

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005768.D
 Acq On : 19 Aug 2021 14:48
 Operator : SY/MD
 Sample : M3467-08
 Misc : 3.9G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:56:28 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)

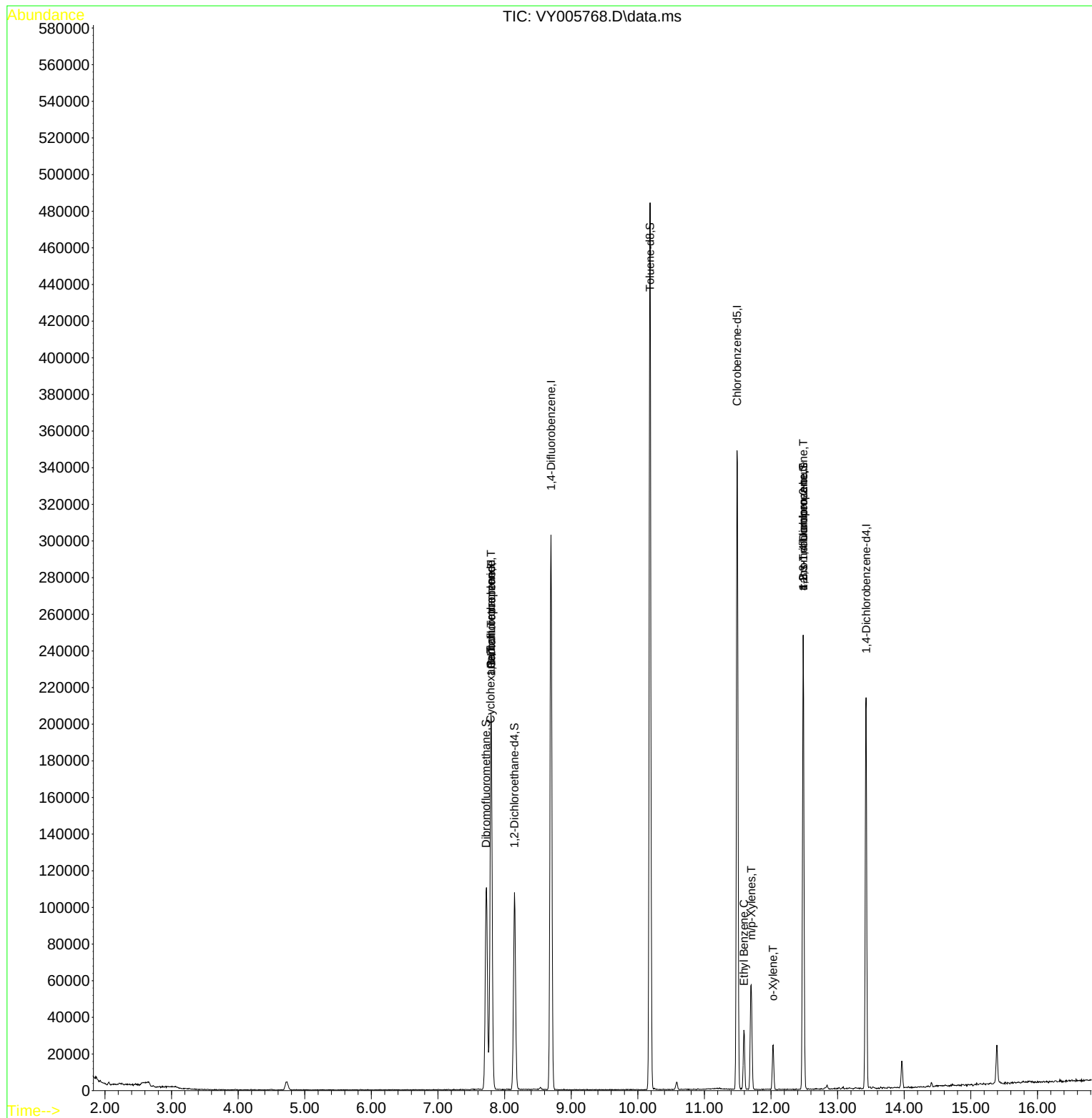
Internal Standards						
1) Pentafluorobenzene	7.795	168	164855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	255285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	84757	50.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.580%	
35) Dibromofluoromethane	7.722	113	74582	52.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.360%	
50) Toluene-d8	10.185	98	312646	52.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.483	95	63409	31.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.880%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	3456	Below Cal	#	83
31) Cyclohexane	7.789	56	3474	1.214	ug/l #	41
36) 1,1-Dichloropropene	7.801	75	11580	4.836	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15375	5.908	ug/l #	17
67) Ethyl Benzene	11.593	91	20883	2.956	ug/l	100
68) m/p-Xylenes	11.703	106	18019	6.567	ug/l	98
69) o-Xylene	12.032	106	6474	2.455	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	34926	59.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34926	120.452	ug/l #	11

