

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005570.D
 Acq On : 06 Aug 2021 15:03
 Operator : SY/MD
 Sample : M3293-01RE
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 07 06:18:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

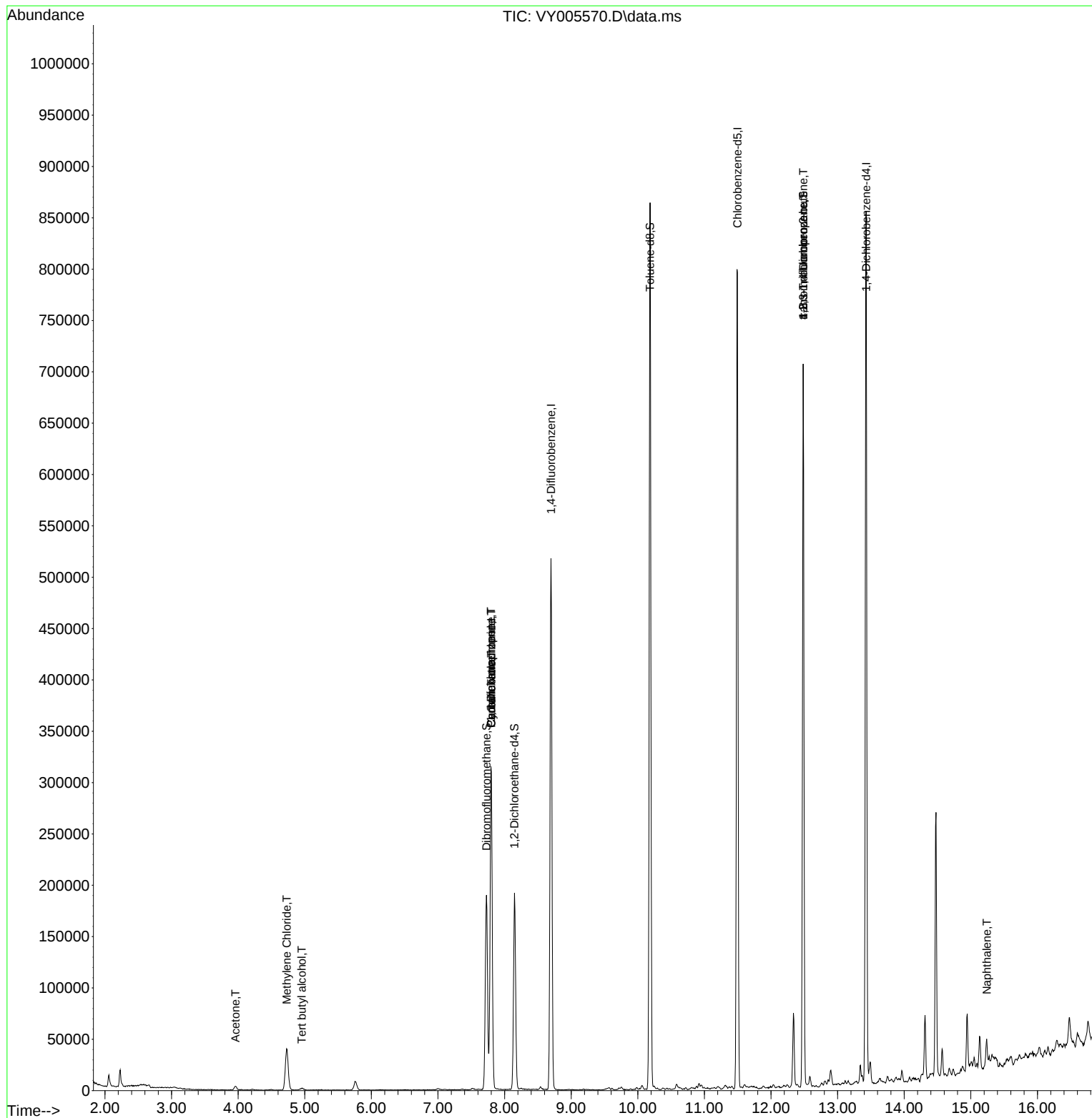
Internal Standards						
1) Pentafluorobenzene	7.801	168	254185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	436687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	435313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	218304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	150314	58.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.840%	
35) Dibromofluoromethane	7.728	113	131308	53.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.420%	
50) Toluene-d8	10.185	98	555246	54.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.483	95	198368	58.420	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	3223	12.671	ug/l #	77
16) Acetone	3.960	43	6584	10.149	ug/l	94
20) Methylene Chloride	4.729	84	29869	6.318	ug/l	92
31) Cyclohexane	7.801	56	5341	1.210	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	18368	4.485	ug/l #	50
38) Carbon Tetrachloride	7.801	117	23204	5.213	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	106924	47.264	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	106924	95.279	ug/l #	11
95) Naphthalene	15.239	128	22192	2.540	ug/l	99

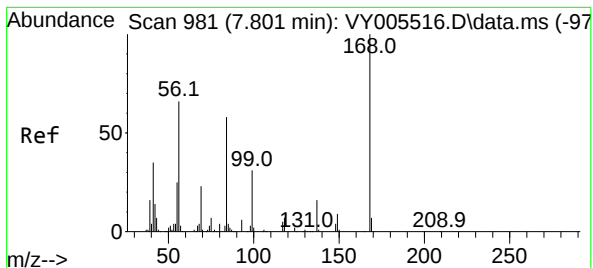
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 06:18:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY005570.D

