

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004821.D
 Acq On : 18 May 2021 12:45
 Operator : SY/MD
 Sample : M2392-10
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:02:46 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)

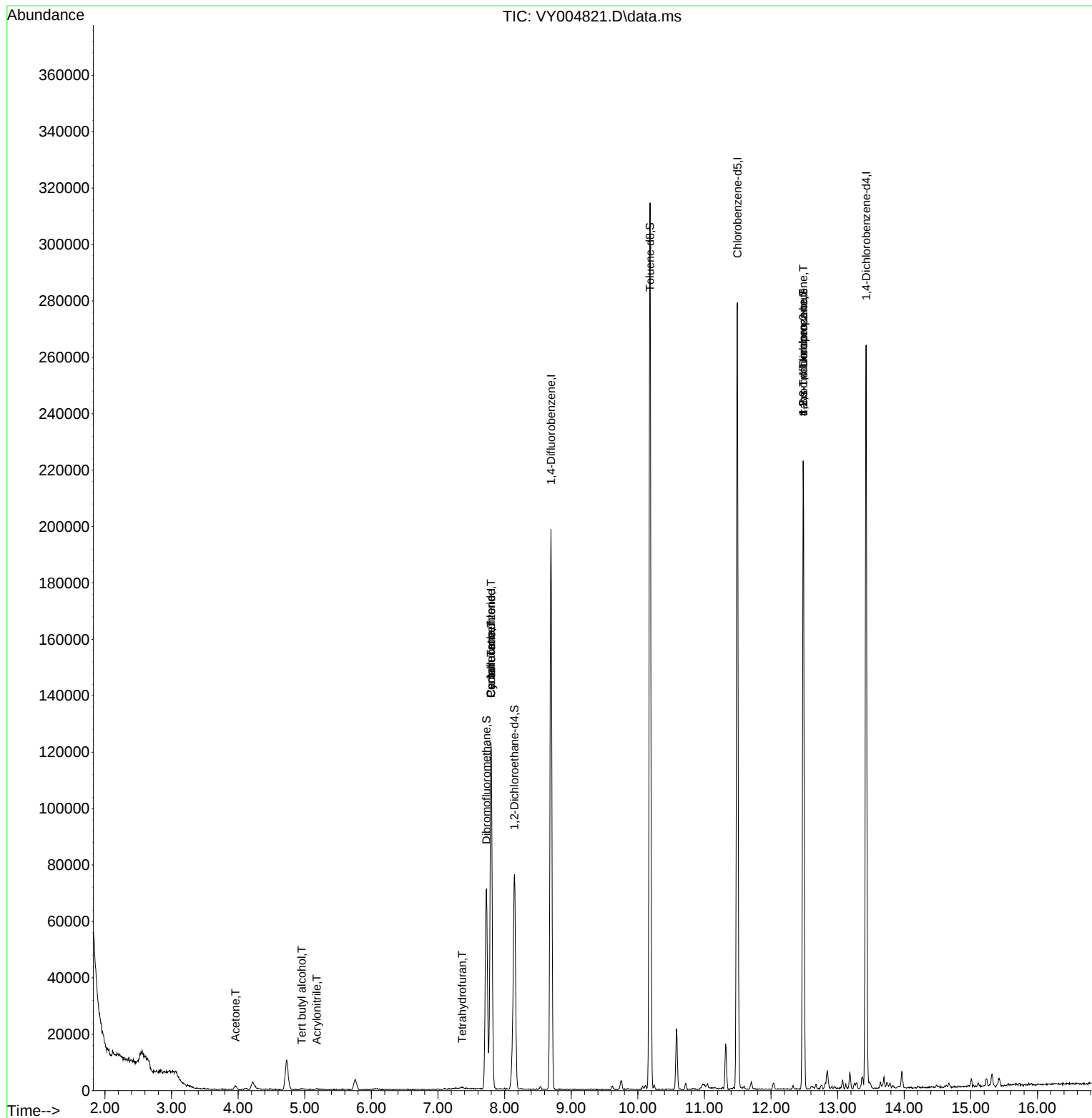
Internal Standards						
1) Pentafluorobenzene	7.795	168	91948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	160165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	145974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55831	51.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.02%
35) Dibromofluoromethane	7.728	113	49177	56.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.18%
50) Toluene-d8	10.185	98	197438	49.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.70%
62) 4-Bromofluorobenzene	12.483	95	60438	45.21	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.42%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	325	2.95	ug/l #	71
15) Acrylonitrile	5.180	53	346	1.18	ug/l #	69
16) Acetone	3.960	43	2340	9.52	ug/l	96
20) Methylene Chloride	4.729	84	7330	Below	Cal	96
29) Tetrahydrofuran	7.362	42	417	1.50	ug/l #	39
31) Cyclohexane	7.795	56	2420	1.37	ug/l #	42
38) Carbon Tetrachloride	7.795	117	9527	6.46	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	33139	49.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33139	86.22	ug/l #	13

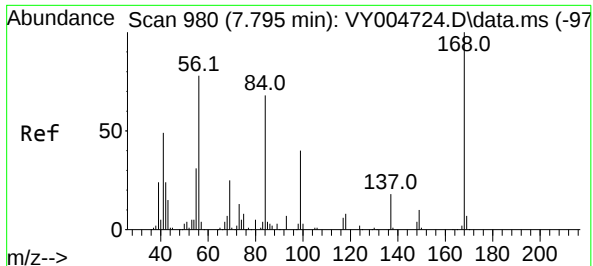
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
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Response via : Initial Calibration

