

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004884.D
 Acq On : 26 May 2021 14:17
 Operator : SY/MD
 Sample : M2518-01
 Misc : 4.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 115

Quant Time: May 27 01:15:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

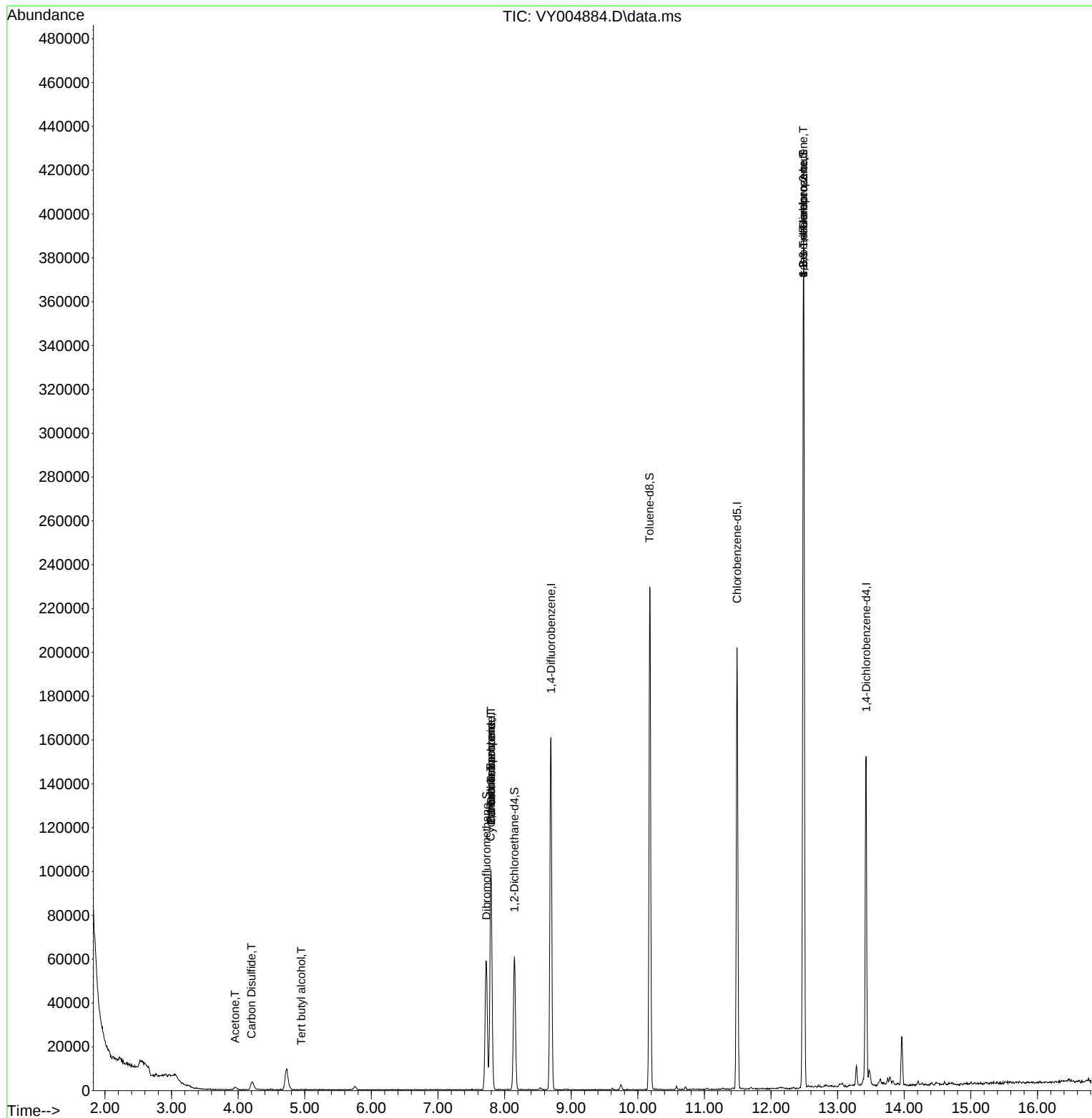
Internal Standards						
1) Pentafluorobenzene	7.795	168	74397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	131535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	104520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46739	52.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.56%
35) Dibromofluoromethane	7.728	113	41997	58.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.64%
50) Toluene-d8	10.179	98	147580	45.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.74%
62) 4-Bromofluorobenzene	12.483	95	43174	39.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.64%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	149	1.67	ug/l #	71
16) Acetone	3.954	43	2188	11.00	ug/l #	85
17) Carbon Disulfide	4.198	76	3489	1.55	ug/l #	87
20) Methylene Chloride	4.729	84	6668	Below Cal		91
31) Cyclohexane	7.789	56	1923	1.34	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	6601	4.90	ug/l #	50
38) Carbon Tetrachloride	7.795	117	7645	6.31	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	26097	67.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26097	117.14	ug/l #	15

