

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008094.D
 Acq On : 29 Mar 2022 17:59
 Operator : SY/MD
 Sample : N2108-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 04:01:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

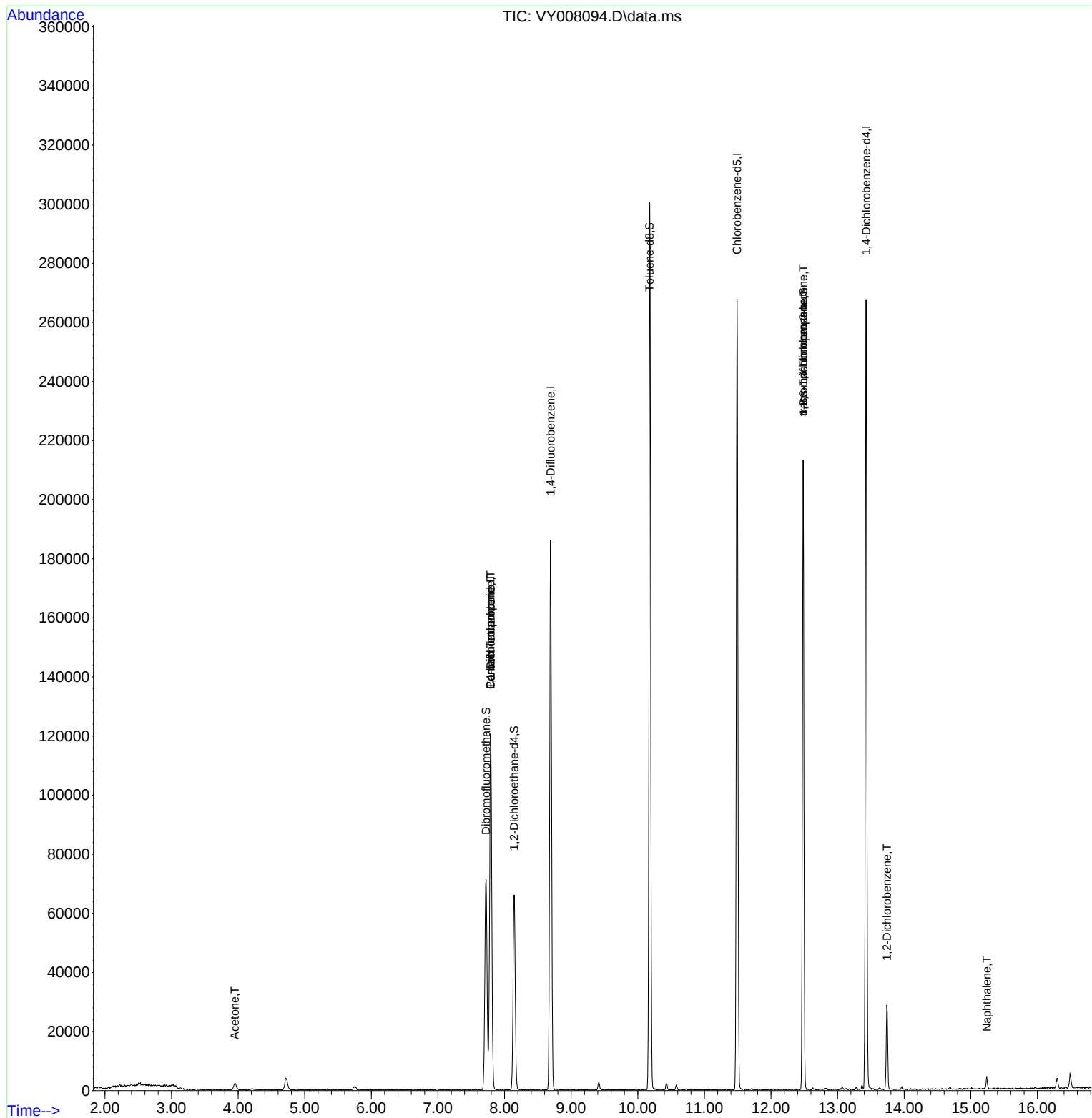
Internal Standards						
1) Pentafluorobenzene	7.789	168	93243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	152842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51631	55.190	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 110.380%	
35) Dibromofluoromethane	7.722	113	51404	49.603	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 99.200%	
50) Toluene-d8	10.179	98	199392	51.070	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.483	95	67016	48.652	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 97.300%	
Target Compounds						
16) Acetone	3.948	43	4189	19.590	ug/l	90
18) Methyl Acetate	4.497	43	85	Below Cal	#	56
20) Methylene Chloride	4.716	84	3095	Below Cal	#	83
36) 1,1-Dichloropropene	7.789	75	7332	4.504	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9537	5.376	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	34309	42.776	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34309	95.441	ug/l #	7
91) 1,2-Dichlorobenzene	13.739	146	11326	5.208	ug/l	98
95) Naphthalene	15.239	128	3358	1.166	ug/l	98

