

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005817.D
 Acq On : 24 Aug 2021 13:14
 Operator : SY/MD
 Sample : M3463-07
 Misc : 3.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-20-0306

Quant Time: Aug 25 04:29:27 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)

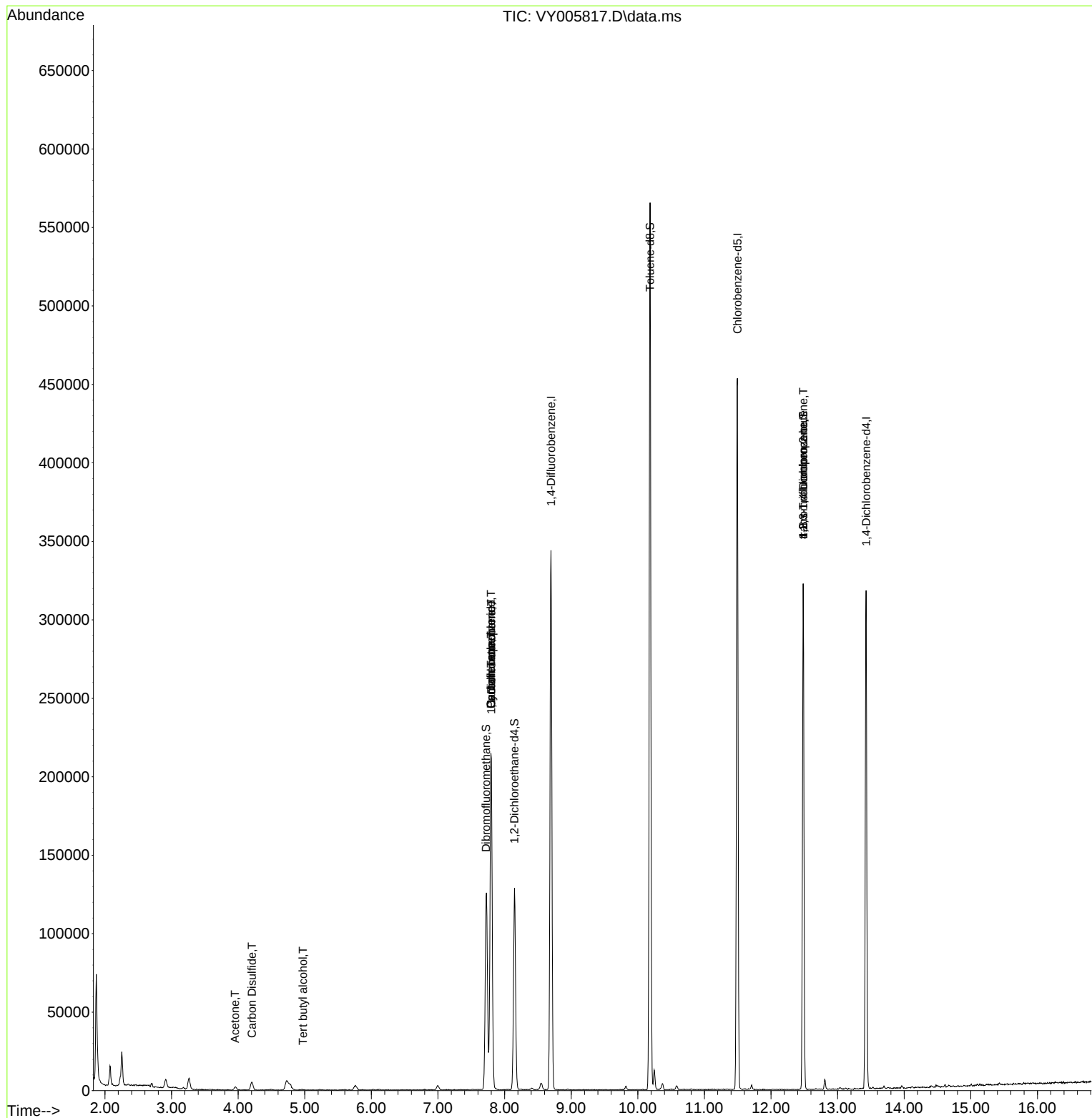
Internal Standards						
1) Pentafluorobenzene	7.795	168	179529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	250677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	101562	55.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.780%			
35) Dibromofluoromethane	7.722	113	86469	53.045	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.100%			
50) Toluene-d8	10.185	98	358304	52.410	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.483	95	87882	38.819	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.640%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.972	59	837	4.659	ug/l #	73
16) Acetone	3.954	43	3541	7.728	ug/l	90
17) Carbon Disulfide	4.204	76	9966	2.090	ug/l #	95
20) Methylene Chloride	4.722	84	4149	Below Cal		90
31) Cyclohexane	7.795	56	3544	1.137	ug/l #	9
36) 1,1-Dichloropropene	7.801	75	12960	4.746	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16601	5.593	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47876	55.840	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47876	112.567	ug/l #	11

