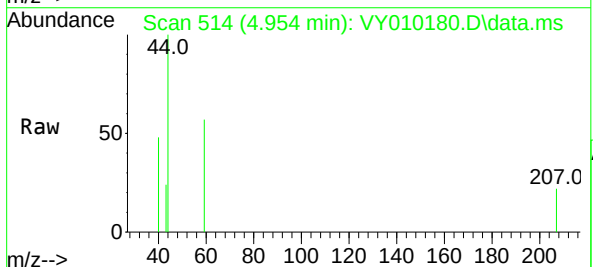
Instrument :
MSVOA_Y
ClientSampleId :
S10

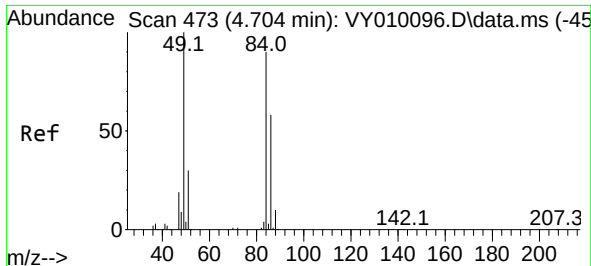
Tgt Ion:168 Resp: 167207
Ion Ratio Lower Upper
168 100
99 49.8 40.7 61.1



#11
Tert butyl alcohol
Concen: 11.136 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY010180.D

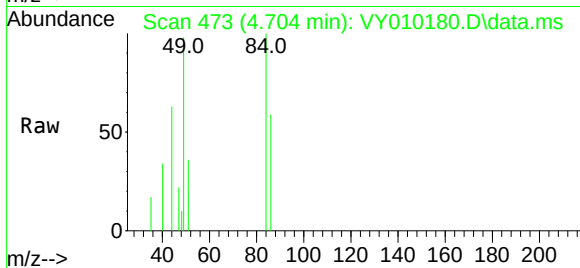
Acq: 23 Aug 2022 21:06

Instrument :

MSVOA_Y

ClientSampleId :

S10



Tgt Ion: 84 Resp: 1582

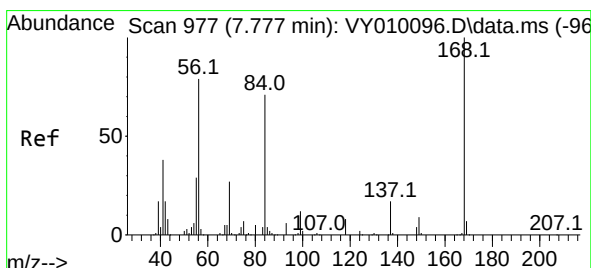
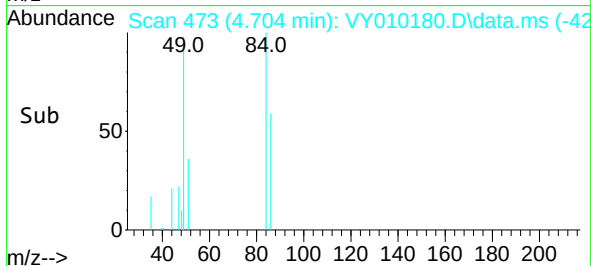
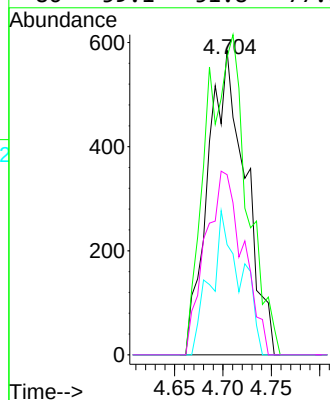
Ion Ratio Lower Upper