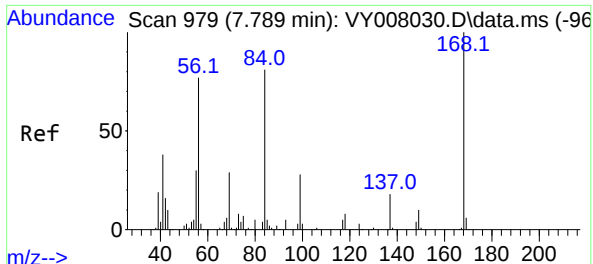
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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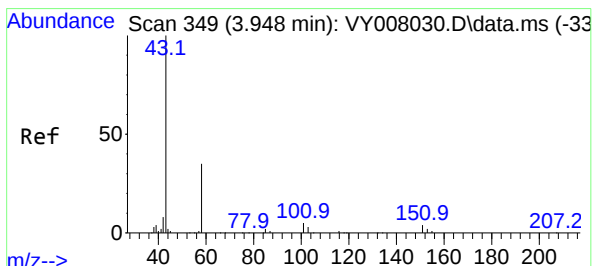
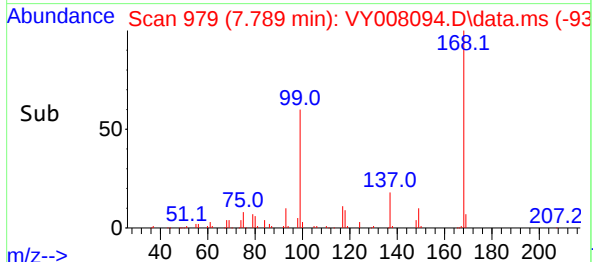
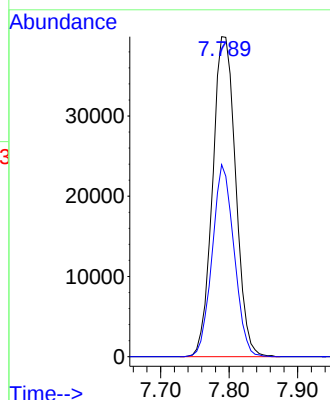
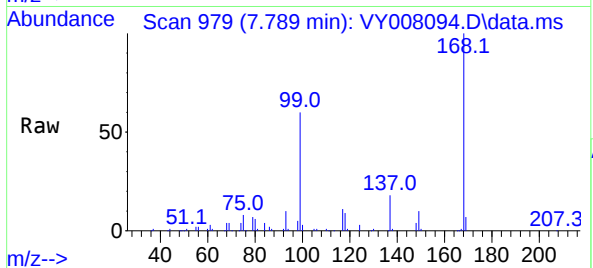




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

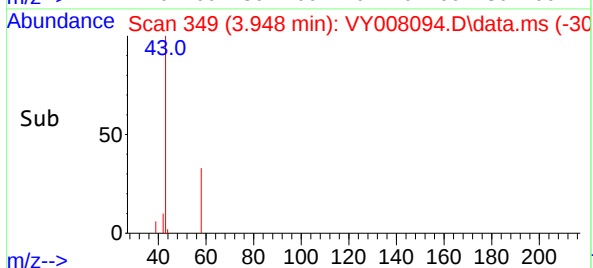
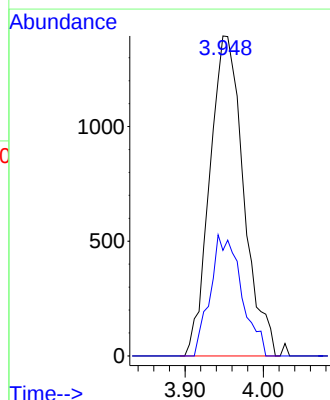
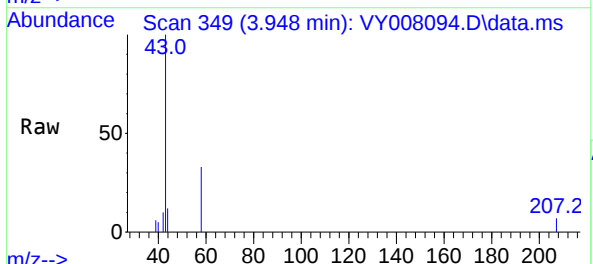
Instrument :
MSVOA_Y
ClientSampleId :

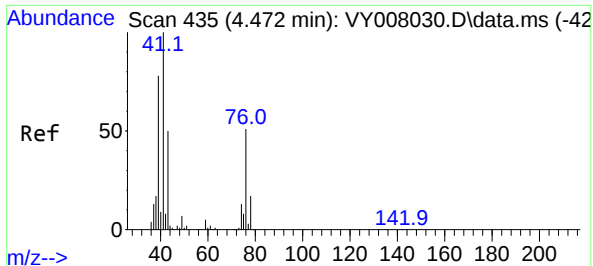
Tgt Ion:168 Resp: 93243
Ion Ratio Lower Upper
168 100
99 60.0 46.9 70.3