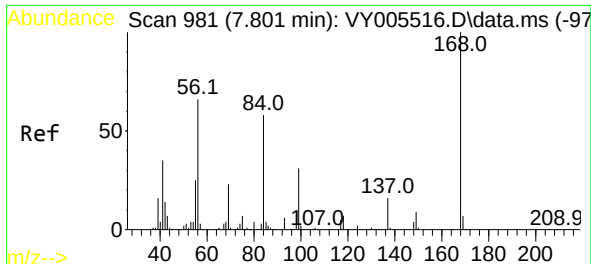
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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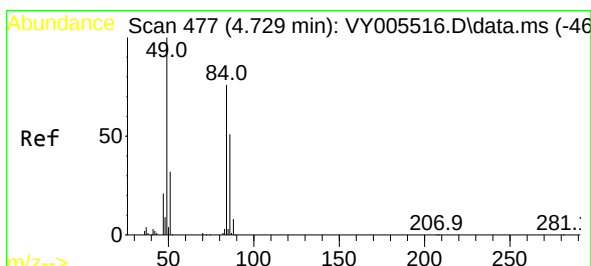
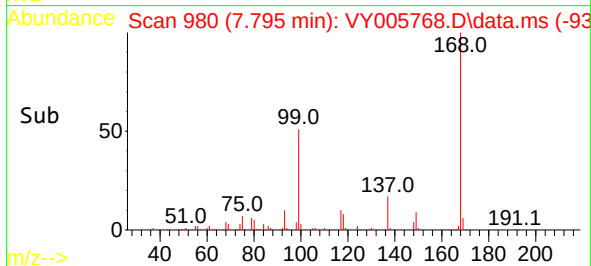
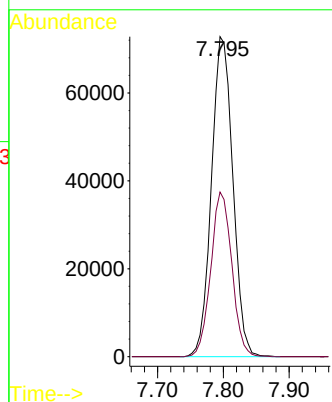
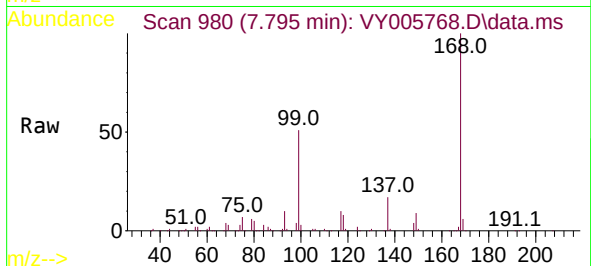




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

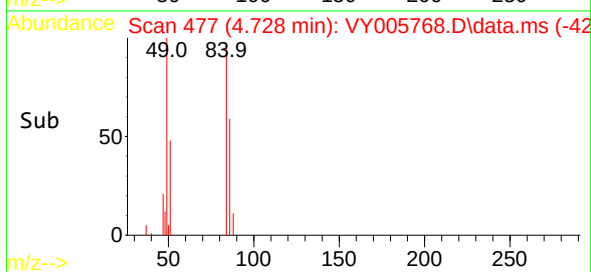
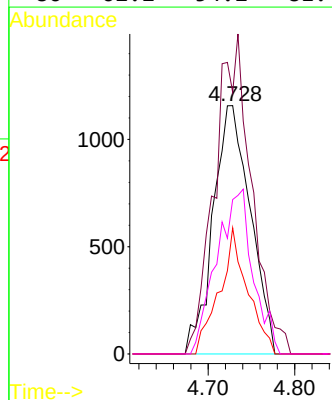
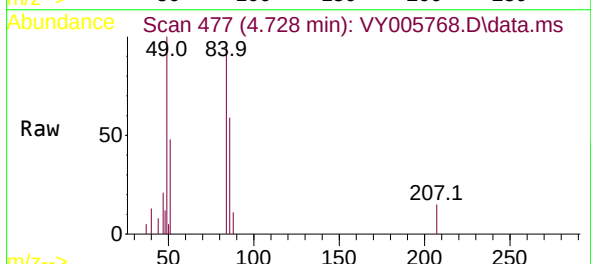
Instrument :
MSVOA_Y
ClientSampleId :

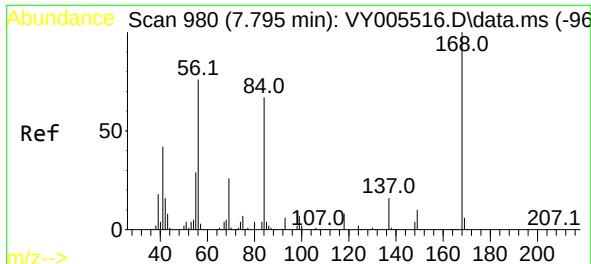
Tgt Ion:168 Resp: 164855
Ion Ratio Lower Upper
168 100
99 51.4 38.9 58.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

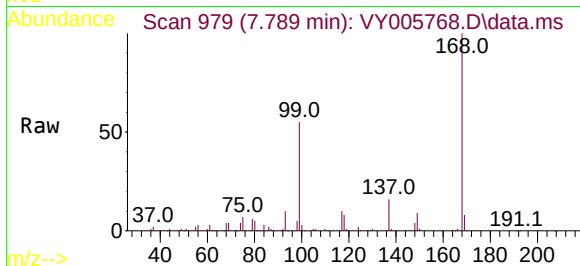
Tgt Ion: 84 Resp: 3456
Ion Ratio Lower Upper
84 100
49 105.4 105.8 158.6#
51 50.8 33.4 50.2#
86 62.2 54.2 81.4



