

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005674.D
 Acq On : 16 Aug 2021 16:41
 Operator : SY/MD
 Sample : M3431-05
 Misc : 6.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5

Quant Time: Aug 17 05:20:03 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)

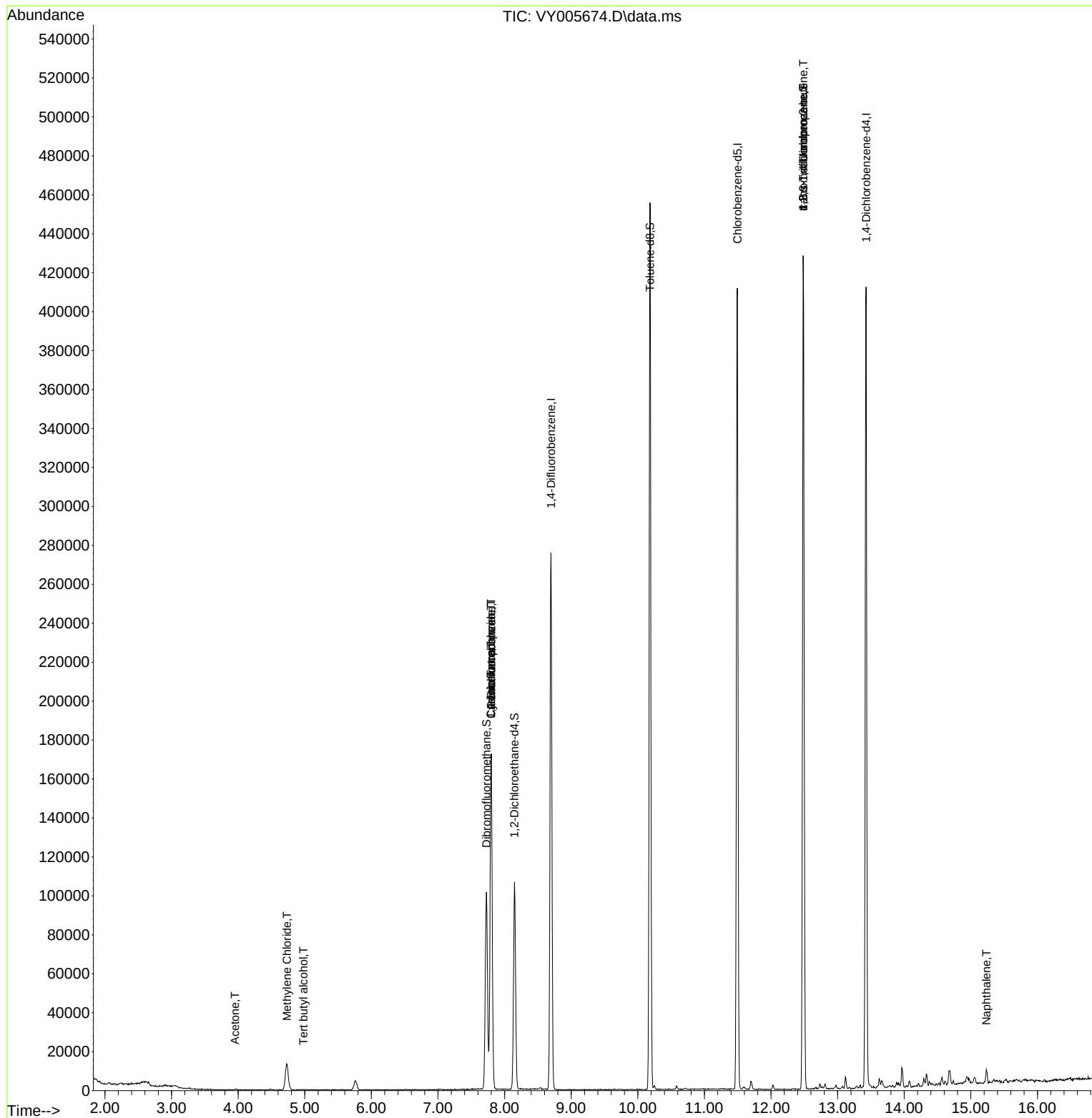
Internal Standards						
1) Pentafluorobenzene	7.801	168	138616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84093	59.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.860%	
35) Dibromofluoromethane	7.728	113	67388	52.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.185	98	289805	53.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.840%	
62) 4-Bromofluorobenzene	12.483	95	95999	53.939	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	196	1.413	ug/l #	73
16) Acetone	3.954	43	643	1.818	ug/l #	86
20) Methylene Chloride	4.735	84	9998	1.212	ug/l	83
31) Cyclohexane	7.795	56	2698	1.121	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	10499	4.890	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12339	5.288	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	54105	48.877	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54105	98.529	ug/l #	11
95) Naphthalene	15.233	128	5067	1.185	ug/l	99