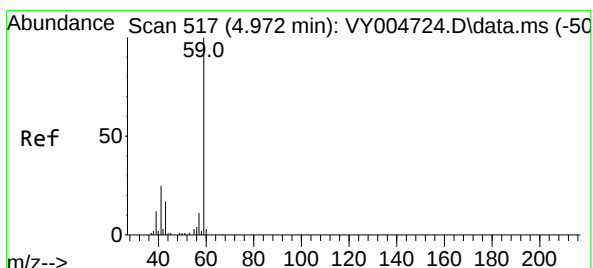
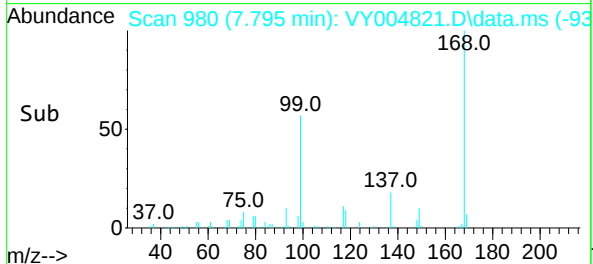
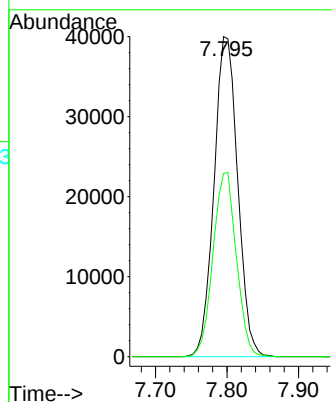
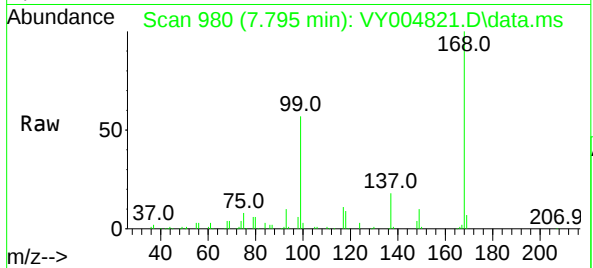




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

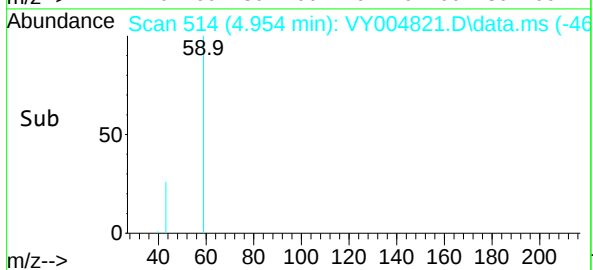
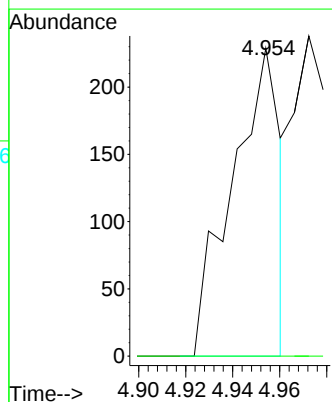
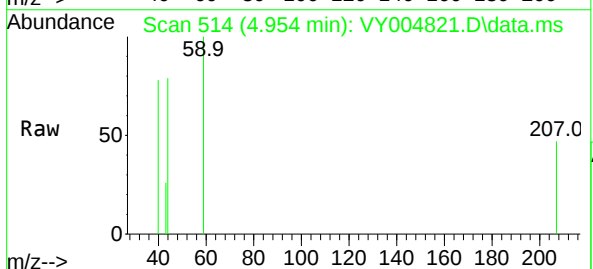
Instrument :
MSVOA_Y
ClientSampleId :

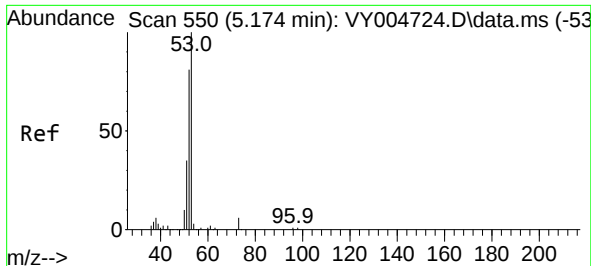
Tgt Ion:168 Resp: 91948
Ion Ratio Lower Upper
168 100
99 57.3 45.6 68.4



#11
Tert butyl alcohol
Concen: 2.95 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