84 100

49 97.6 89.0 133.4

51 36.2 27.0 40.6

86 59.1 51.8 77.6



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010180.D

Acq: 23 Aug 2022 21:06

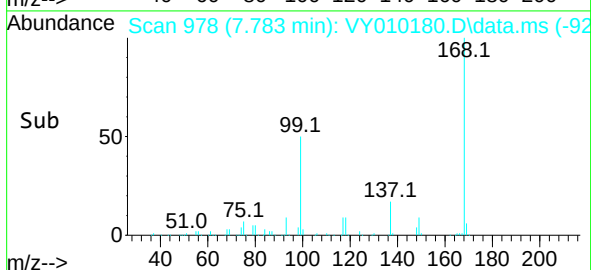
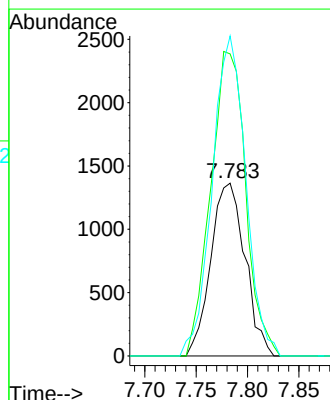
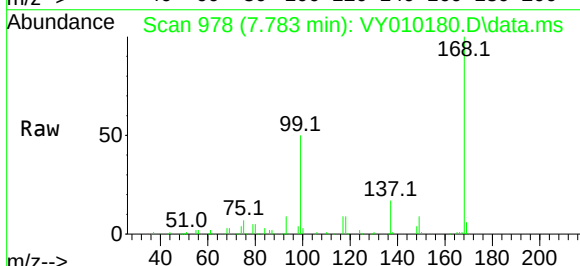
Tgt Ion: 56 Resp: 3165

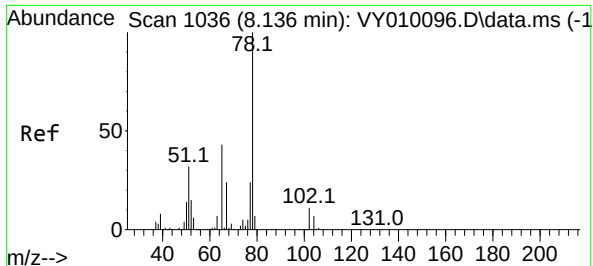
Ion Ratio Lower Upper

56 100

69 174.7 27.3 40.9#

84 185.1 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 71.471 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY010180.D

Acq: 23 Aug 2022 21:06

Instrument :

MSVOA_Y

ClientSampleId :

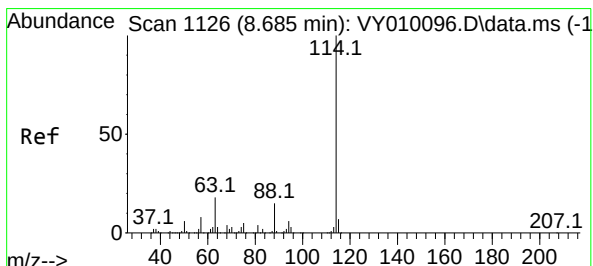
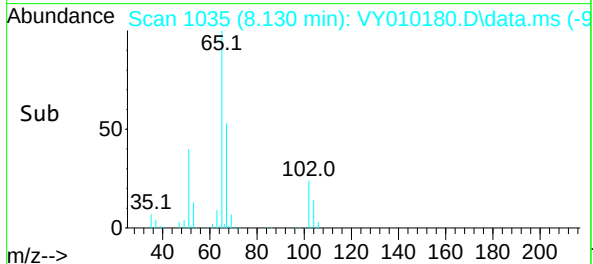
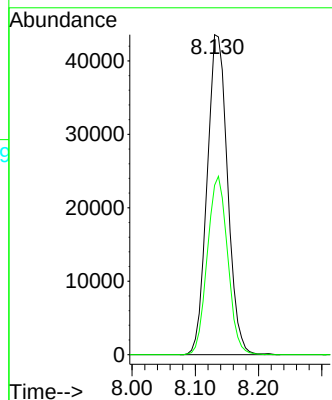
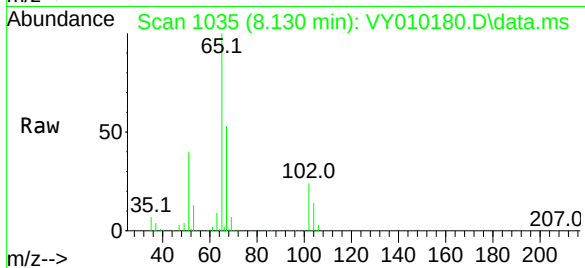
S10