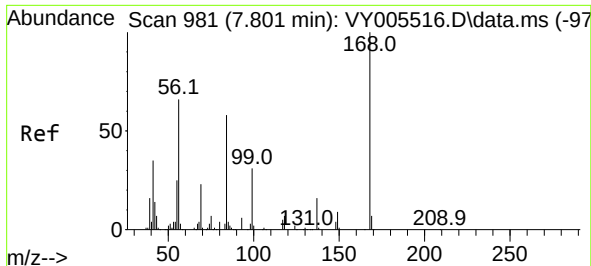
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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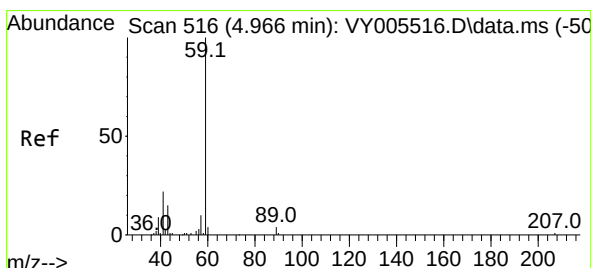
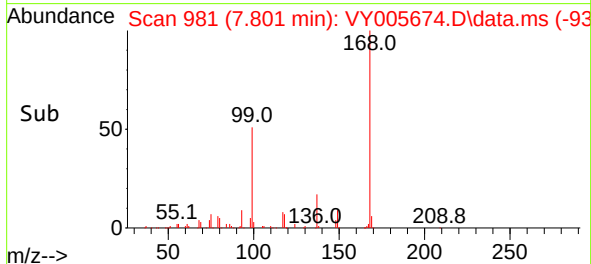
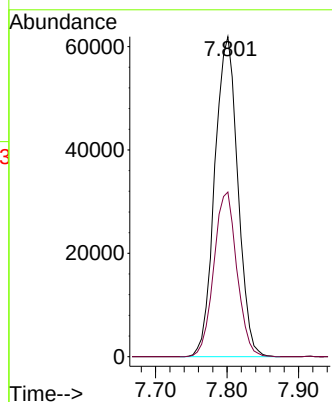
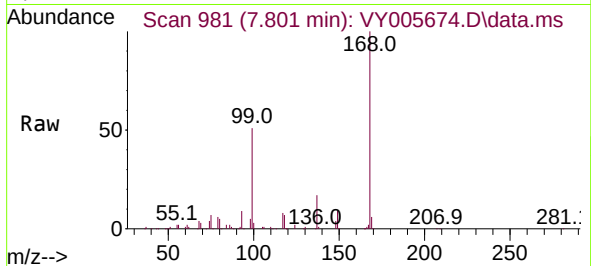




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

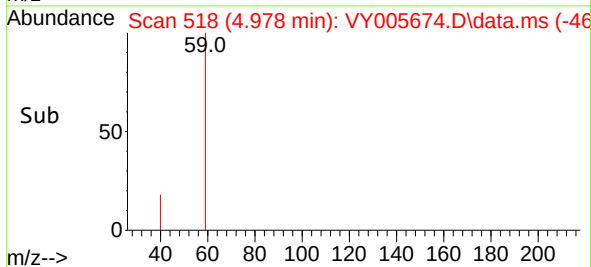
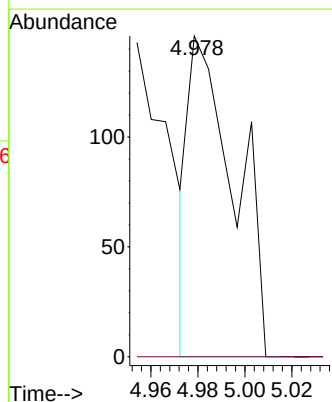
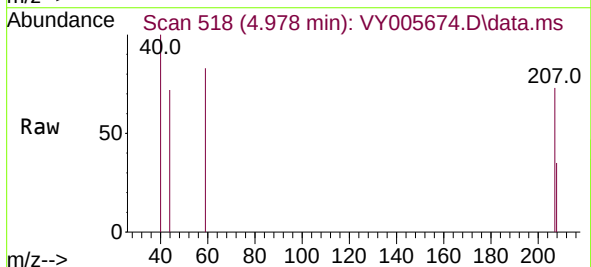
Instrument :
MSVOA_Y
ClientSampleId :
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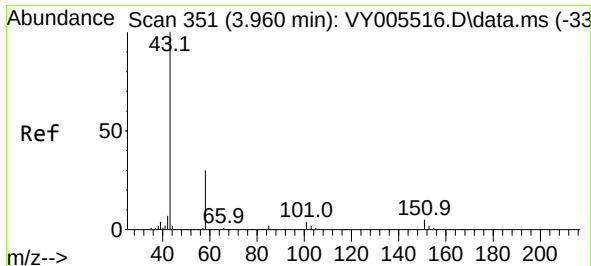
Tgt Ion:168 Resp: 138616
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.413 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

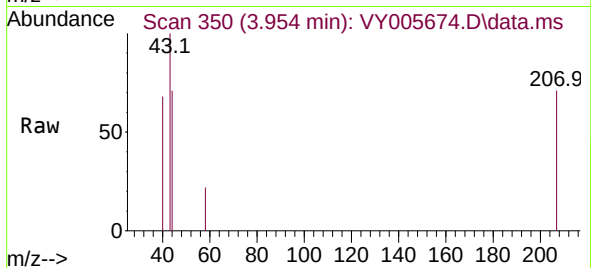
Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



