

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005767.D
 Acq On : 19 Aug 2021 14:25
 Operator : SY/MD
 Sample : M3467-06
 Misc : 5.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:56:14 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)

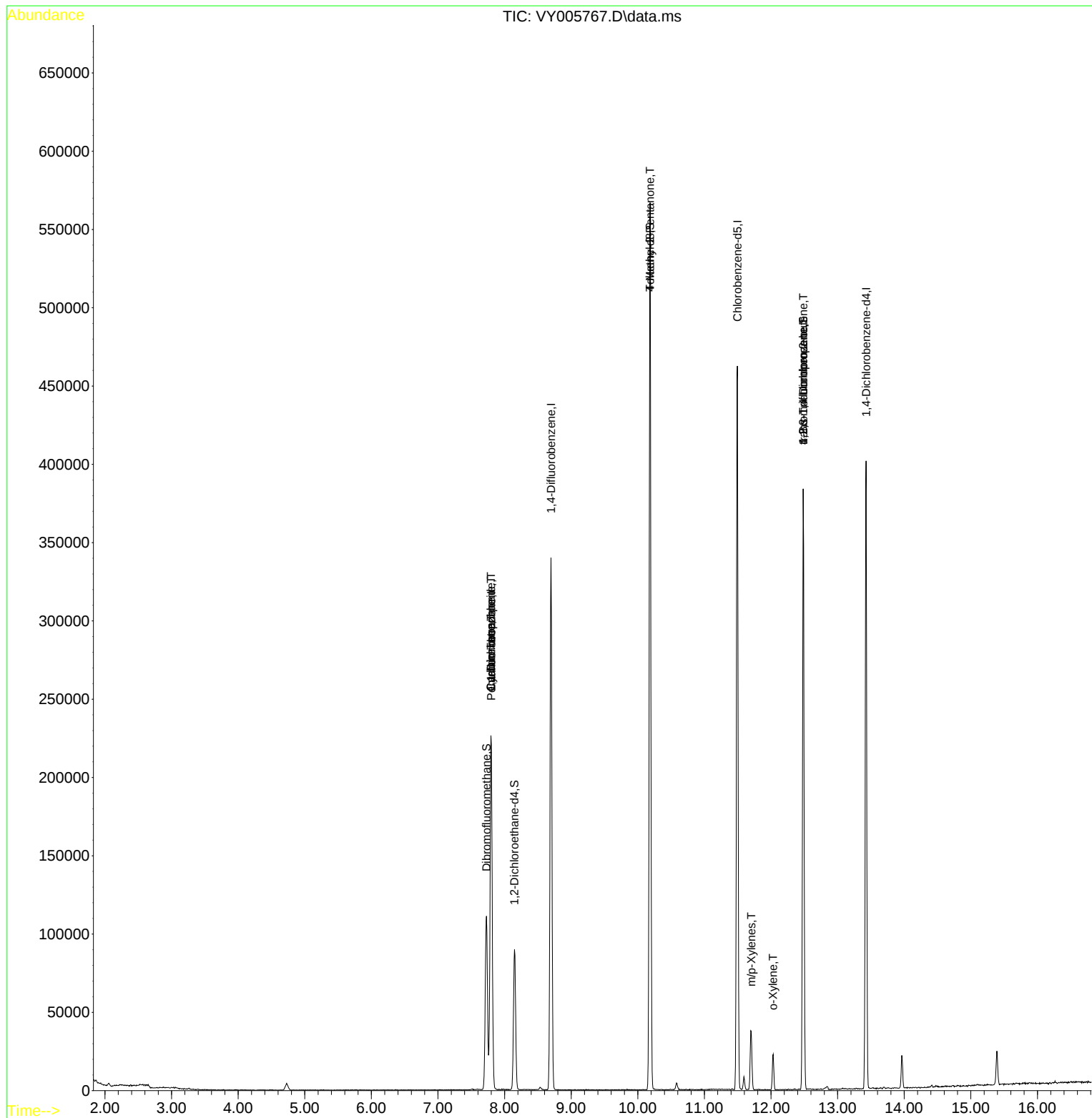
Internal Standards						
1) Pentafluorobenzene	7.801	168	183608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	283743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	245426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73964	39.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.600%
35) Dibromofluoromethane	7.728	113	75342	47.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.185	98	353671	53.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.483	95	96232	43.617	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.240%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	3051	Below Cal		94
31) Cyclohexane	7.795	56	3583	1.124	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12986	4.880	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17139	5.925	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1646	1.024	ug/l #	1
68) m/p-Xylenes	11.703	106	11626	3.342	ug/l	98
69) o-Xylene	12.032	106	5930	1.774	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	53391	49.840	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53391	100.471	ug/l #	11