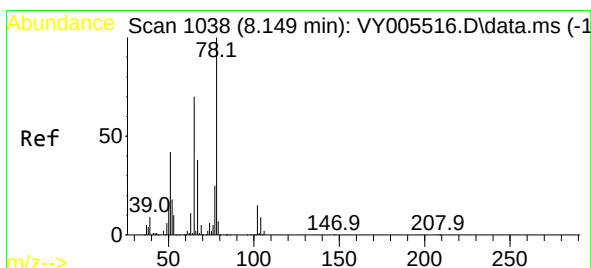
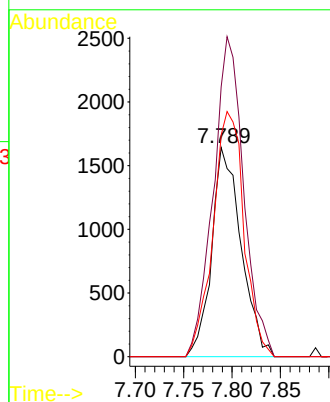
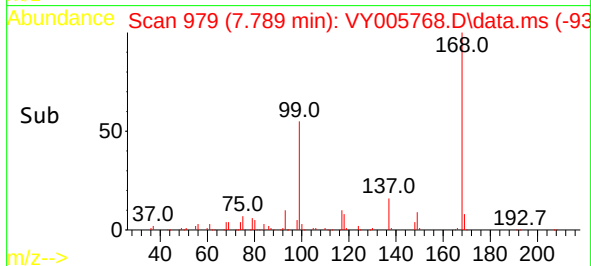


#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Instrument :
MSVOA_Y
ClientSampleId :

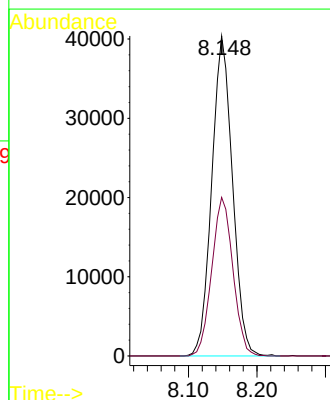
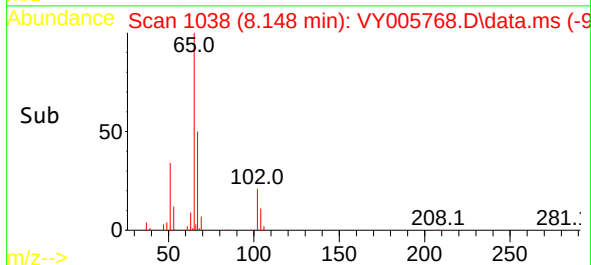
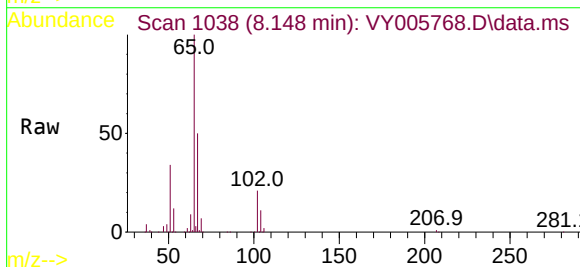


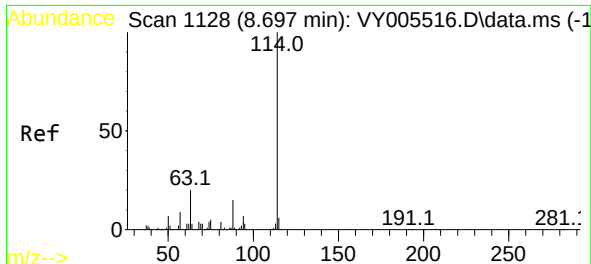
Tgt Ion: 56 Resp: 3474
Ion Ratio Lower Upper
56 100
69 129.0 27.7 41.5#
84 106.0 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 50.791 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion: 65 Resp: 84757
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

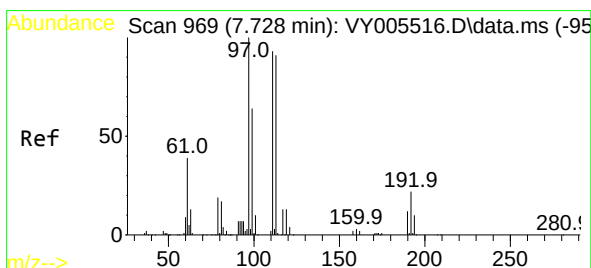
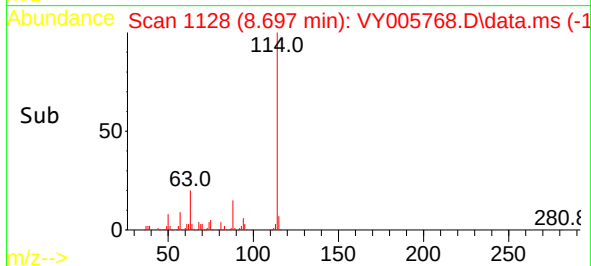
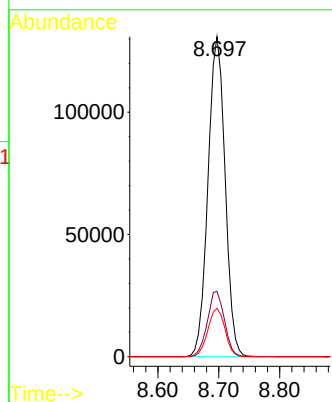
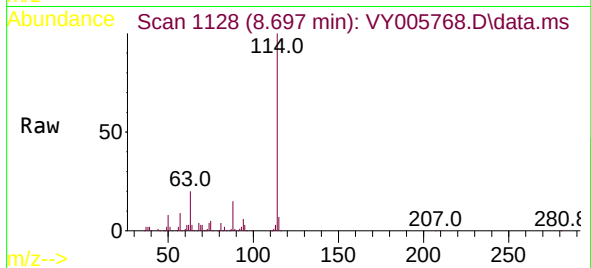
Delta R.T. -0.000 min