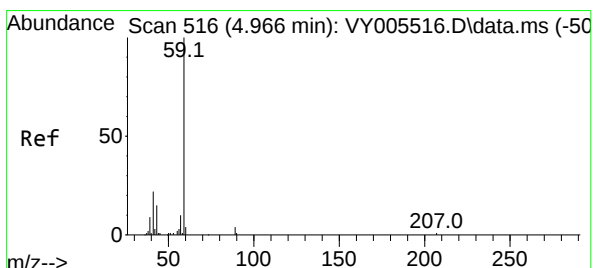
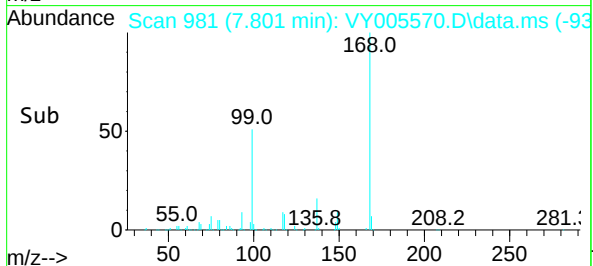
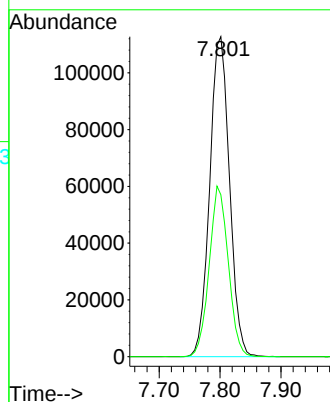
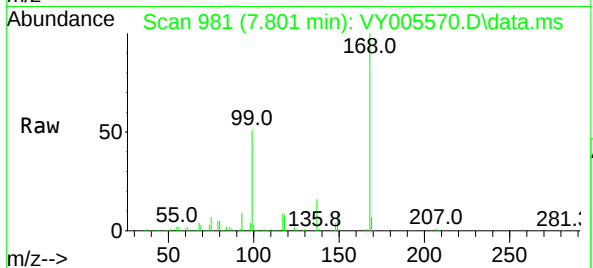
Acq: 06 Aug 2021 15:03

Tgt Ion:168 Resp: 254185

Ion Ratio Lower Upper

168 100

99 50.6 38.9 58.3



#11

Tert butyl alcohol

Concen: 12.671 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY005570.D

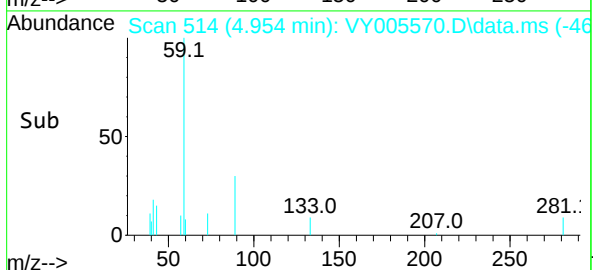
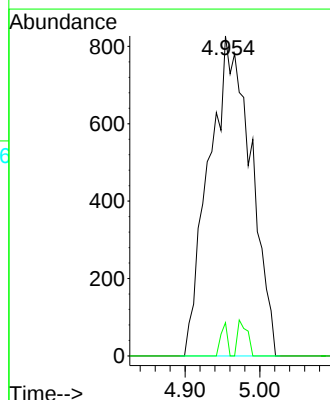
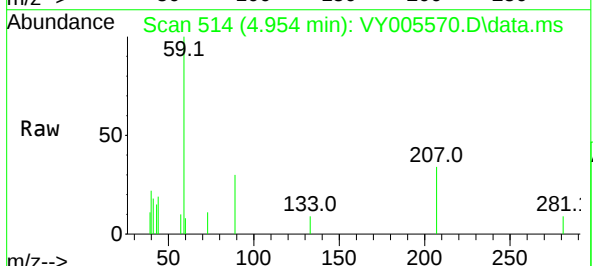
Acq: 06 Aug 2021 15:03