#16
Acetone
Concen: 19.590 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

Tgt Ion: 43 Resp: 4189
Ion Ratio Lower Upper
43 100
58 33.0 22.0 33.0

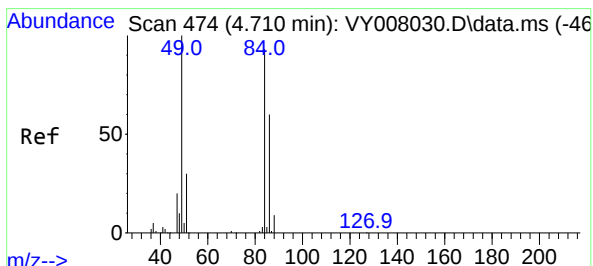
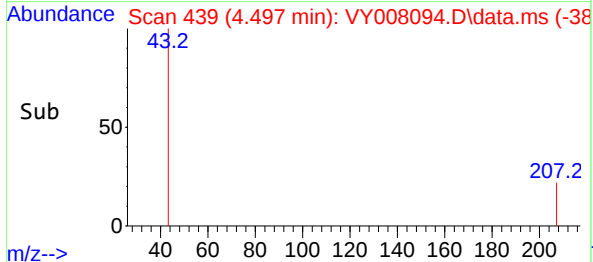
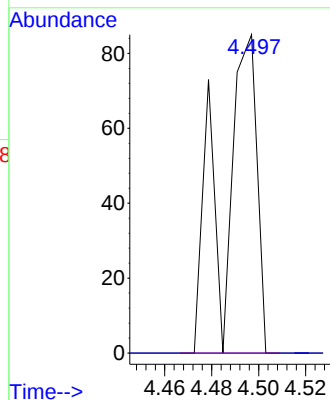
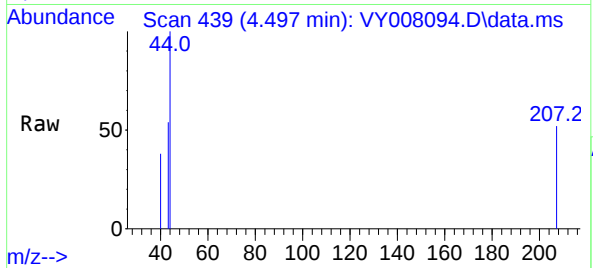




#18
Methyl Acetate
Concen: Below Cal
RT: 4.497 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

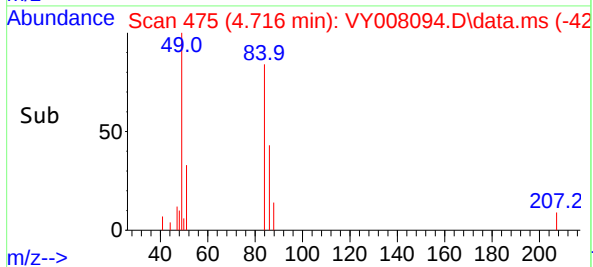
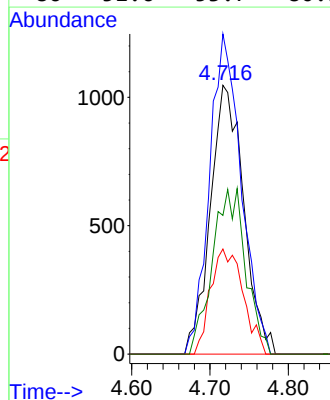
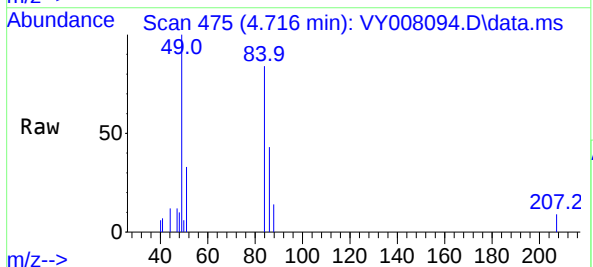
Instrument :
MSVOA_Y
ClientSampleId :

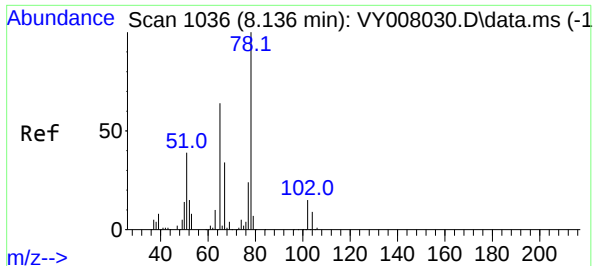
Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

Tgt Ion: 84 Resp: 3095
Ion Ratio Lower Upper
84 100
49 119.1 114.4 171.6
51 39.1 35.3 52.9
86 51.6 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 55.190 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008094.D

Acq: 29 Mar 2022 17:59

Instrument :

MSVOA_Y

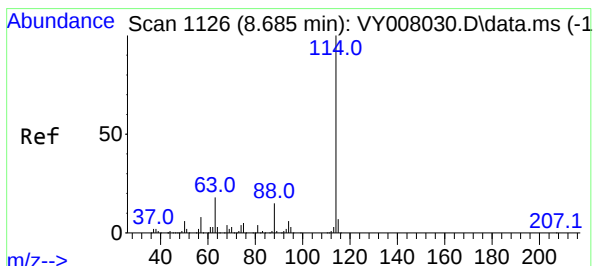
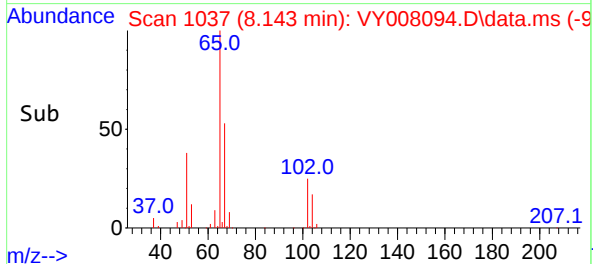
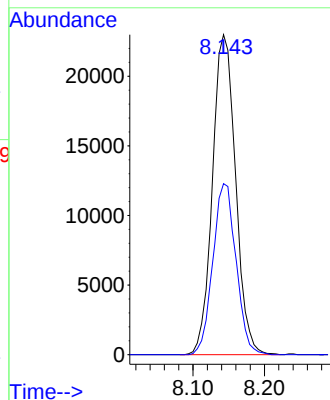
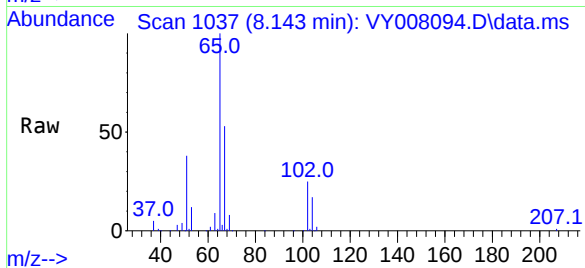
ClientSampleId :