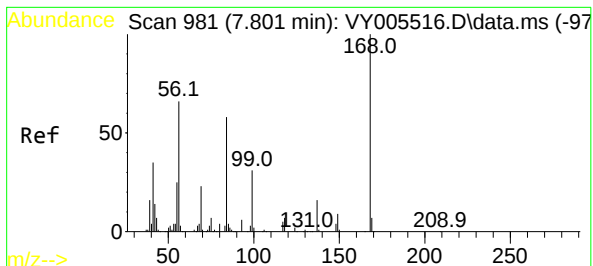
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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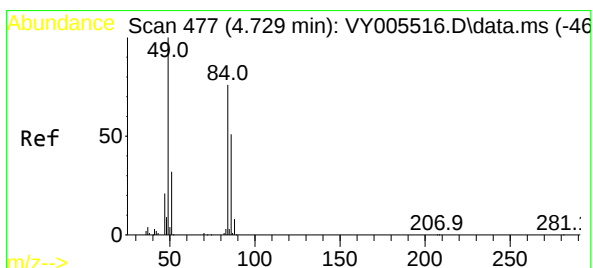
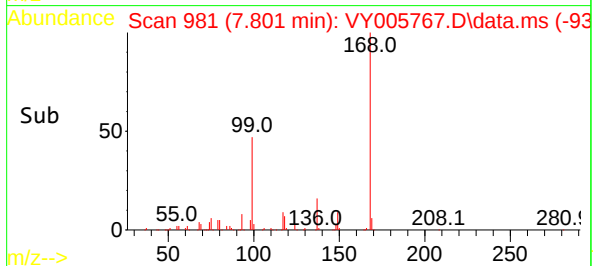
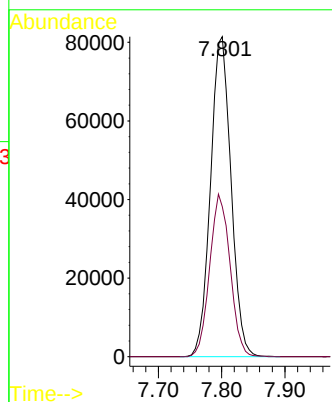
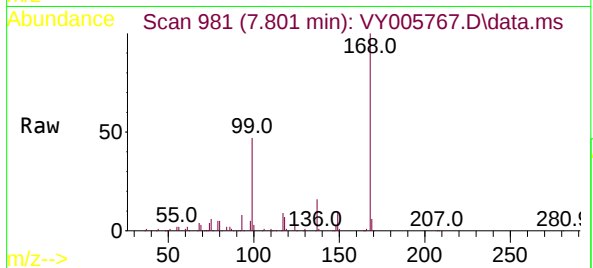




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

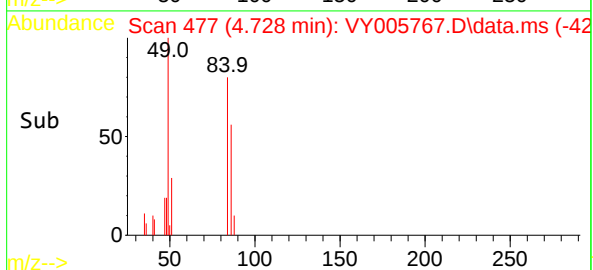
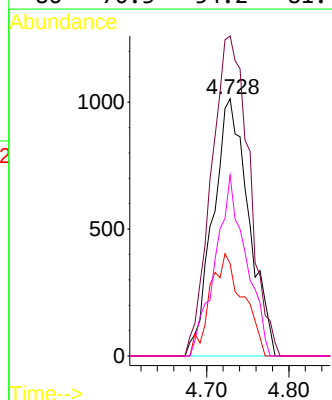
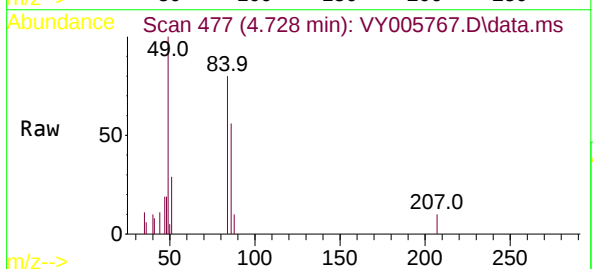
Instrument :
MSVOA_Y
ClientSampleId :

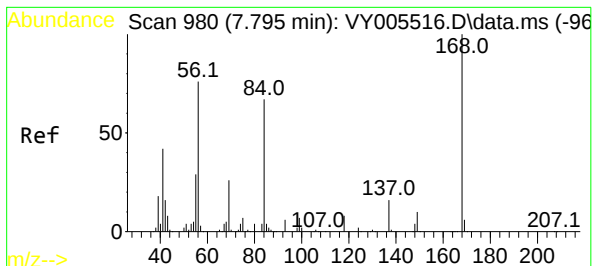
Tgt Ion:168 Resp: 183608
Ion Ratio Lower Upper
168 100
99 46.9 38.9 58.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

Tgt Ion: 84 Resp: 3051
Ion Ratio Lower Upper
84 100
49 124.5 105.8 158.6
51 35.9 33.4 50.2
86 70.3 54.2 81.4