Lab File: VY005768.D

Acq: 19 Aug 2021 14:48

Tgt Ion:	114	Resp:	255285
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	39.2
88	15.1	0.0	30.8

Instrument :
MSVOA_Y
ClientSampleId :



#35

Dibromofluoromethane

Concen: 52.182 ug/l

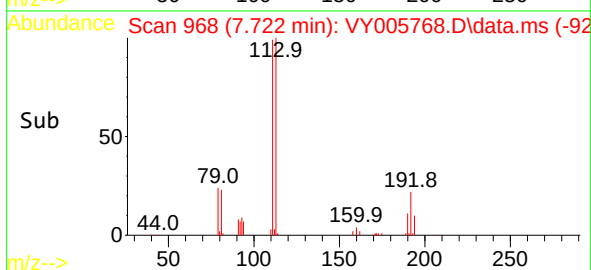
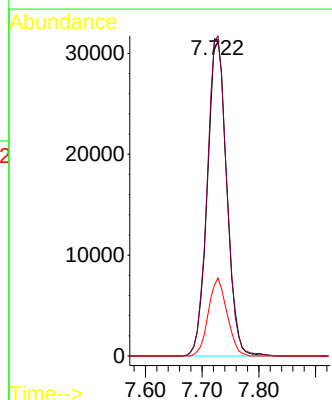
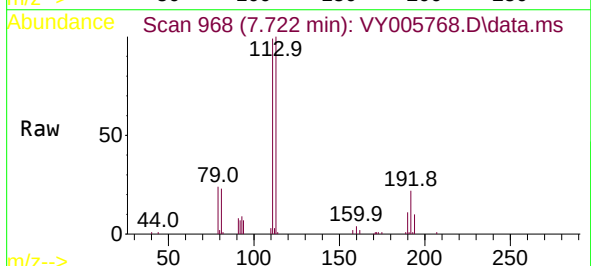
RT: 7.722 min Scan# 968

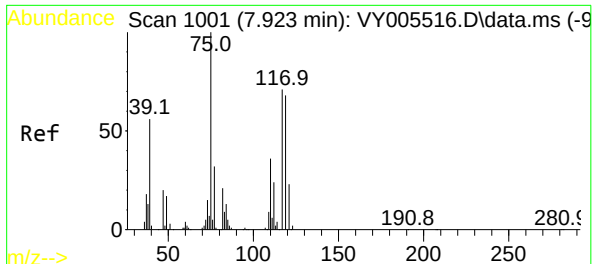
Delta R.T. -0.006 min

Lab File: VY005768.D

Acq: 19 Aug 2021 14:48

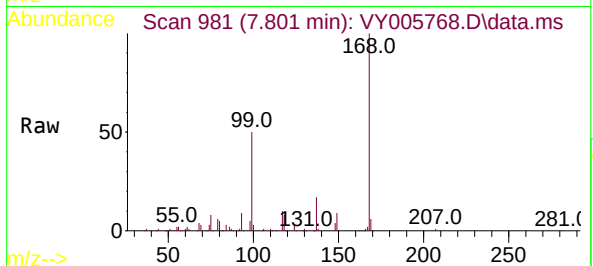
Tgt Ion:	113	Resp:	74582
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.9	122.9
192	23.7	19.2	28.8



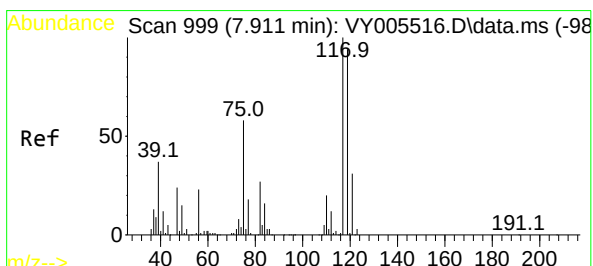
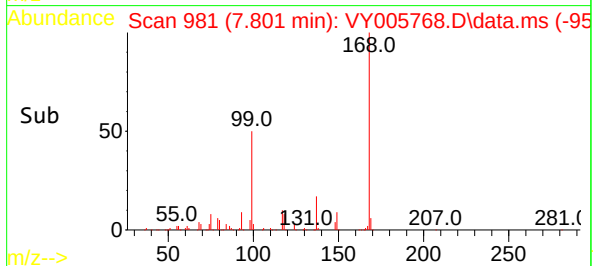
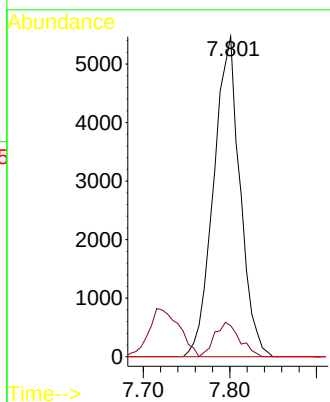