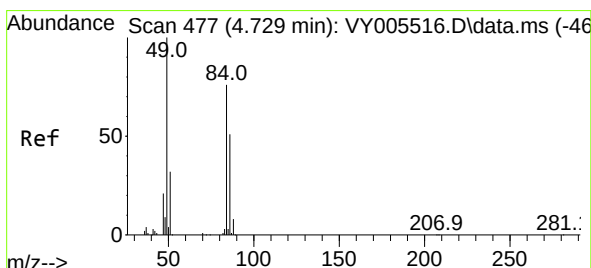
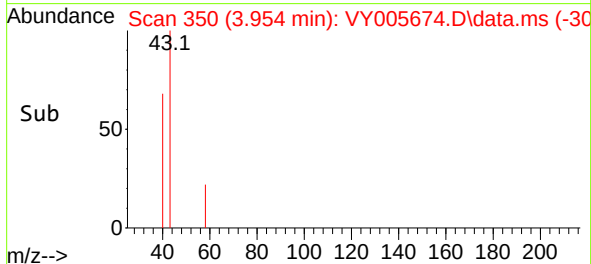
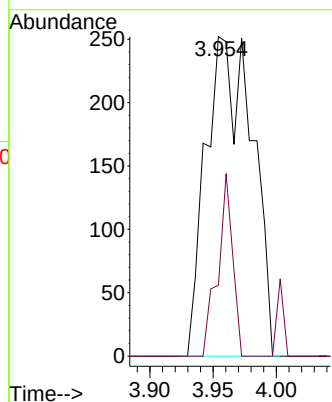


#16
Acetone
Concen: 1.818 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Instrument :
MSVOA_Y
ClientSampleId :
5

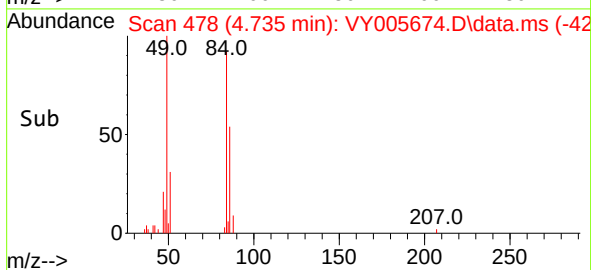
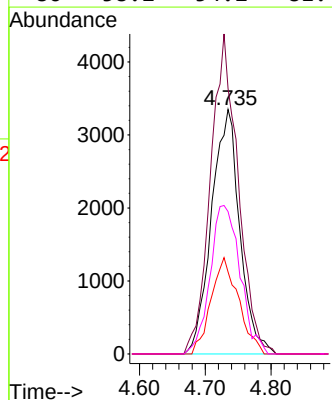
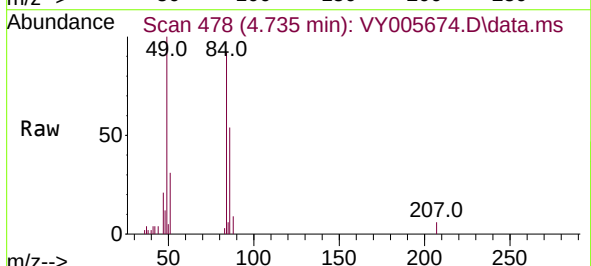


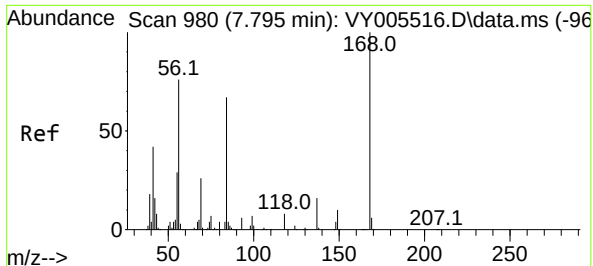
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 22.2 23.8 35.6#



#20
Methylene Chloride
Concen: 1.212 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion: 84 Resp: 9998
Ion Ratio Lower Upper
84 100
49 108.6 105.8 158.6
51 33.6 33.4 50.2
86 58.2 54.2 81.4

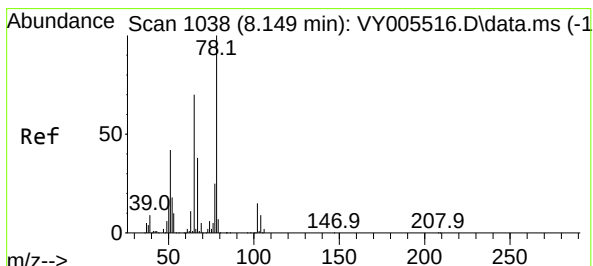
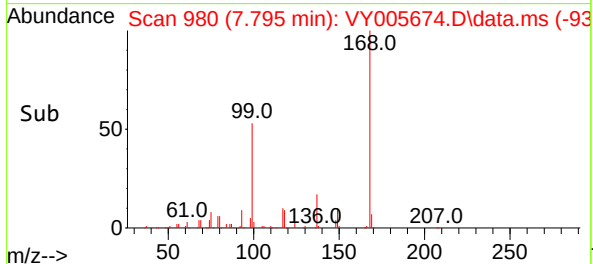
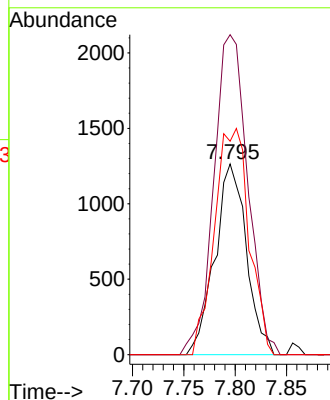
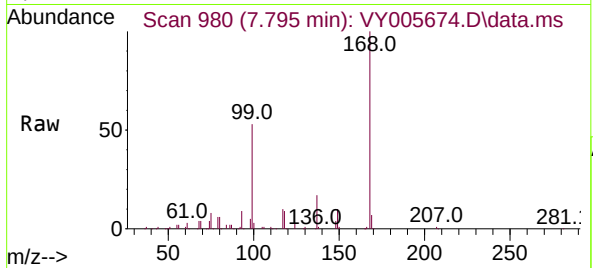