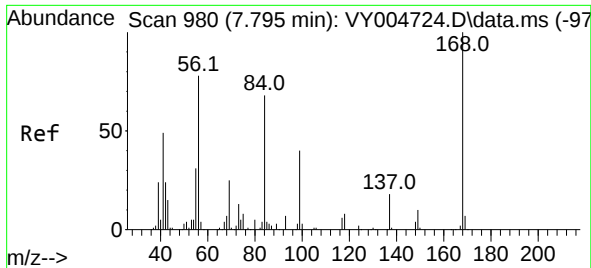
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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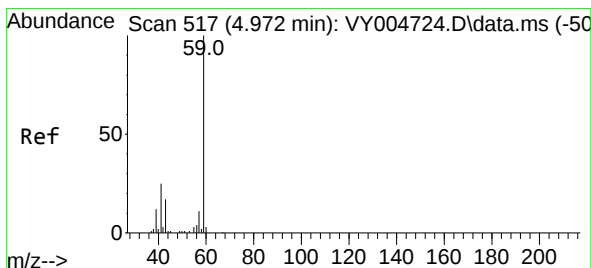
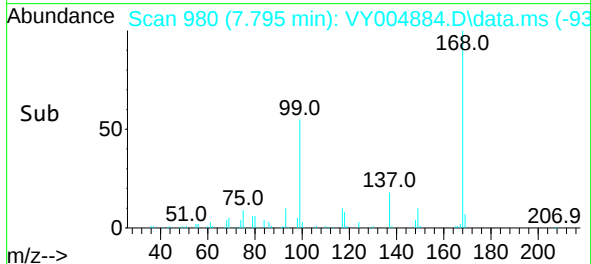
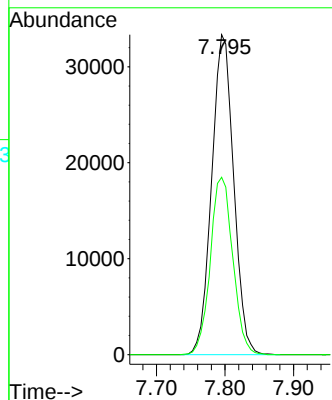
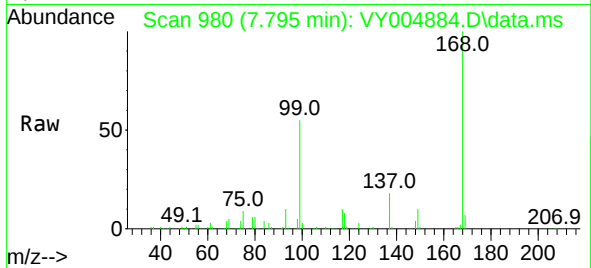




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

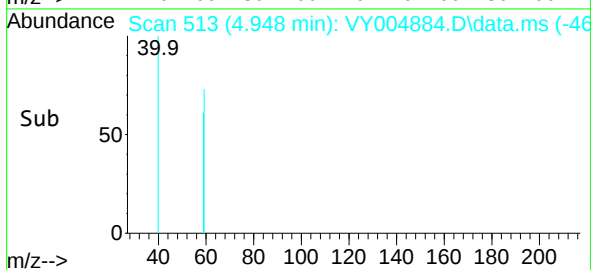
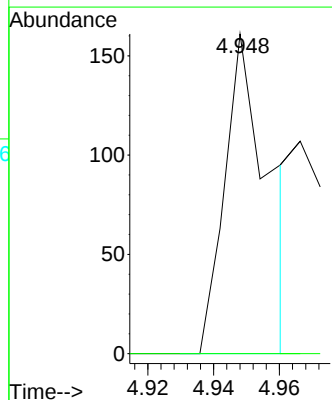
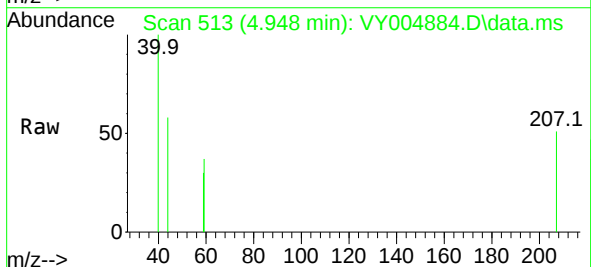
Instrument :
MSVOA_Y
ClientSampleId :
115

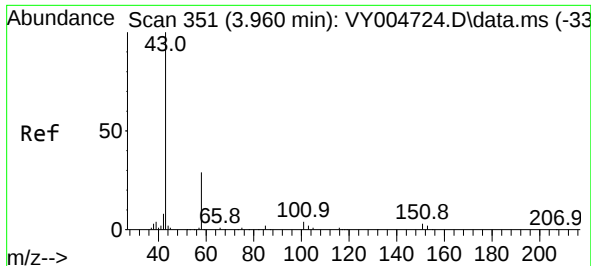
Tgt Ion:168 Resp: 74397
Ion Ratio Lower Upper
168 100
99 55.5 45.6 68.4



#11
Tert butyl alcohol
Concen: 1.67 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