#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Instrument :
MSVOA_Y
ClientSampleId :

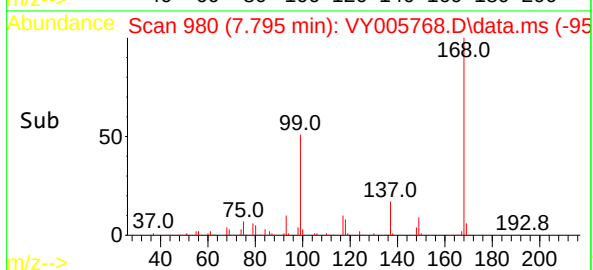
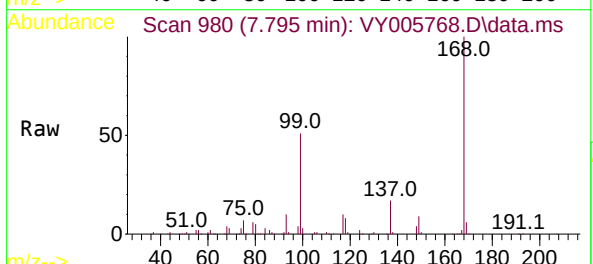
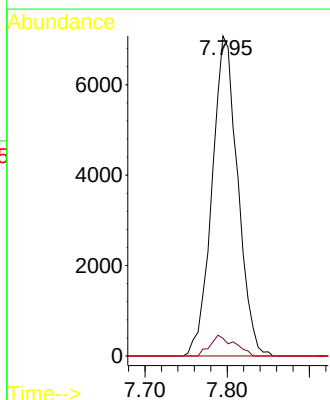


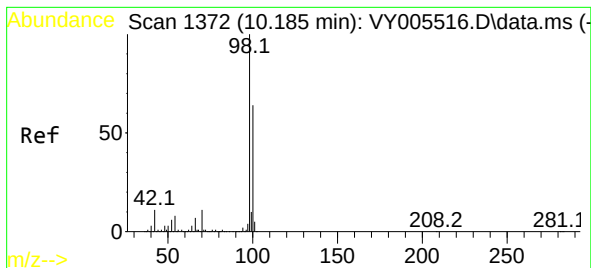
Tgt Ion: 75 Resp: 11580
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion: 117 Resp: 15375
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.0#
121 0.0 25.1 37.7#

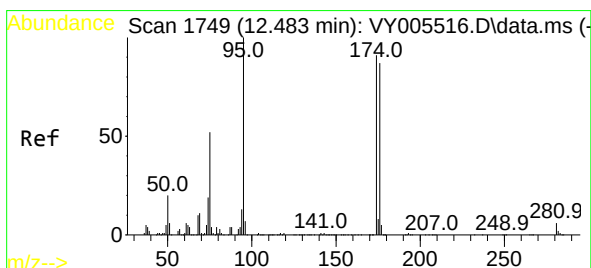
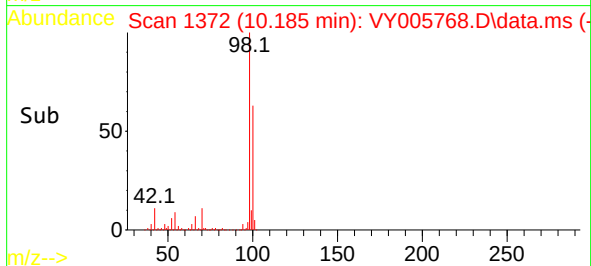
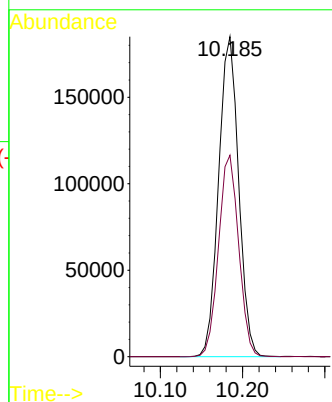
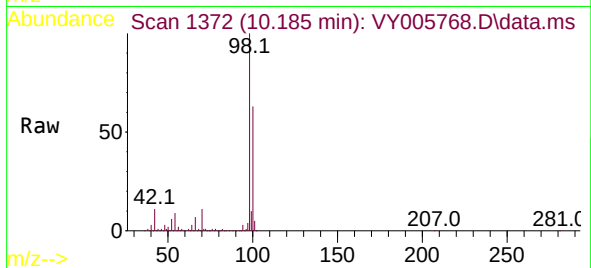




#50
Toluene-d8
Concen: 52.157 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