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

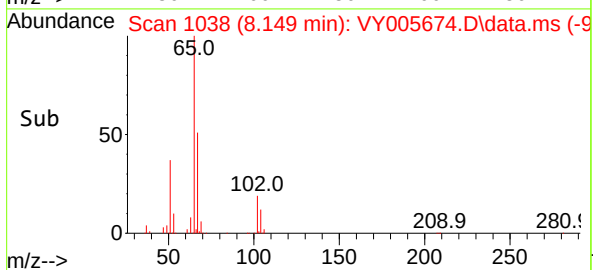
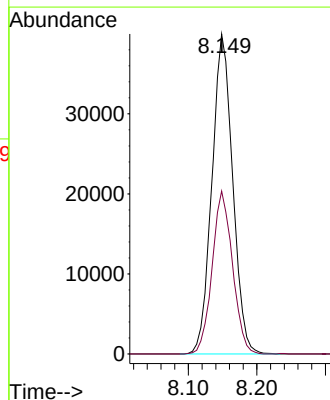
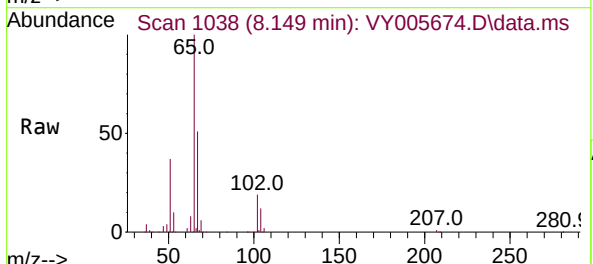
Instrument :
MSVOA_Y
ClientSampleId :
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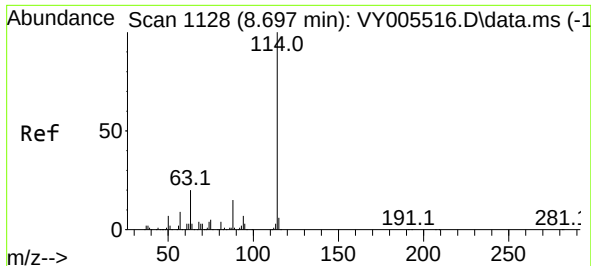
Tgt Ion: 56 Resp: 2698
Ion Ratio Lower Upper
56 100
69 167.8 27.7 41.5#
84 111.9 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 59.932 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion: 65 Resp: 84093
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4

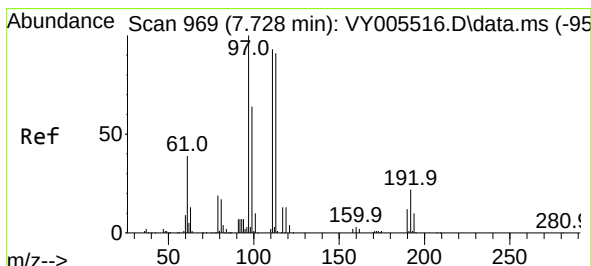
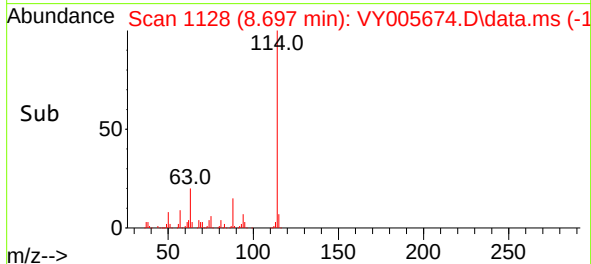
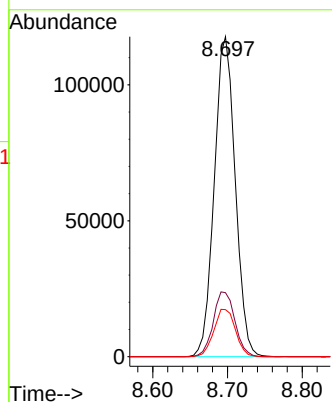
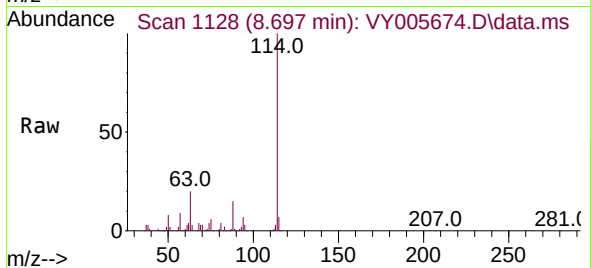