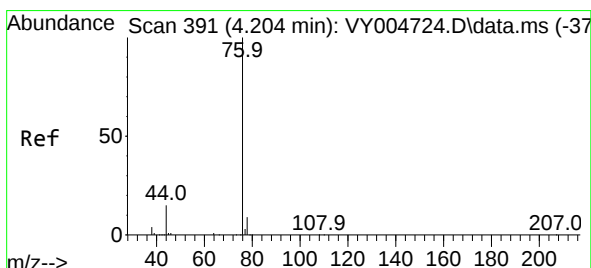
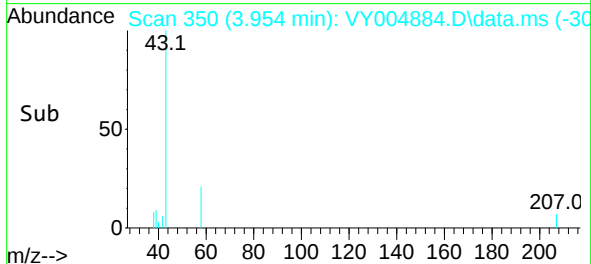
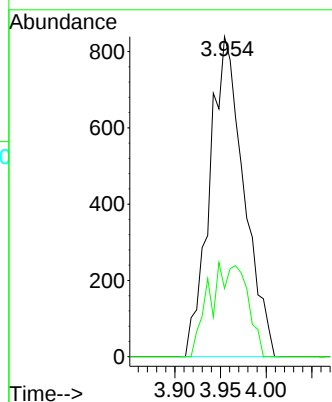
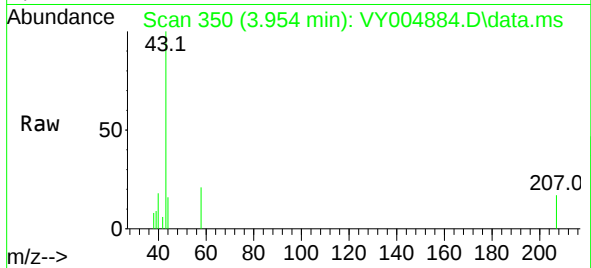




#16
Acetone
Concen: 11.00 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

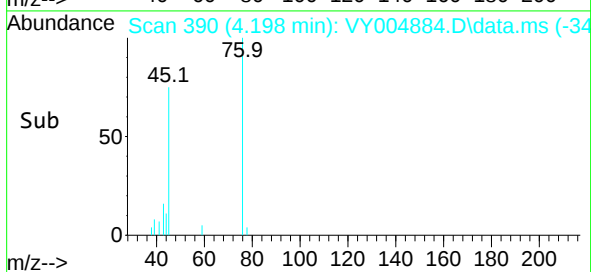
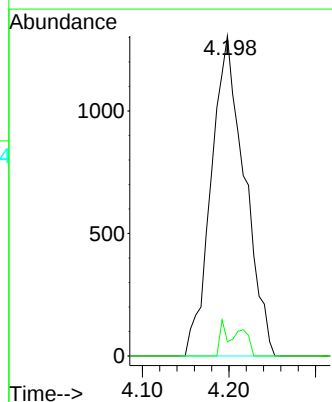
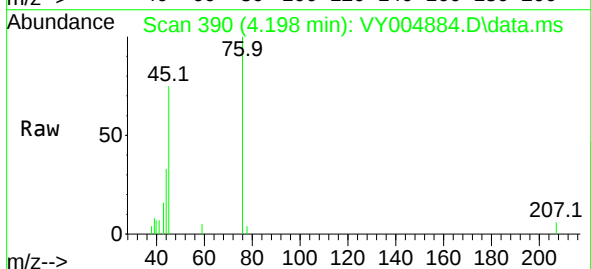
Instrument :
MSVOA_Y
ClientSampled :
115

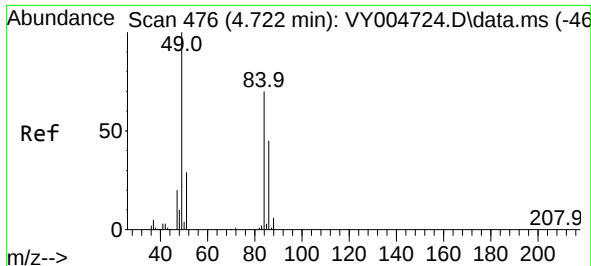
Tgt Ion: 43 Resp: 2188
Ion Ratio Lower Upper
43 100
58 21.3 23.6 35.4#



#17
Carbon Disulfide
Concen: 1.55 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

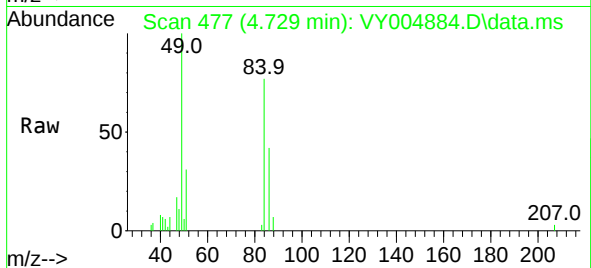
Tgt Ion: 76 Resp: 3489
Ion Ratio Lower Upper
76 100
78 4.4 7.2 10.8#