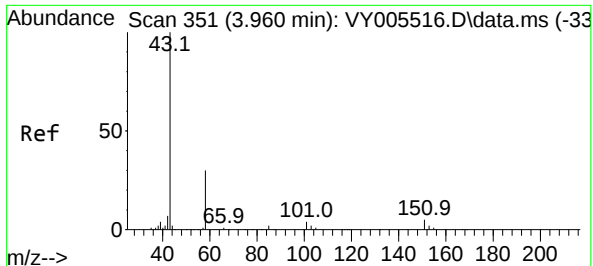
Tgt Ion: 59 Resp: 3223

Ion Ratio Lower Upper

59 100

57 1.6 8.0 12.0#

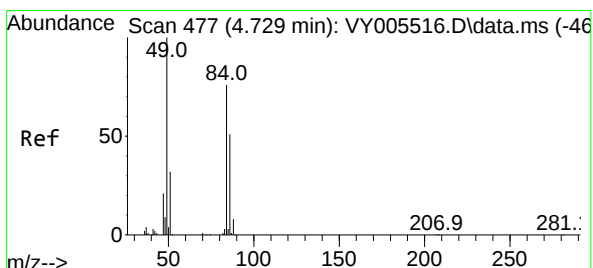
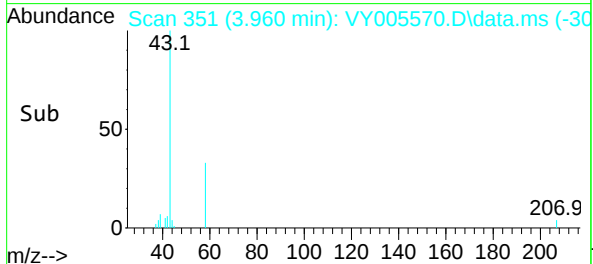
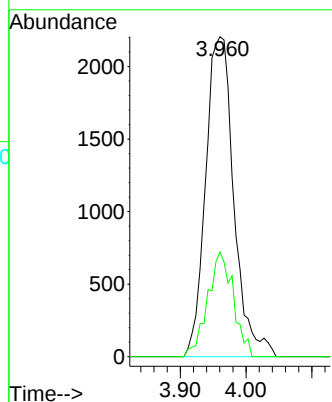
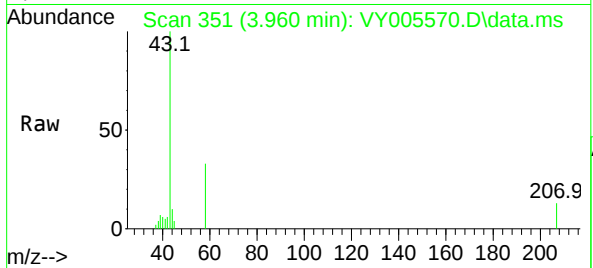




#16
Acetone
Concen: 10.149 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

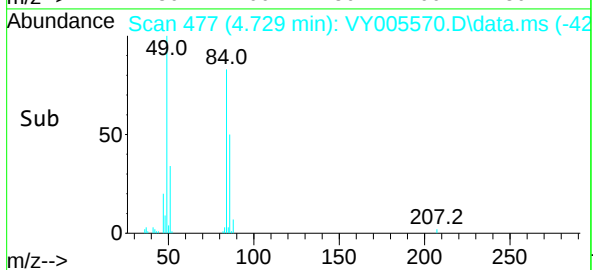
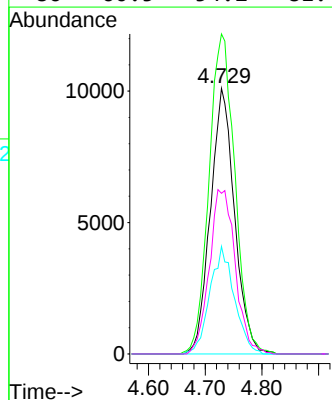
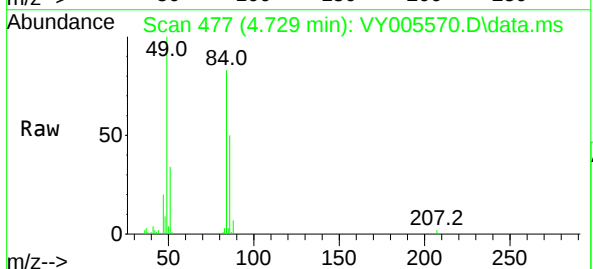
Instrument :
MSVOA_Y
ClientSampleId :

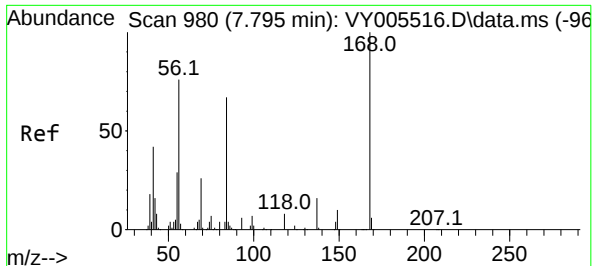
Tgt Ion: 43 Resp: 6584
Ion Ratio Lower Upper
43 100
58 32.7 23.8 35.6



#20
Methylene Chloride
Concen: 6.318 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

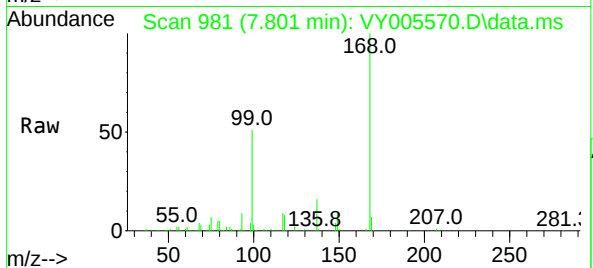
Tgt Ion: 84 Resp: 29869
Ion Ratio Lower Upper
84 100
49 120.4 105.8 158.6
51 40.5 33.4 50.2
86 60.5 54.2 81.4