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

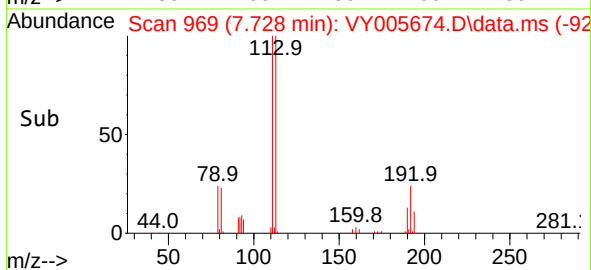
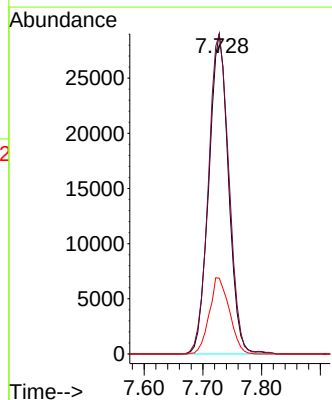
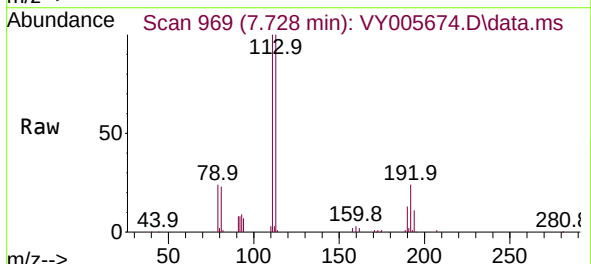
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ClientSampleId :
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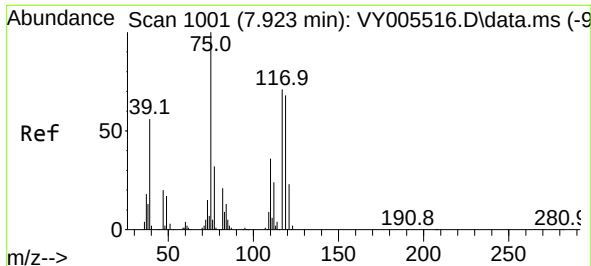
Tgt Ion:114 Resp: 228890
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.585 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion:113 Resp: 67388
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 24.3 19.2 28.8

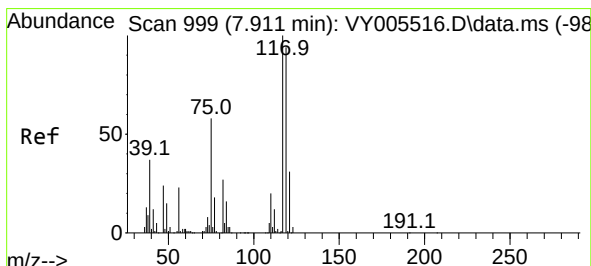
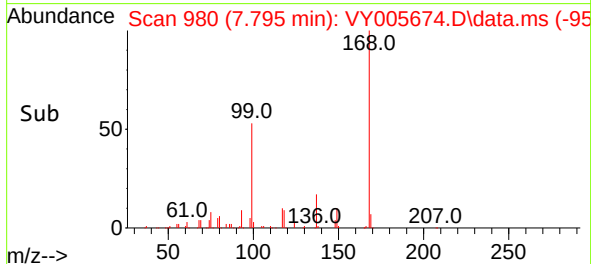
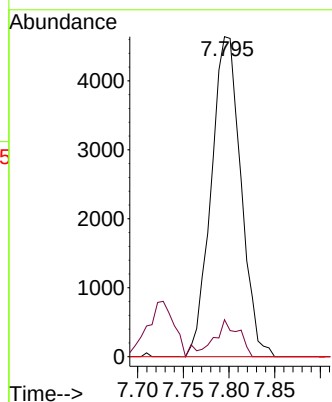
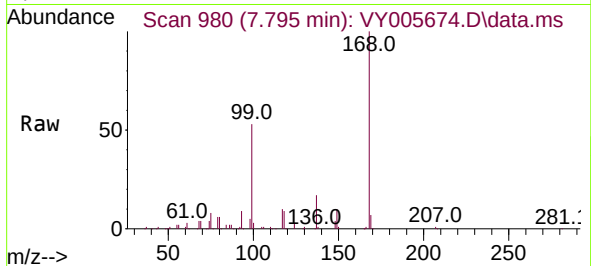




