

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005944.D
 Acq On : 07 Sep 2021 15:15
 Operator : SY/MD
 Sample : M3634-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 15:30:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

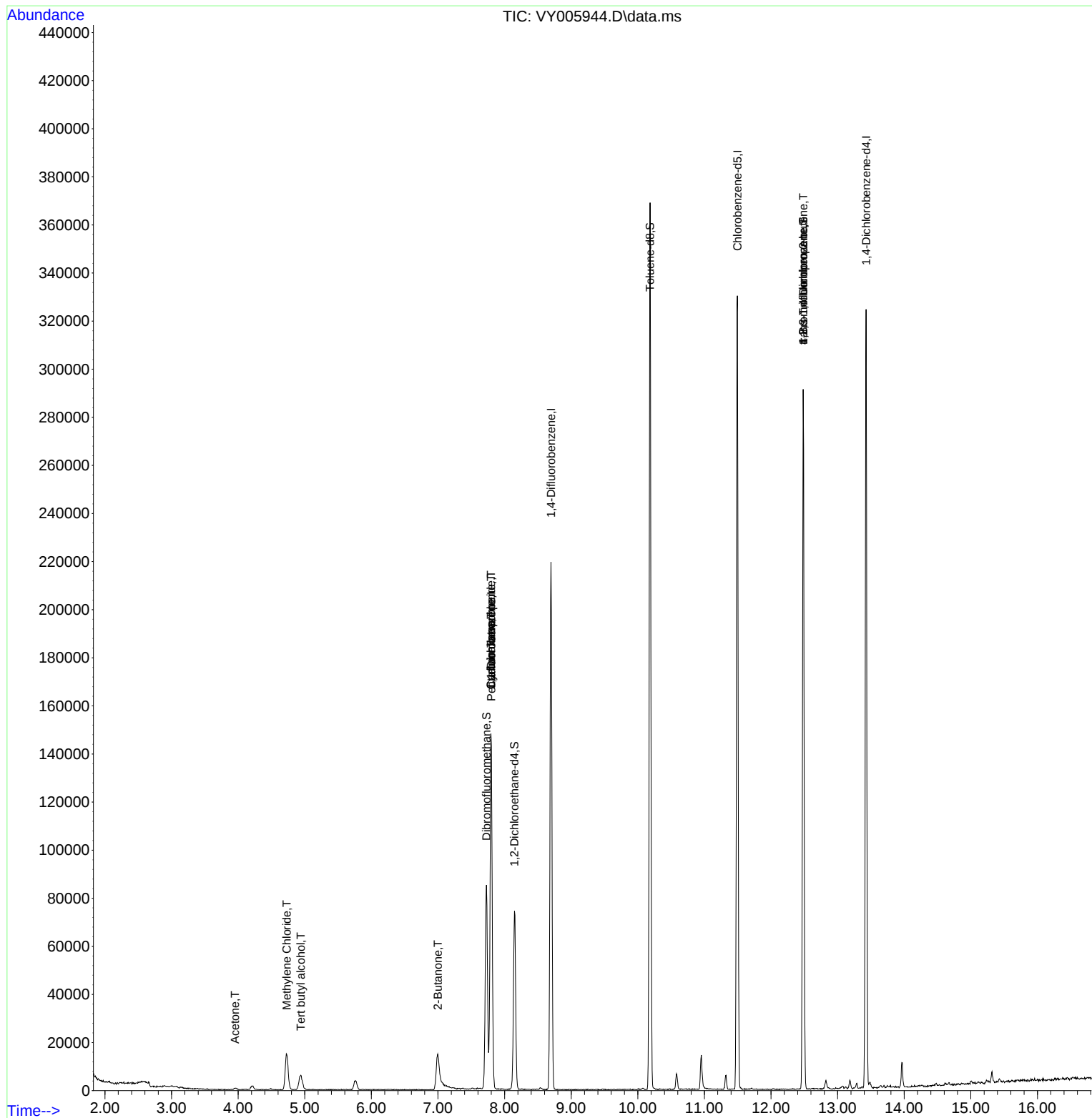
Internal Standards						
1) Pentafluorobenzene	7.801	168	124387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61272	48.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.760%
35) Dibromofluoromethane	7.728	113	58650	53.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.100%
50) Toluene-d8	10.185	98	239919	51.713	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.420%
62) 4-Bromofluorobenzene	12.483	95	79336	50.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	6465	26.228	ug/l #	80
16) Acetone	3.954	43	1277	3.995	ug/l #	75
20) Methylene Chloride	4.729	84	12356	5.615	ug/l	94
25) 2-Butanone	6.996	43	835	1.849	ug/l #	47
31) Cyclohexane	7.795	56	2165	1.024	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	7908	4.267	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10787	5.370	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	40362	48.856	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40362	92.914	ug/l #	14