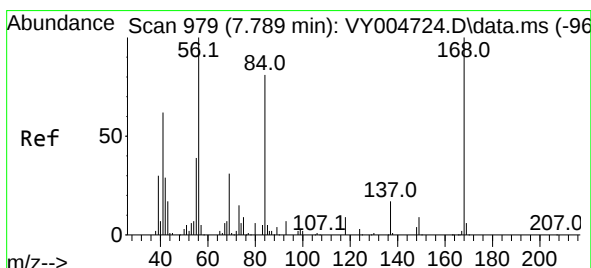
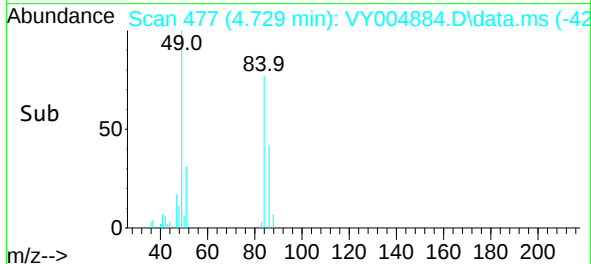
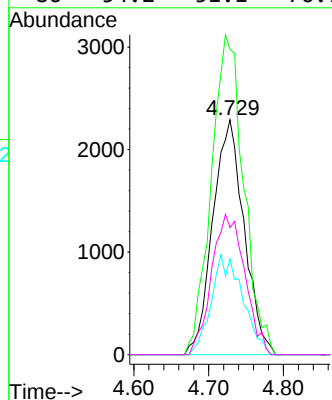


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

Instrument :
MSVOA_Y
ClientSampled :
115

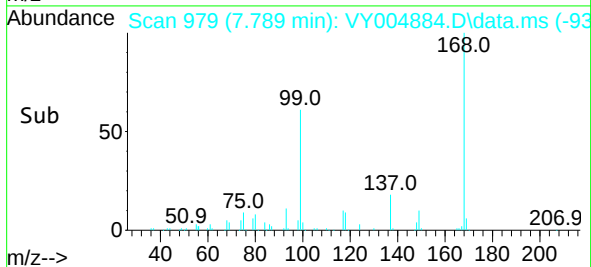
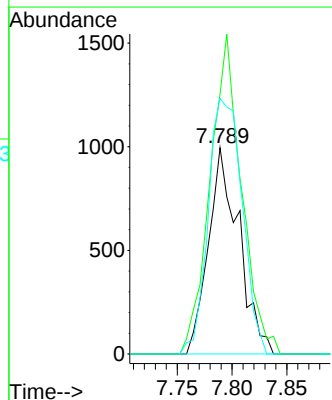
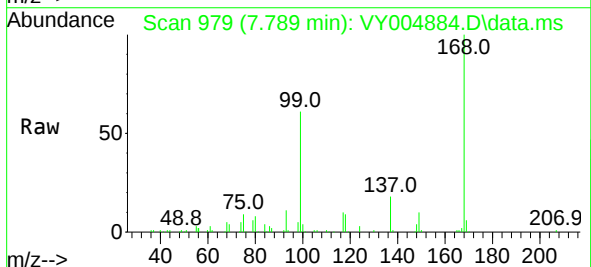


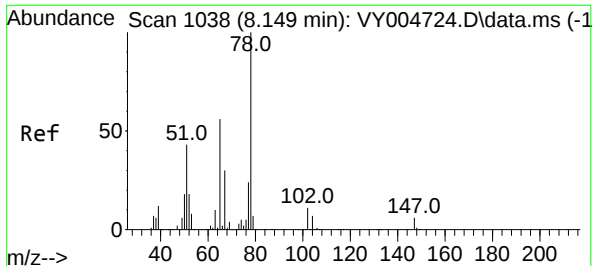
Tgt Ion:	84	Resp:	6668
Ion	Ratio	Lower	Upper
84	100		
49	130.0	113.8	170.8
51	40.7	33.5	50.3
86	54.2	51.1	76.7



#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

Tgt Ion:	56	Resp:	1923
Ion	Ratio	Lower	Upper
56	100		
69	125.9	24.4	36.6#
84	123.9	64.8	97.2#

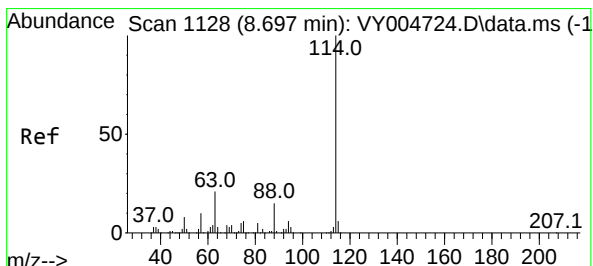
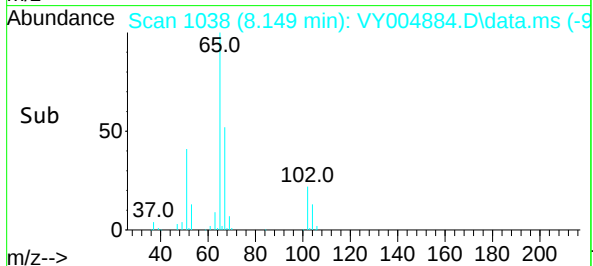
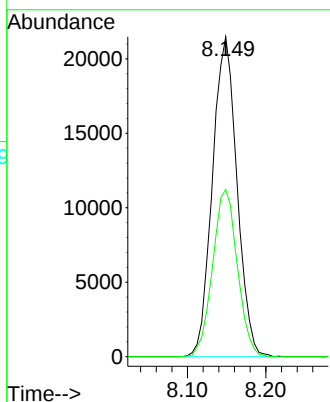
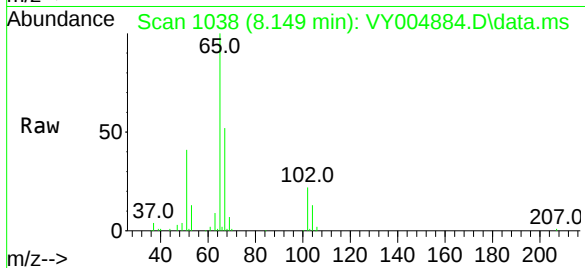