#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

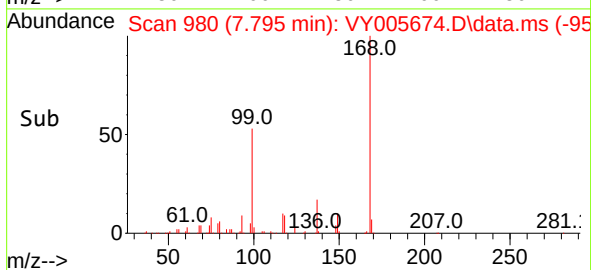
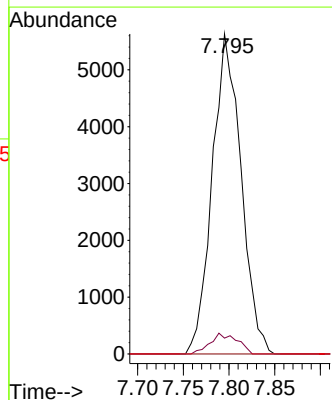
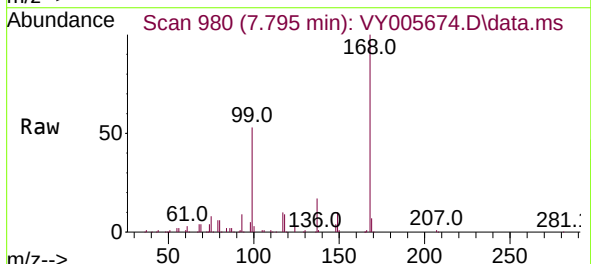
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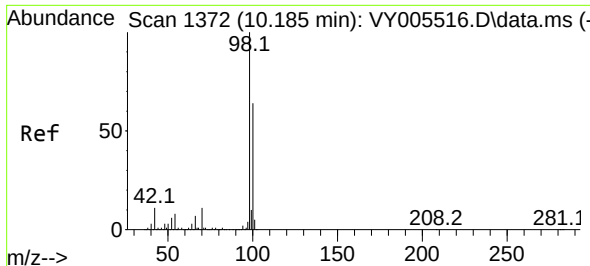
Tgt Ion: 75 Resp: 10499
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.288 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion: 117 Resp: 12339
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.0#
121 0.0 25.1 37.7#

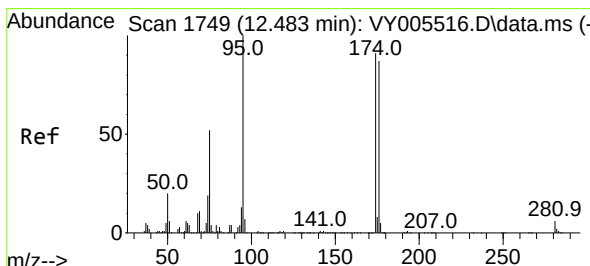
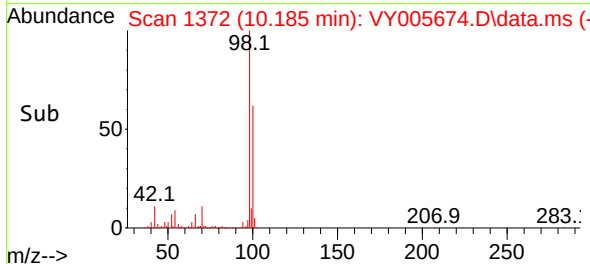
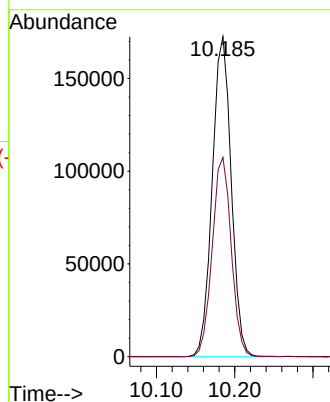
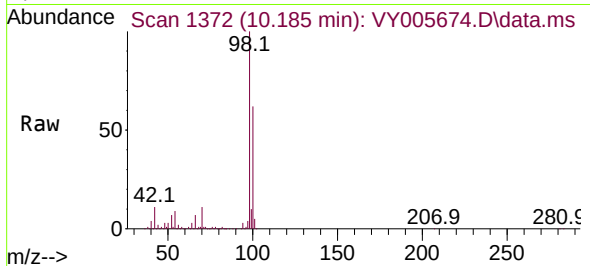




#50
Toluene-d8
Concen: 53.922 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

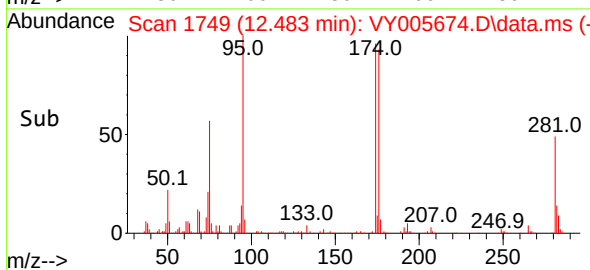
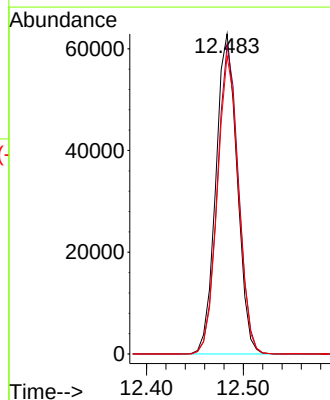
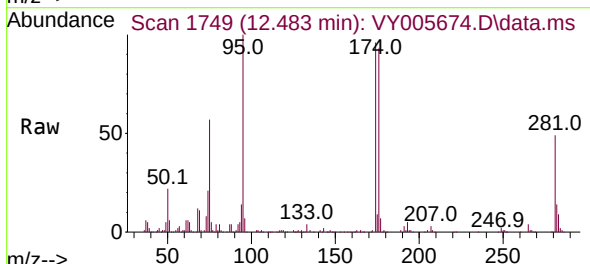
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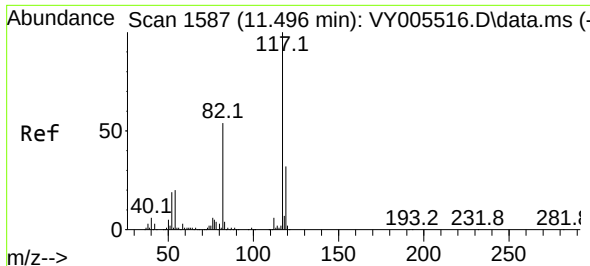
Tgt Ion: 98 Resp: 289805
Ion Ratio Lower Upper
98 100
100 62.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 53.939 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion: 95 Resp: 95999
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.4
176 92.5 0.0 183.6