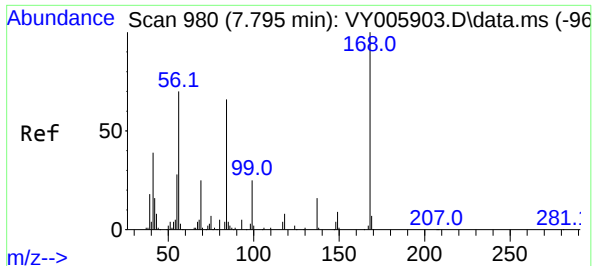
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

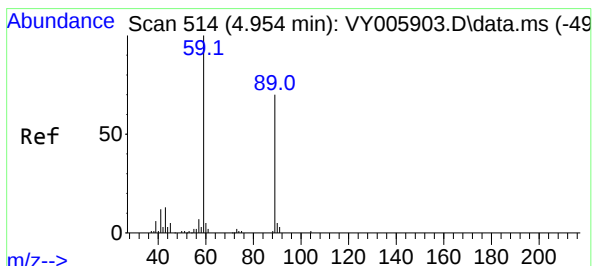
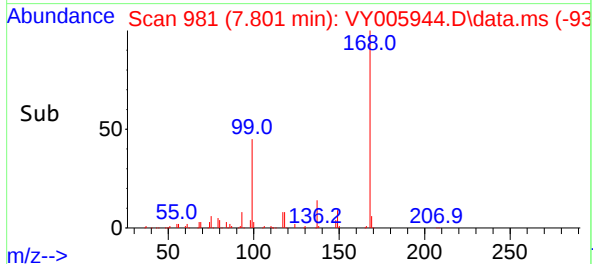
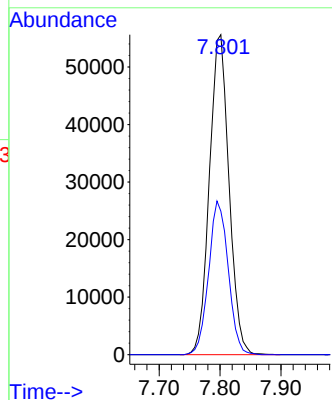
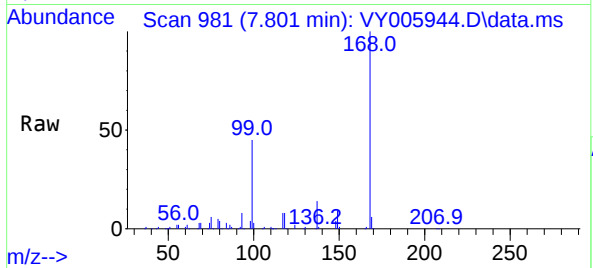




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

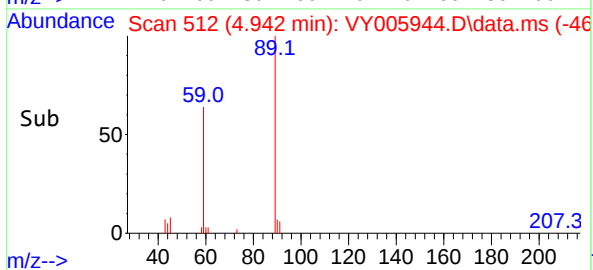
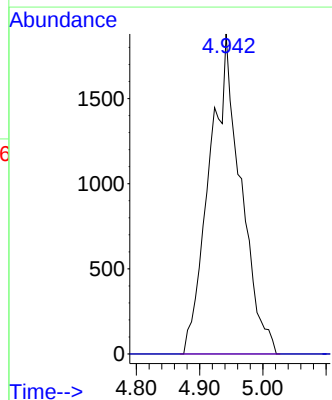
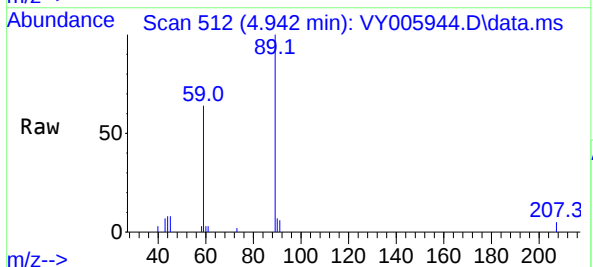
Instrument :
MSVOA_Y
ClientSampled :

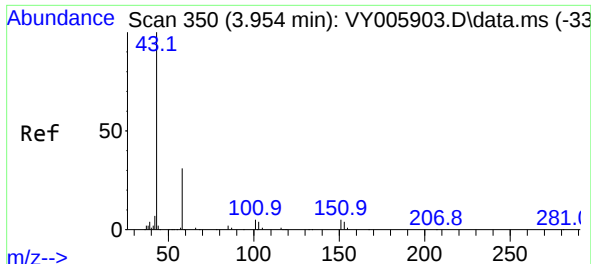
Tgt Ion:168 Resp: 124387
Ion Ratio Lower Upper
168 100
99 44.8 40.6 60.8