Tgt Ion: 65 Resp: 51631

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008094.D

Acq: 29 Mar 2022 17:59

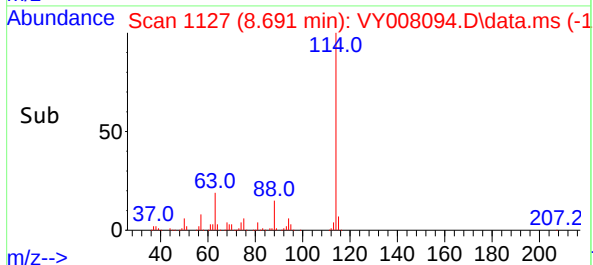
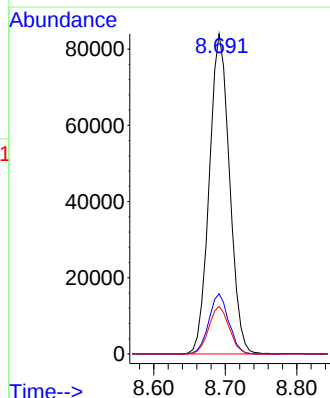
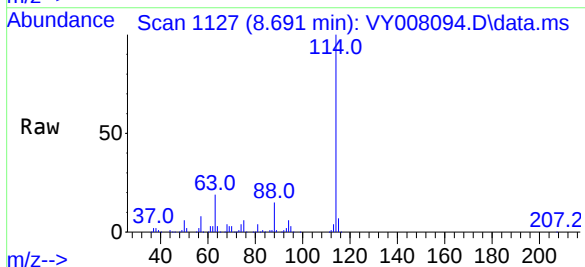
Tgt Ion: 114 Resp: 165287

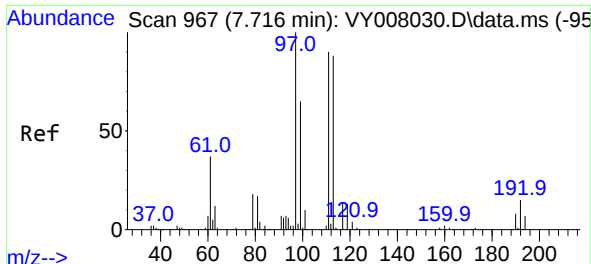
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.8 0.0 31.8

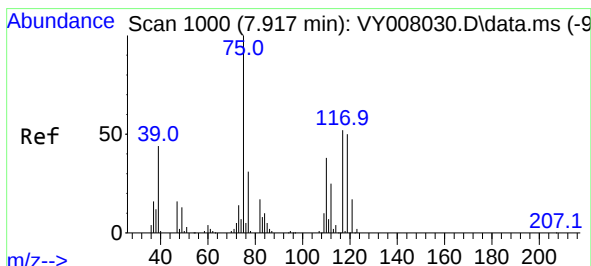
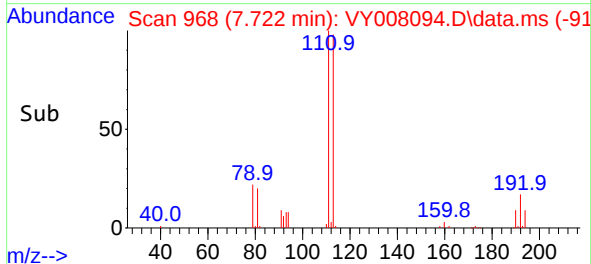
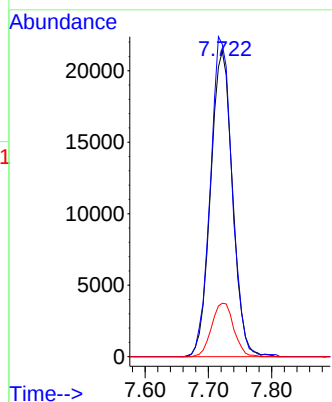
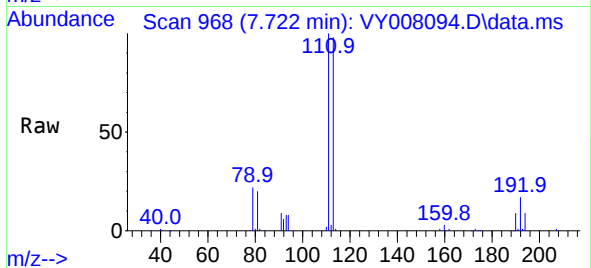




