

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005925.D
 Acq On : 01 Sep 2021 13:07
 Operator : SY/MD
 Sample : M3609-03
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-083121

Quant Time: Sep 02 07:47:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

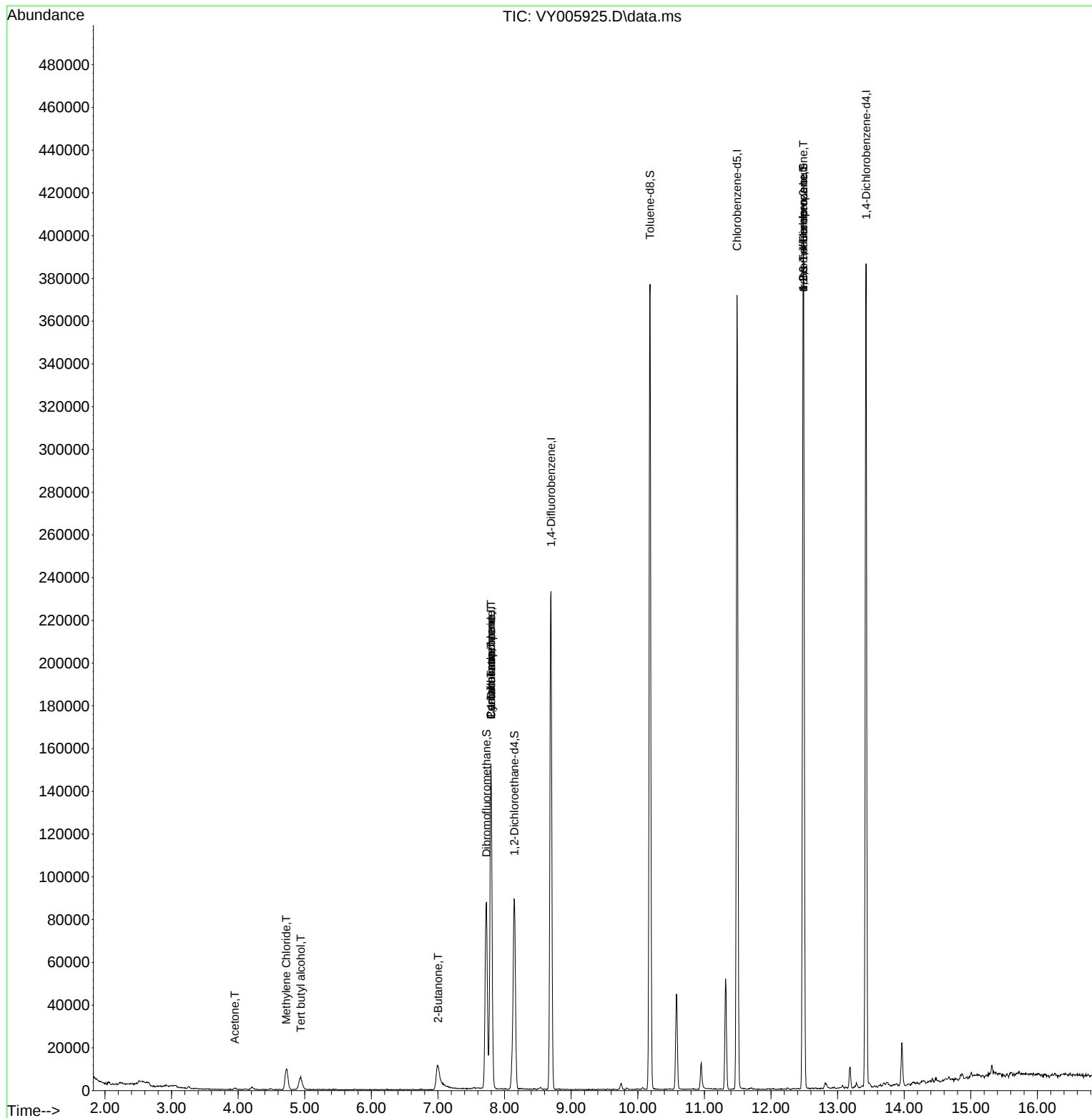
Internal Standards						
1) Pentafluorobenzene	7.795	168	124121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71204	56.93	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 113.86%		
35) Dibromofluoromethane	7.728	113	59153	52.33	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.66%		
50) Toluene-d8	10.185	98	251874	53.10	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.20%		
62) 4-Bromofluorobenzene	12.483	95	87116	54.69	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 109.38%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	5885	23.93	ug/l #	80
16) Acetone	3.948	43	1119	3.51	ug/l	93
20) Methylene Chloride	4.723	84	7965	1.62	ug/l	90
25) 2-Butanone	7.003	43	883	1.96	ug/l #	47
31) Cyclohexane	7.795	56	2424	1.15	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	8661	4.57	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11217	5.46	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	47641	49.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47641	94.91	ug/l #	14

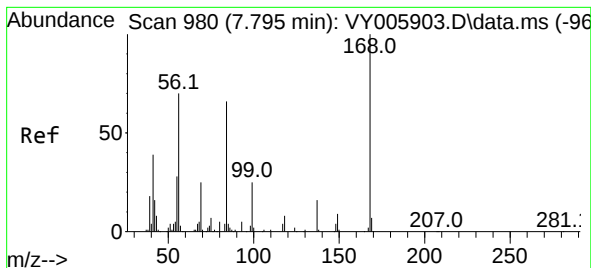
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