#11
Tert butyl alcohol
Concen: 26.228 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

Tgt Ion: 59 Resp: 6465
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

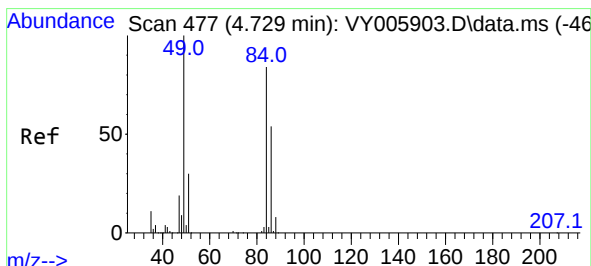
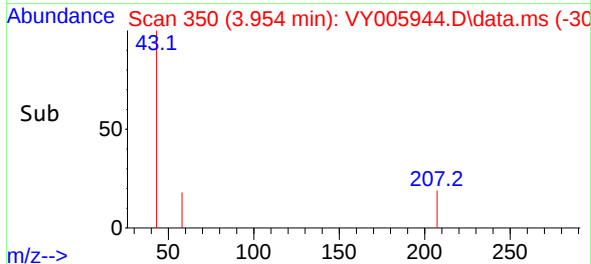
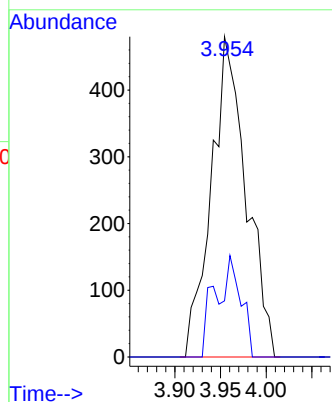
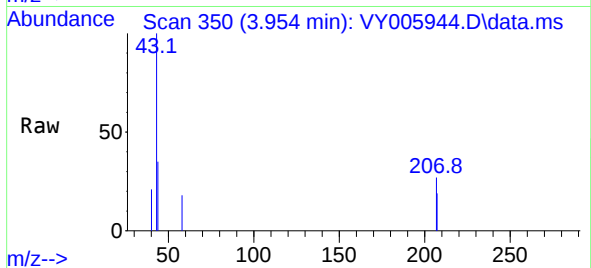




#16
Acetone
Concen: 3.995 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

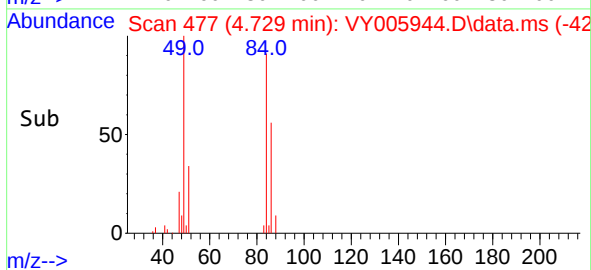
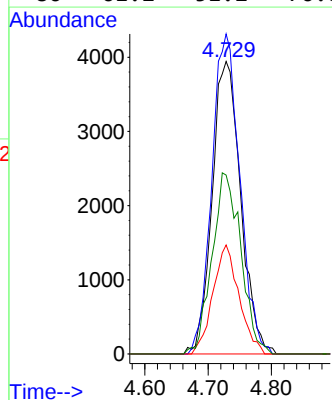
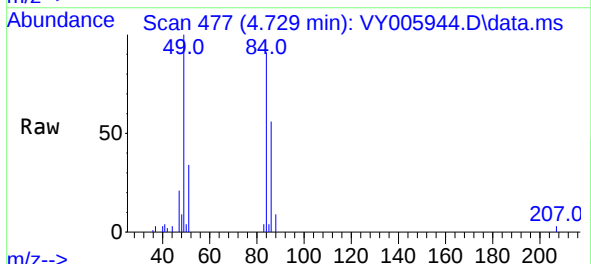
Instrument :
MSVOA_Y
ClientSampleId :

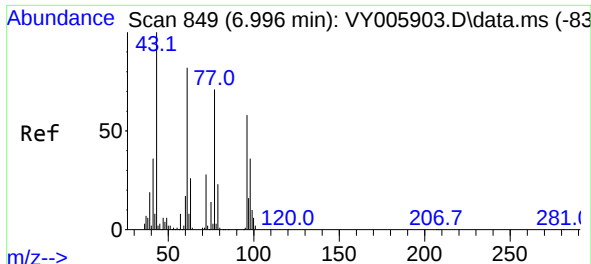
Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 17.5 25.1 37.7#