#35
Dibromofluoromethane
Concen: 49.603 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

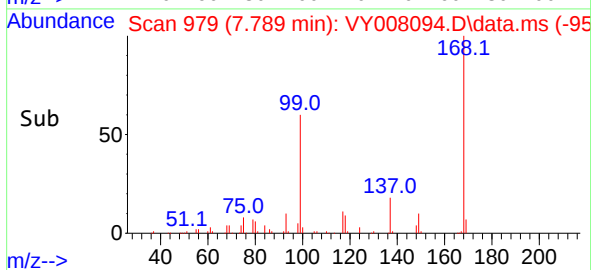
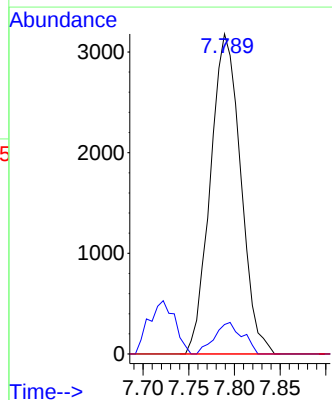
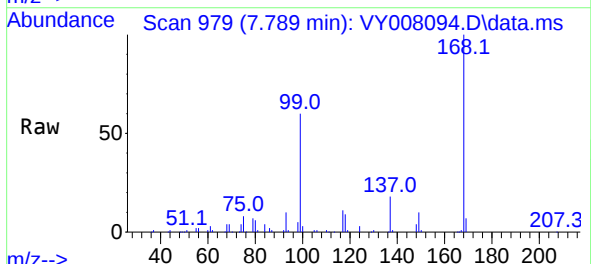
Instrument :
MSVOA_Y
ClientSampleId :

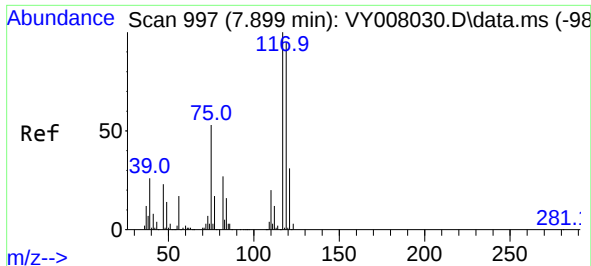
Tgt Ion:113 Resp: 51404
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 17.6 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

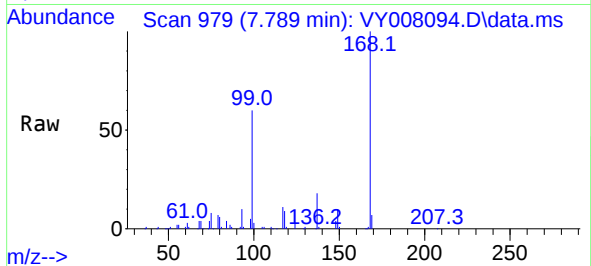
Tgt Ion: 75 Resp: 7332
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



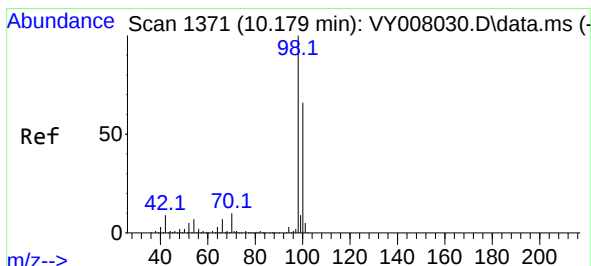
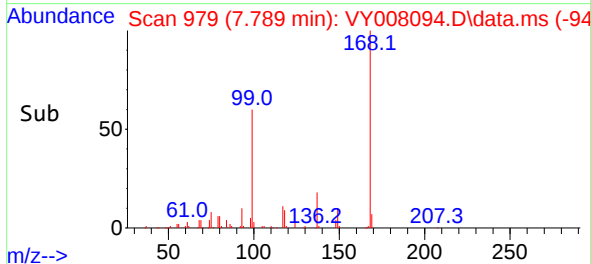
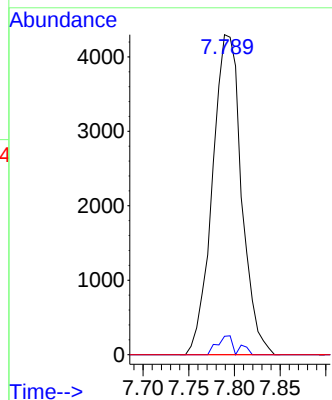


#38
Carbon Tetrachloride
Concen: 5.376 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

Instrument :
MSVOA_Y
ClientSampleId :