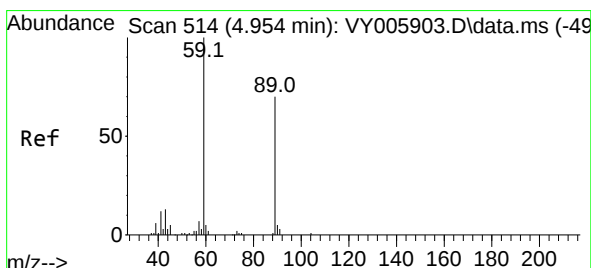
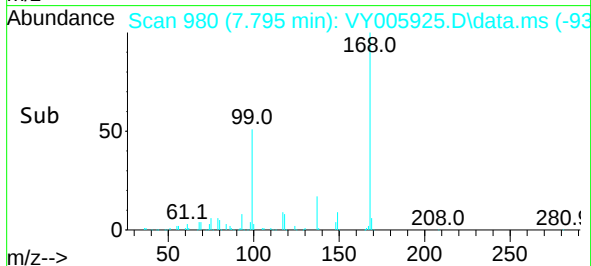
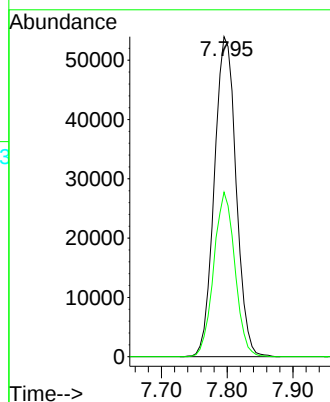
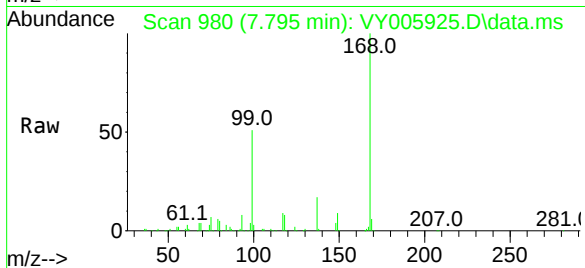
Lab File: VY005925.D

Acq: 01 Sep 2021 13:07

Tgt Ion:168 Resp: 124121

Ion Ratio Lower Upper

168	100		
99	51.4	40.6	60.8



#11

Tert butyl alcohol

Concen: 23.93 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.012 min

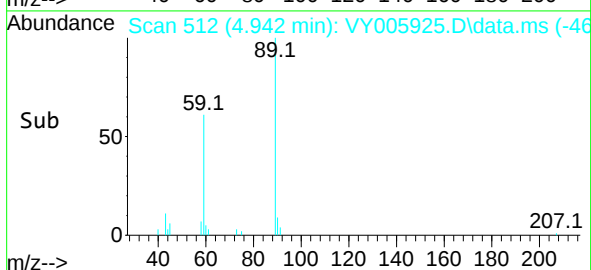
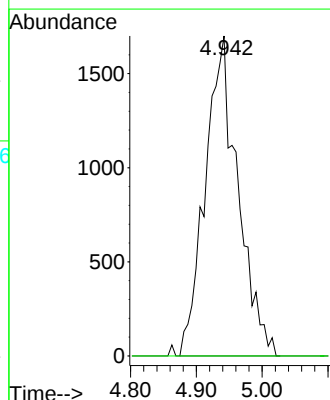
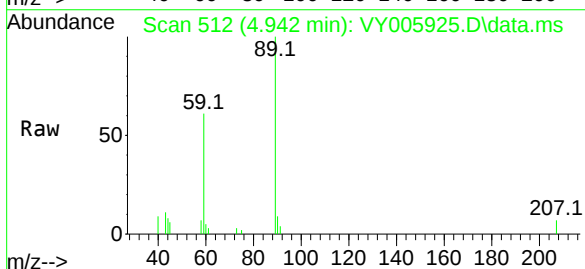
Lab File: VY005925.D