#20
Methylene Chloride
Concen: 5.615 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

Tgt Ion: 84 Resp: 12356
Ion Ratio Lower Upper
84 100
49 109.4 95.7 143.5
51 37.3 29.0 43.6
86 61.2 51.2 76.8

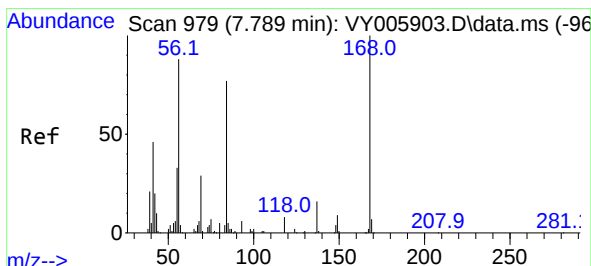
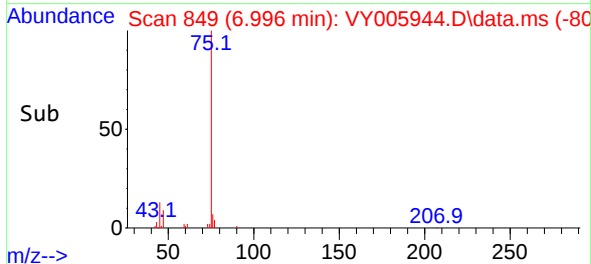
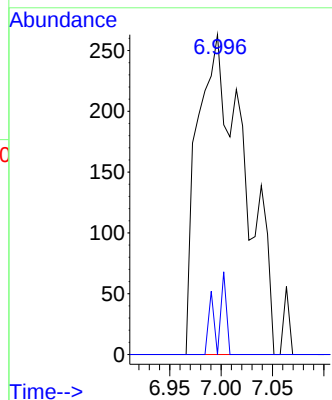
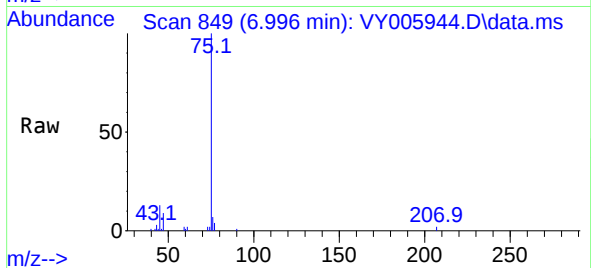




#25
2-Butanone
Concen: 1.849 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

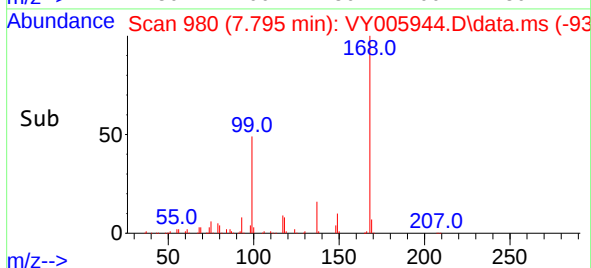
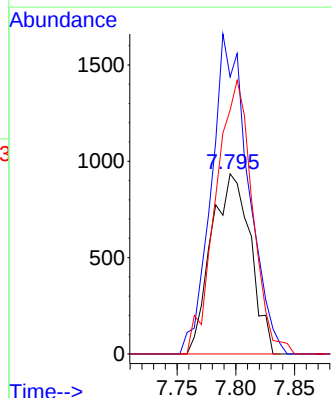
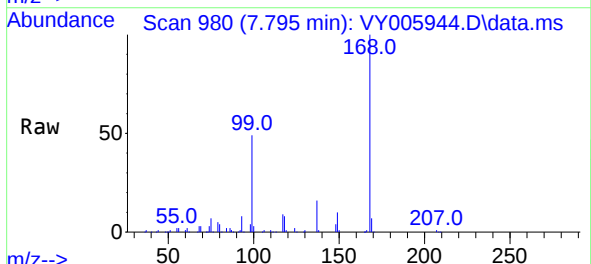
Instrument :
MSVOA_Y
ClientSampled :

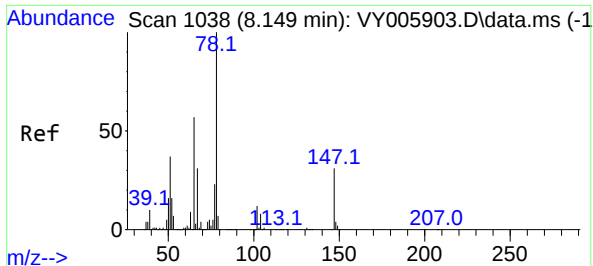
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

Tgt Ion: 56 Resp: 2165
Ion Ratio Lower Upper
56 100
69 153.8 26.3 39.5#
84 135.4 69.8 104.8#