#33
1,2-Dichloroethane-d4
Concen: 52.78 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

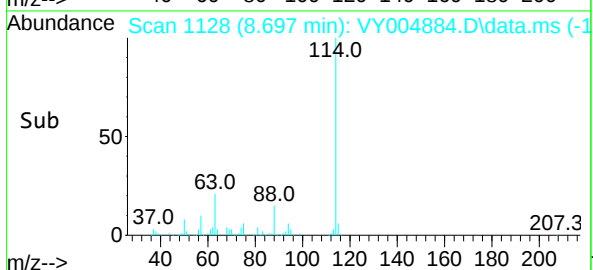
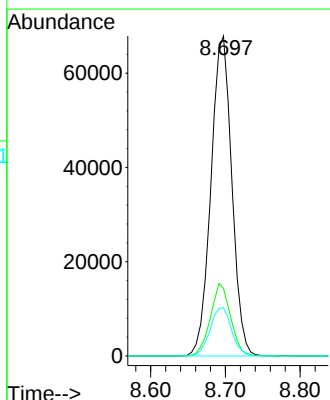
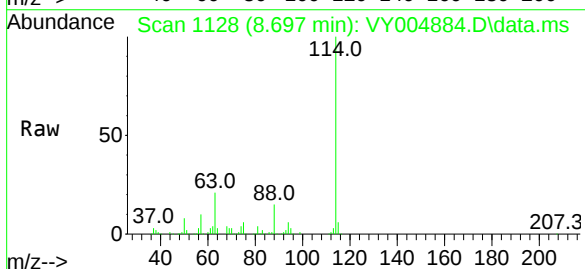
Instrument :
MSVOA_Y
ClientSampled :
115

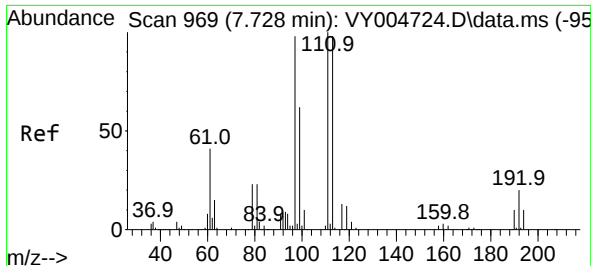
Tgt Ion: 65 Resp: 46739
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

Tgt Ion: 114 Resp: 131535
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.8
88 15.1 0.0 31.0

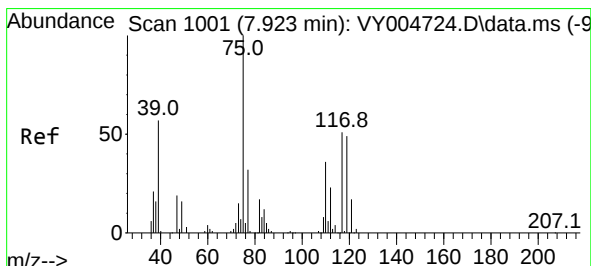
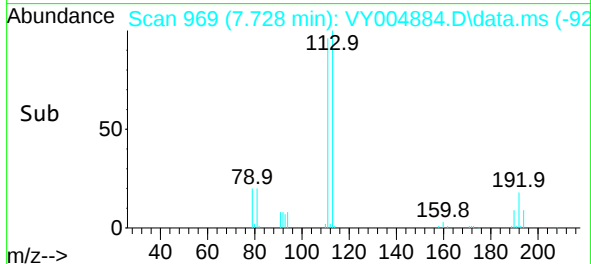
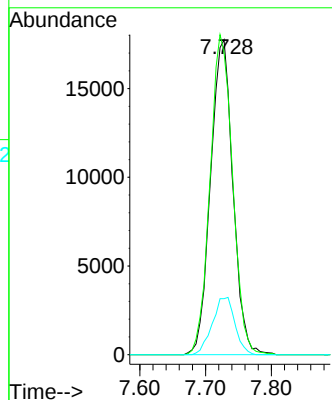
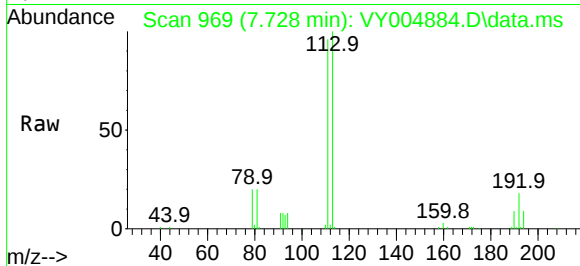




#35
Dibromofluoromethane
Concen: 58.32 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