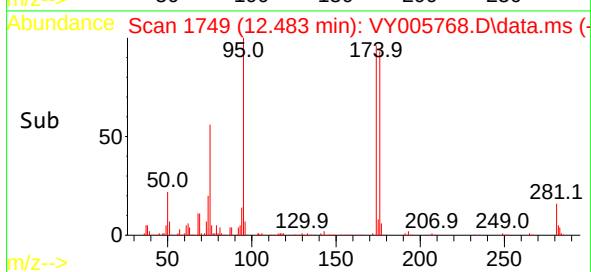
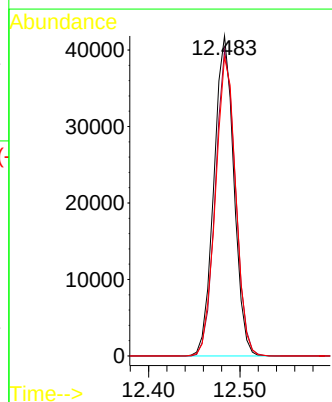
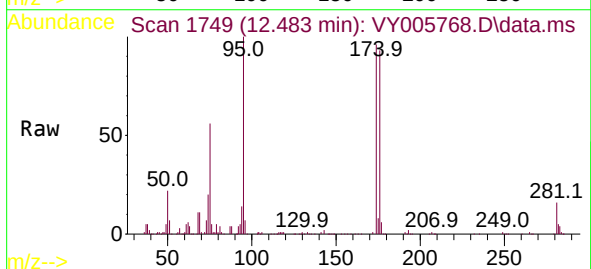
Instrument :
MSVOA_Y
ClientSampled :

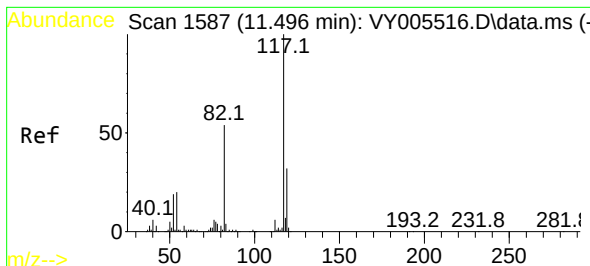
Tgt Ion: 98 Resp: 312646
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 31.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion: 95 Resp: 63409
Ion Ratio Lower Upper
95 100
174 95.8 0.0 191.4
176 94.8 0.0 183.6

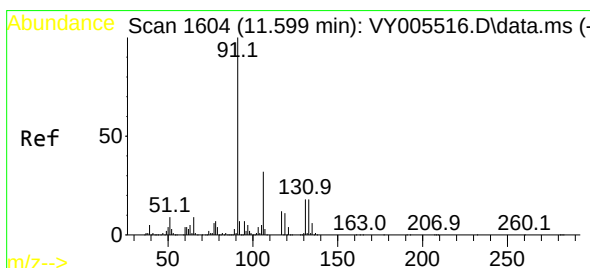
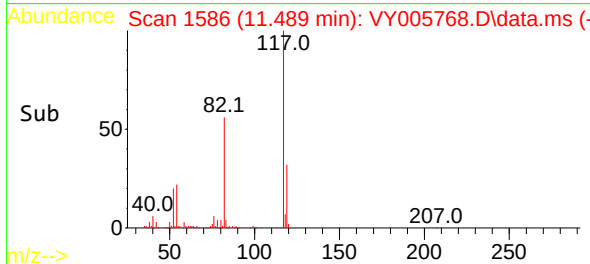
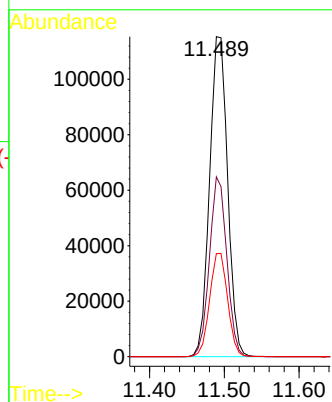
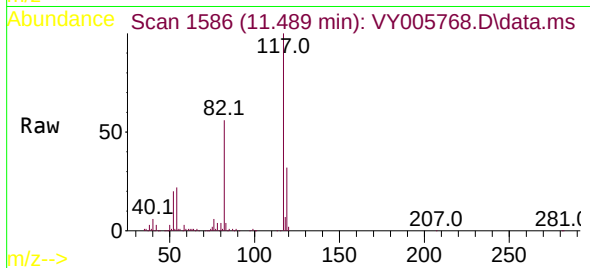




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

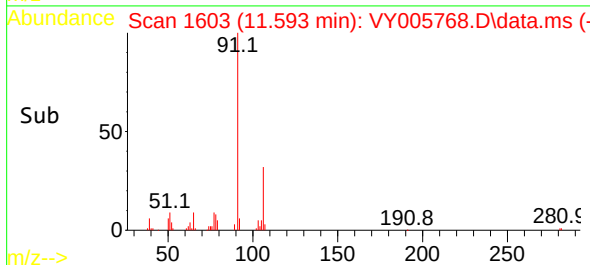
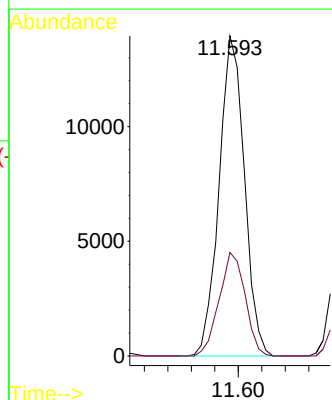
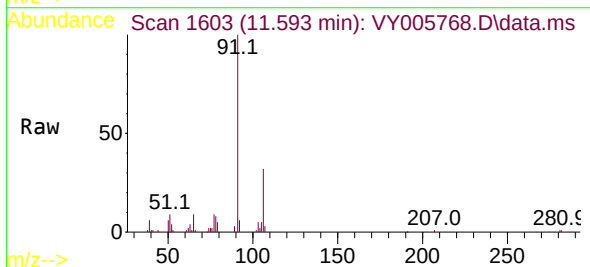
Instrument :
MSVOA_Y
ClientSampled :