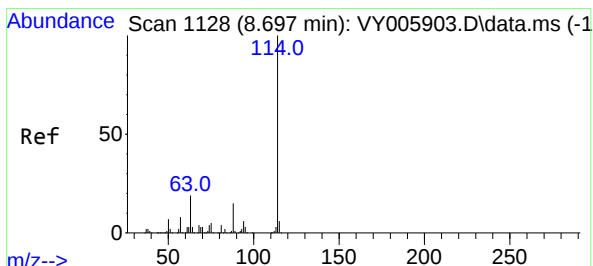
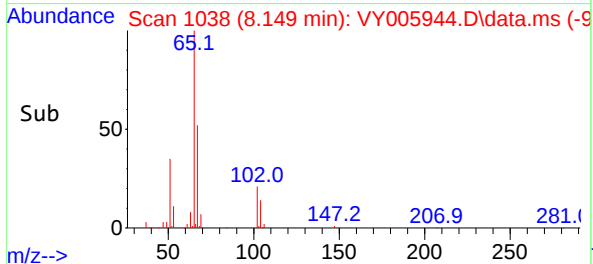
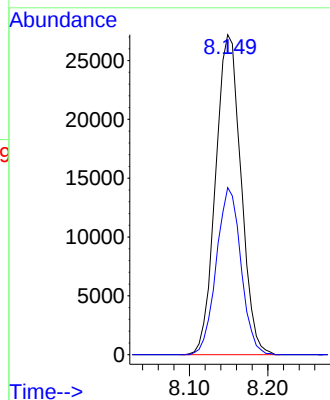
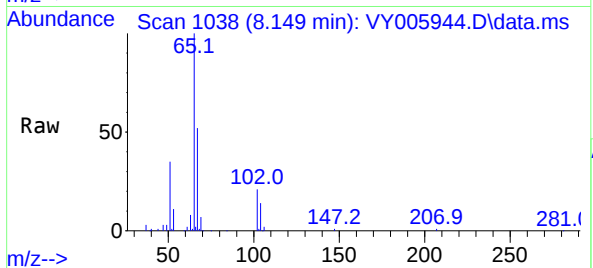




#33
1,2-Dichloroethane-d4
Concen: 48.882 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

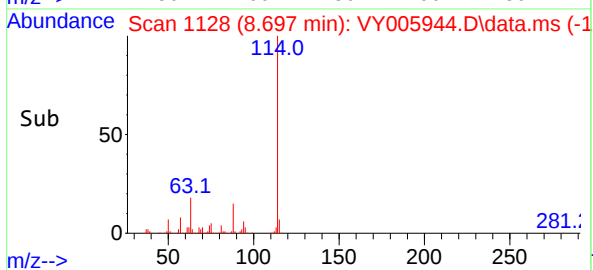
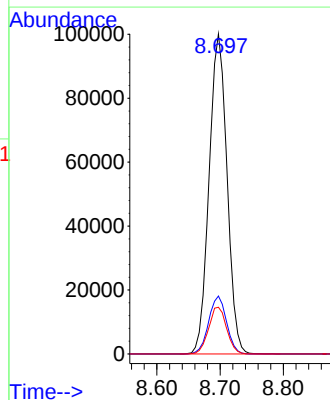
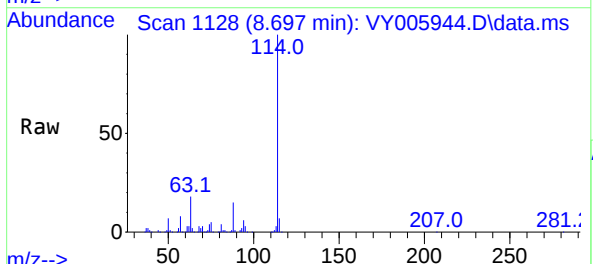
Instrument :
MSVOA_Y
ClientSampled :

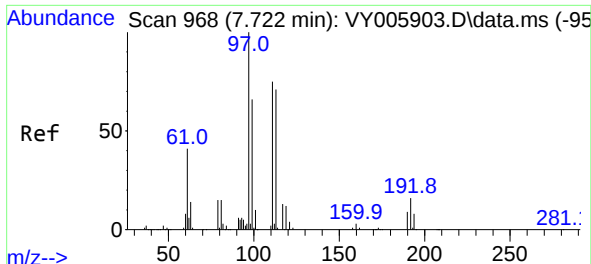
Tgt Ion: 65 Resp: 61272
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

Tgt Ion:114 Resp: 196843
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.055 ug/l