Tgt Ion: 59 Resp: 325
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

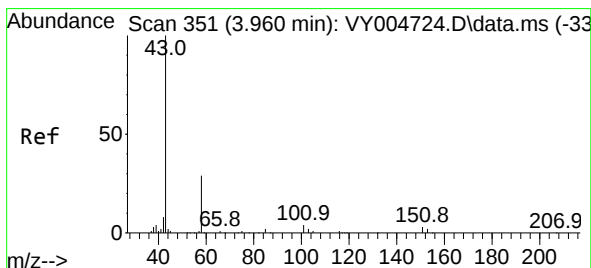
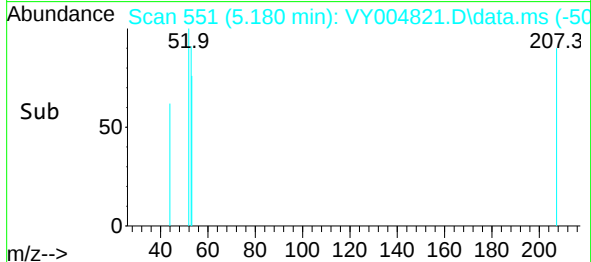
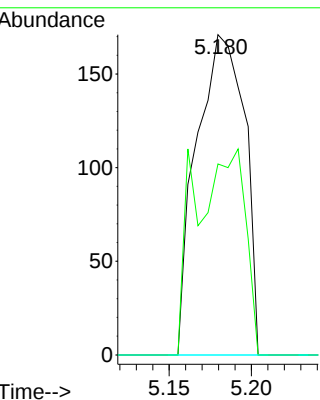
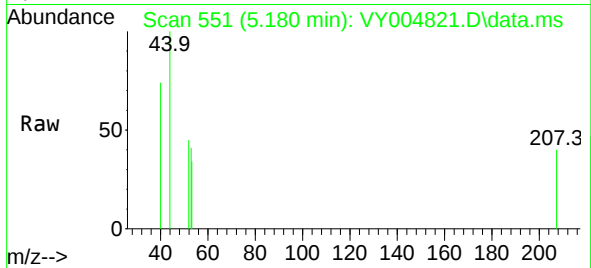




#15
Acrylonitrile
Concen: 1.18 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

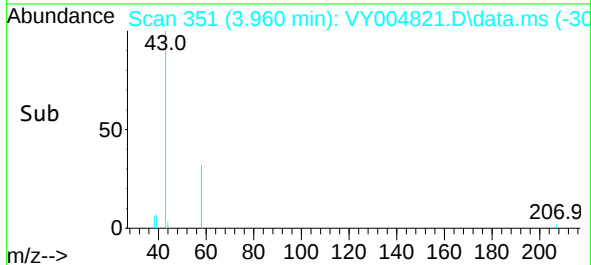
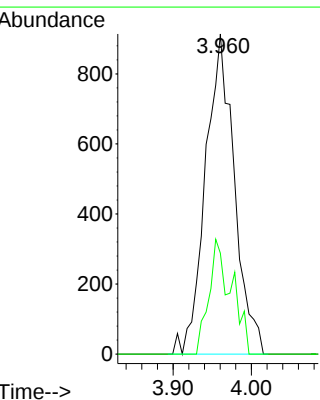
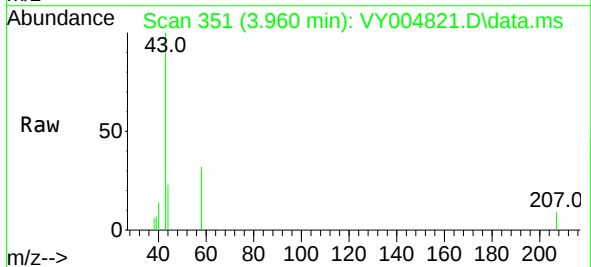
Instrument :
MSVOA_Y
ClientSampled :

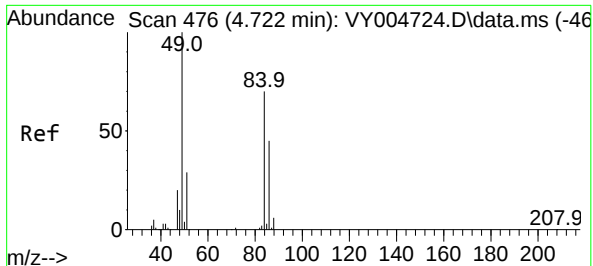
Tgt Ion: 53 Resp: 346
Ion Ratio Lower Upper
53 100
52 66.5 65.0 97.6
51 0.0 29.3 43.9#



#16
Acetone
Concen: 9.52 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

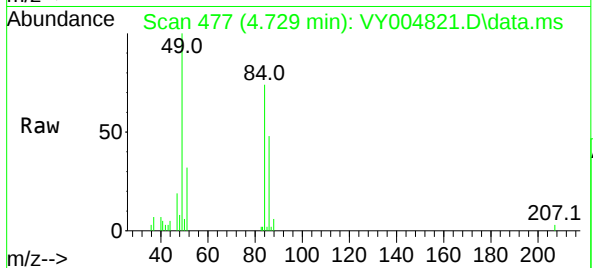
Tgt Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
58 31.5 23.6 35.4



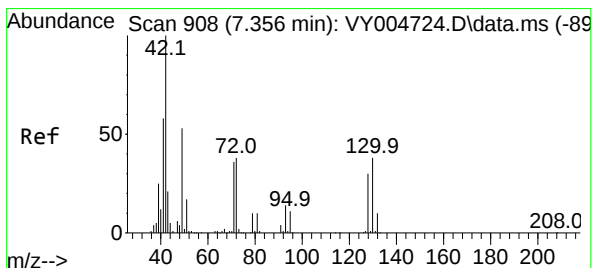
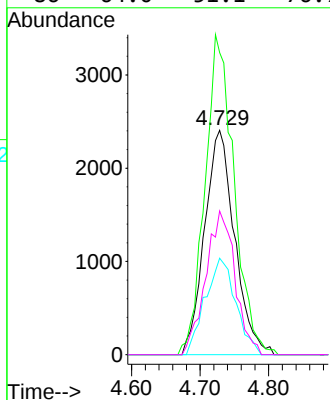
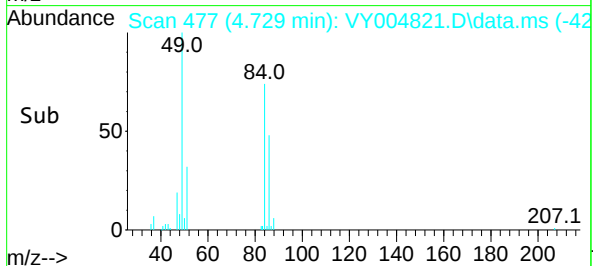