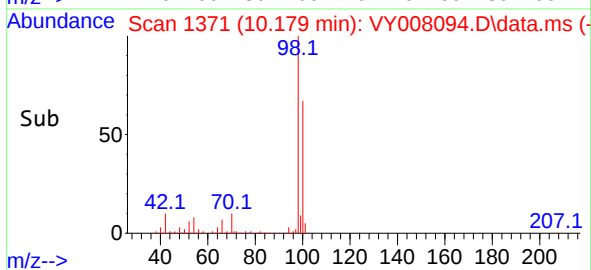
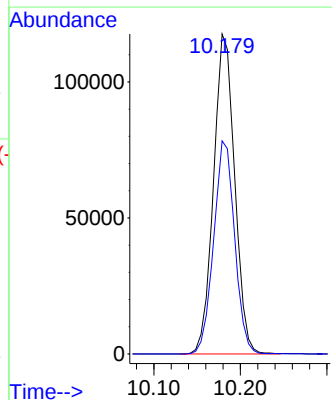
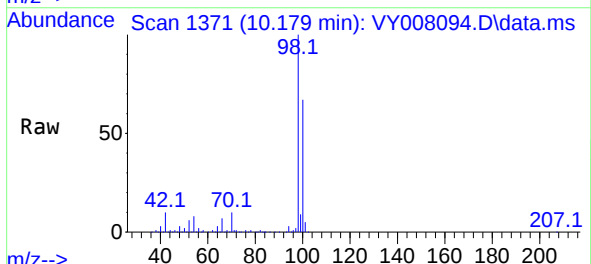


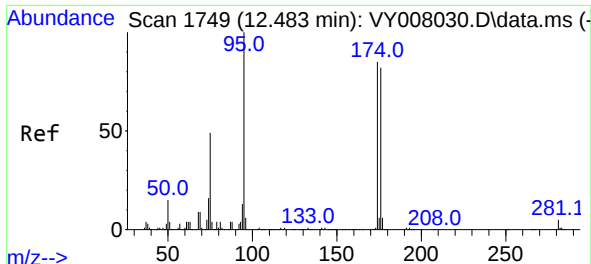
Tgt Ion:117 Resp: 9537
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.070 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

Tgt Ion: 98 Resp: 199392
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

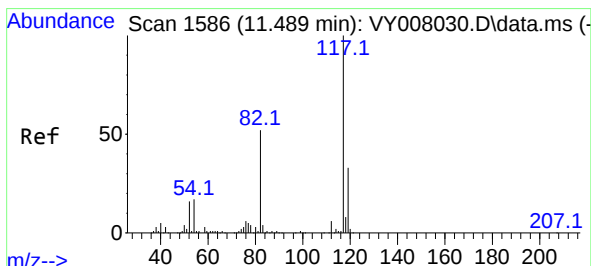
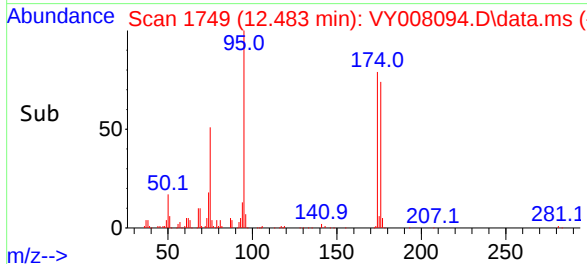
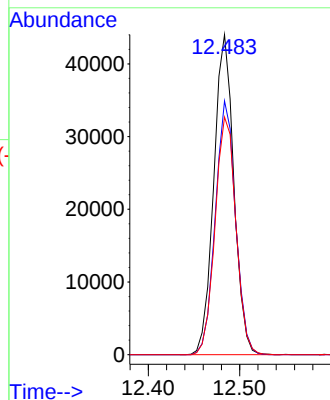
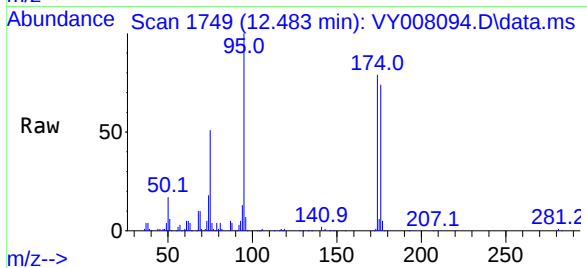




#62
4-Bromofluorobenzene
Concen: 48.652 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

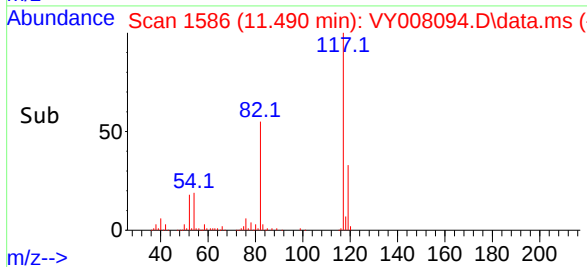
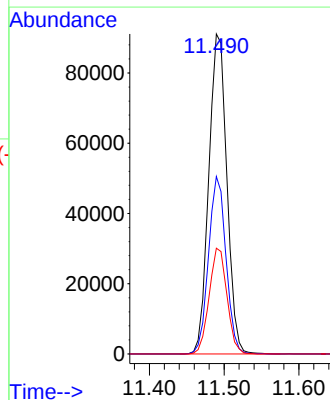
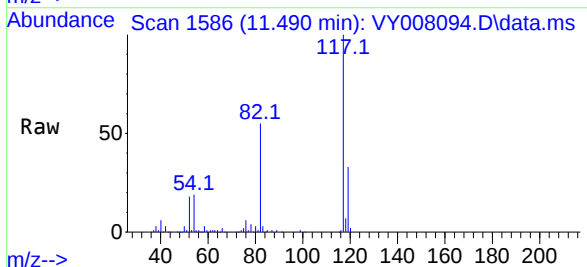
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ClientSampleId :