Tgt Ion: 65 Resp: 97886

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010180.D

Acq: 23 Aug 2022 21:06

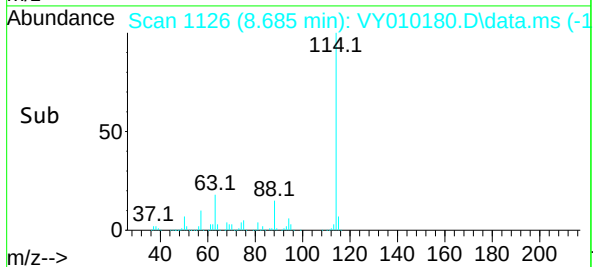
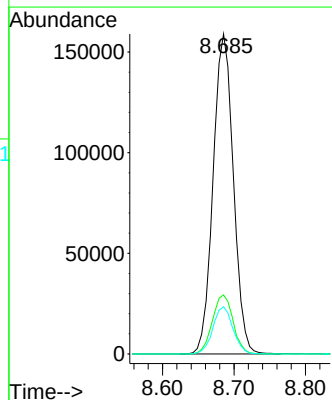
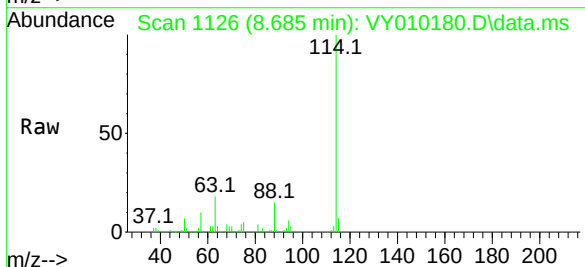
Tgt Ion: 114 Resp: 312536

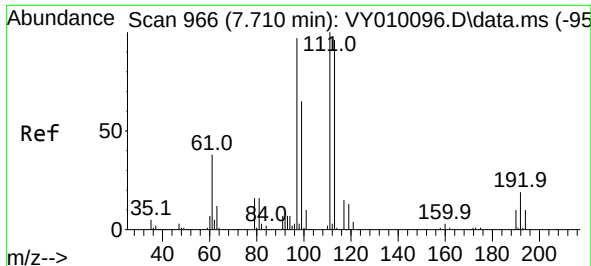
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

88 14.8 0.0 29.6

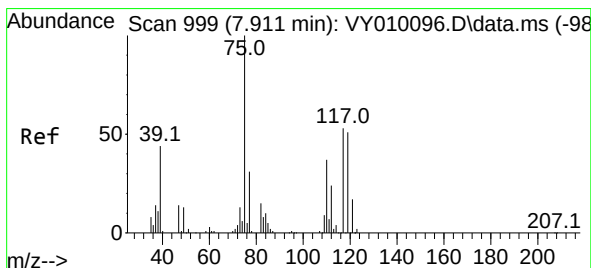
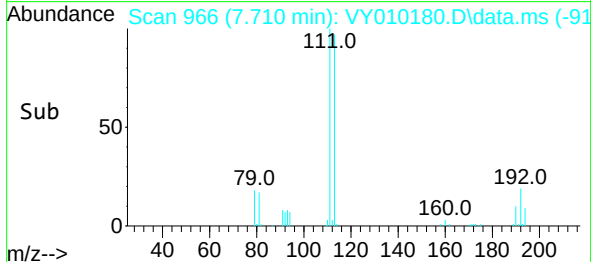
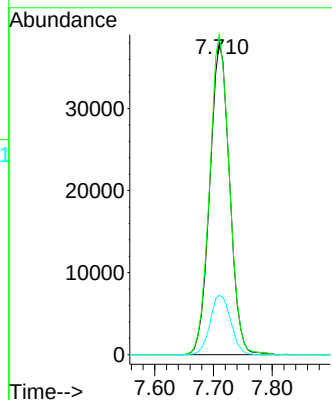
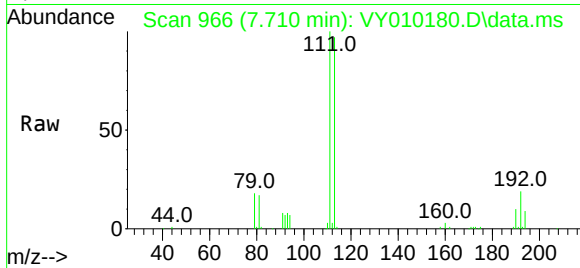