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

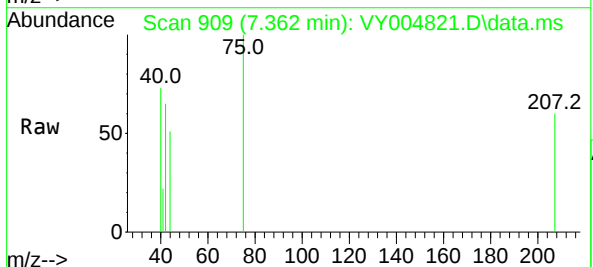
Instrument :
MSVOA_Y
ClientSampleId :



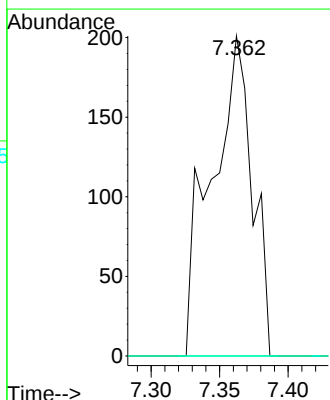
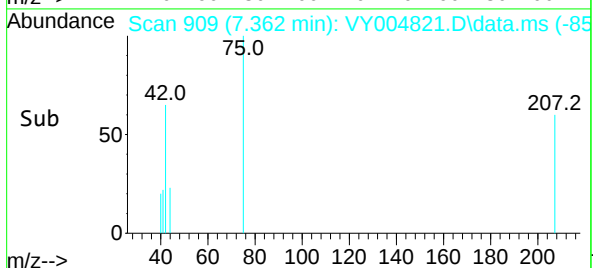
Tgt Ion:	84	Resp:	7330
Ion	Ratio	Lower	Upper
84	100		
49	134.7	113.8	170.8
51	43.0	33.5	50.3
86	64.0	51.1	76.7

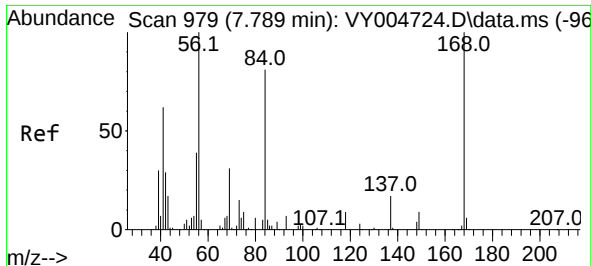


#29
Tetrahydrofuran
Concen: 1.50 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45



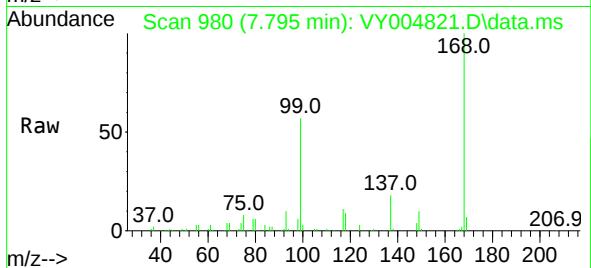
Tgt Ion:	42	Resp:	417
Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.4	44.0#
71	0.0	28.0	42.0#



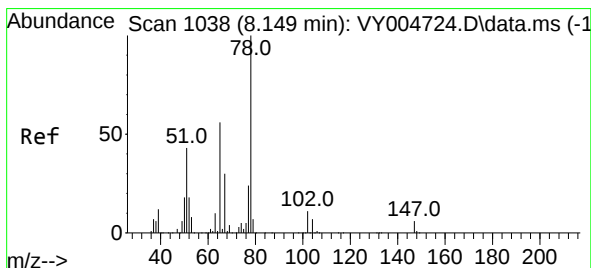
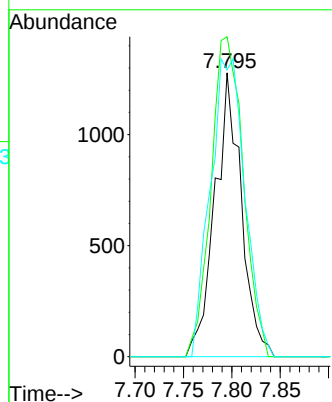
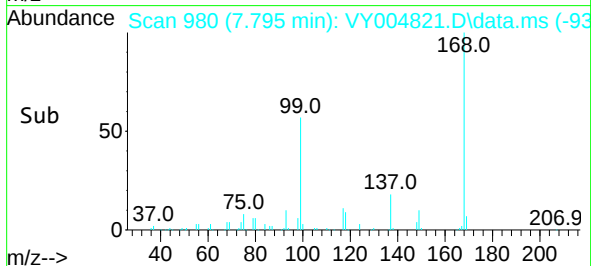