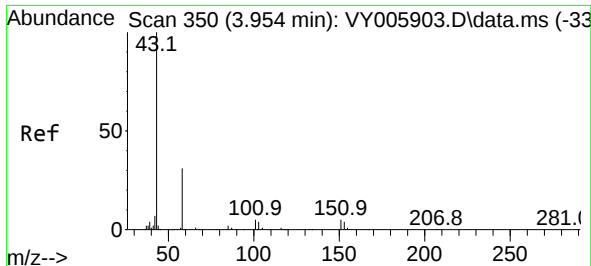
Acq: 01 Sep 2021 13:07

Tgt Ion: 59 Resp: 5885

Ion Ratio Lower Upper

59	100		
57	0.0	5.5	8.3

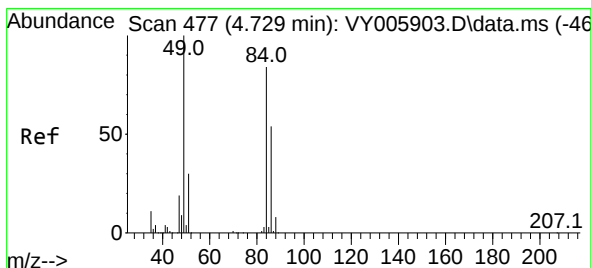
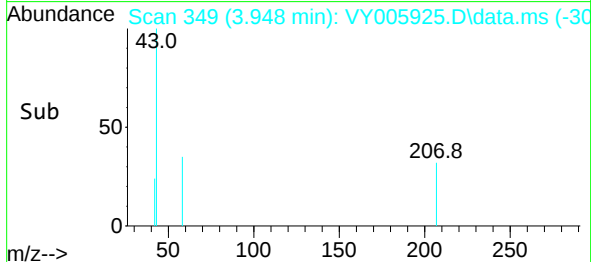
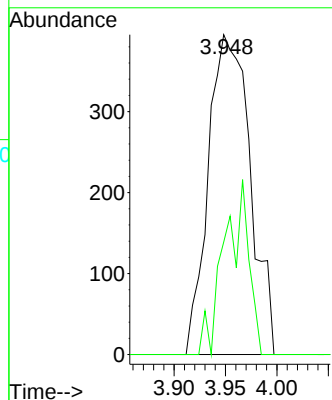
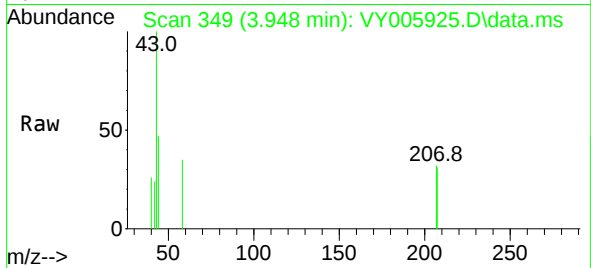




#16
Acetone
Concen: 3.51 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

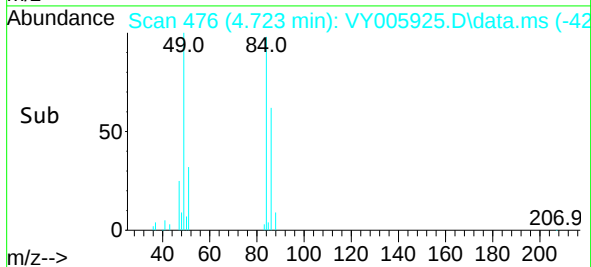
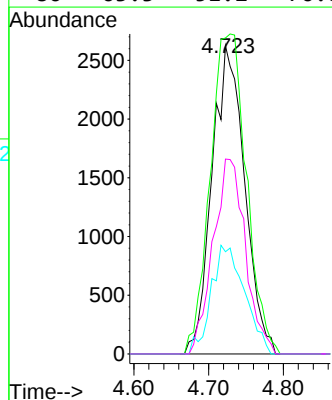
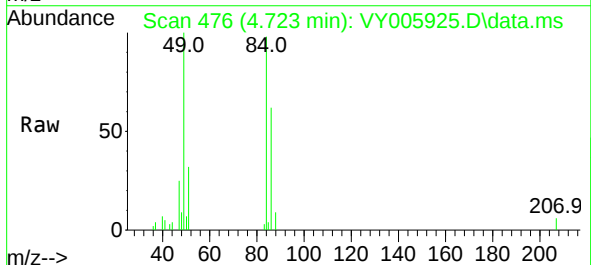
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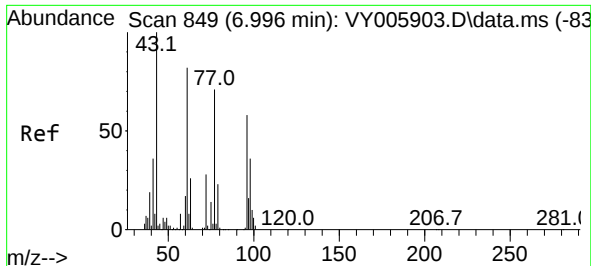
Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 35.2 25.1 37.7



#20
Methylene Chloride
Concen: 1.62 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

Tgt Ion: 84 Resp: 7965
Ion Ratio Lower Upper
84 100
49 102.6 95.7 143.5
51 33.2 29.0 43.6
86 63.3 51.2 76.8

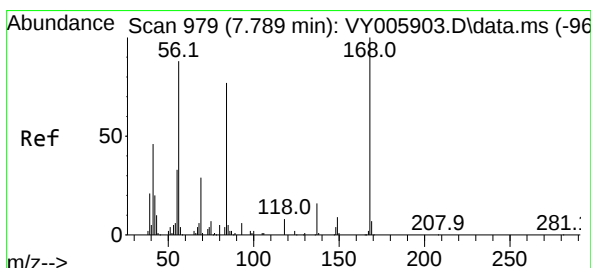
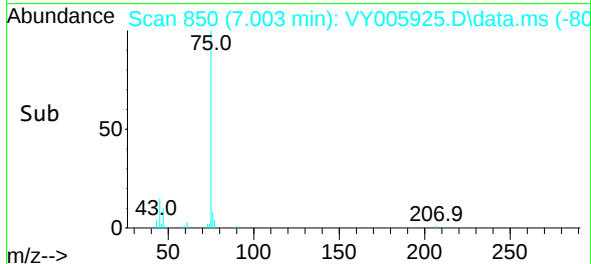
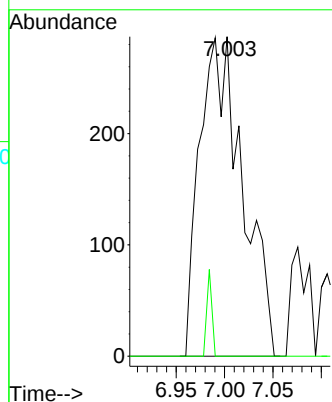
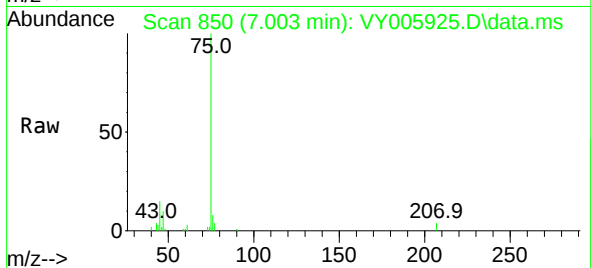