#35
Dibromofluoromethane
Concen: 50.508 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

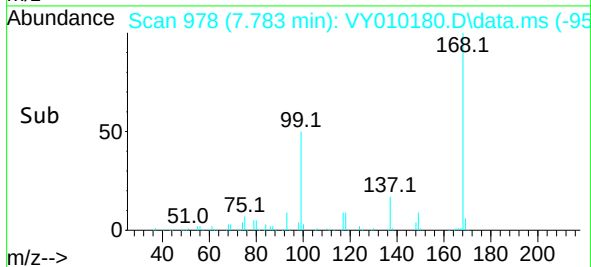
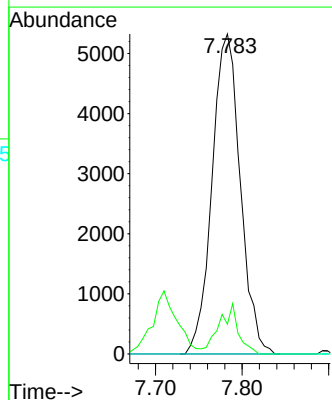
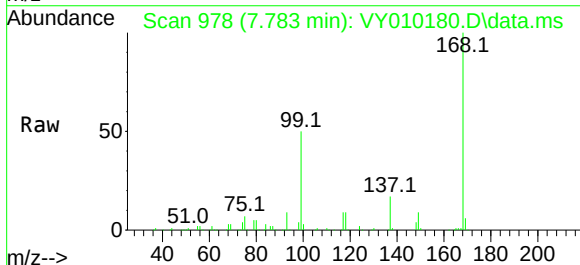
Instrument :
MSVOA_Y
ClientSampleId :
S10

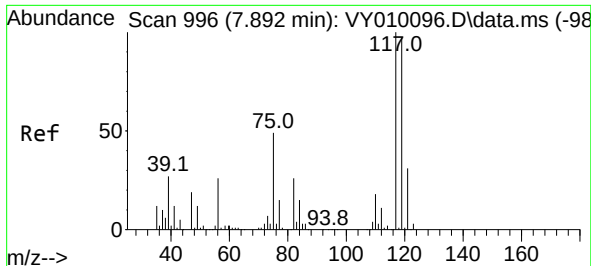
Tgt Ion:113 Resp: 88948
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.8 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.280 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

Tgt Ion: 75 Resp: 12032
Ion Ratio Lower Upper
75 100
110 10.6 18.6 56.0#
77 0.0 24.9 37.3#

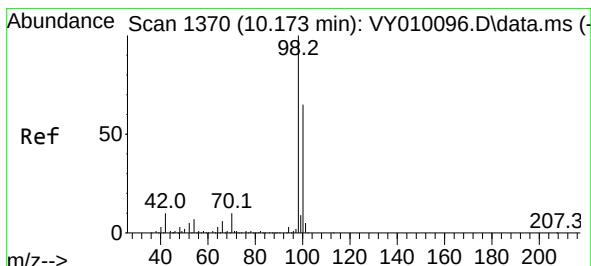
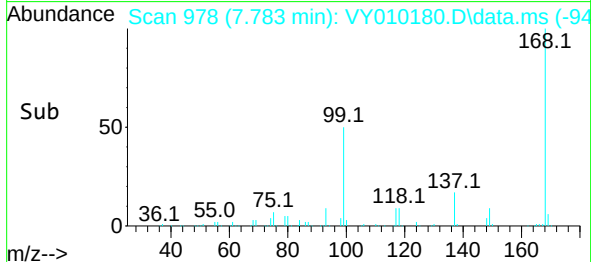
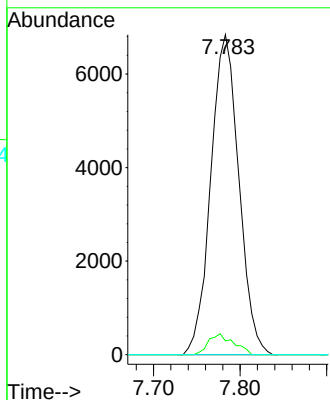
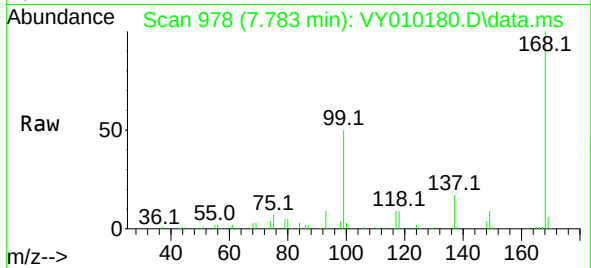