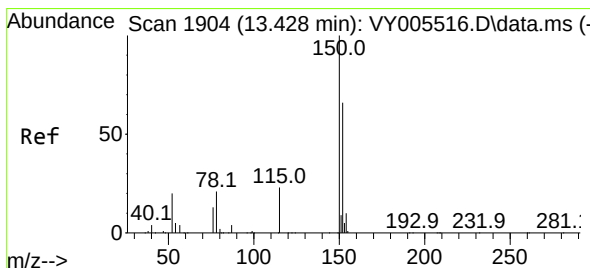
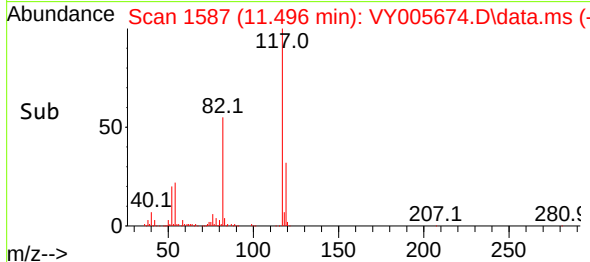
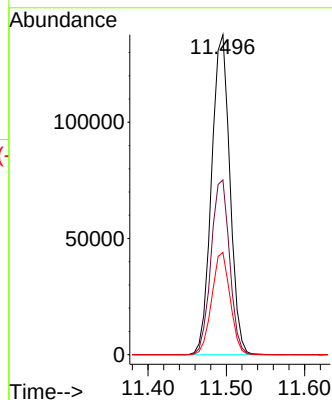
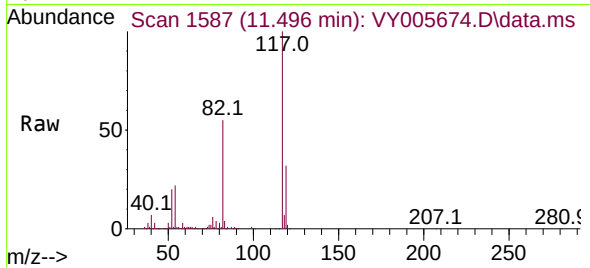




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

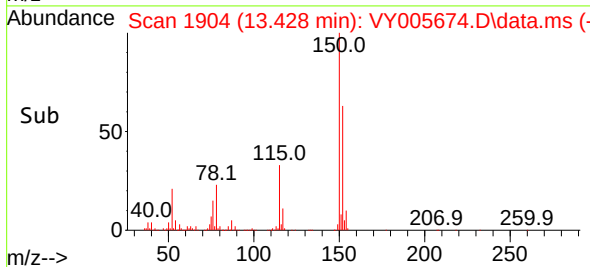
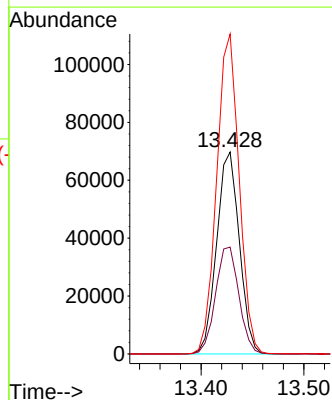
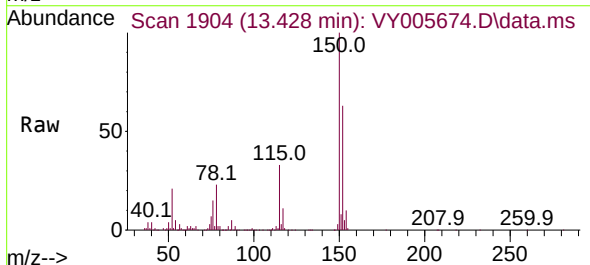
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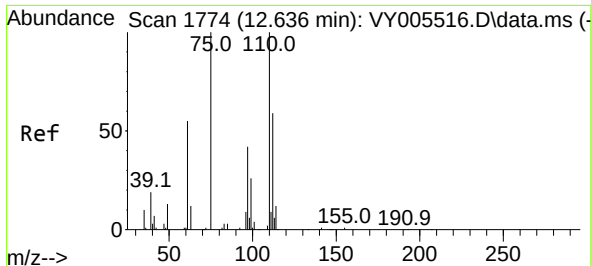
Tgt Ion:117 Resp: 223724
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Tgt Ion:152 Resp: 106821
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 156.9 0.0 350.2