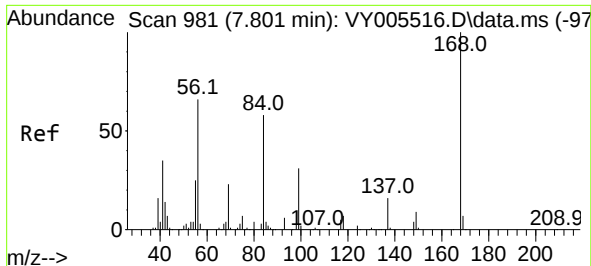
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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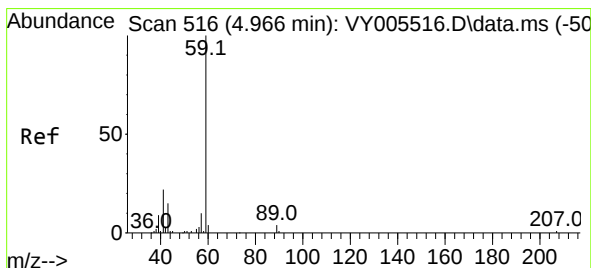
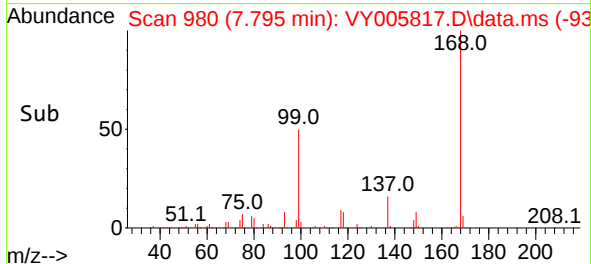
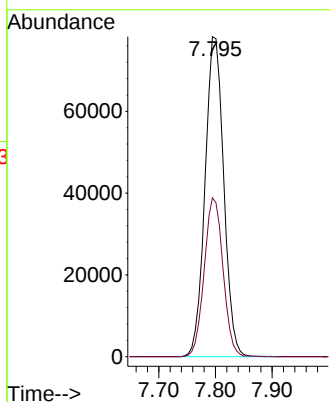
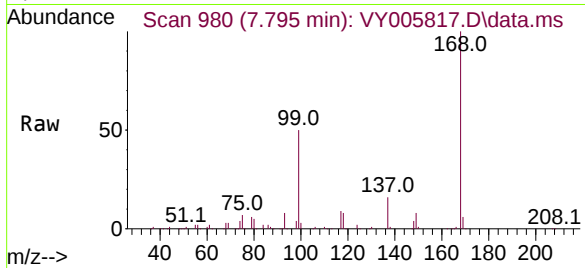




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

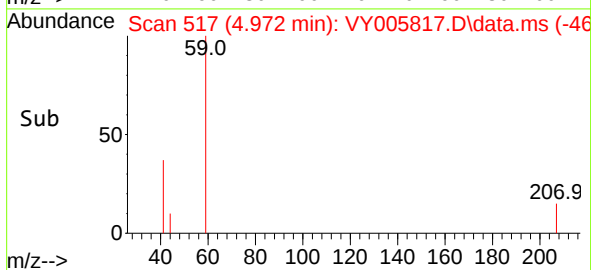
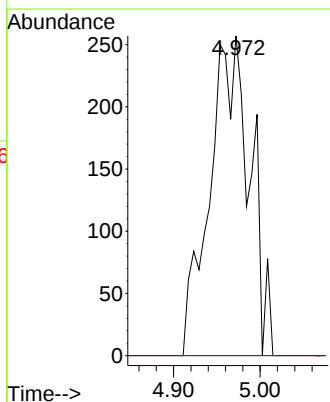
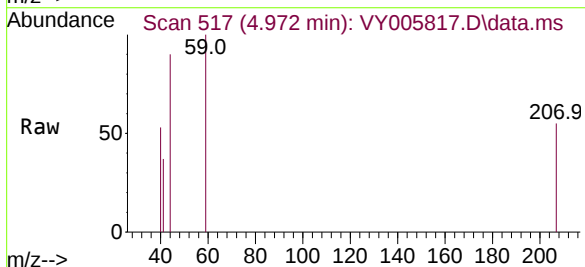
Instrument :
MSVOA_Y
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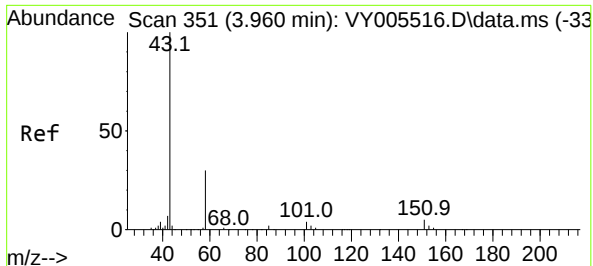
Tgt Ion:168 Resp: 179529
Ion Ratio Lower Upper
168 100
99 49.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.659 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