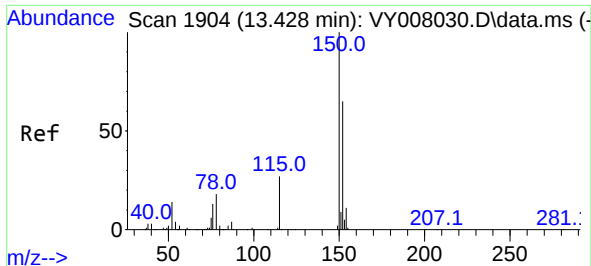
Tgt Ion: 95 Resp: 67016
Ion Ratio Lower Upper
95 100
174 80.0 0.0 177.0
176 77.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

Tgt Ion: 117 Resp: 152842
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 33.1 25.4 38.0

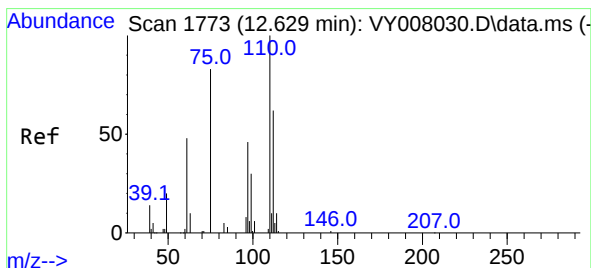
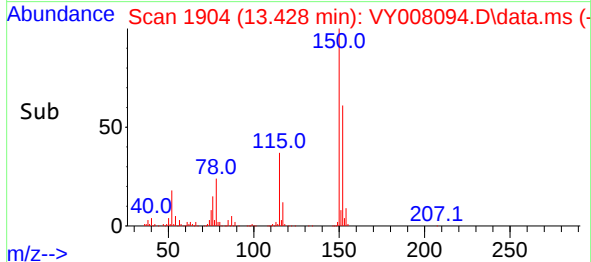
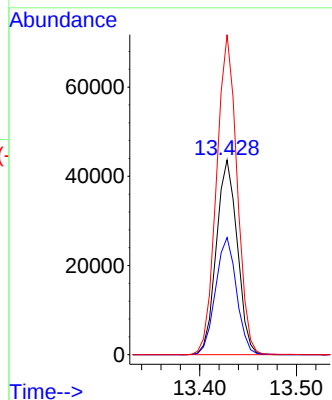
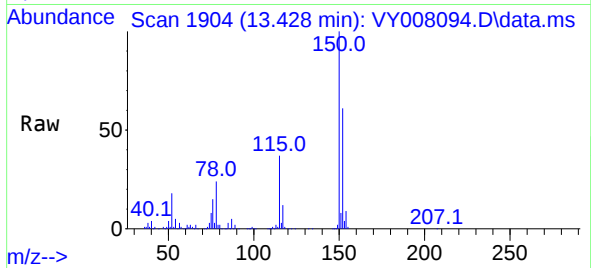




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008094.D
 Acq: 29 Mar 2022 17:59

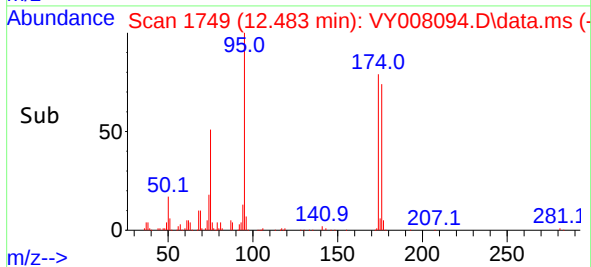
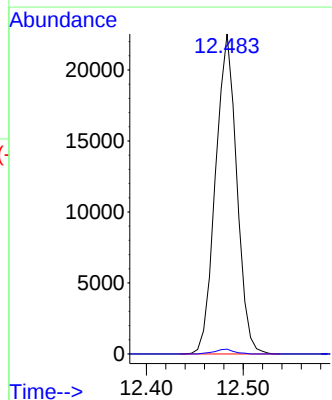
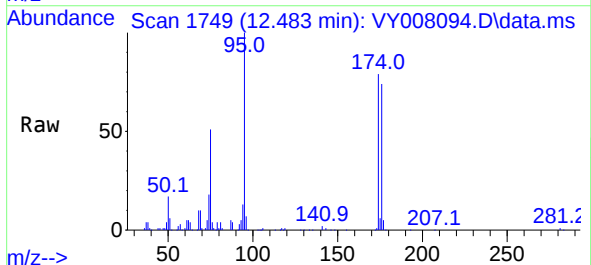
Instrument :
 MSVOA_Y
 ClientSampleId :

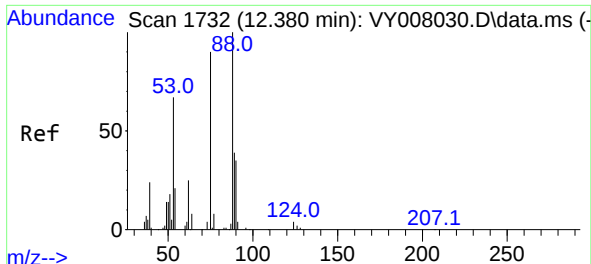
Tgt Ion:152 Resp: 65796
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.2 84.7
 150 160.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.776 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008094.D
 Acq: 29 Mar 2022 17:59