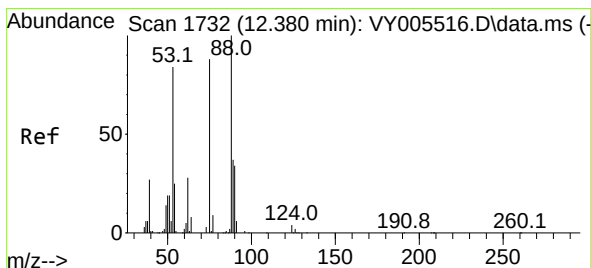
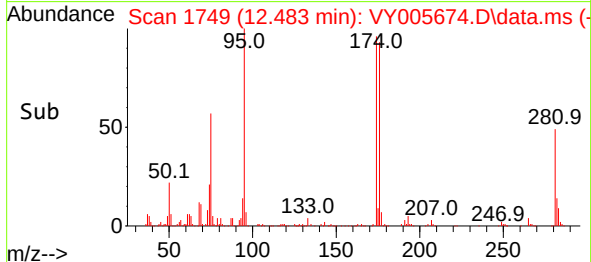
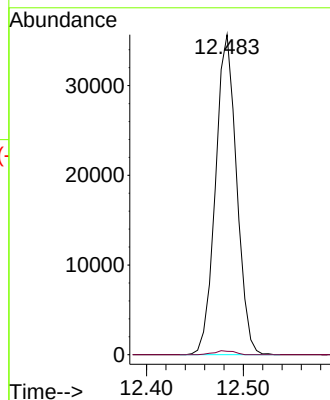
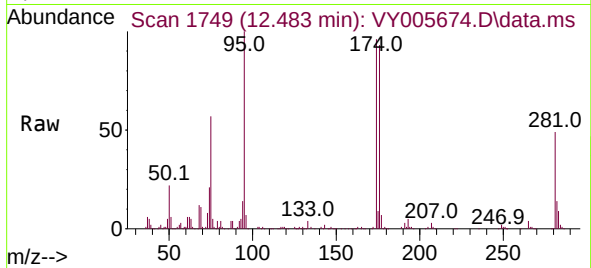




#76
1,2,3-Trichloropropane
Concen: 48.877 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

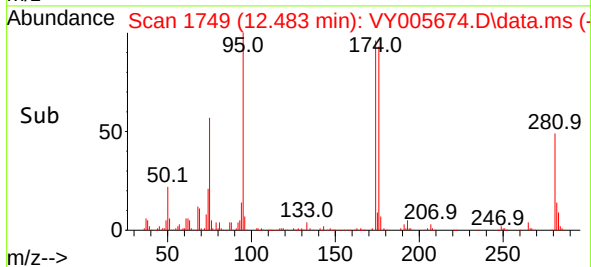
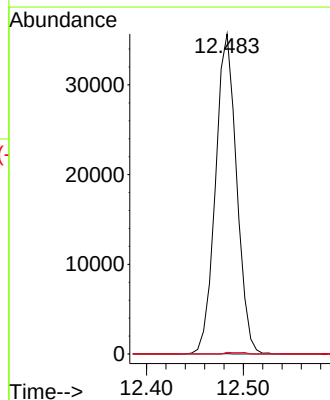
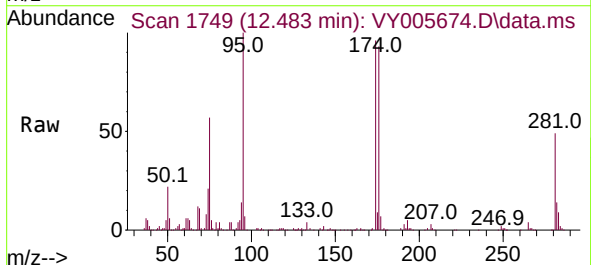
Instrument :
MSVOA_Y
ClientSampleId :
5

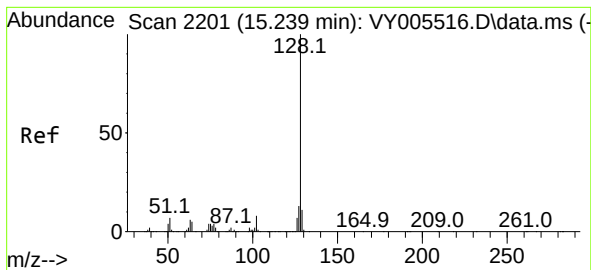
Tgt Ion: 75 Resp: 54105
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.529 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

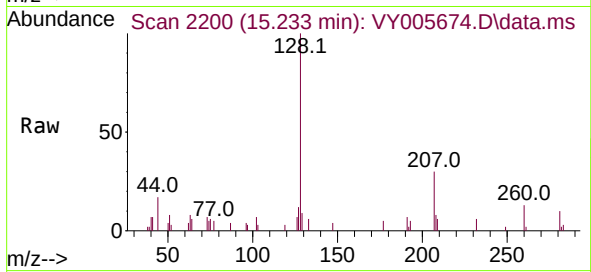
Tgt Ion: 75 Resp: 54105
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.4 38.4 57.6#





#95
Naphthalene
Concen: 1.185 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY005674.D
Acq: 16 Aug 2021 16:41

Instrument :
MSVOA_Y
ClientSampleId :
5



Tgt Ion:128 Resp: 5067
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.2 8.7 13.1