#38
Carbon Tetrachloride
Concen: 5.225 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

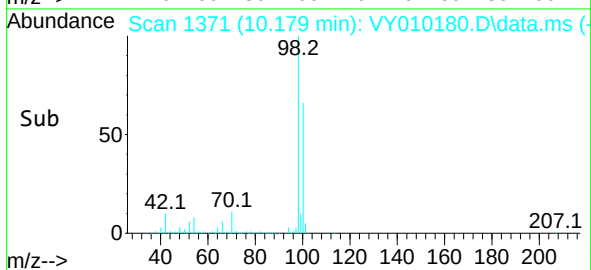
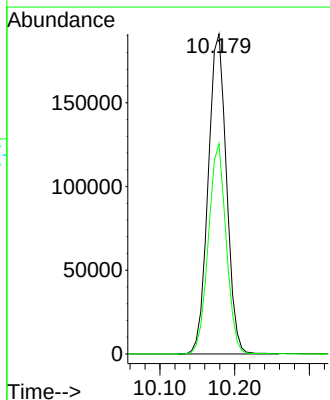
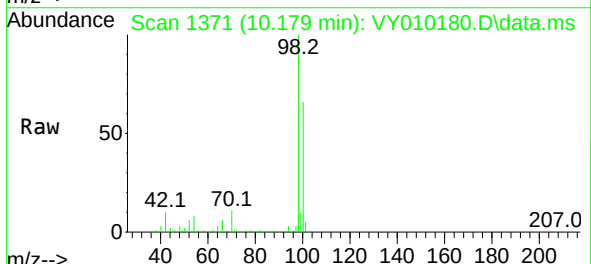
Instrument :
MSVOA_Y
ClientSampleId :
S10

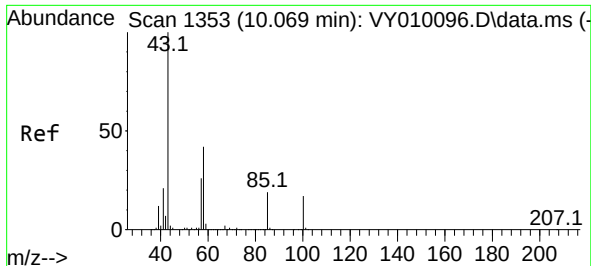
Tgt Ion:117 Resp: 15403
Ion Ratio Lower Upper
117 100
119 4.3 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.197 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

Tgt Ion: 98 Resp: 324649
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

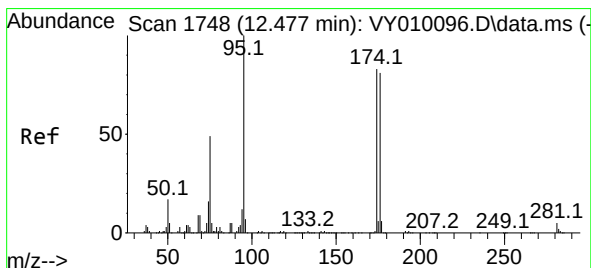
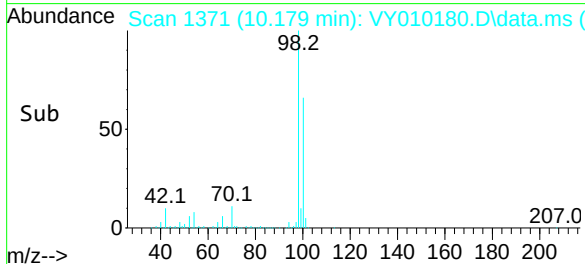
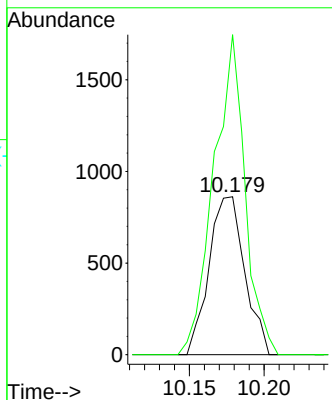
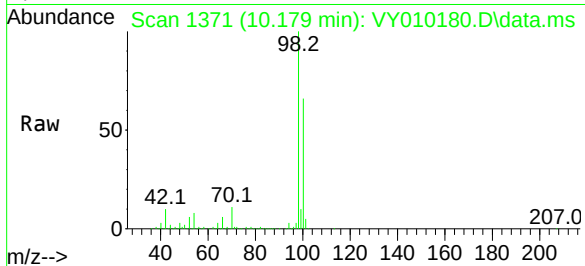