#31

Cyclohexane

Concen: 1.124 ug/l

RT: 7.795 min Scan# 980

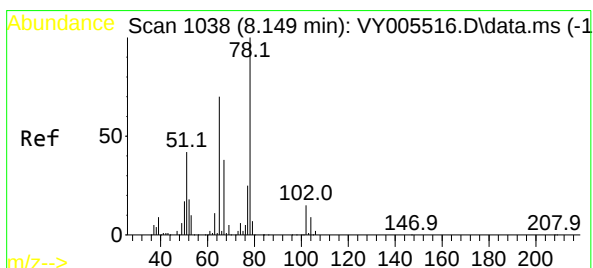
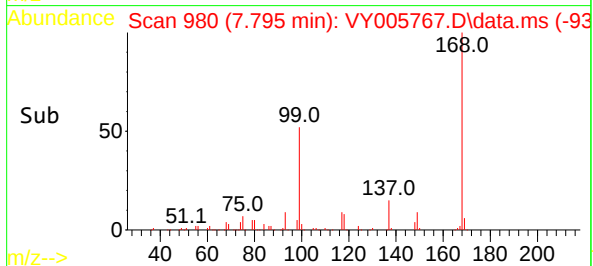
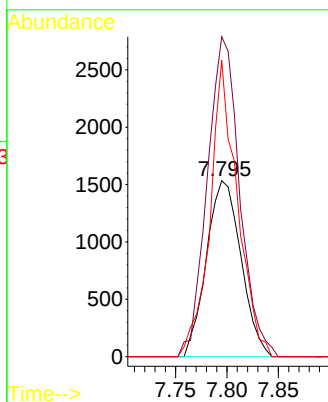
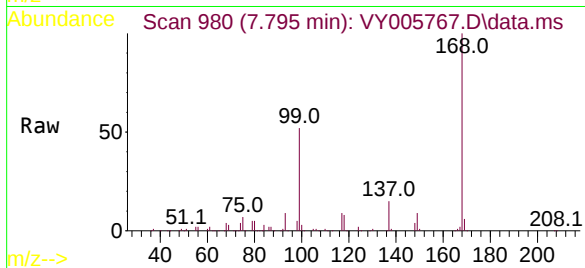
Delta R.T. -0.000 min

Lab File: VY005767.D

Acq: 19 Aug 2021 14:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	56	Resp:	3583
Ion Ratio	Lower	Upper	
56	100		
69	181.8	27.7	41.5#
84	168.4	70.9	106.3#



#33

1,2-Dichloroethane-d4

Concen: 39.796 ug/l

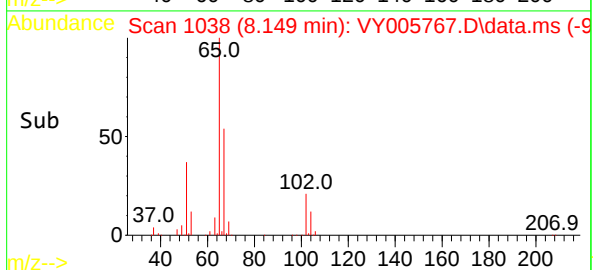
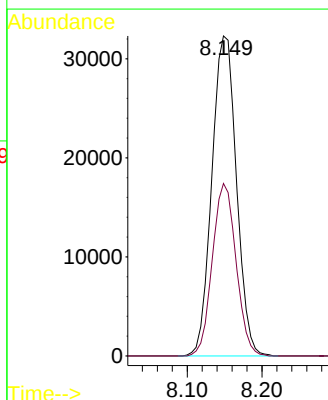
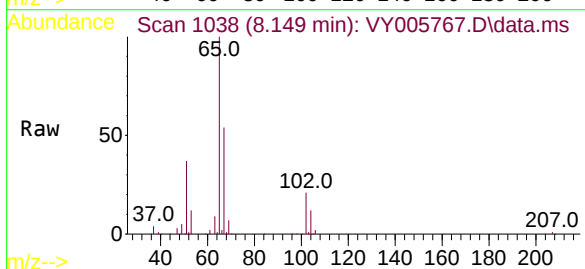
RT: 8.149 min Scan# 1038

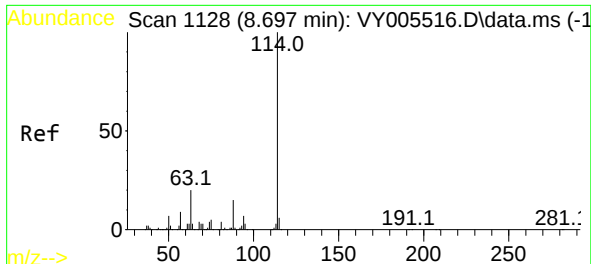
Delta R.T. -0.000 min

Lab File: VY005767.D

Acq: 19 Aug 2021 14:25

Tgt Ion:	65	Resp:	73964
Ion Ratio	Lower	Upper	
65	100		
67	51.9	0.0	103.4

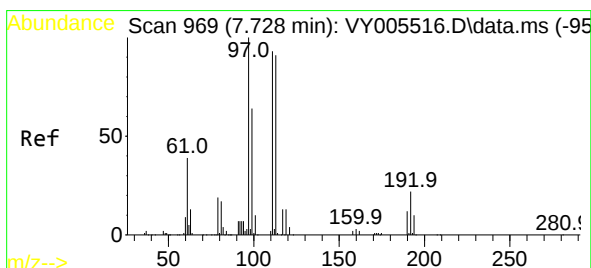
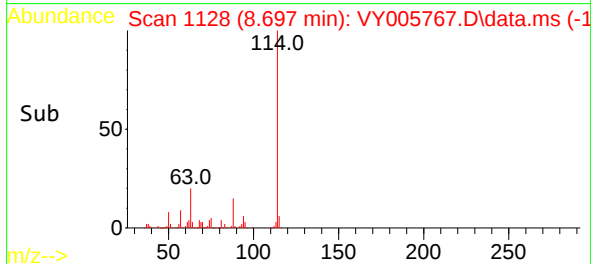
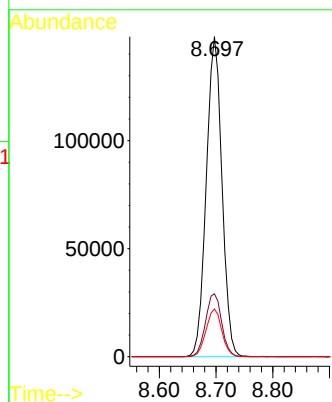
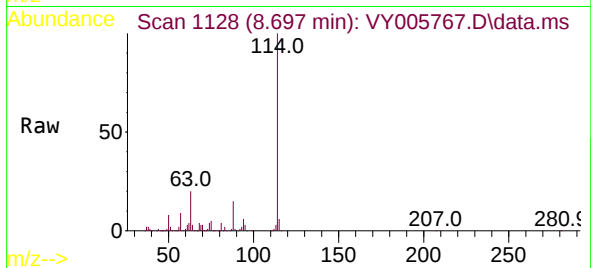