#25
2-Butanone
Concen: 1.96 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

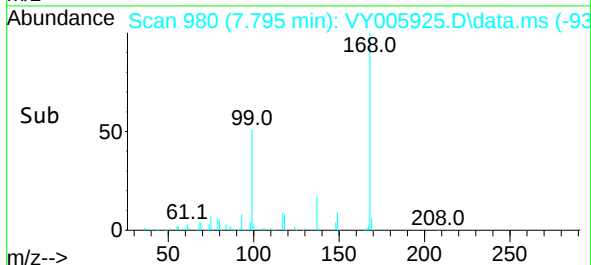
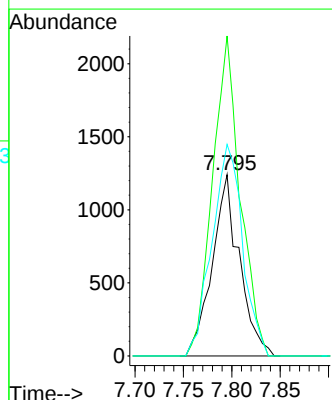
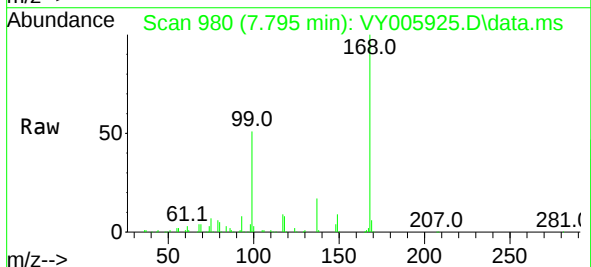
Instrument :
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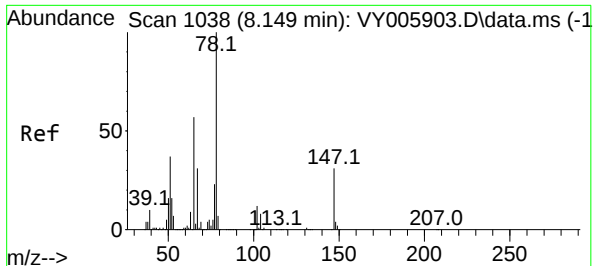
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

Tgt Ion: 56 Resp: 2424
Ion Ratio Lower Upper
56 100
69 176.5 26.3 39.5#
84 116.6 69.8 104.8#

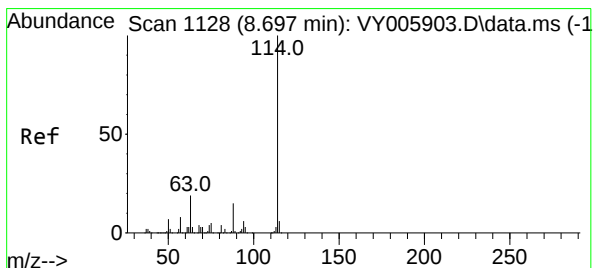
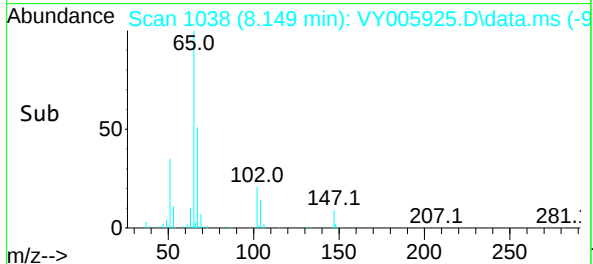
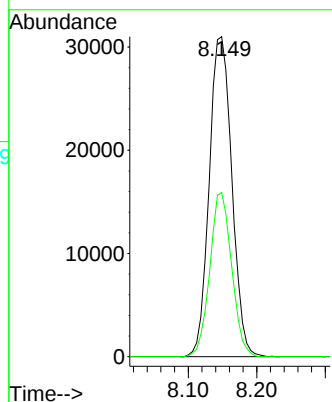
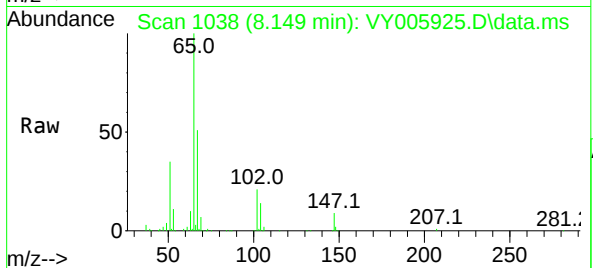