Tgt Ion: 59 Resp: 837
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

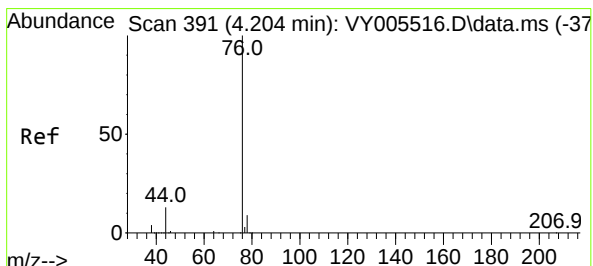
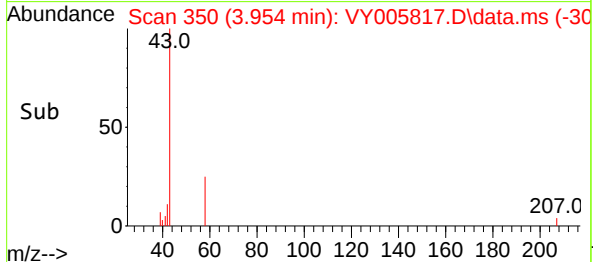
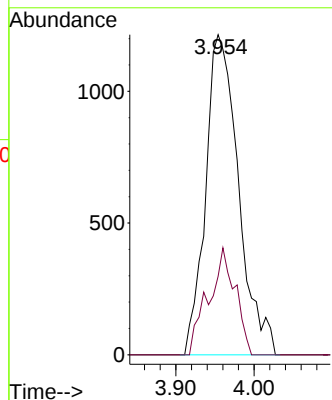
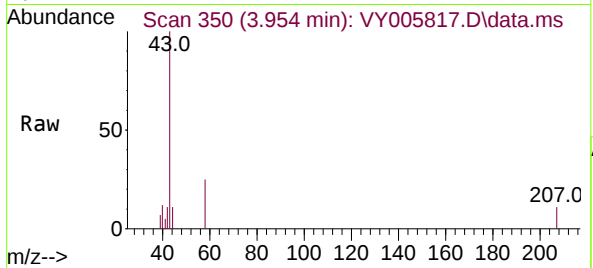




#16
Acetone
Concen: 7.728 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

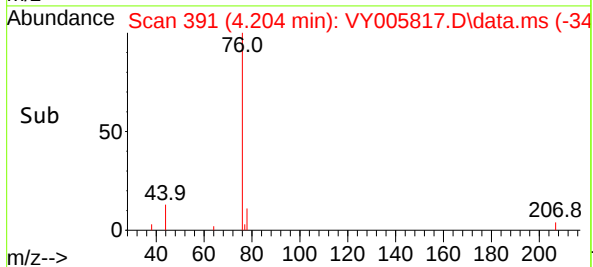
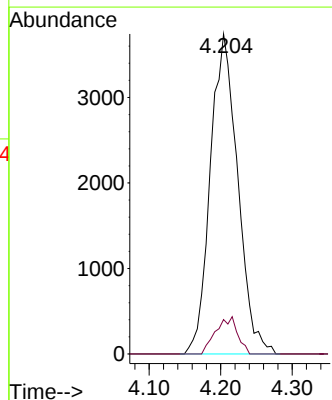
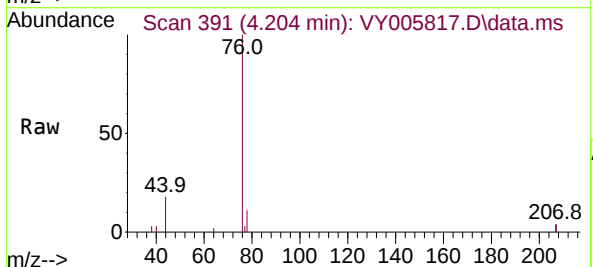
Instrument :
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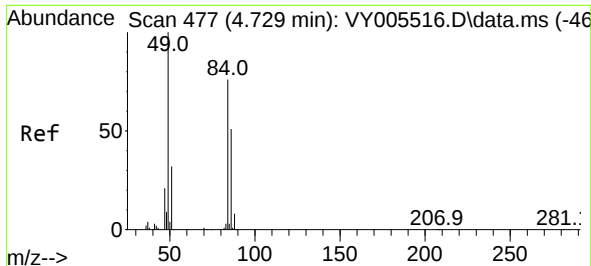
Tgt Ion: 43 Resp: 3541
Ion Ratio Lower Upper
43 100
58 24.5 23.8 35.6



#17
Carbon Disulfide
Concen: 2.090 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

Tgt Ion: 76 Resp: 9966
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#

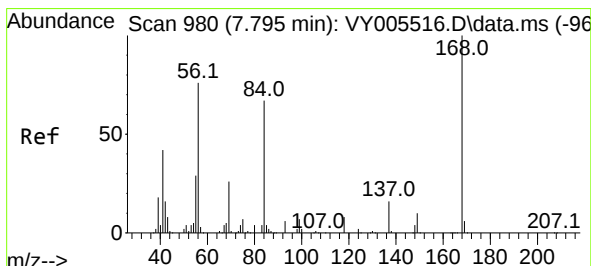
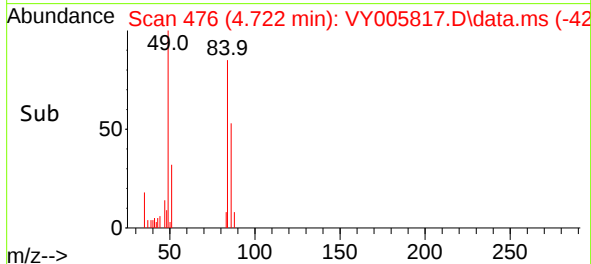
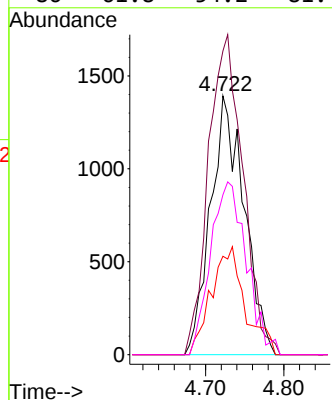
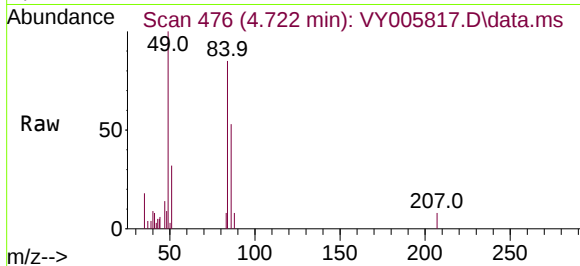