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

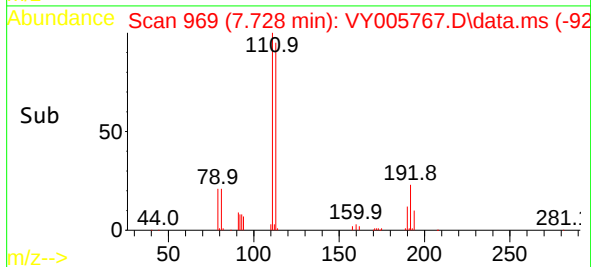
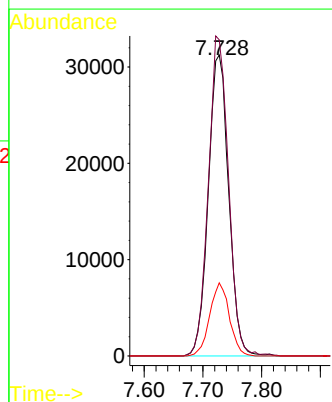
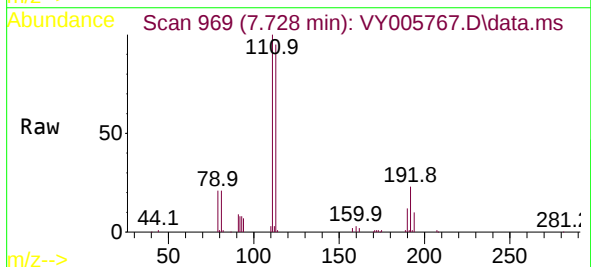
Instrument :
MSVOA_Y
ClientSampleId :

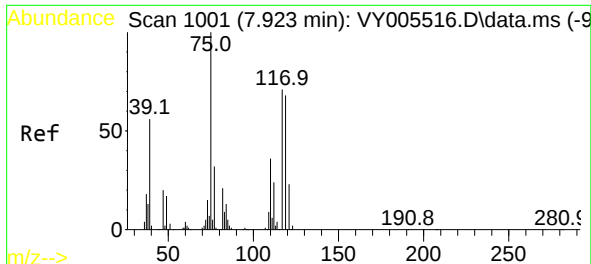
Tgt Ion:114 Resp: 283743
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 47.426 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

Tgt Ion:113 Resp: 75342
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 23.4 19.2 28.8



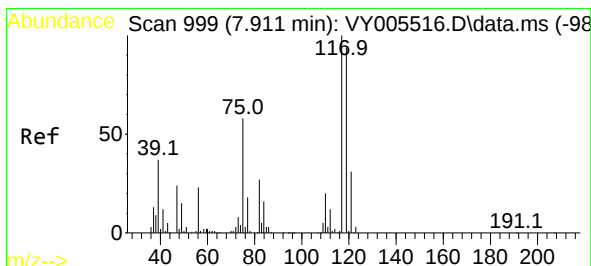
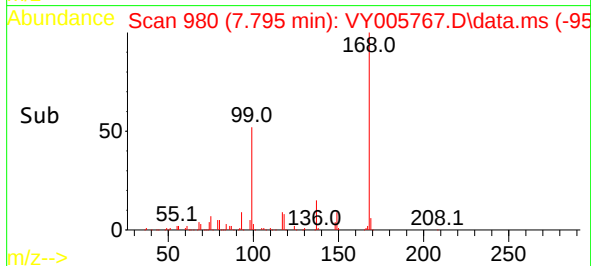
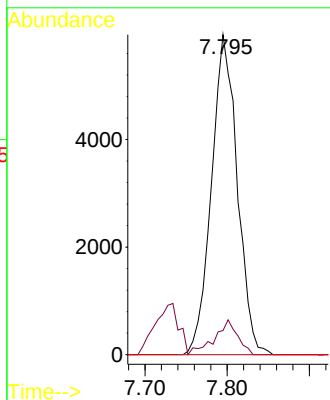
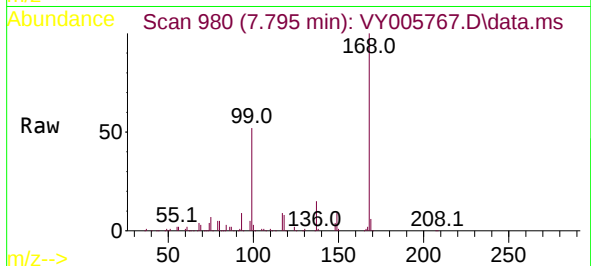