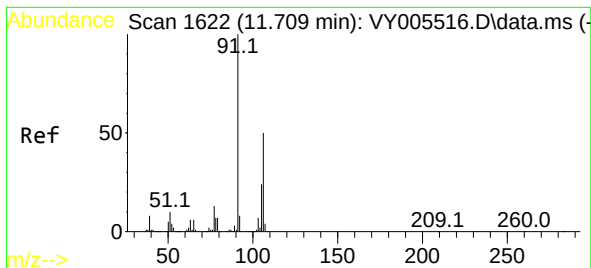
Tgt Ion:117 Resp: 193600
Ion Ratio Lower Upper
117 100
82 56.2 43.5 65.3
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 2.956 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion: 91 Resp: 20883
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.6

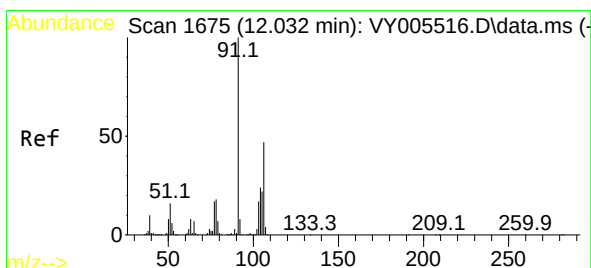
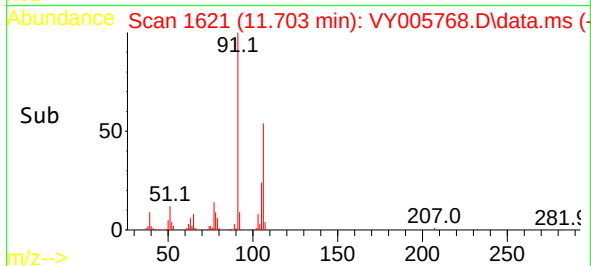
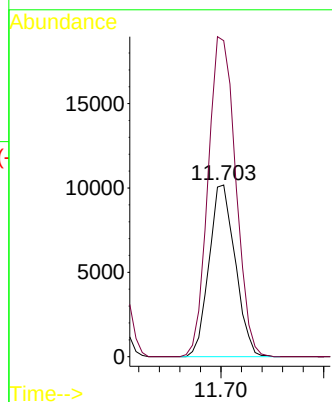
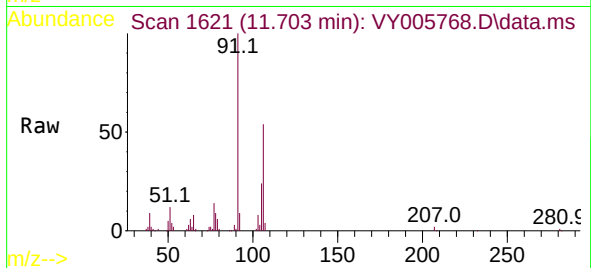




#68
m/p-Xylenes
Concen: 6.567 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

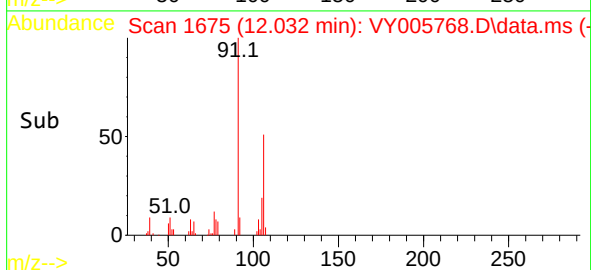
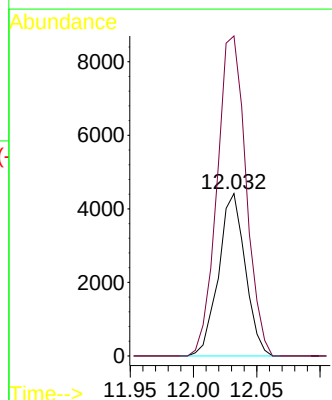
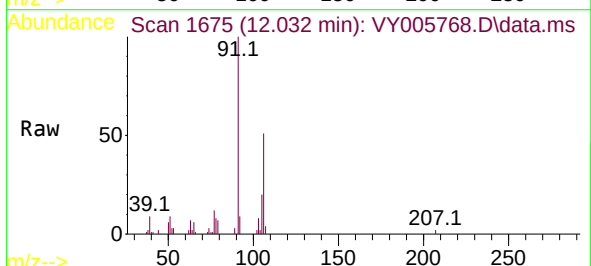
Instrument :
MSVOA_Y
ClientSampleId :

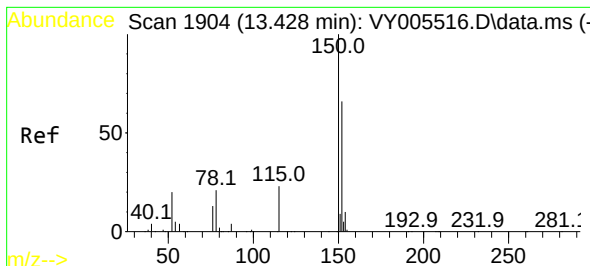
Tgt Ion:106 Resp: 18019
Ion Ratio Lower Upper
106 100
91 196.6 159.6 239.4