RT: 7.728 min Scan# 969

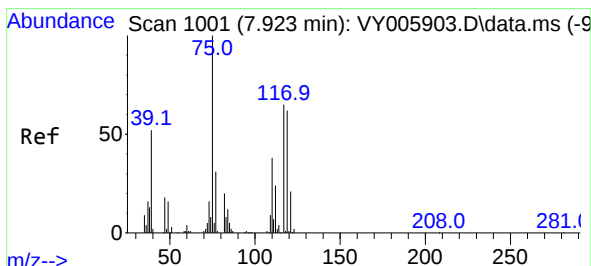
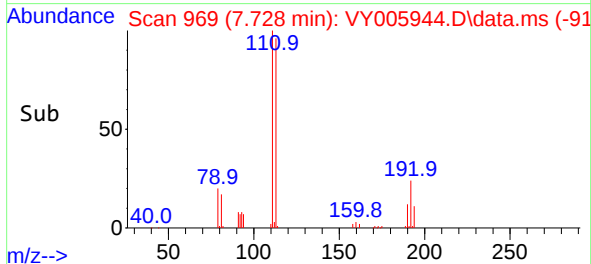
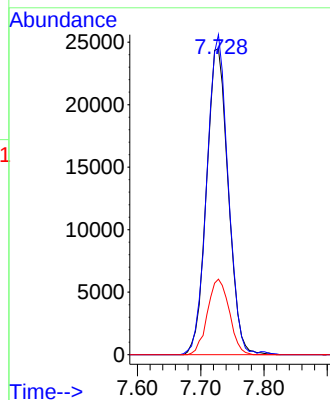
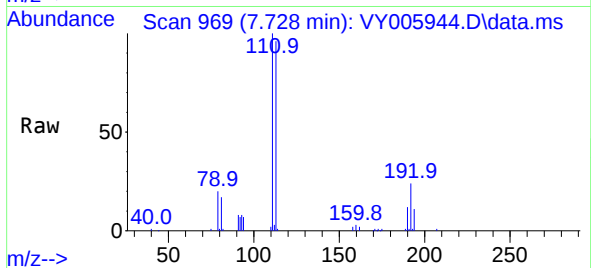
Delta R.T. 0.006 min

Lab File: VY005944.D

Acq: 07 Sep 2021 15:15

Tgt Ion:	113	Resp:	58650
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	24.6	19.4	29.0

Instrument :
MSVOA_Y
ClientSampled :



#36

1,1-Dichloropropene

Concen: 4.267 ug/l

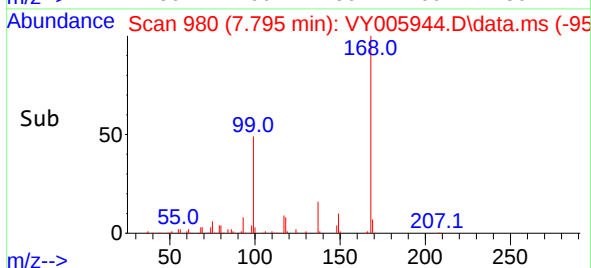
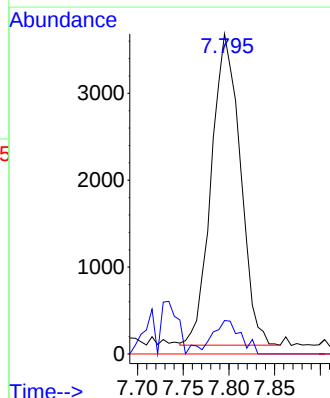
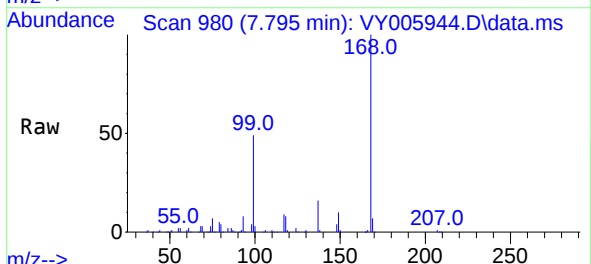
RT: 7.795 min Scan# 980

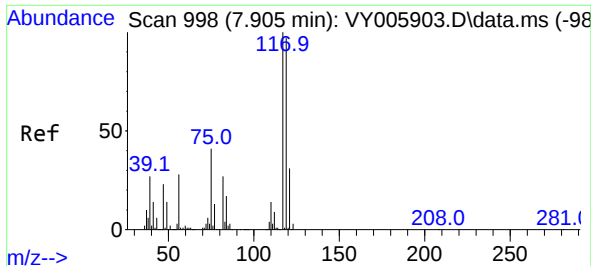
Delta R.T. -0.128 min

Lab File: VY005944.D

Acq: 07 Sep 2021 15:15

Tgt Ion:	75	Resp:	7908
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.3#
77	0.0	24.9	37.3#