#36

1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

Instrument :
MSVOA_Y
ClientSampleId :

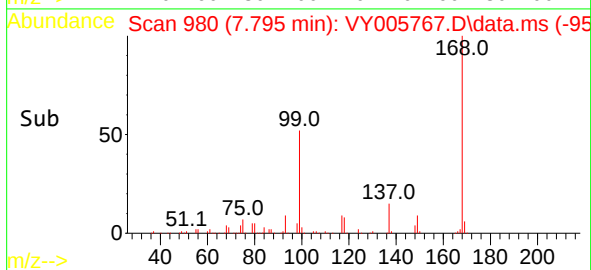
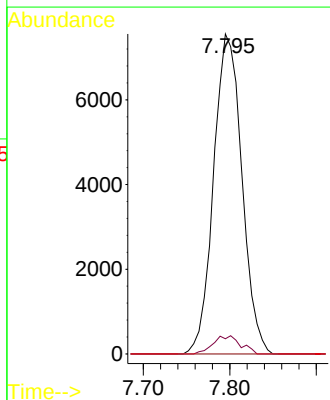
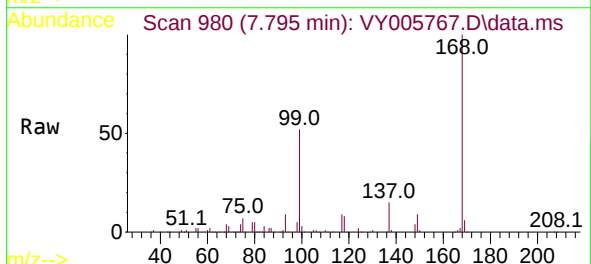
Tgt Ion: 75 Resp: 12986
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.0 25.1 37.7#

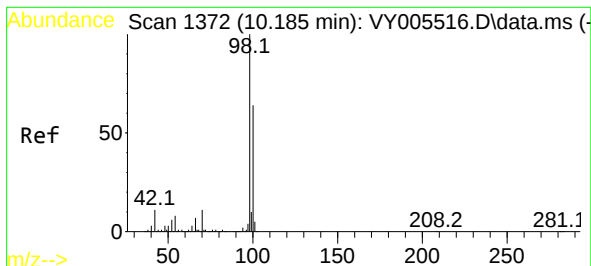


#38

Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

Tgt Ion: 117 Resp: 17139
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 25.1 37.7#

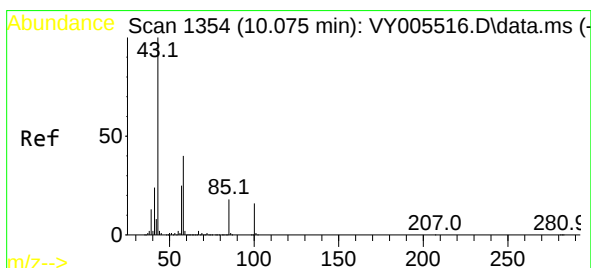
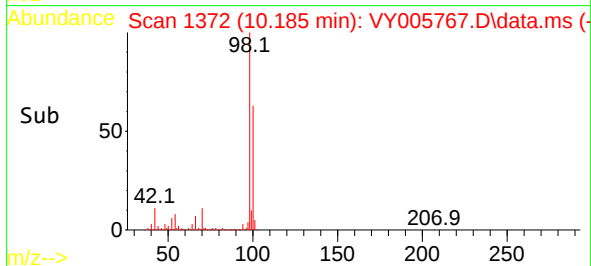
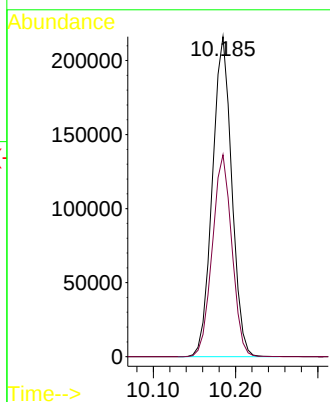
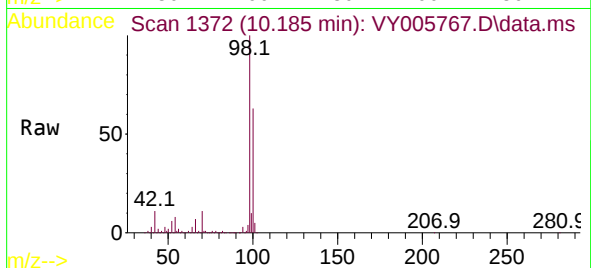




#50
Toluene-d8
Concen: 53.084 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