#69
o-Xylene
Concen: 2.455 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion:106 Resp: 6474
Ion Ratio Lower Upper
106 100
91 213.8 106.2 318.6

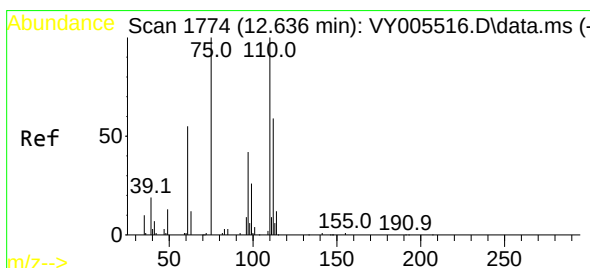
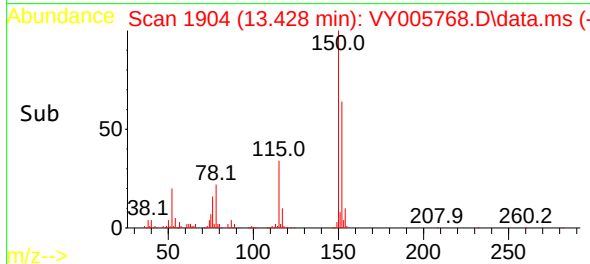
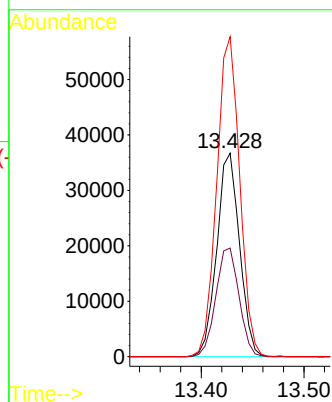
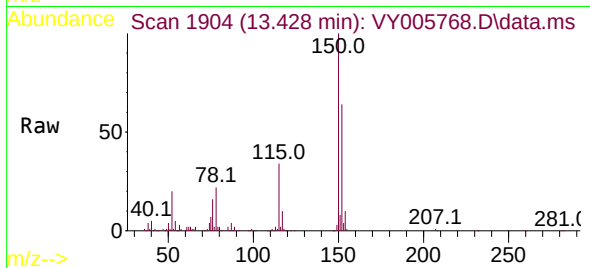




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005768.D
 Acq: 19 Aug 2021 14:48

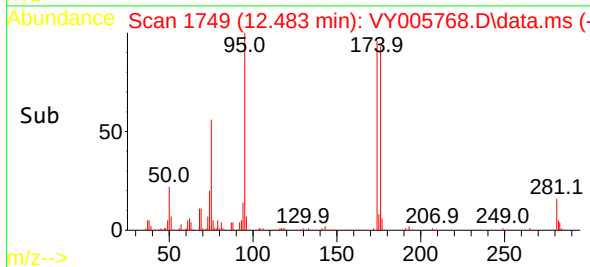
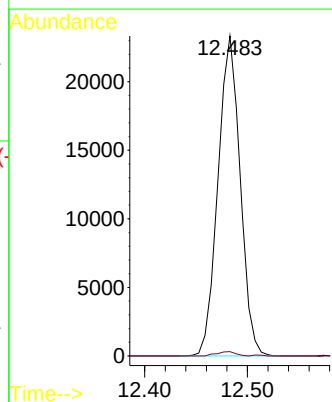
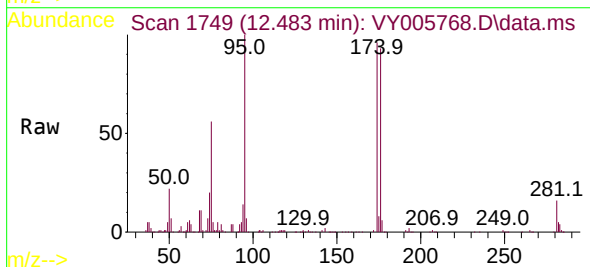
Instrument :
 MSVOA_Y
 ClientSampleId :

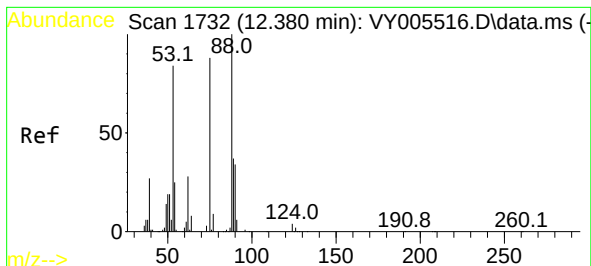
Tgt Ion:152 Resp: 56405
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 158.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 59.752 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005768.D
 Acq: 19 Aug 2021 14:48

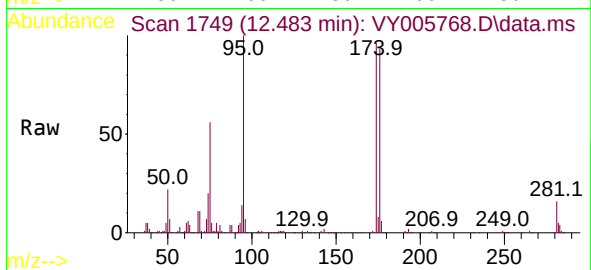
Tgt Ion: 75 Resp: 34926
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 120.452 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 34926
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