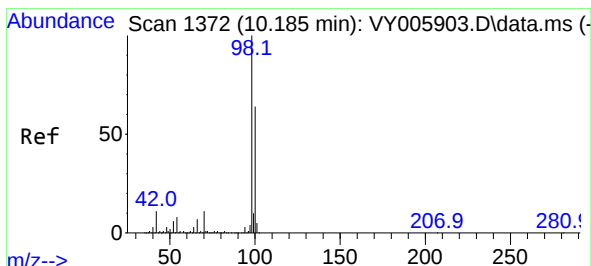
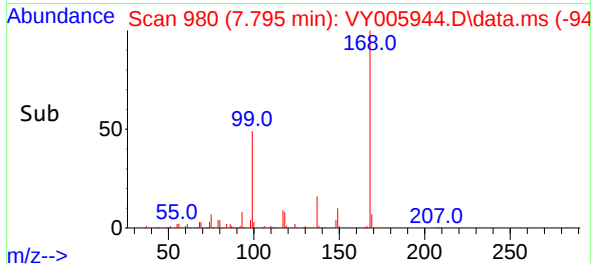
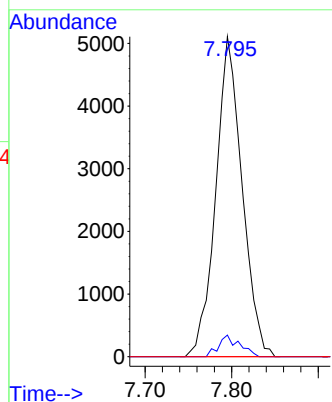
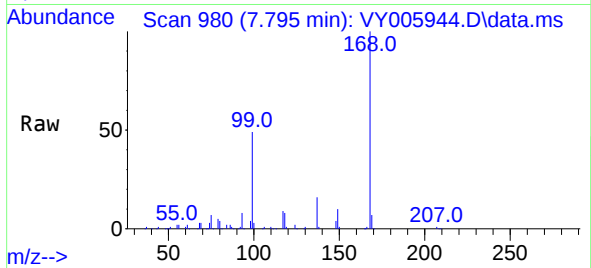




#38
Carbon Tetrachloride
Concen: 5.370 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

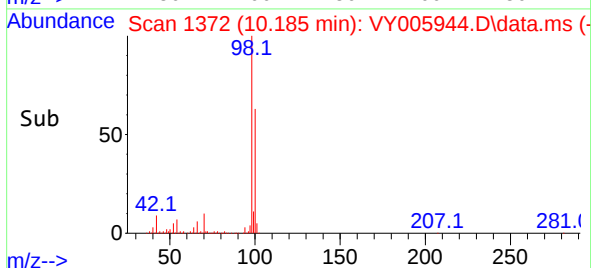
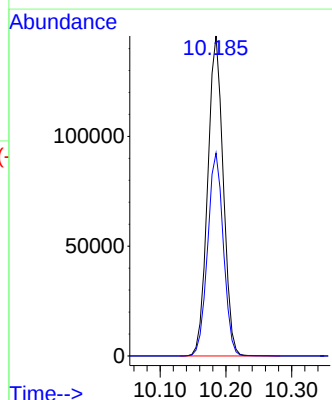
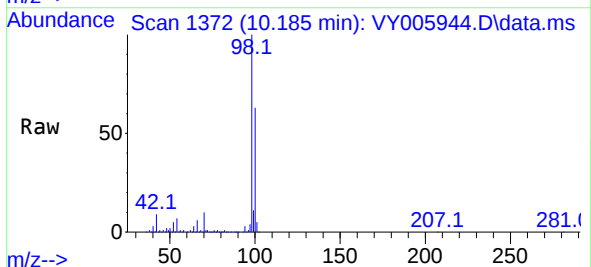
Instrument :
MSVOA_Y
ClientSampled :

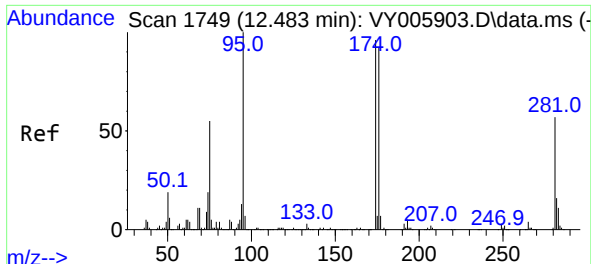
Tgt Ion:117 Resp: 10787
Ion Ratio Lower Upper
117 100
119 6.7 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.713 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