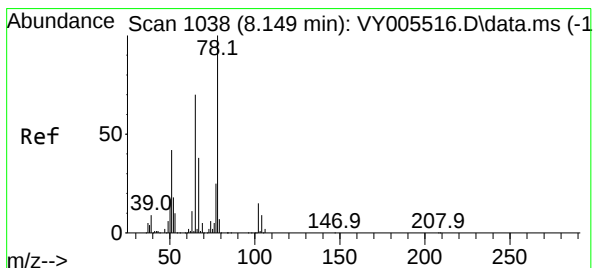
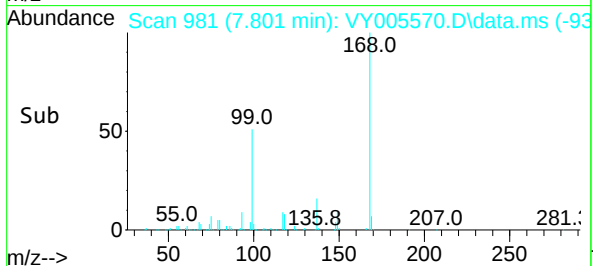
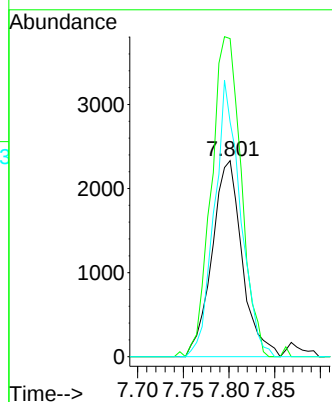


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

Instrument :
MSVOA_Y
ClientSampleId :

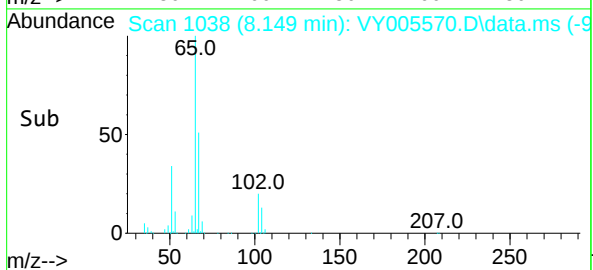
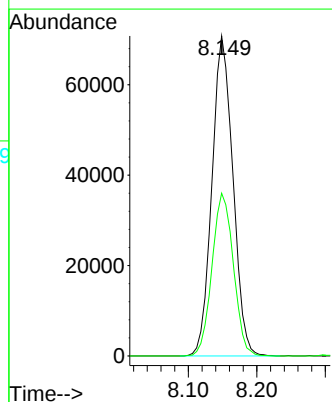
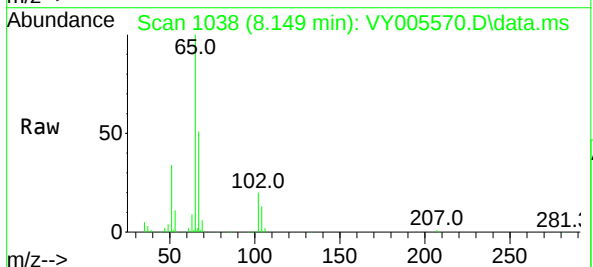


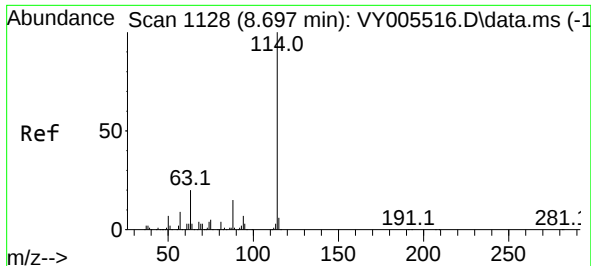
Tgt Ion: 56 Resp: 5341
Ion Ratio Lower Upper
56 100
69 162.2 27.7 41.5#
84 119.6 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 58.420 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

Tgt Ion: 65 Resp: 150314
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

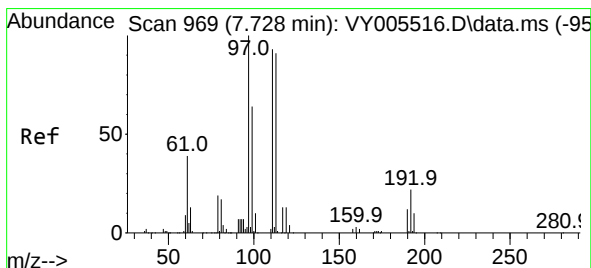
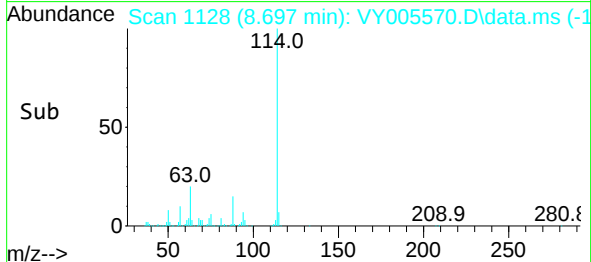
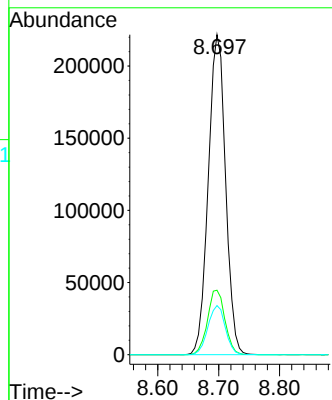
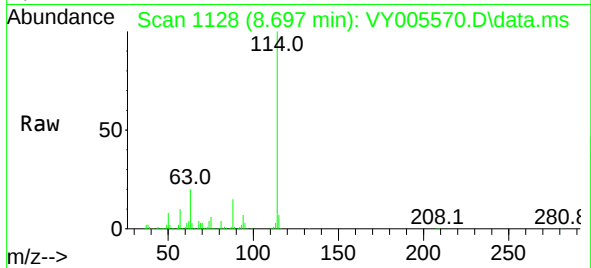