#51
4-Methyl-2-Pentanone
Concen: 1.027 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

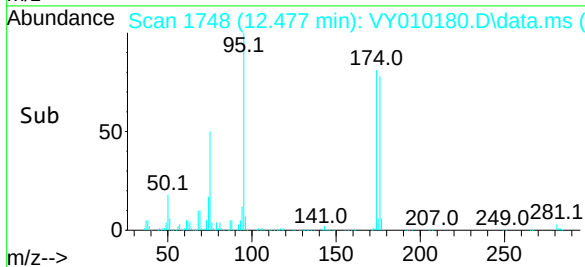
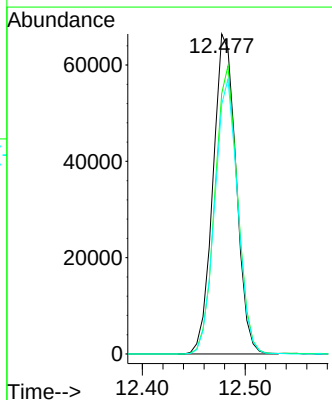
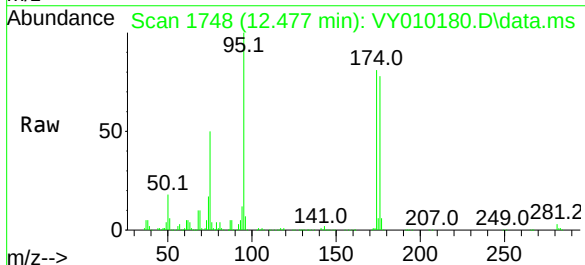
Instrument :
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ClientSampleId :
S10

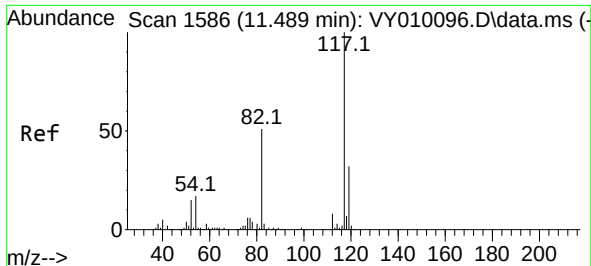
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 177.4 33.3 49.9#



#62
4-Bromofluorobenzene
Concen: 43.976 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

Tgt Ion: 95 Resp: 103685
Ion Ratio Lower Upper
95 100
174 88.5 0.0 173.8
176 85.0 0.0 167.2

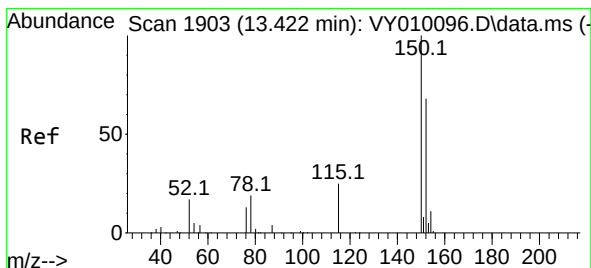
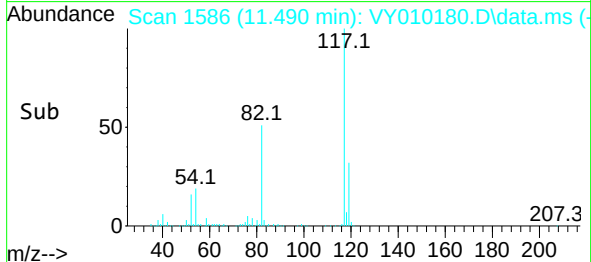
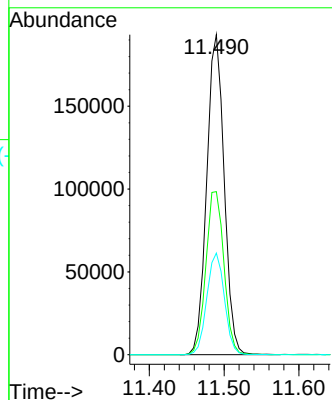
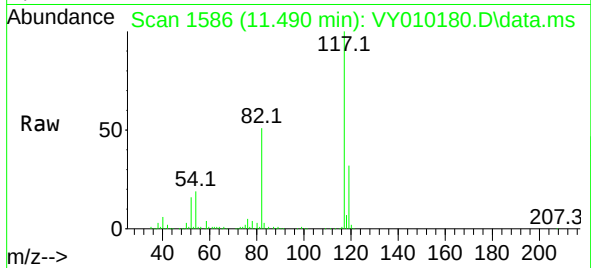