#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

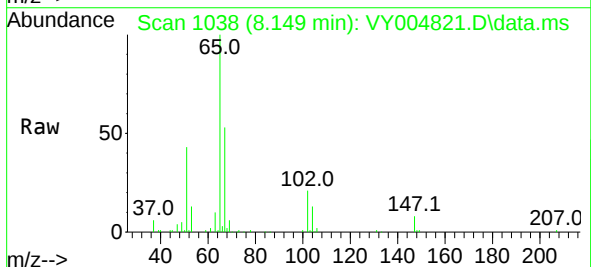
Instrument :
MSVOA_Y
ClientSampled :



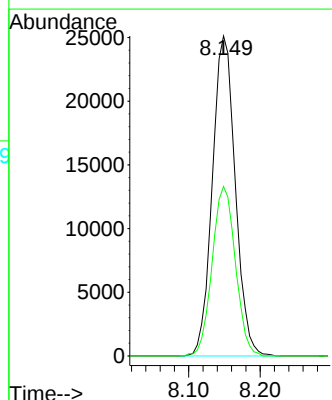
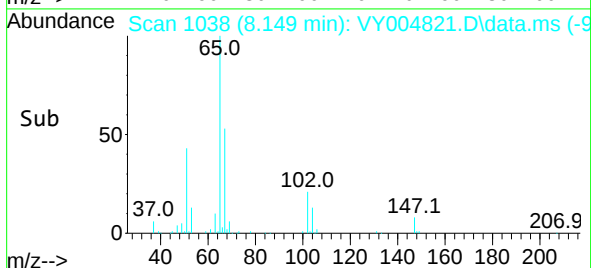
Tgt Ion: 56 Resp: 2420
Ion Ratio Lower Upper
56 100
69 112.8 24.4 36.6#
84 101.0 64.8 97.2#

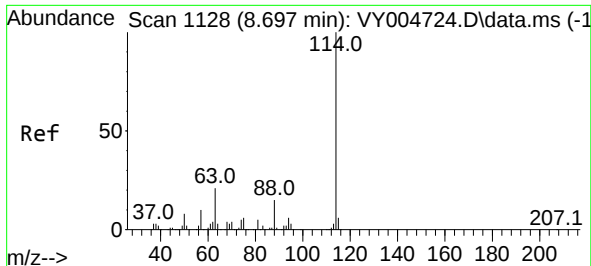


#33
1,2-Dichloroethane-d4
Concen: 51.01 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45



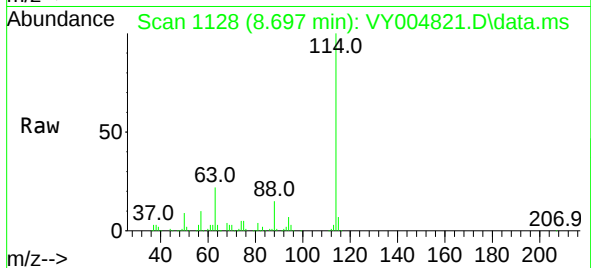
Tgt Ion: 65 Resp: 55831
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.0



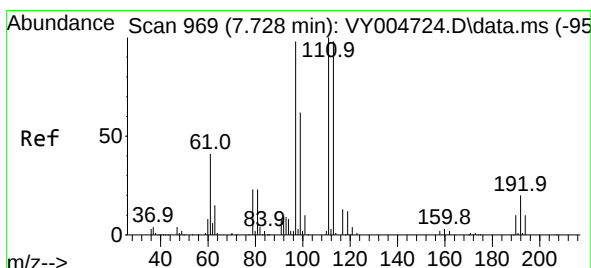
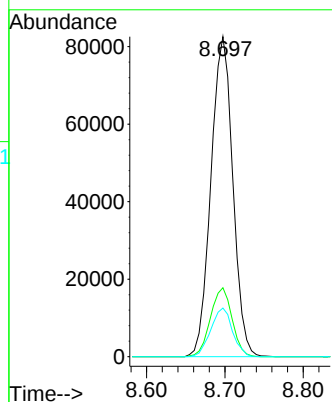
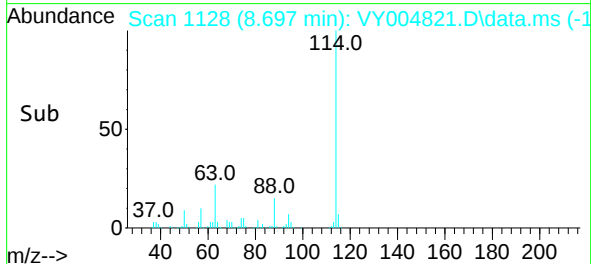


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

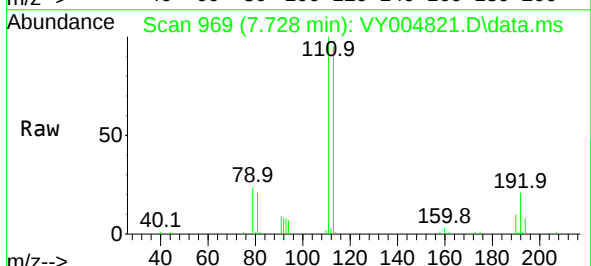
Instrument :
MSVOA_Y
ClientSampled :