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

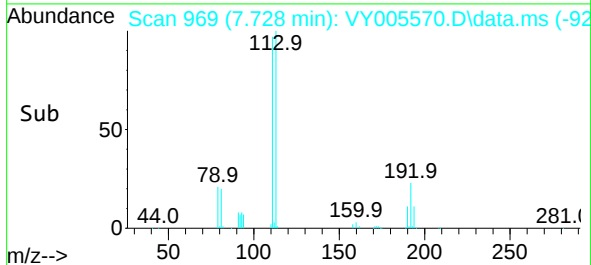
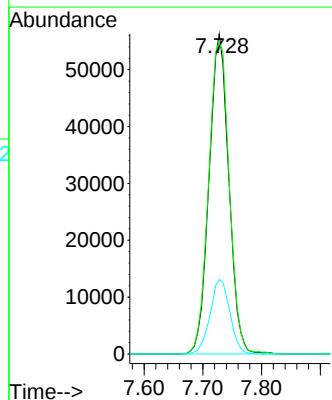
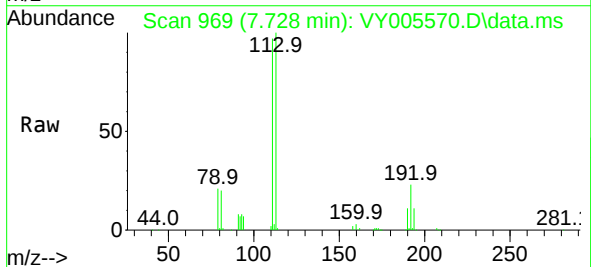
Instrument :
MSVOA_Y
ClientSampleId :

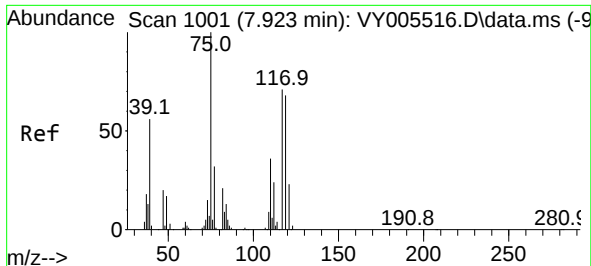
Tgt Ion:114 Resp: 436687
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.707 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

Tgt Ion:113 Resp: 131308
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 23.4 19.2 28.8

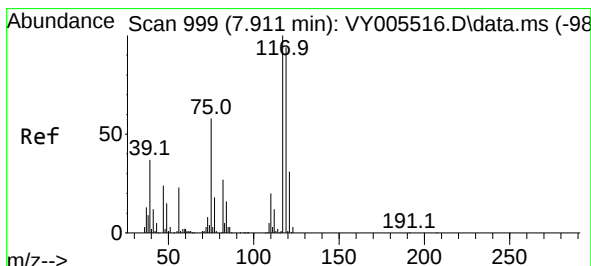
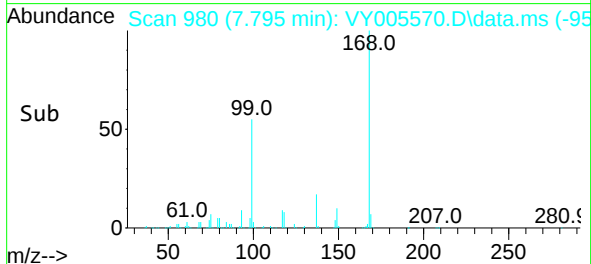
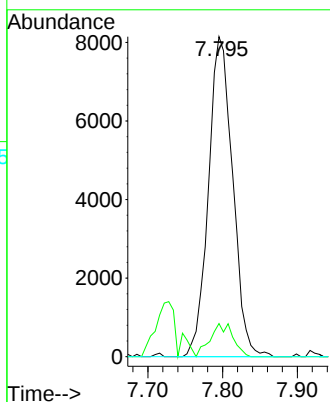
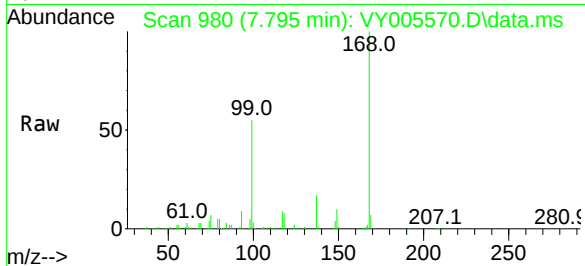




#36
1,1-Dichloropropene
Concen: 4.485 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