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

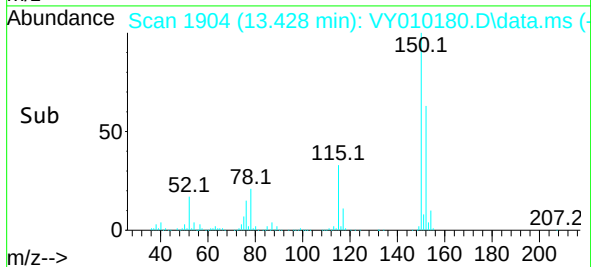
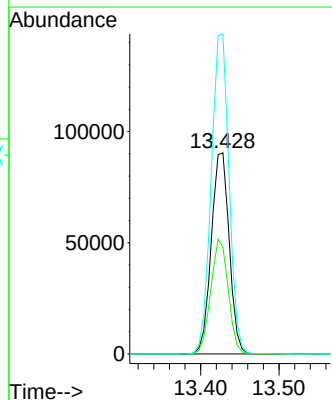
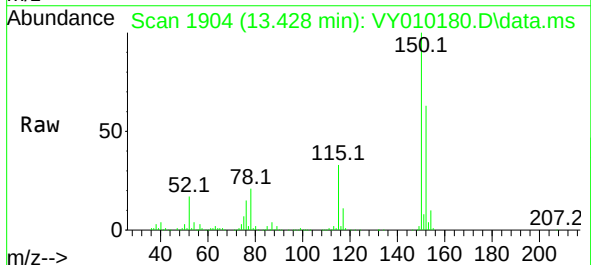
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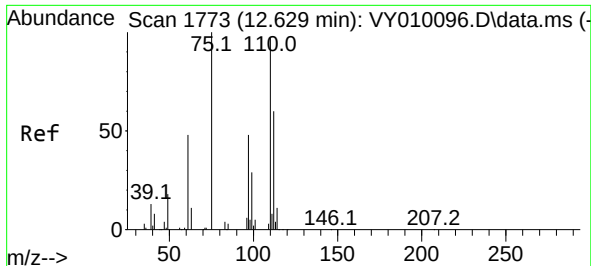
Tgt Ion:117 Resp: 312976
Ion Ratio Lower Upper
117 100
82 51.0 40.6 61.0
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

Tgt Ion:152 Resp: 144034
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.2
150 157.5 0.0 346.2