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

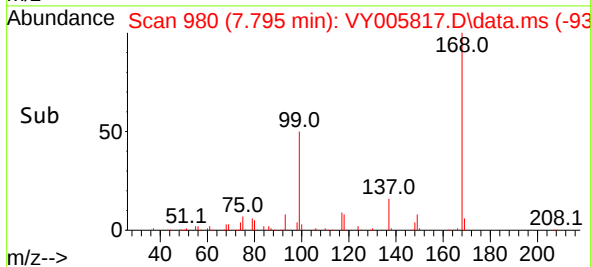
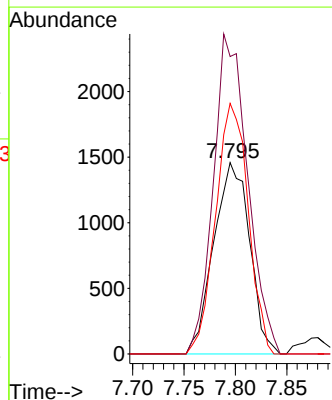
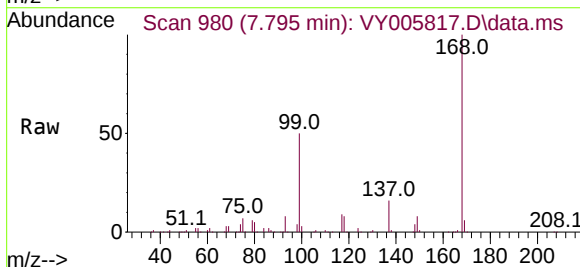
Instrument :
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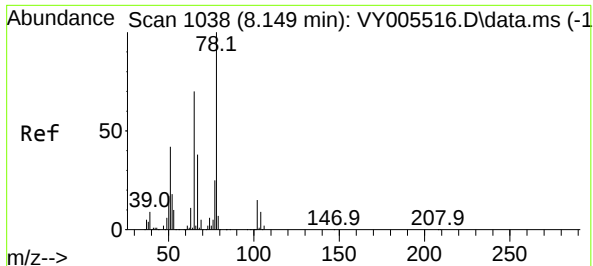
Tgt Ion:	84	Resp:	4149
Ion	Ratio	Lower	Upper
84	100		
49	117.4	105.8	158.6
51	38.0	33.4	50.2
86	61.8	54.2	81.4



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

Tgt Ion:	56	Resp:	3544
Ion	Ratio	Lower	Upper
56	100		
69	155.4	27.7	41.5#
84	130.9	70.9	106.3#

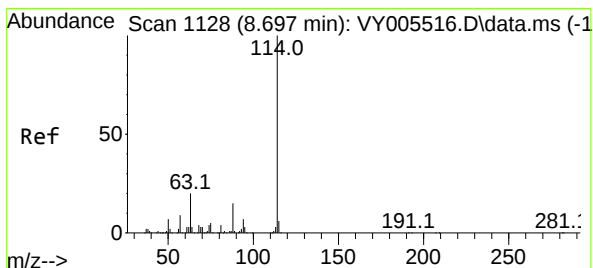
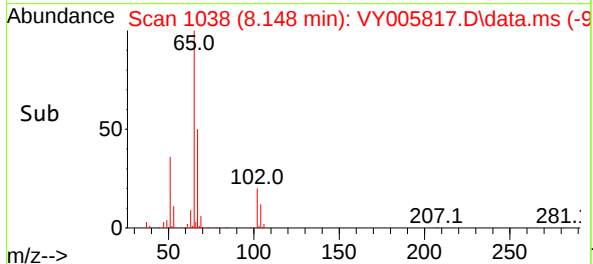
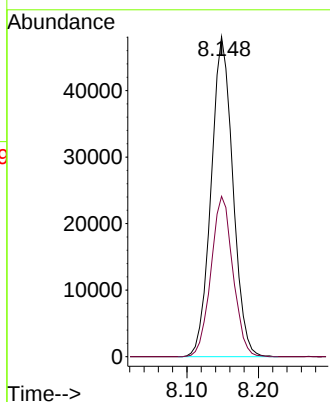
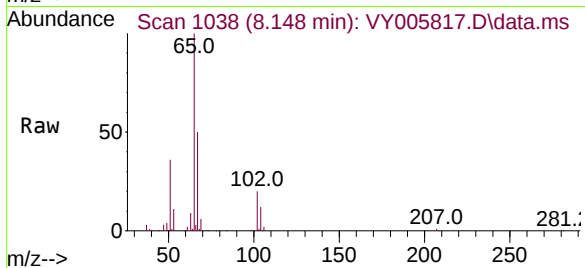