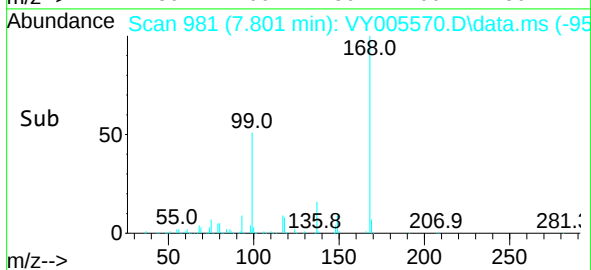
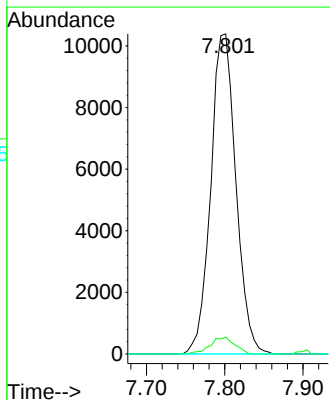
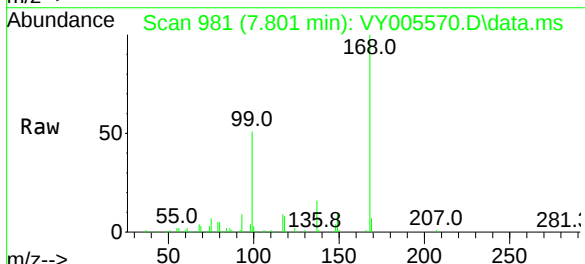
Instrument :
MSVOA_Y
ClientSampleId :

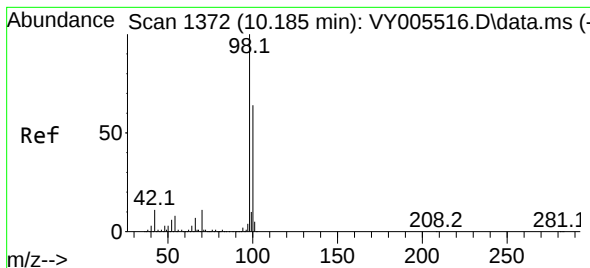
Tgt Ion: 75 Resp: 18368
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.213 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

Tgt Ion: 117 Resp: 23204
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.1 37.7#

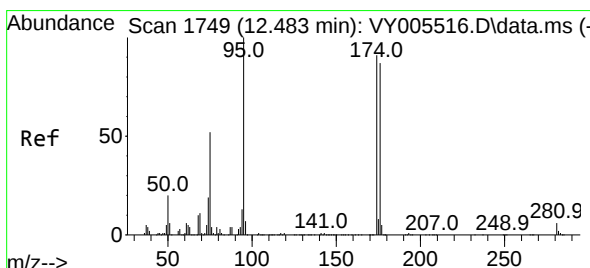
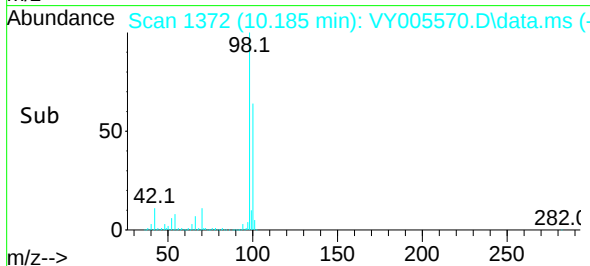
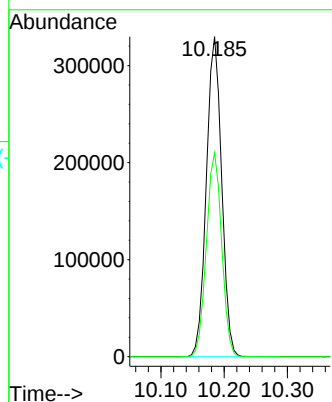
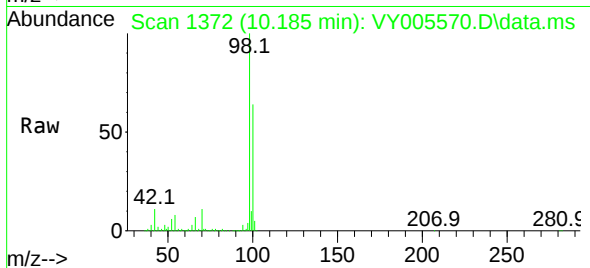




#50
Toluene-d8
Concen: 54.150 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

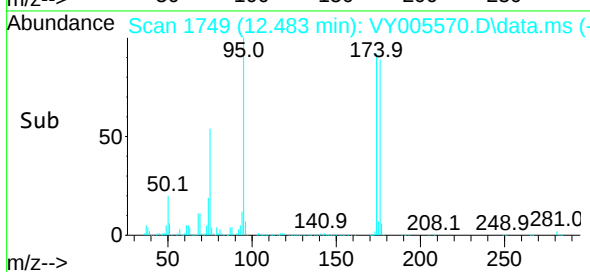
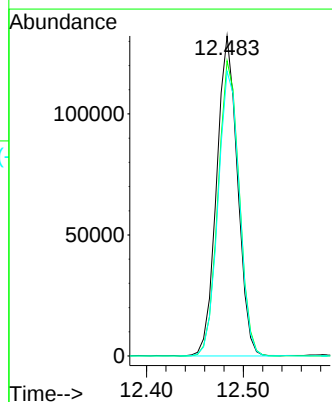
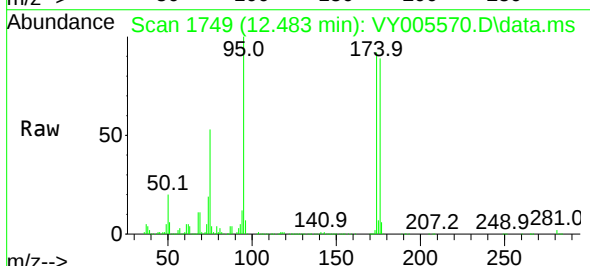
Instrument :
MSVOA_Y
ClientSampled :