Tgt Ion: 75 Resp: 34309
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

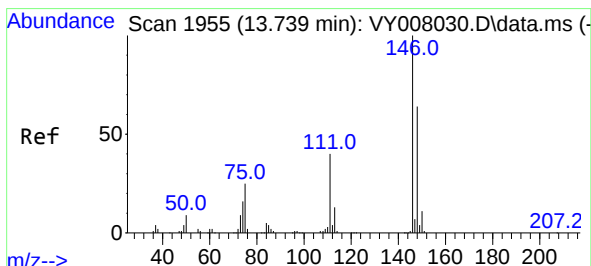
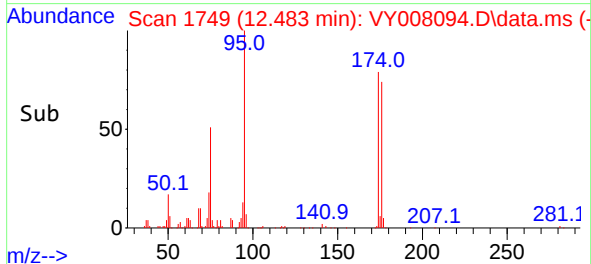
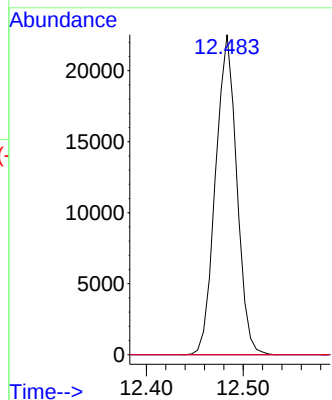
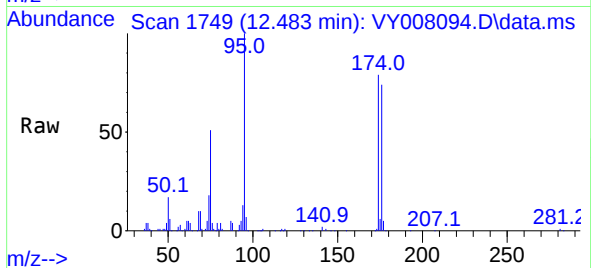




#81
trans-1,4-Dichloro-2-butene
Concen: 95.441 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

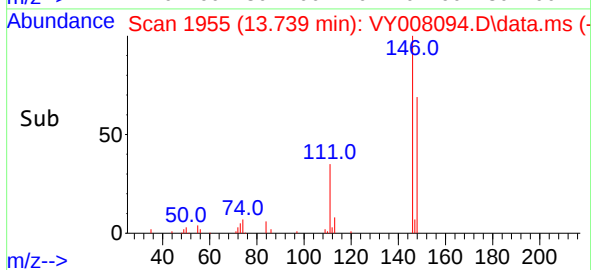
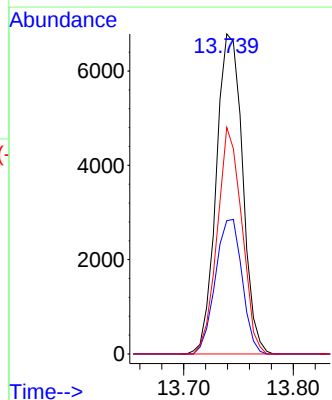
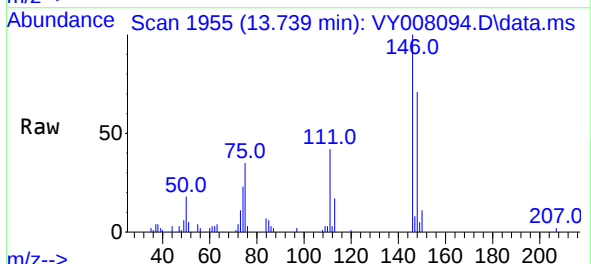
Instrument :
MSVOA_Y
ClientSampleId :

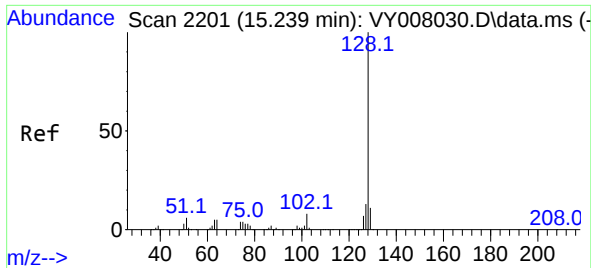
Tgt Ion: 75 Resp: 34309
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#91
1,2-Dichlorobenzene
Concen: 5.208 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008094.D
Acq: 29 Mar 2022 17:59

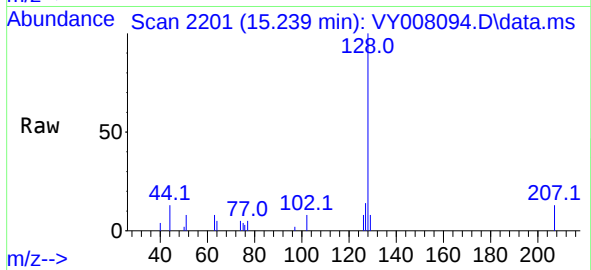
Tgt Ion:146 Resp: 11326
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.9
148 66.1 32.3 96.9





#95
 Naphthalene
 Concen: 1.166 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY008094.D
 Acq: 29 Mar 2022 17:59

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:128 Resp: 3358

Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.0	16.4
129	11.4	8.4	12.6