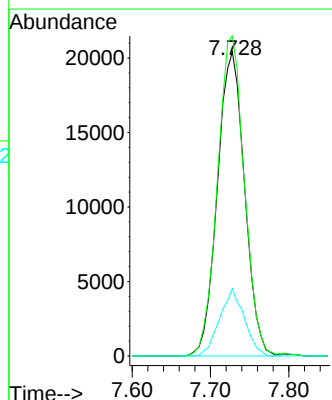
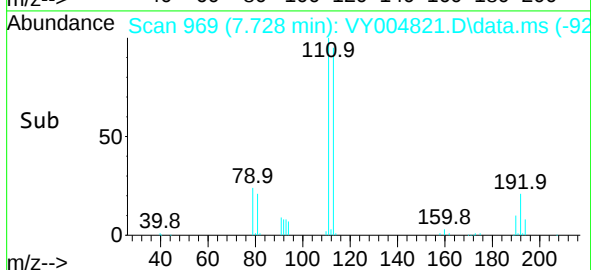
Tgt Ion:114 Resp: 160165
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 15.2 0.0 31.0

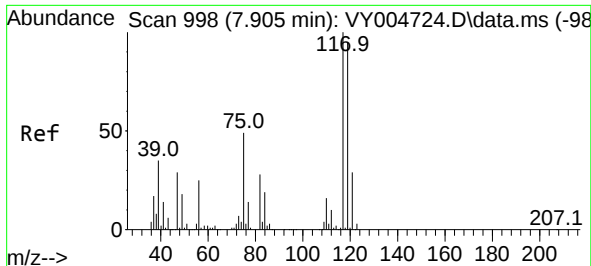


#35
Dibromofluoromethane
Concen: 56.09 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45



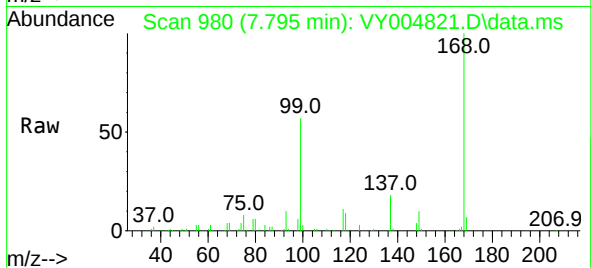
Tgt Ion:113 Resp: 49177
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 20.1 15.0 22.6



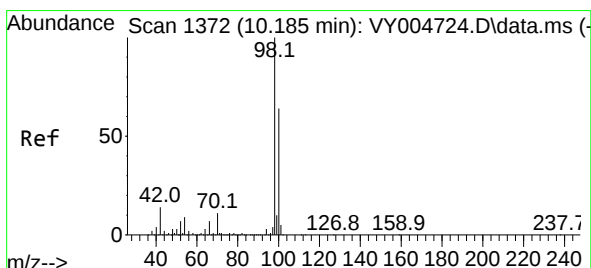
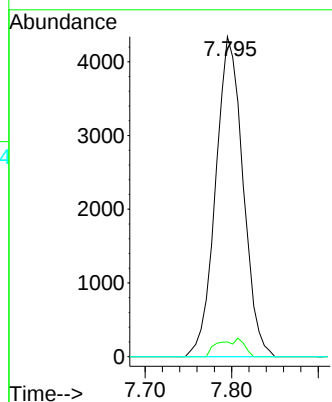
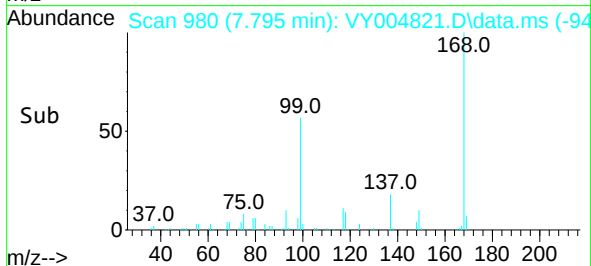


#38
Carbon Tetrachloride
Concen: 6.46 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

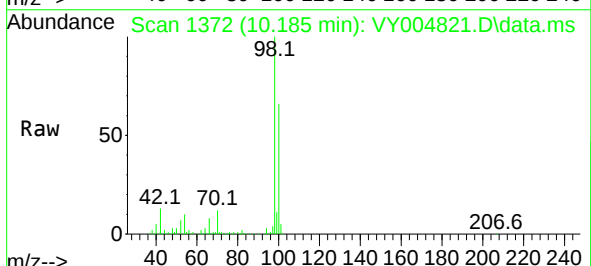
Instrument :
MSVOA_Y
ClientSampleId :



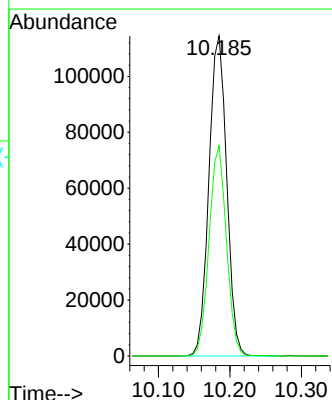
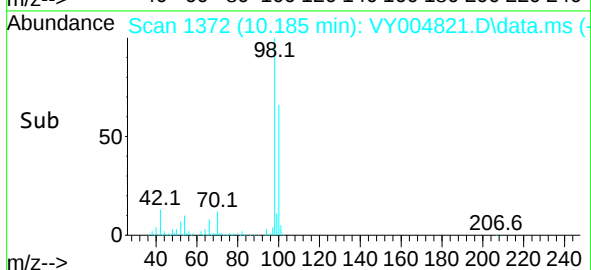
Tgt Ion:117 Resp: 9527
Ion Ratio Lower Upper
117 100
119 4.6 76.3 114.5#
121 0.0 23.0 34.6#