#33
 1,2-Dichloroethane-d4
 Concen: 56.93 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005925.D
 Acq: 01 Sep 2021 13:07

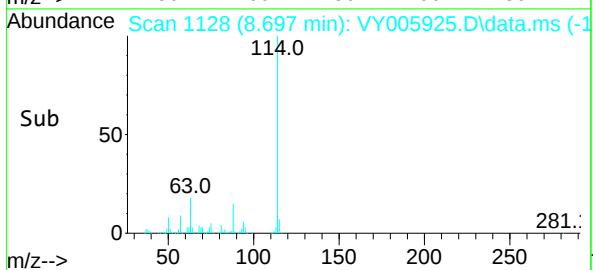
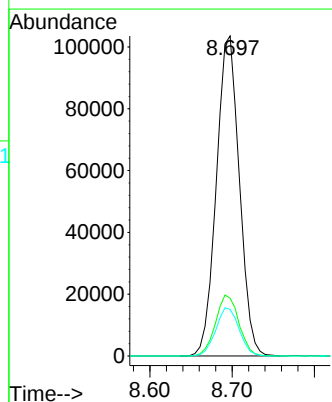
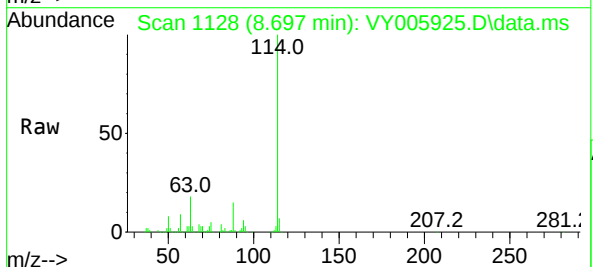
Instrument :
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 ClientSampleId :
 EO-03-083121

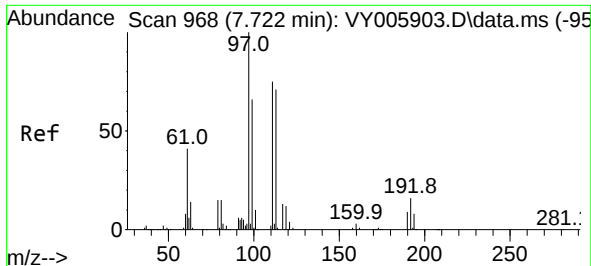
Tgt Ion: 65 Resp: 71204
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005925.D
 Acq: 01 Sep 2021 13:07

Tgt Ion:114 Resp: 201271
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 14.5 0.0 30.0

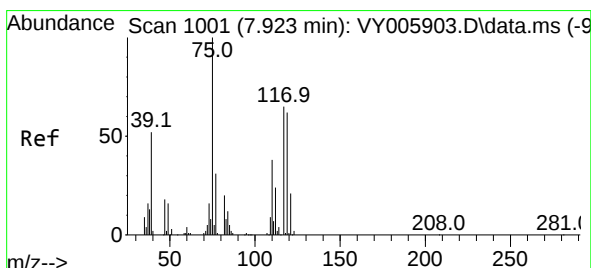
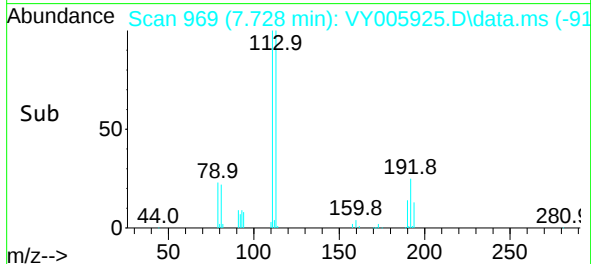
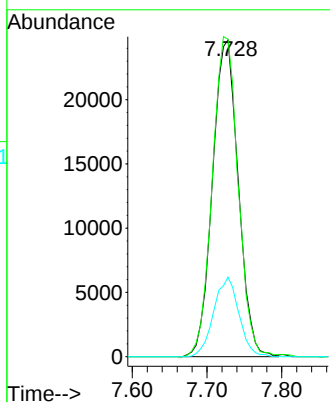
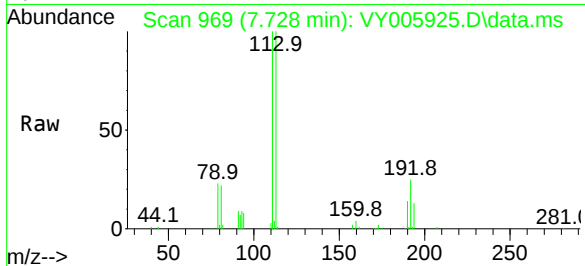




#35
Dibromofluoromethane
Concen: 52.33 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