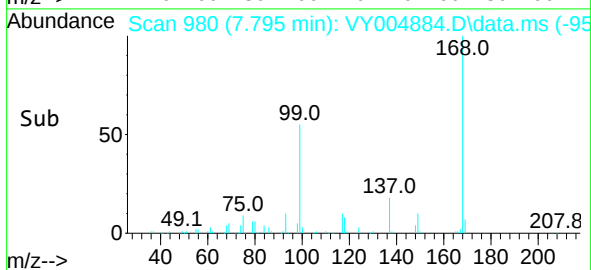
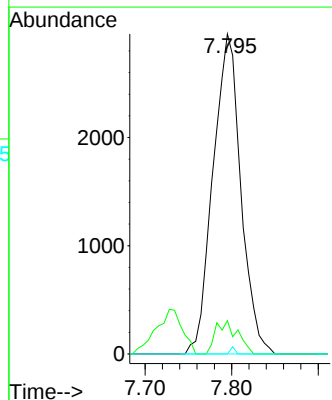
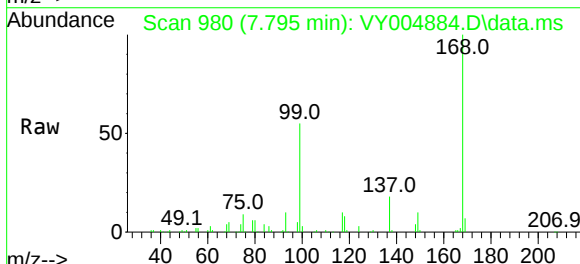
Instrument :
MSVOA_Y
ClientSampled :
115

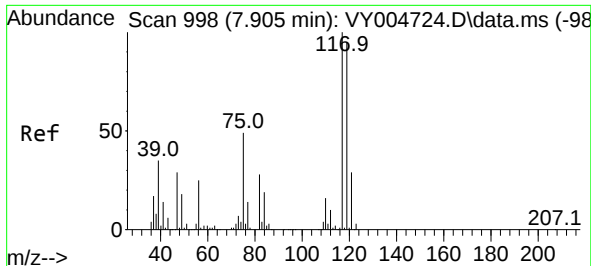
Tgt Ion:	113	Resp:	41997
Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.5	120.7
192	18.4	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

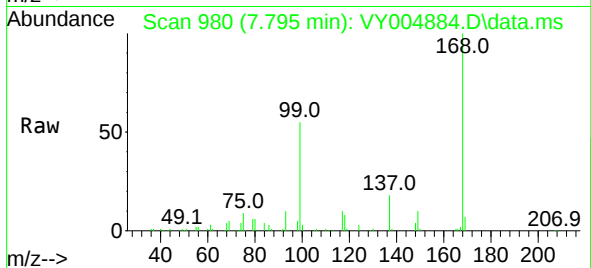
Tgt Ion:	75	Resp:	6601
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.0	50.9#
77	0.4	25.0	37.4#



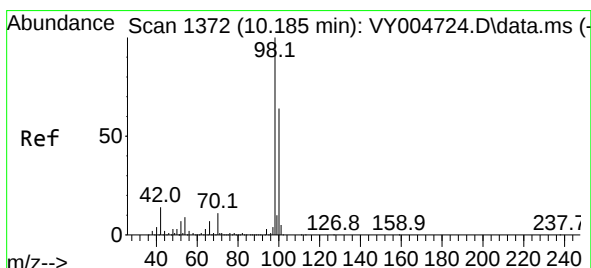
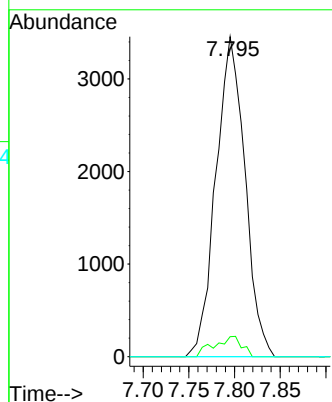
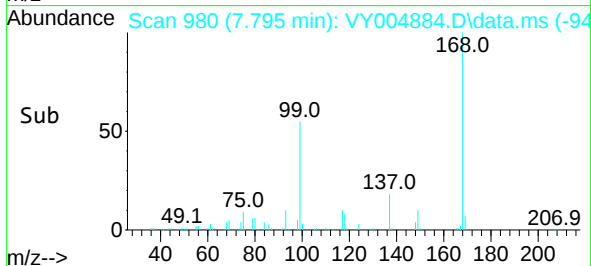


#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

Instrument :
MSVOA_Y
ClientSampleId :
115

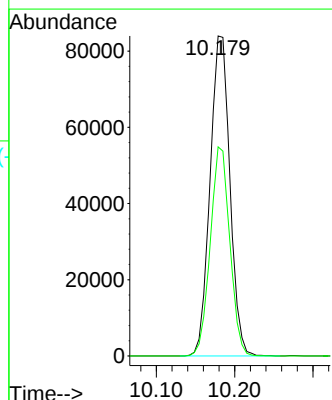
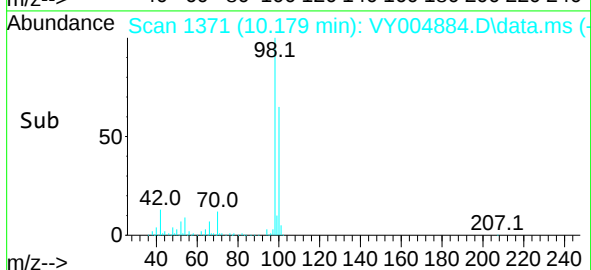
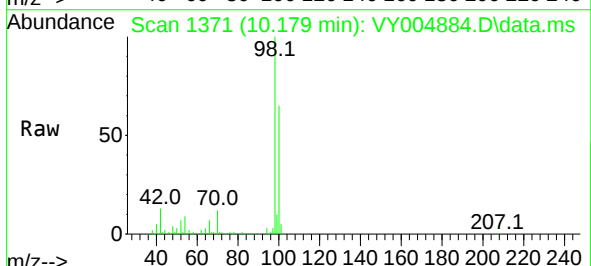