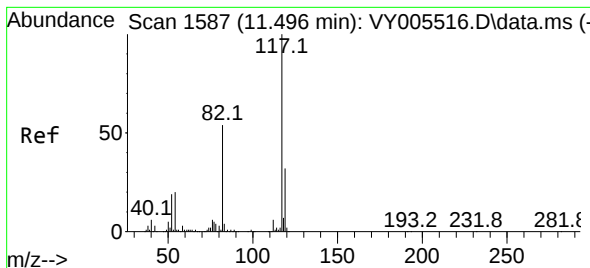
Tgt Ion: 98 Resp: 555246
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

Tgt Ion: 95 Resp: 198368
Ion Ratio Lower Upper
95 100
174 93.2 0.0 191.4
176 90.3 0.0 183.6

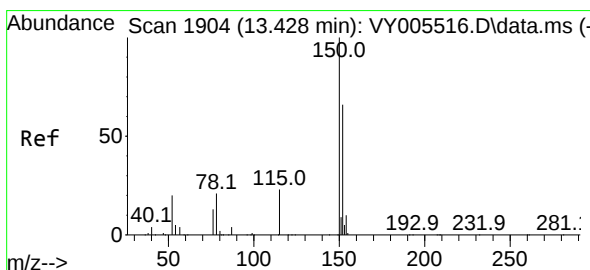
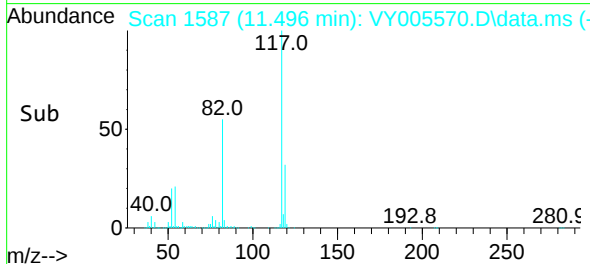
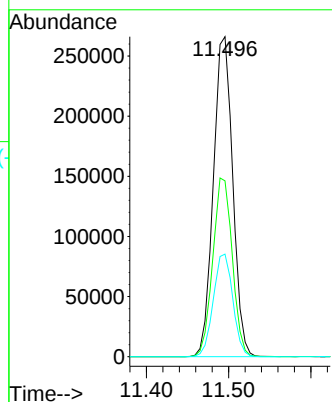
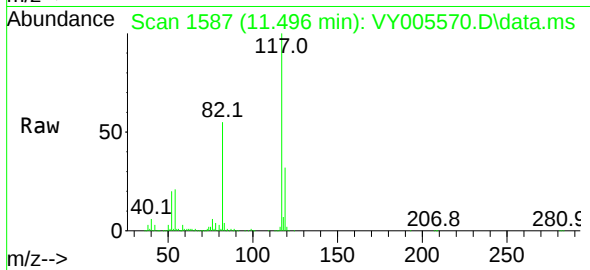




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

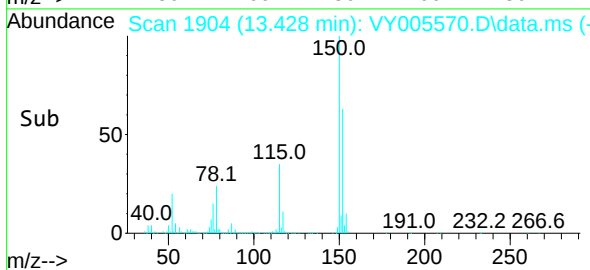
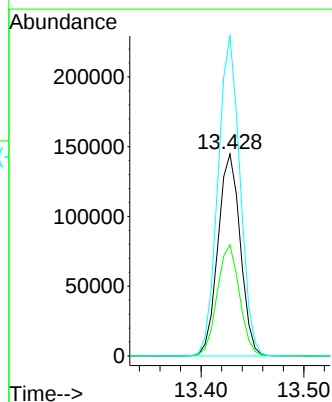
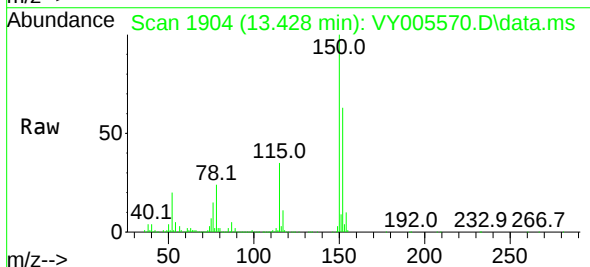
Instrument :
MSVOA_Y
ClientSampleId :