#33
1,2-Dichloroethane-d4
Concen: 55.887 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

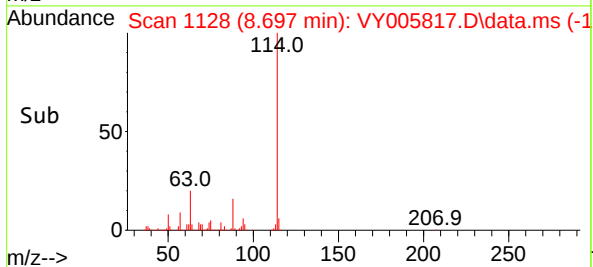
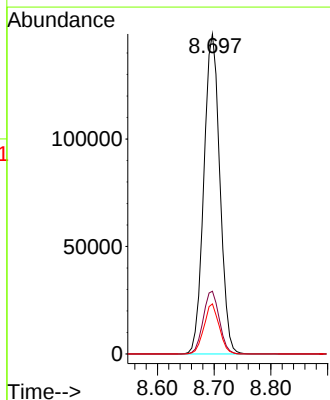
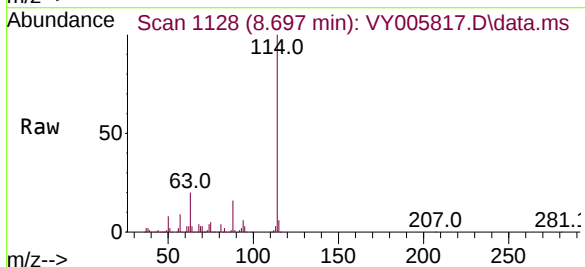
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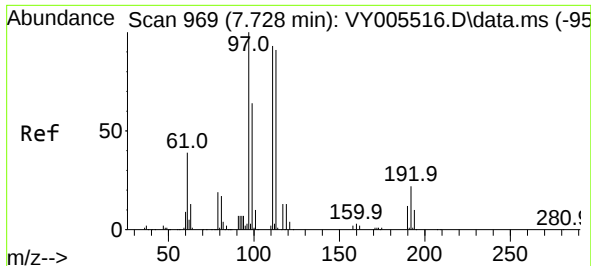
Tgt Ion: 65 Resp: 101562
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

Tgt Ion: 114 Resp: 291154
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.7 0.0 30.8

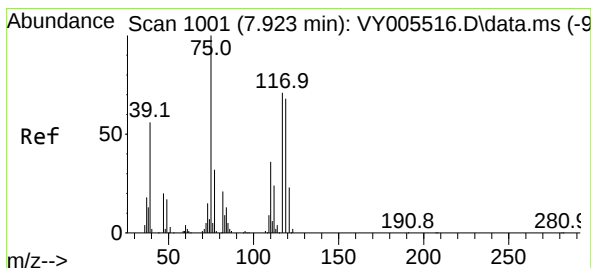
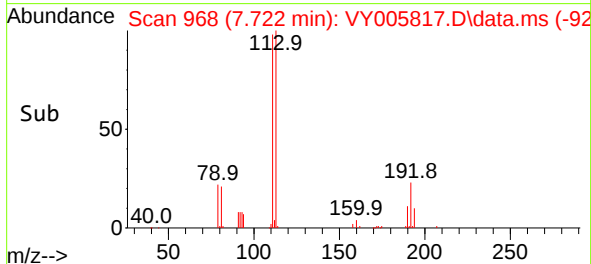
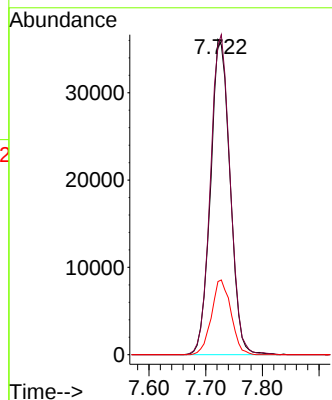
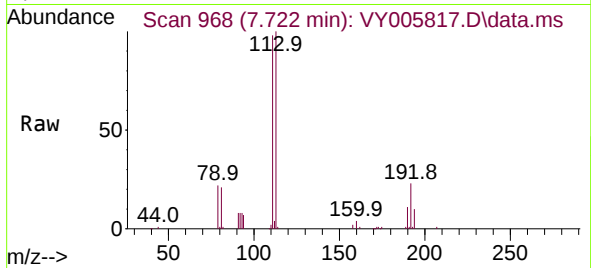




#35
Dibromofluoromethane
Concen: 53.045 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