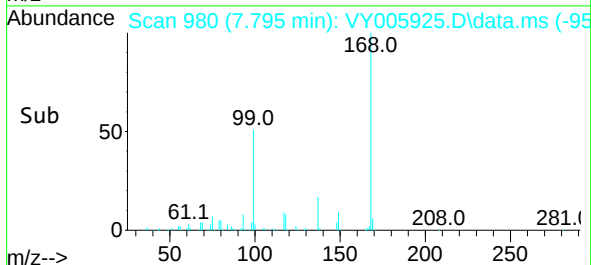
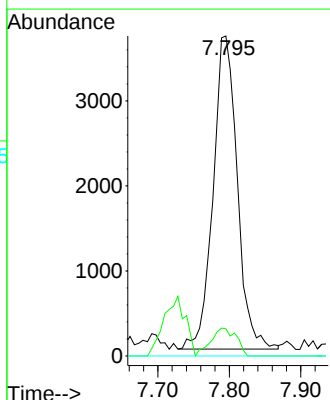
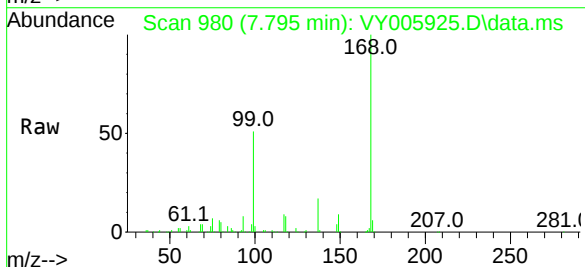
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ClientSampleId :
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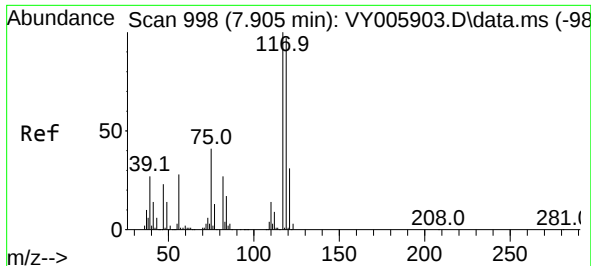
Tgt Ion:113 Resp: 59153
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 24.5 19.4 29.0



#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

Tgt Ion: 75 Resp: 8661
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.3#
77 0.0 24.9 37.3#

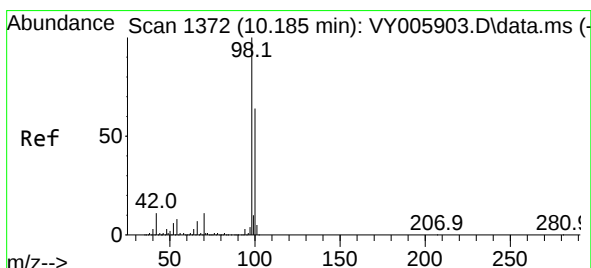
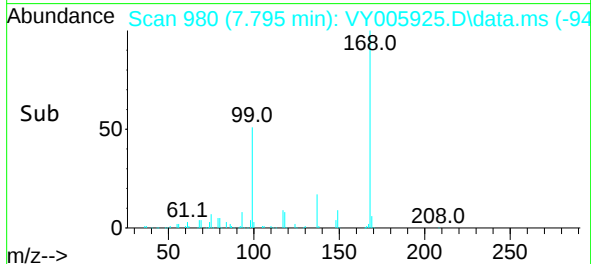
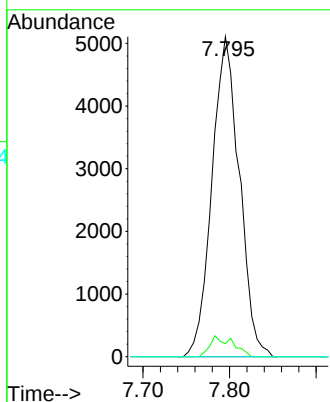
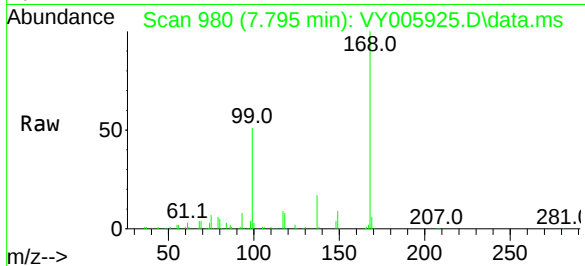




#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

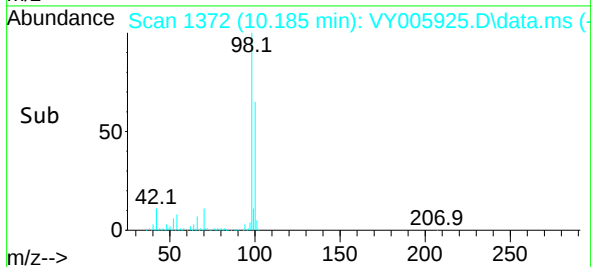
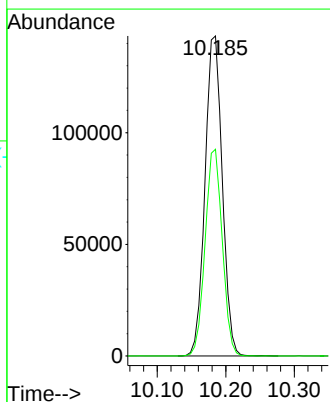
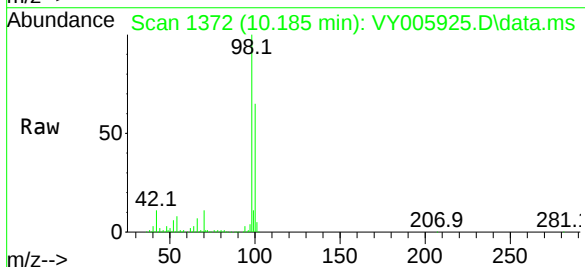
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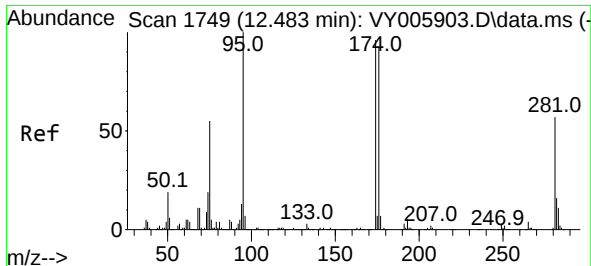
Tgt Ion:117 Resp: 11217
Ion Ratio Lower Upper
117 100
119 4.1 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