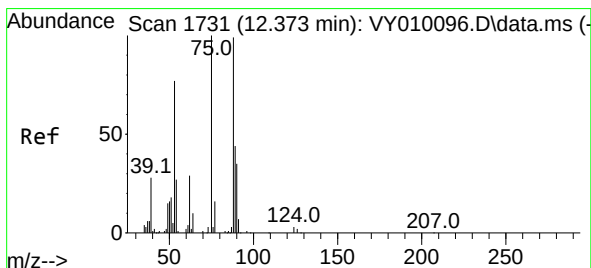
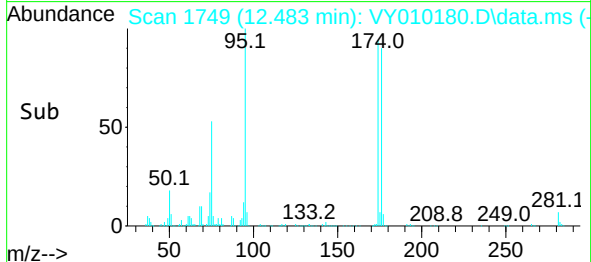
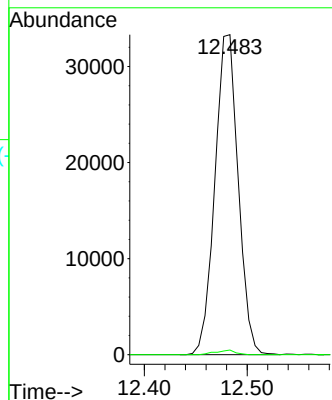
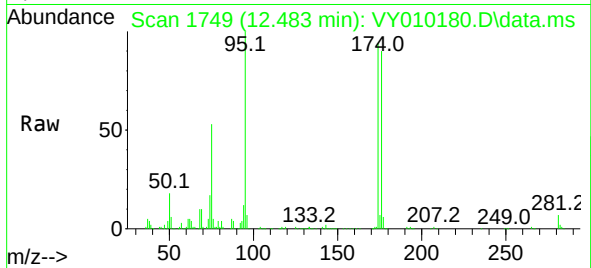




#76
1,2,3-Trichloropropane
Concen: 38.870 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

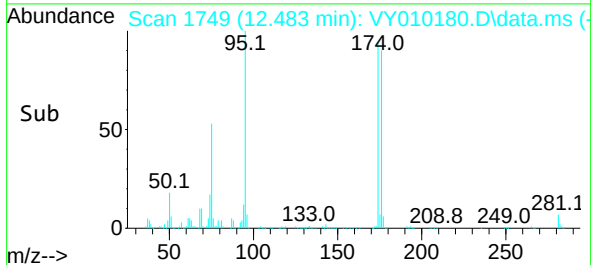
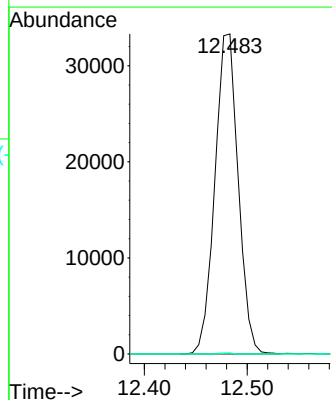
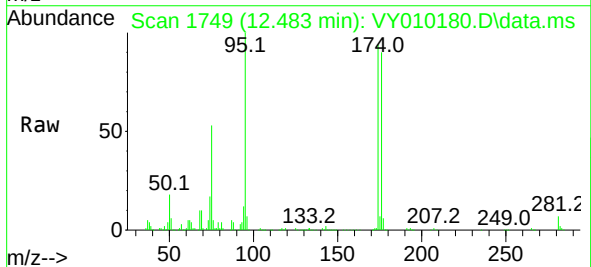
Instrument :
MSVOA_Y
ClientSampleId :
S10

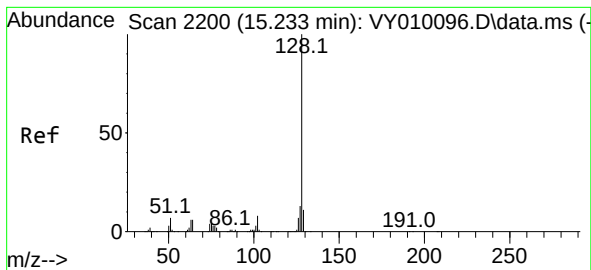
Tgt Ion: 75 Resp: 52432
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

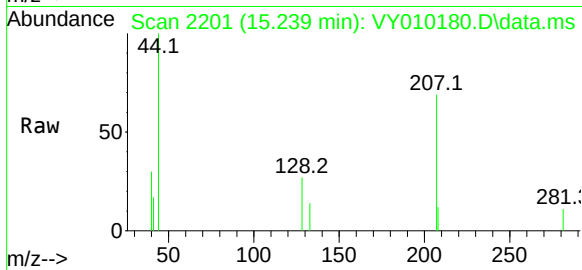
Tgt Ion: 75 Resp: 52432
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 36.8 55.2#





#95
Naphthalene
Concen: 3.911 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY010180.D
Acq: 23 Aug 2022 21:06

Instrument :
MSVOA_Y
ClientSampleId :
S10



Tgt Ion:128 Resp: 146
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