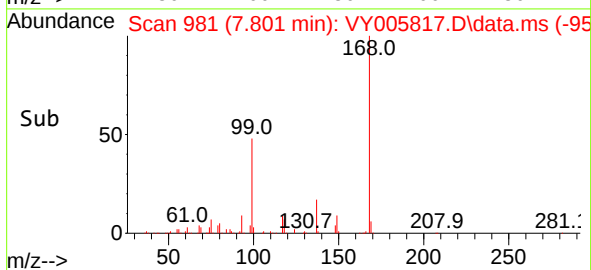
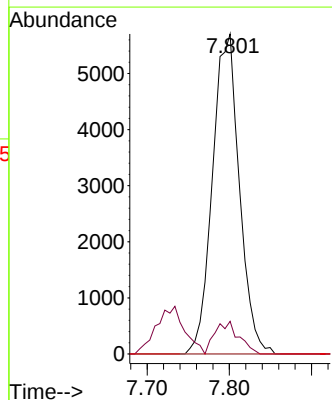
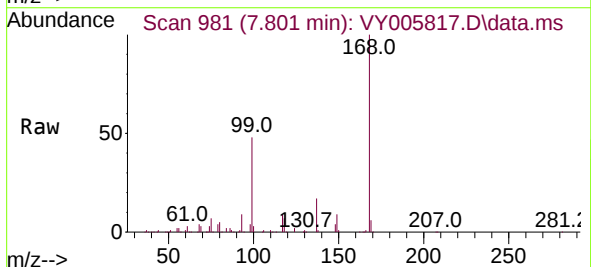
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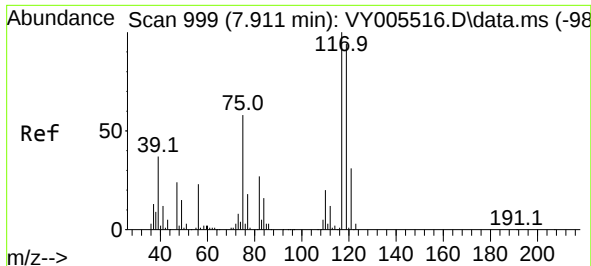
Tgt Ion:113 Resp: 86469
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 23.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

Tgt Ion: 75 Resp: 12960
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.1 37.7#

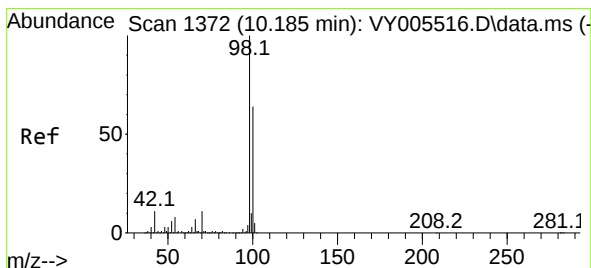
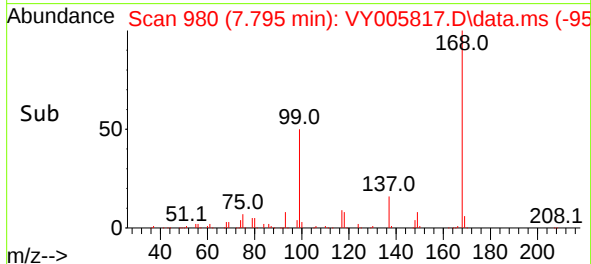
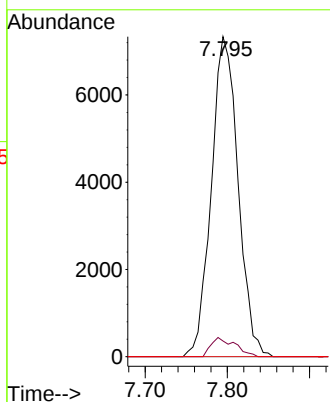
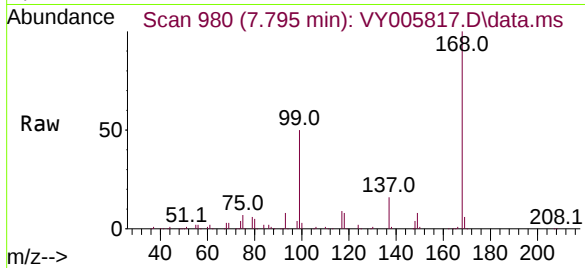




#38
Carbon Tetrachloride
Concen: 5.593 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

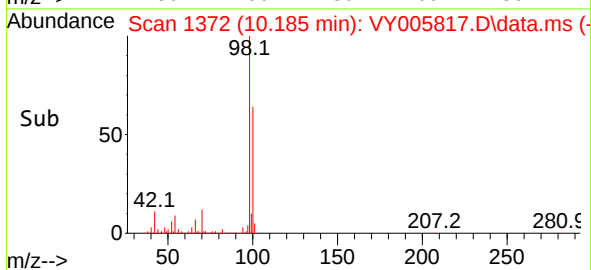
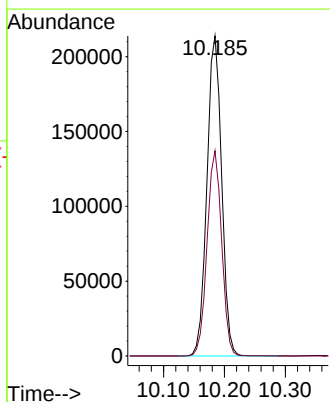
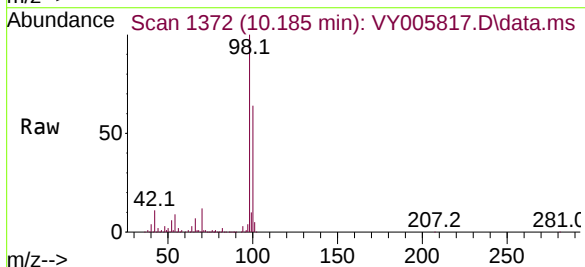
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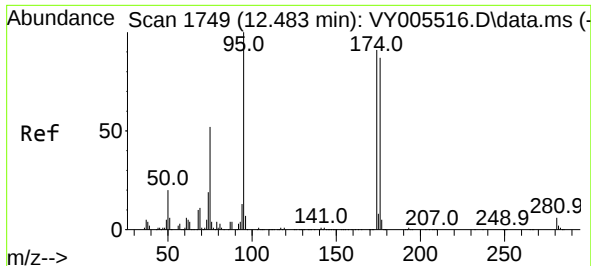
Tgt Ion:117 Resp: 16601
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.410 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