Tgt Ion: 98 Resp: 251874
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

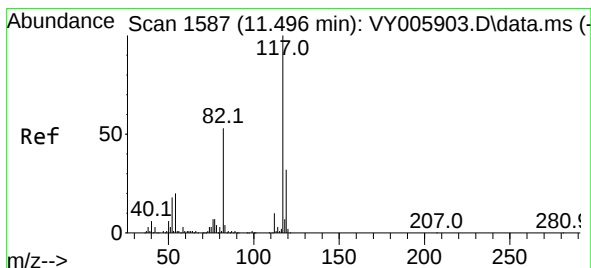
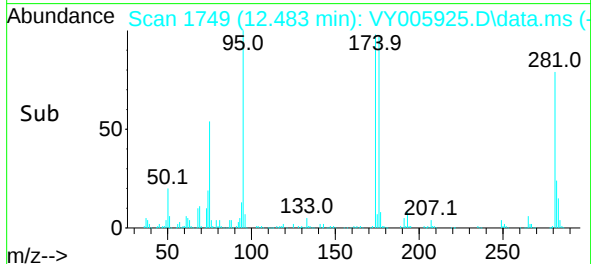
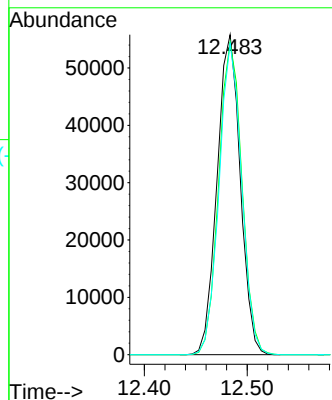
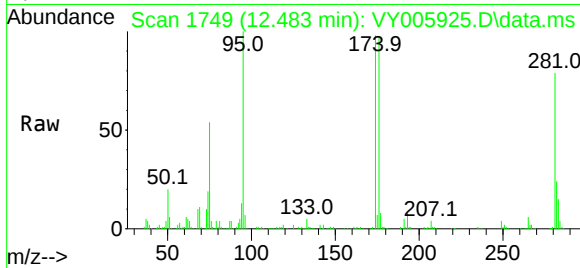




#62
4-Bromofluorobenzene
Concen: 54.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

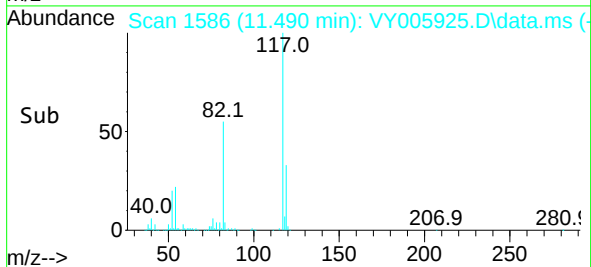
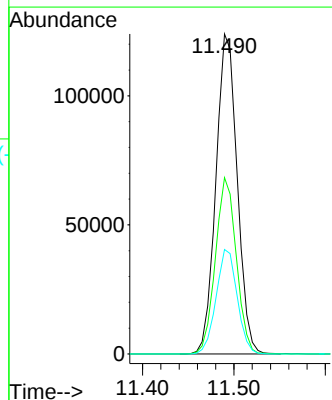
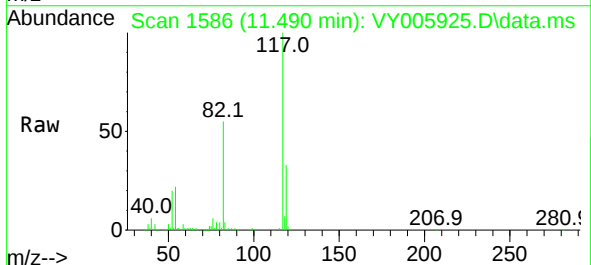
Instrument :
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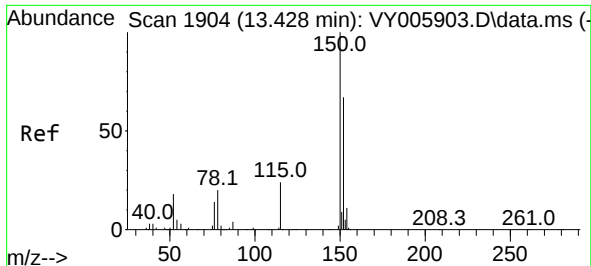
Tgt Ion: 95 Resp: 87116
Ion Ratio Lower Upper
95 100
174 97.8 0.0 192.4
176 94.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