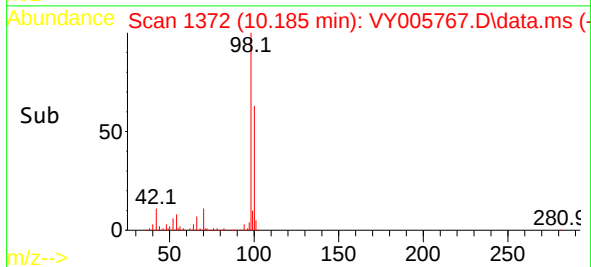
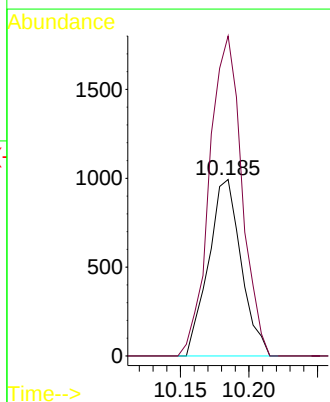
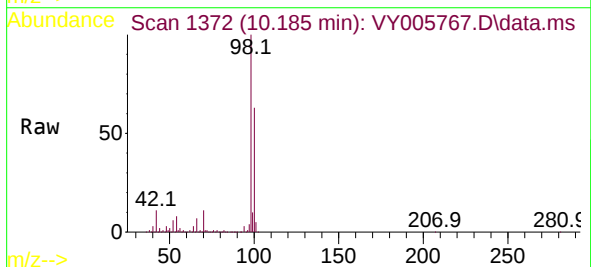
Instrument :
MSVOA_Y
ClientSampled :

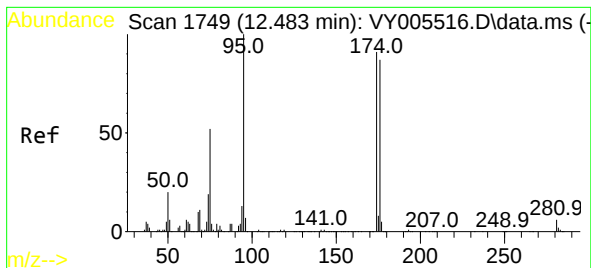
Tgt Ion: 98 Resp: 353671
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.024 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 180.2 31.4 47.2#

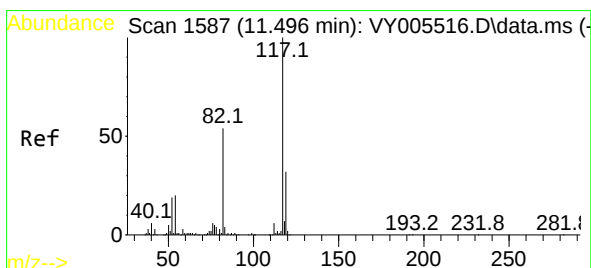
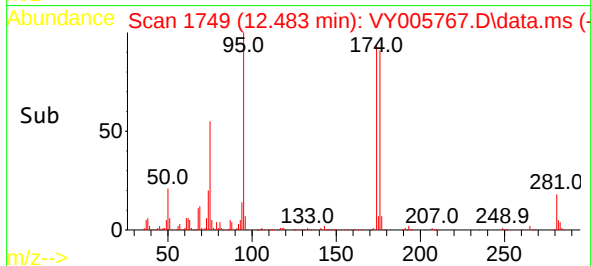
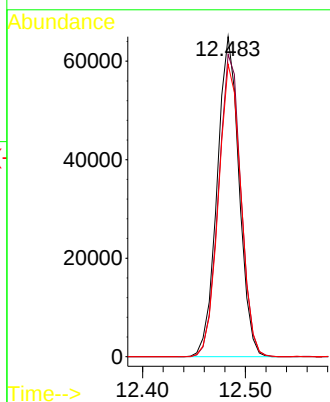
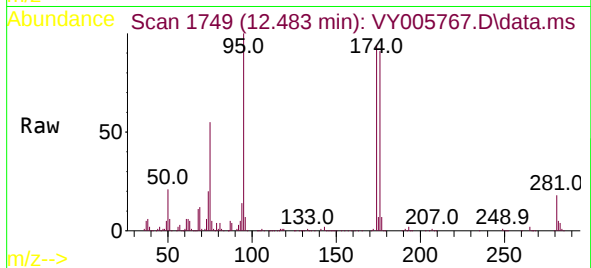




#62
4-Bromofluorobenzene
Concen: 43.617 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

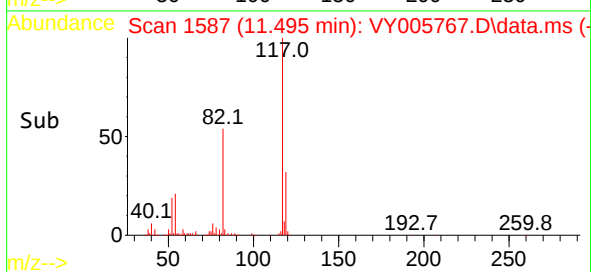
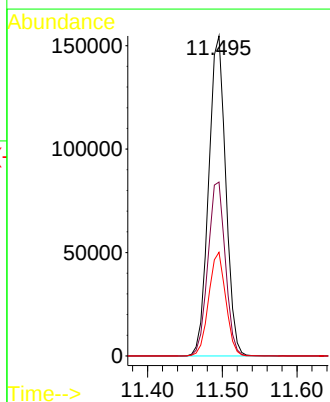
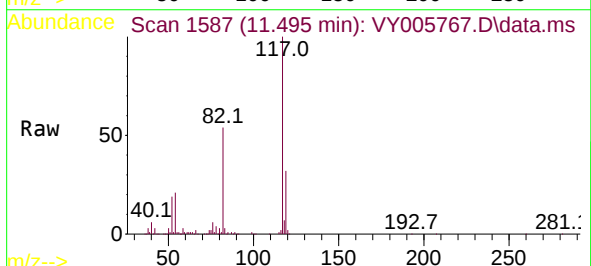
Instrument :
MSVOA_Y
ClientSampleId :