Tgt Ion: 98 Resp: 358304
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9

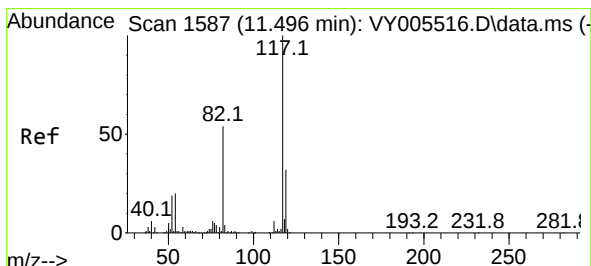
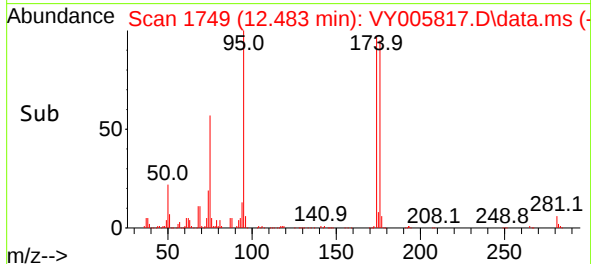
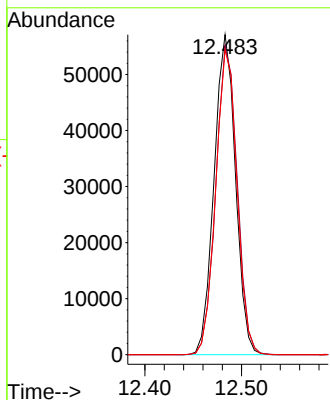
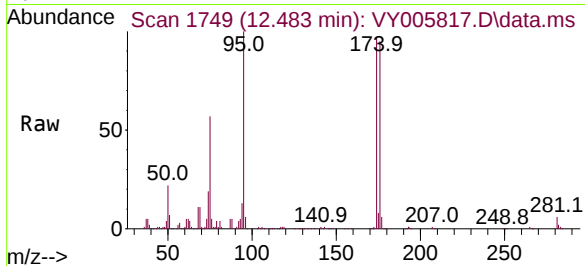




#62
4-Bromofluorobenzene
Concen: 38.819 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

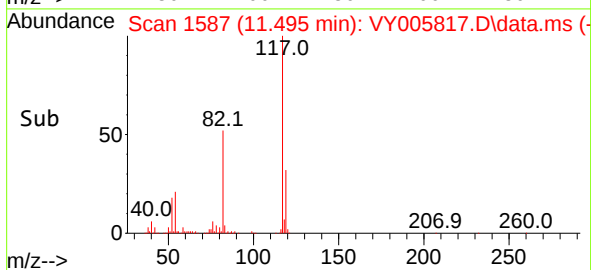
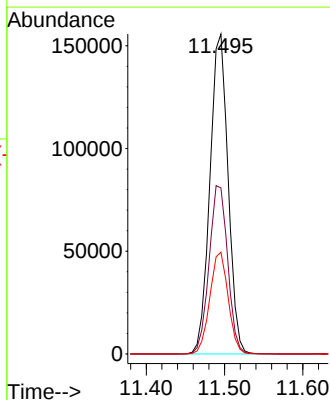
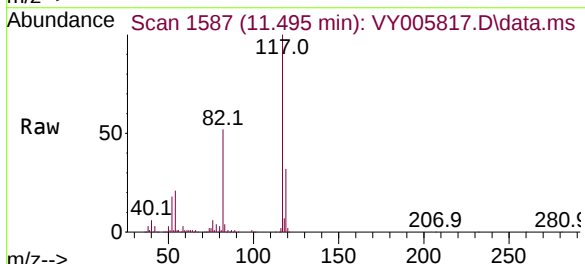
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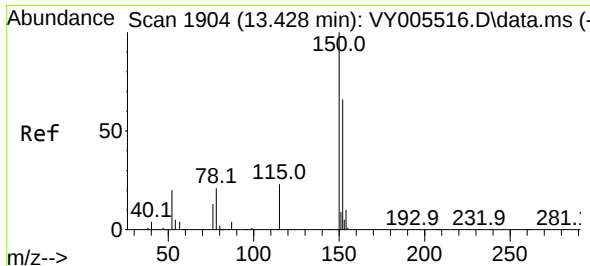
Tgt Ion: 95 Resp: 87882
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 94.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005817.D
Acq: 24 Aug 2021 13:14

Tgt Ion: 117 Resp: 250677
Ion Ratio Lower Upper
117 100
82 51.9 43.5 65.3
119 31.8 25.5 38.3