Tgt Ion: 117 Resp: 200842
Ion Ratio Lower Upper
117 100
82 55.1 42.4 63.6
119 32.7 25.4 38.0

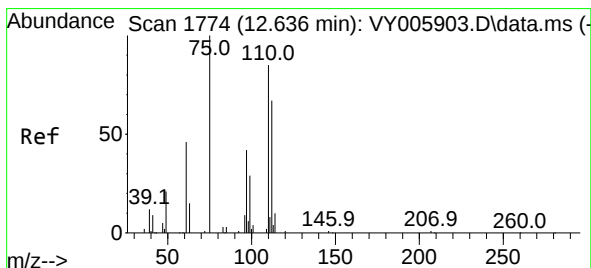
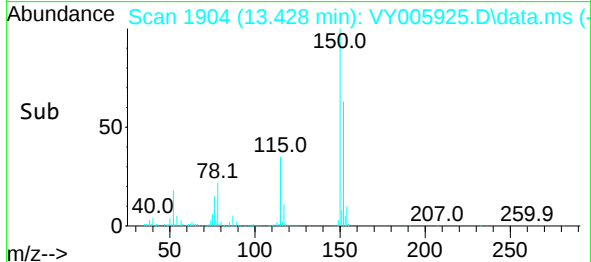
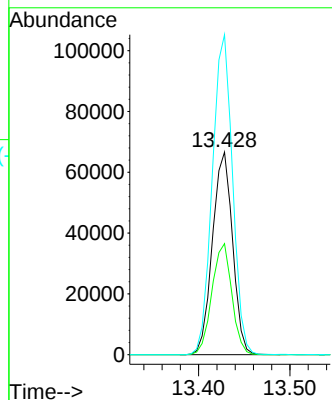
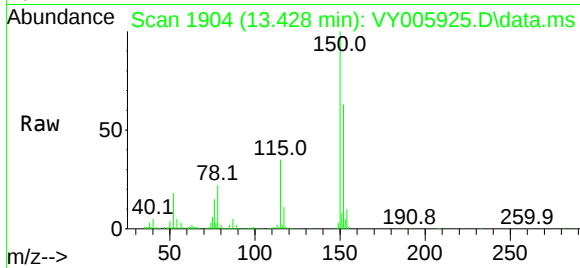




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

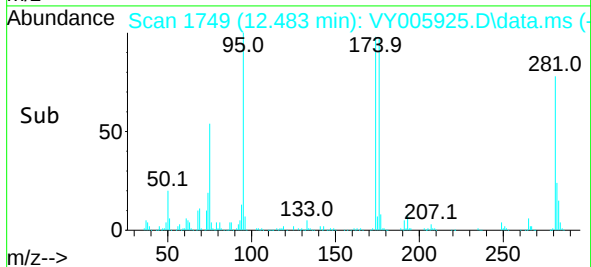
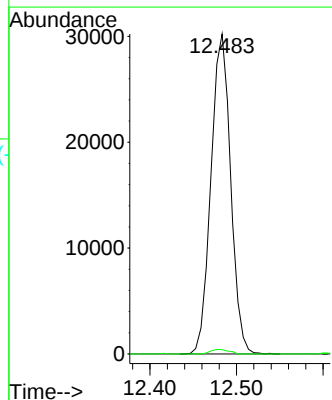
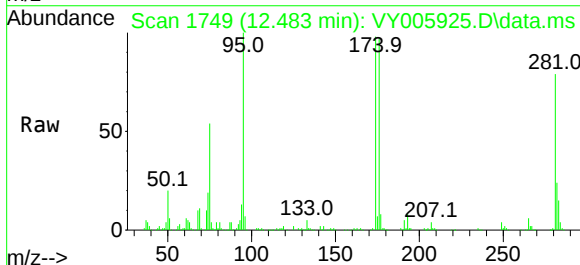
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-083121

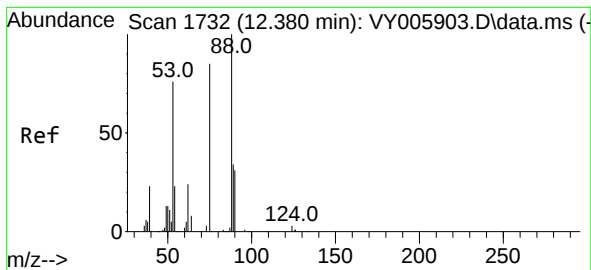
Tgt Ion:152 Resp: 101992
Ion Ratio Lower Upper
152 100
115 54.2 26.8 80.4
150 158.3 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 49.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005925.D
Acq: 01 Sep 2021 13:07

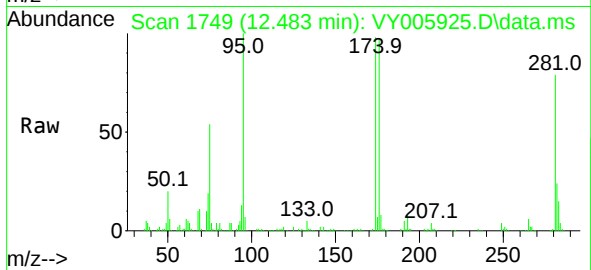
Tgt Ion: 75 Resp: 47641
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.91 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005925.D
 Acq: 01 Sep 2021 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-083121



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.8	107.8#
89	0.9	35.8	53.6#