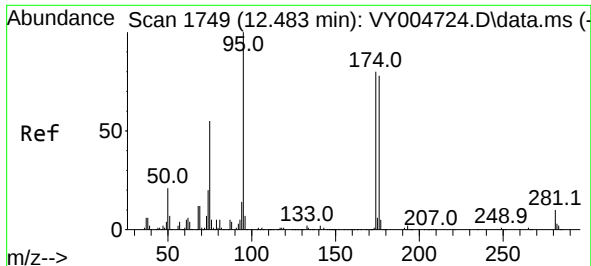
Tgt Ion:117 Resp: 7645
Ion Ratio Lower Upper
117 100
119 6.2 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 45.37 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

Tgt Ion: 98 Resp: 147580
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

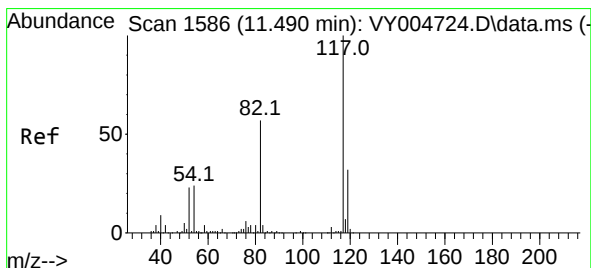
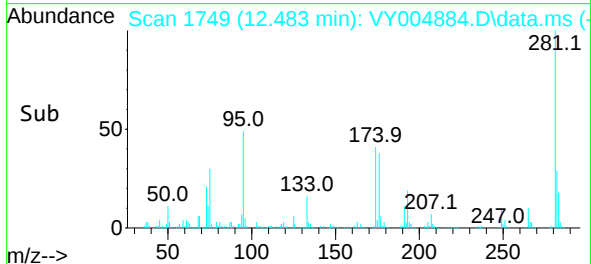
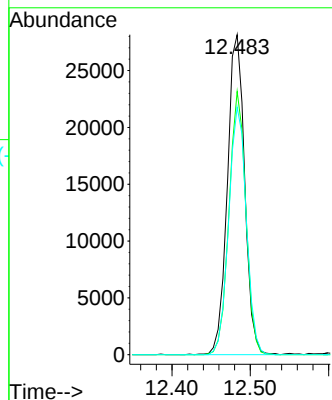
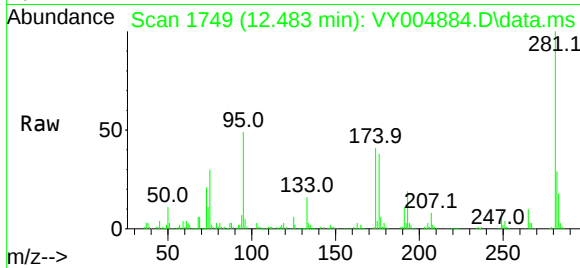




#62
4-Bromofluorobenzene
Concen: 39.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

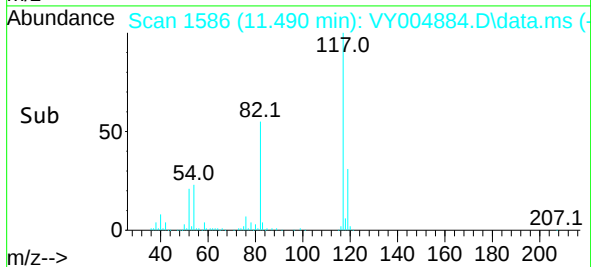
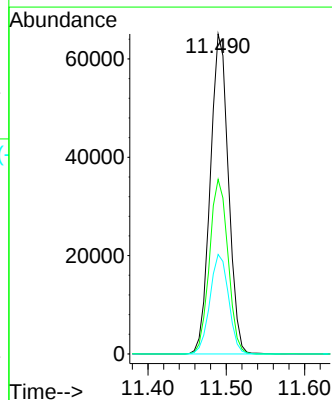
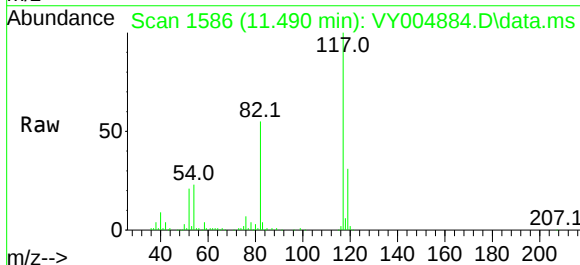
Instrument :
MSVOA_Y
ClientSampled :
115