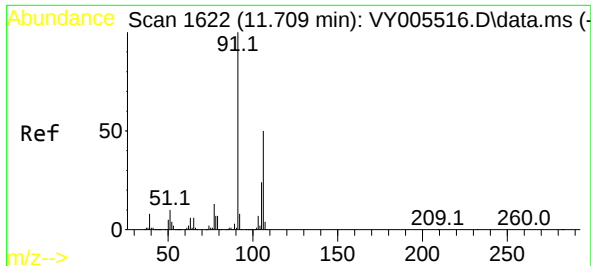
Tgt Ion:	95	Resp:	96232
Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	191.4
176	93.4	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

Tgt Ion:	117	Resp:	245426
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	32.4	25.5	38.3

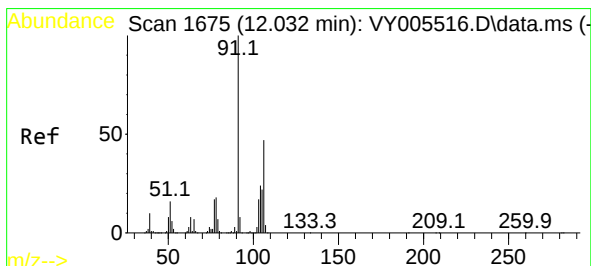
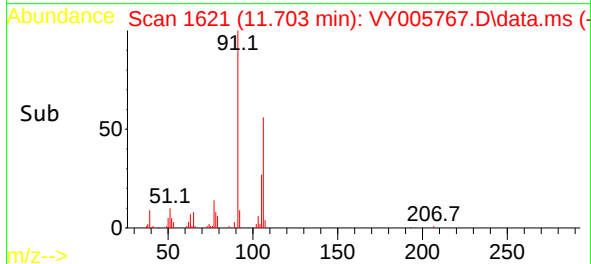
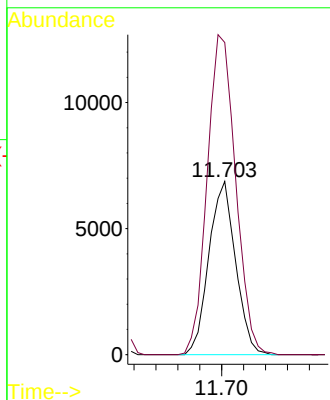
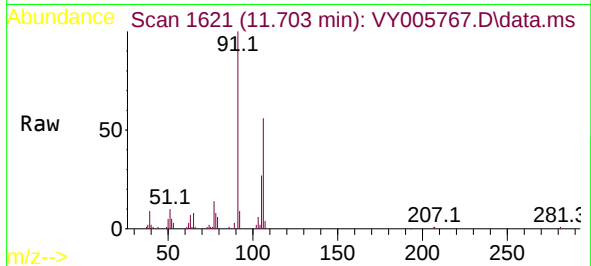




#68
m/p-Xylenes
Concen: 3.342 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

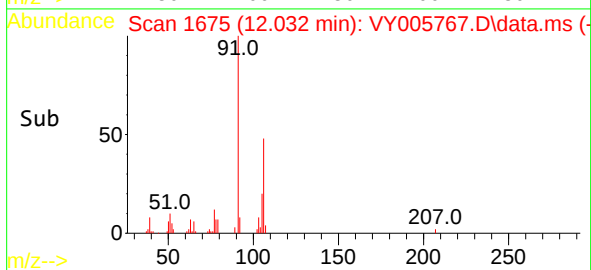
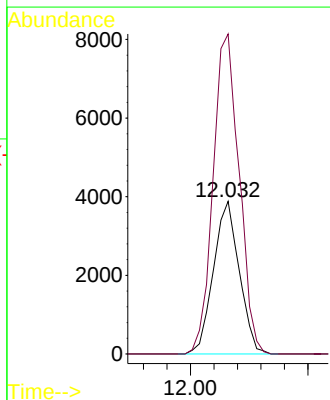
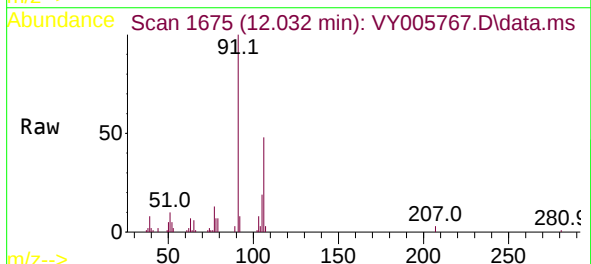
Instrument :
MSVOA_Y
ClientSampleId :

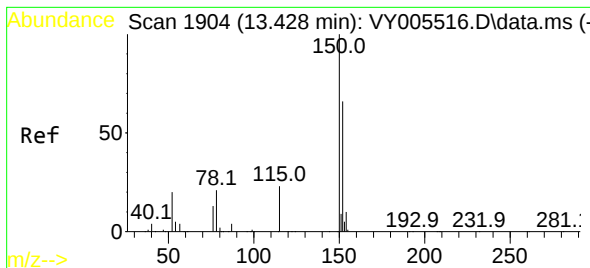
Tgt Ion:106 Resp: 11626
Ion Ratio Lower Upper
106 100
91 196.8 159.6 239.4