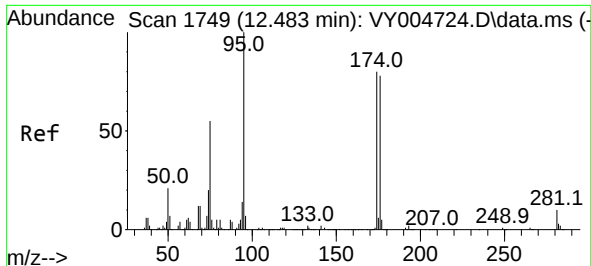


#50
Toluene-d8
Concen: 49.85 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45



Tgt Ion: 98 Resp: 197438
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

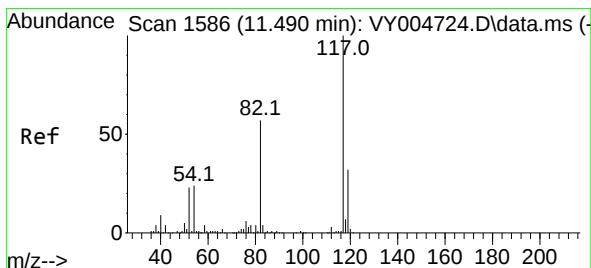
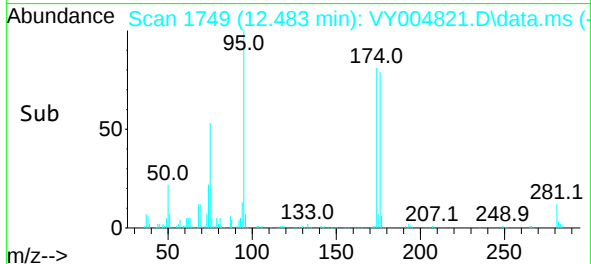
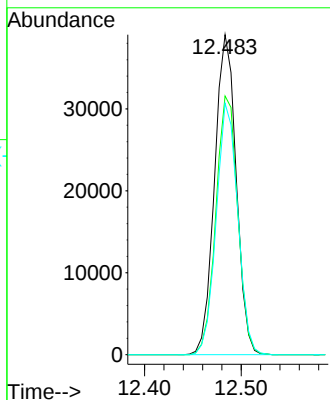
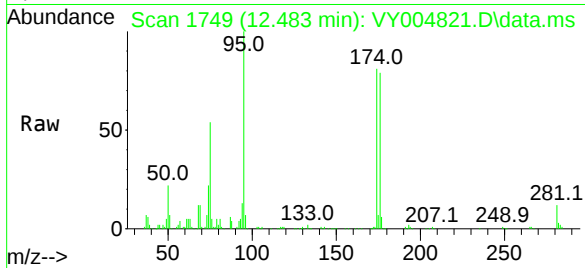




#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

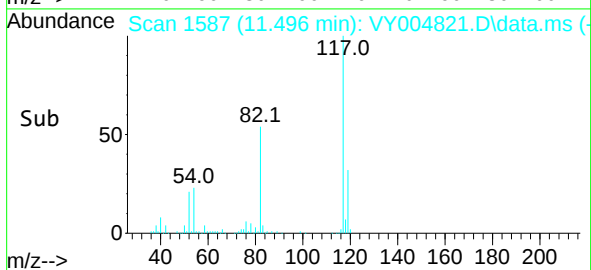
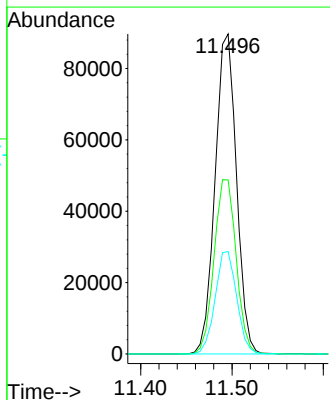
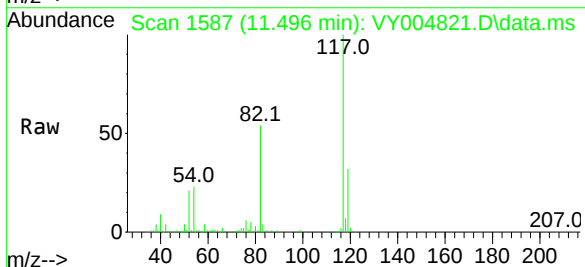
Instrument :
MSVOA_Y
ClientSampled :

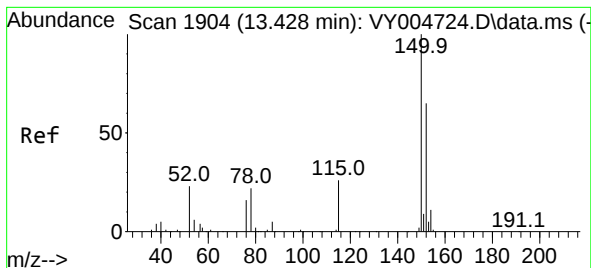
Tgt Ion: 95 Resp: 60438
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.2
176 78.2 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004821.D
Acq: 18 May 2021 12:45