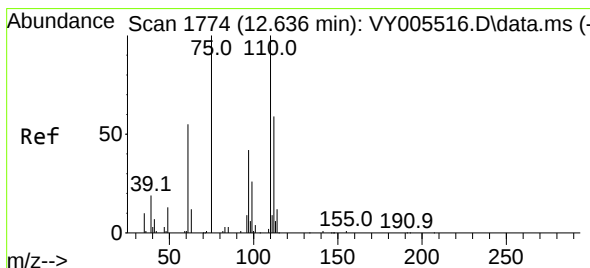
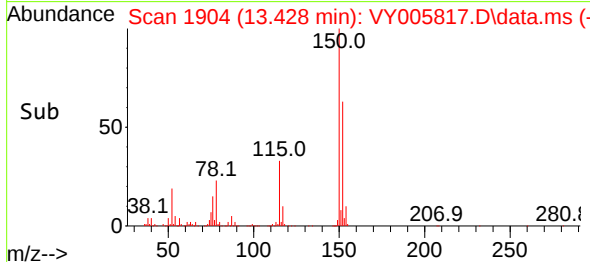
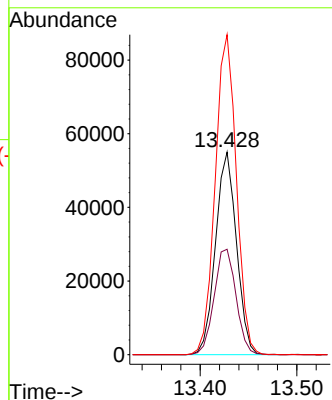
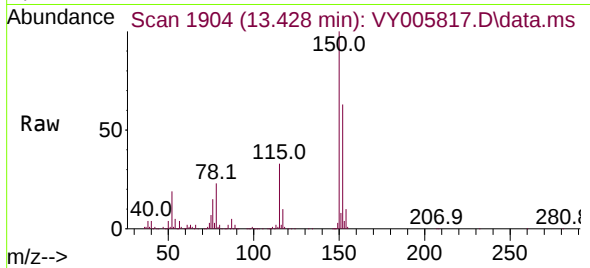




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005817.D
 Acq: 24 Aug 2021 13:14

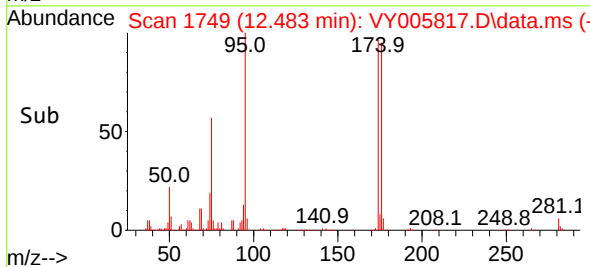
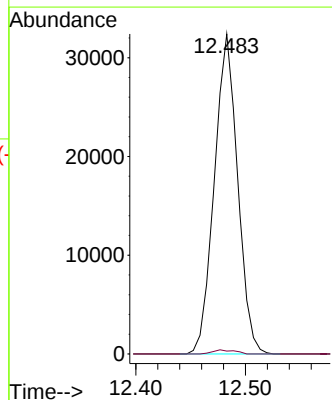
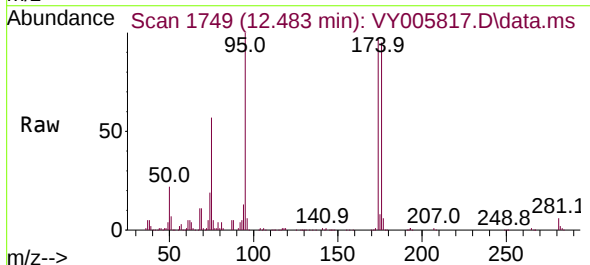
Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-20-0306

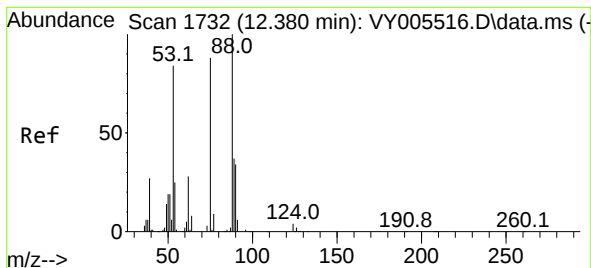
Tgt Ion:152 Resp: 82735
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.3 81.9
 150 159.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 55.840 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005817.D
 Acq: 24 Aug 2021 13:14

Tgt Ion: 75 Resp: 47876
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 112.567 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY005817.D

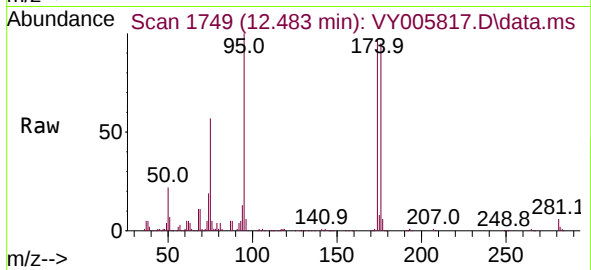
Acq: 24 Aug 2021 13:14

Instrument :

MSVOA_Y

ClientSampleId :

SWCS-20-0306



Tgt Ion: 75 Resp: 47876

Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

89 0.0 38.4 57.6#