#69
o-Xylene
Concen: 1.774 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

Tgt Ion:106 Resp: 5930
Ion Ratio Lower Upper
106 100
91 211.4 106.2 318.6

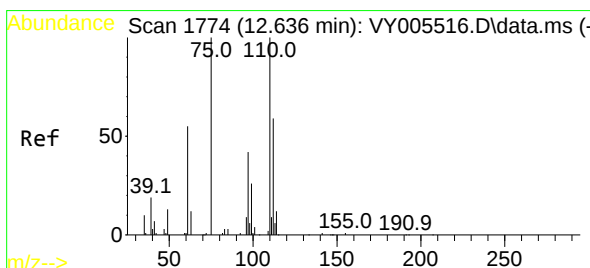
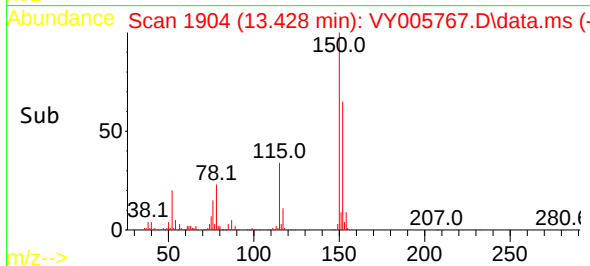
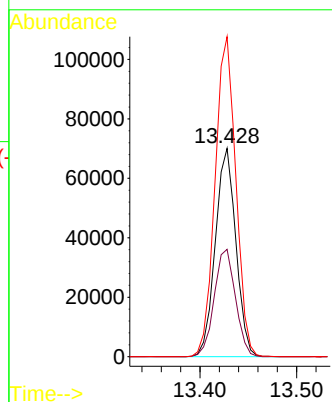
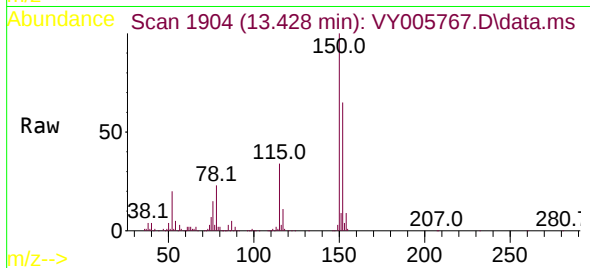




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005767.D
 Acq: 19 Aug 2021 14:25

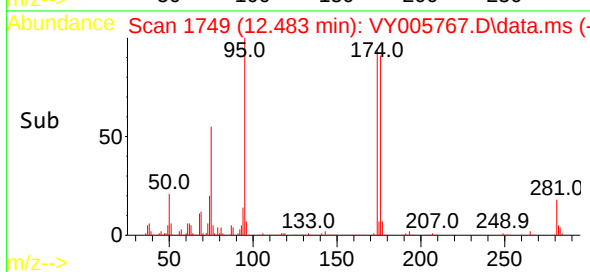
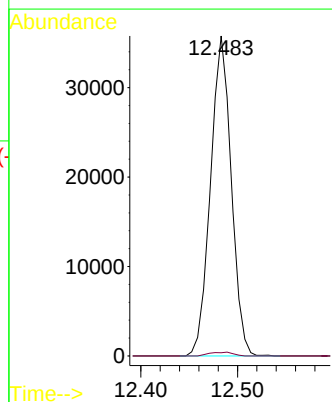
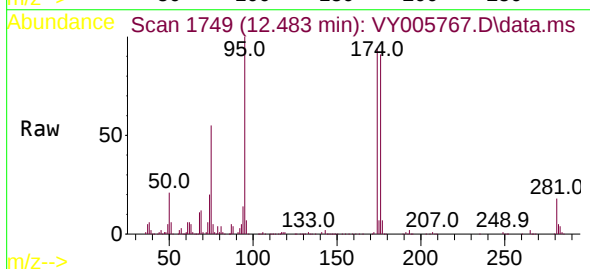
Instrument :
 MSVOA_Y
 ClientSampleId :

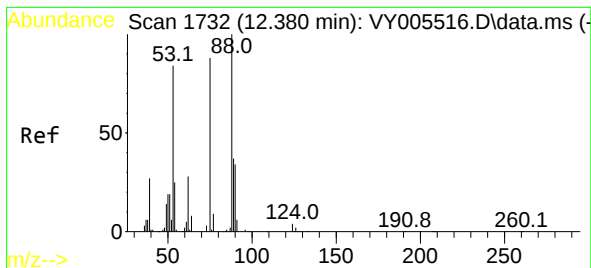
Tgt Ion:152 Resp: 103374
 Ion Ratio Lower Upper
 152 100
 115 53.3 27.3 81.9
 150 155.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 49.840 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005767.D
 Acq: 19 Aug 2021 14:25

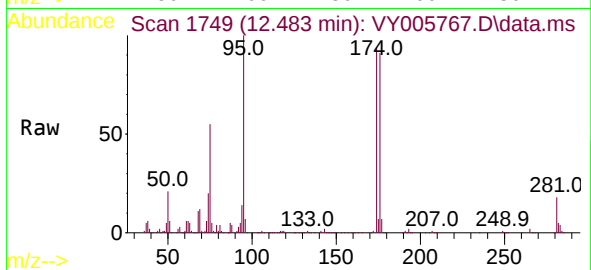
Tgt Ion: 75 Resp: 53391
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 100.471 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005767.D
Acq: 19 Aug 2021 14:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 53391
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.2 38.4 57.6#