Tgt Ion: 117 Resp: 145974
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.2
119 32.0 25.8 38.6

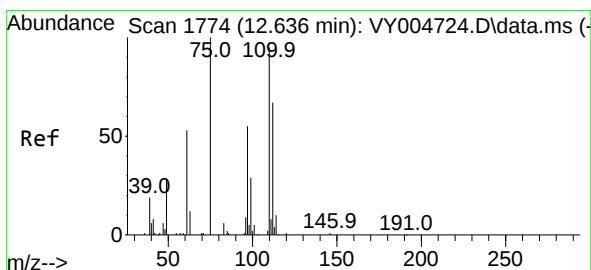
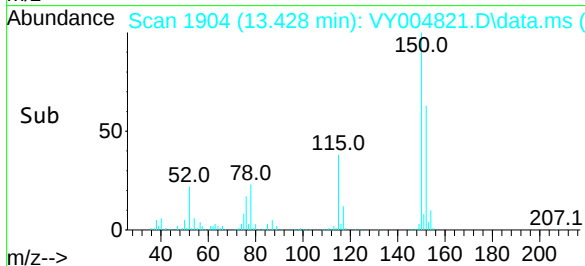
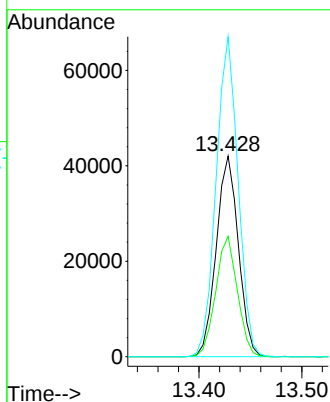
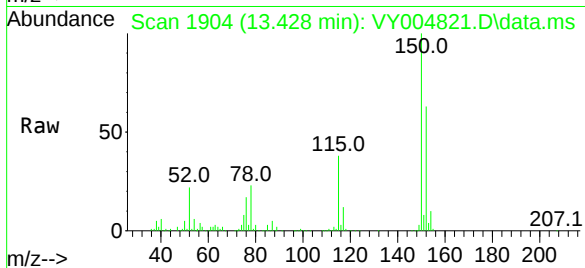




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004821.D
 Acq: 18 May 2021 12:45

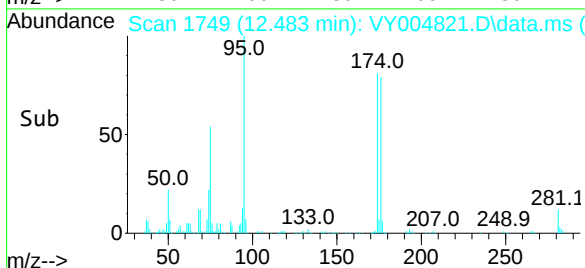
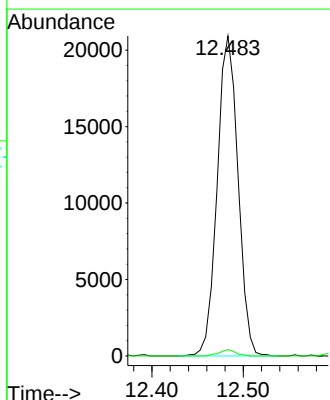
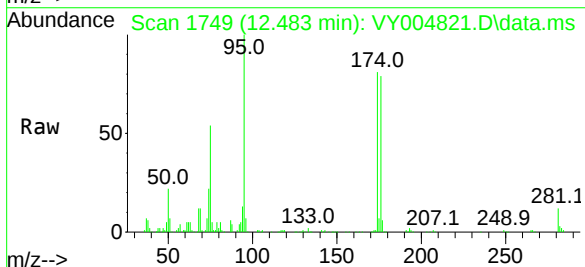
Instrument :
 MSVOA_Y
 ClientSampled :

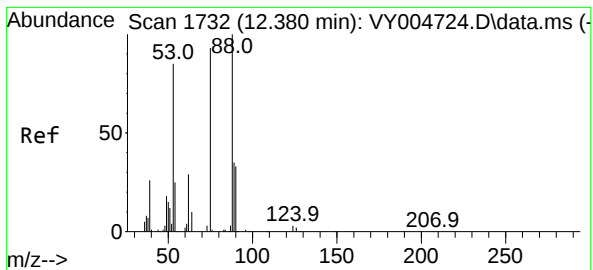
Tgt Ion:152 Resp: 62748
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.4 88.3
 150 158.5 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 49.72 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004821.D
 Acq: 18 May 2021 12:45

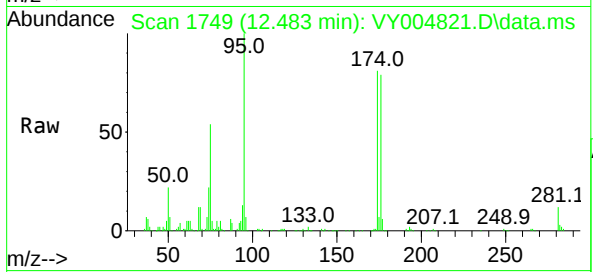
Tgt Ion: 75 Resp: 33139
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.22 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004821.D
 Acq: 18 May 2021 12:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	33139
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.1	35.5	53.3#