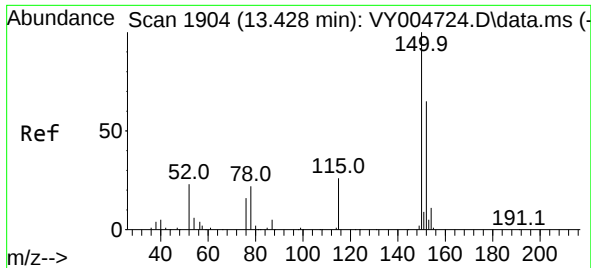
Tgt Ion: 95 Resp: 43174
Ion Ratio Lower Upper
95 100
174 79.8 0.0 164.2
176 78.7 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

Tgt Ion: 117 Resp: 104520
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.2
119 31.1 25.8 38.6

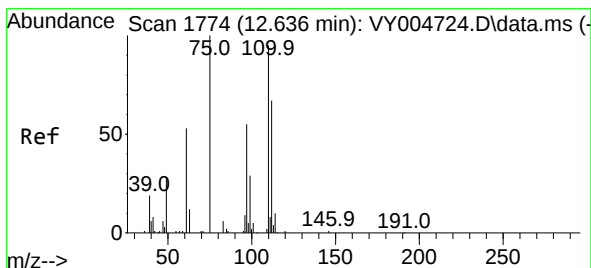
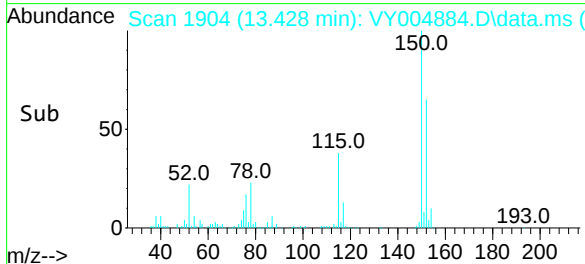
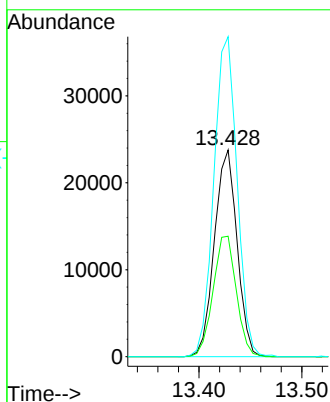
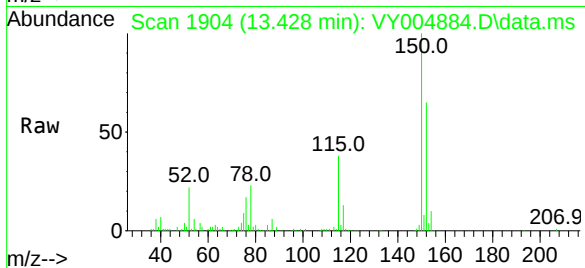




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

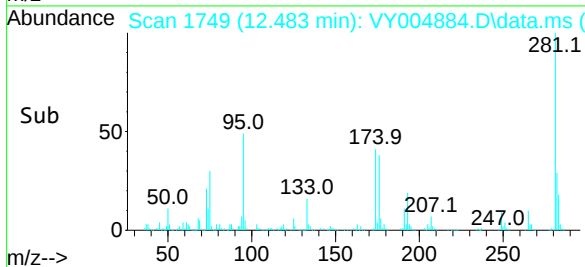
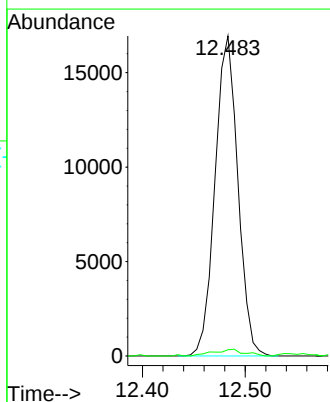
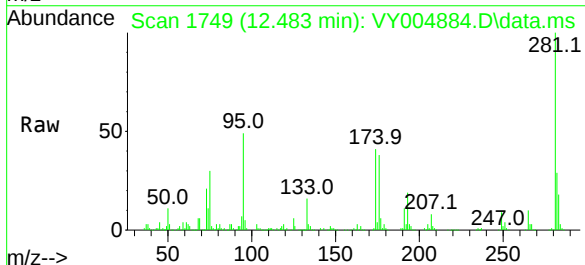
Instrument :
MSVOA_Y
ClientSampled :
115

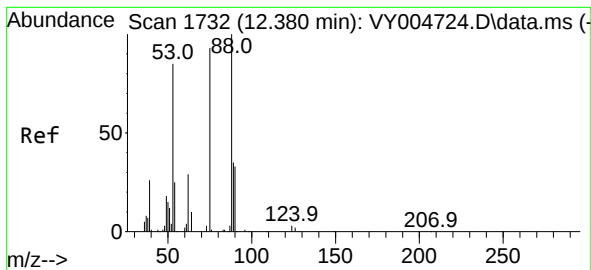
Tgt Ion:152 Resp: 36368
Ion Ratio Lower Upper
152 100
115 59.9 29.4 88.3
150 158.4 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 67.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004884.D
Acq: 26 May 2021 14:17

Tgt Ion: 75 Resp: 26097
Ion Ratio Lower Upper
75 100
77 2.8 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 117.14 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY004884.D

Acq: 26 May 2021 14:17

Tgt Ion: 75 Resp: 26097

Ion Ratio Lower Upper

75 100

53 0.3 73.9 110.9#

89 4.1 35.5 53.3#

Instrument :

MSVOA_Y

ClientSampleId :

115