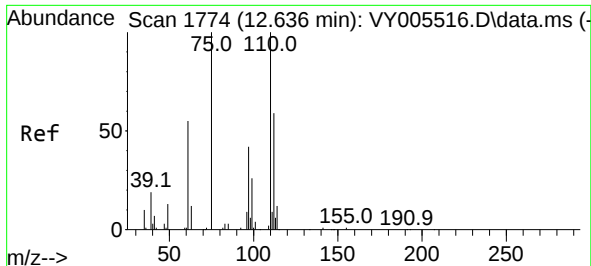
Tgt Ion:117 Resp: 435313
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

Tgt Ion:152 Resp: 218304
Ion Ratio Lower Upper
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115 55.1 27.3 81.9
150 156.6 0.0 350.2

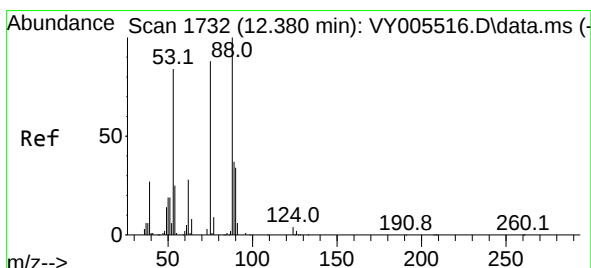
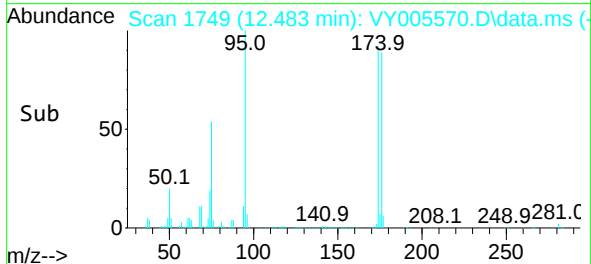
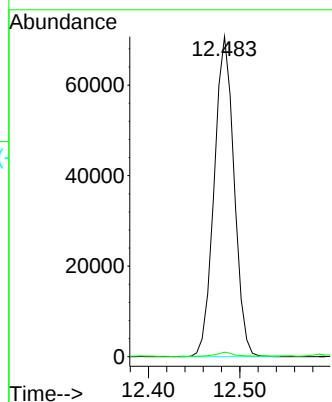
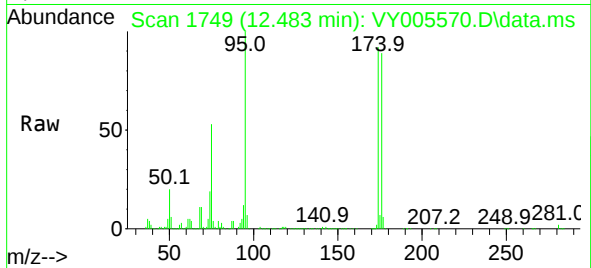




#76
1,2,3-Trichloropropane
Concen: 47.264 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

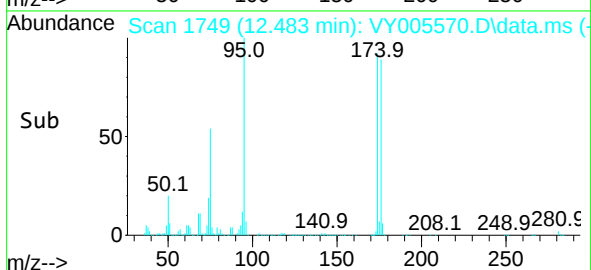
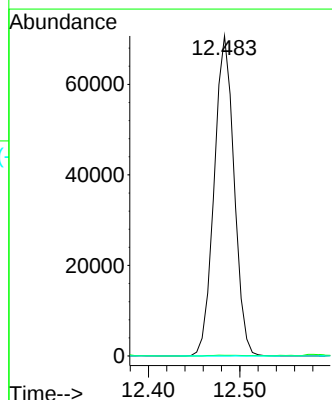
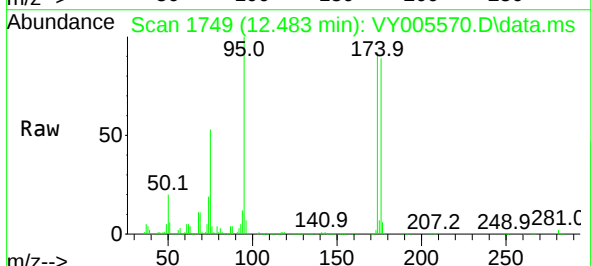
Instrument :
MSVOA_Y
ClientSampled :

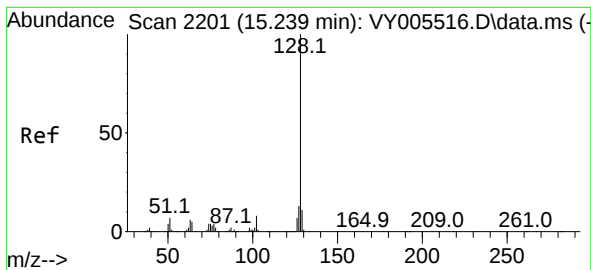
Tgt Ion: 75 Resp: 106924
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.279 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

Tgt Ion: 75 Resp: 106924
Ion Ratio Lower Upper
75 100
53 0.3 76.7 115.1#
89 0.0 38.4 57.6#





#95
Naphthalene
Concen: 2.540 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005570.D
Acq: 06 Aug 2021 15:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 22192
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.1 8.7 13.1