Tgt Ion: 98 Resp: 239919
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

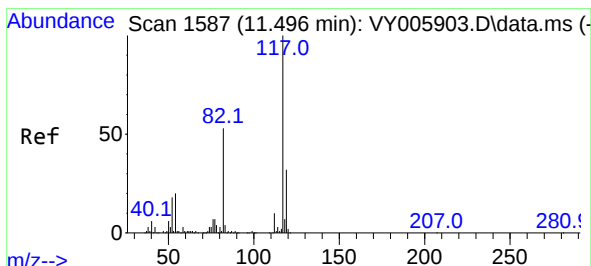
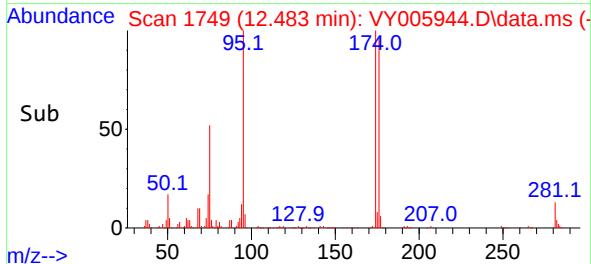
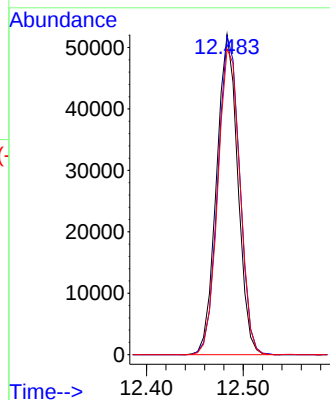
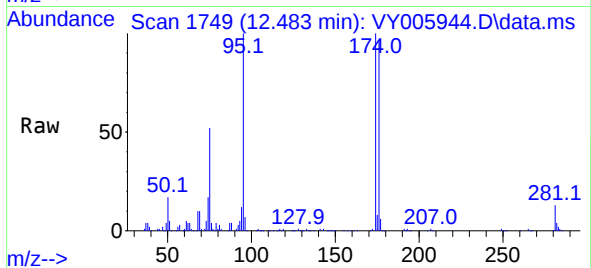




#62
4-Bromofluorobenzene
Concen: 50.927 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

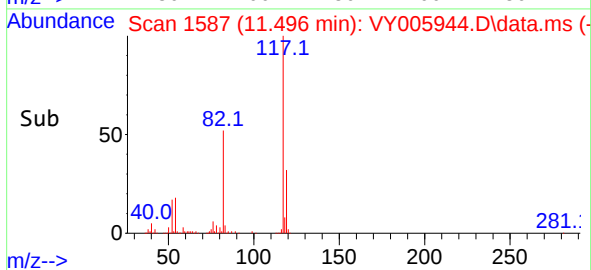
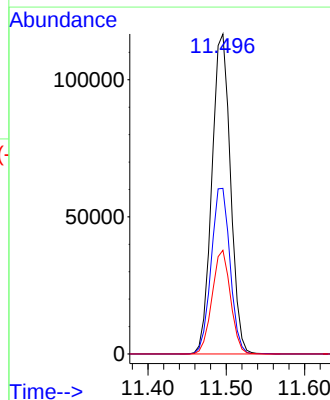
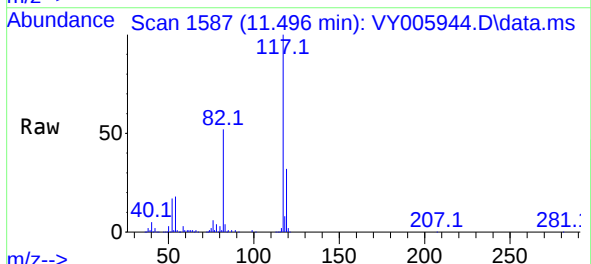
Instrument :
MSVOA_Y
ClientSampled :

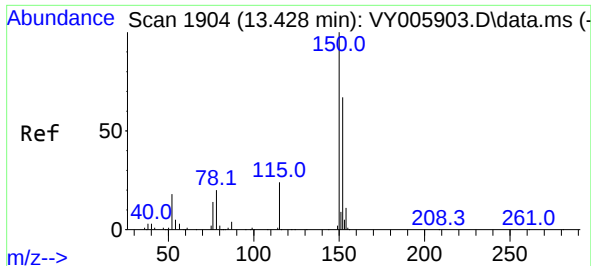
Tgt Ion: 95 Resp: 79336
Ion Ratio Lower Upper
95 100
174 101.8 0.0 192.4
176 99.2 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

Tgt Ion: 117 Resp: 192131
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.4 25.4 38.0

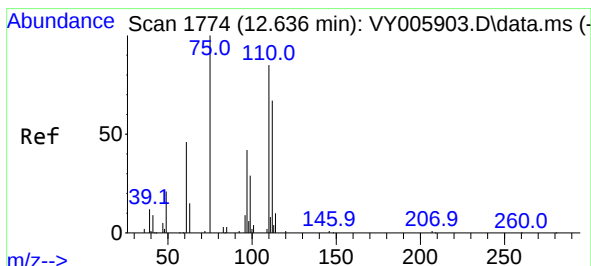
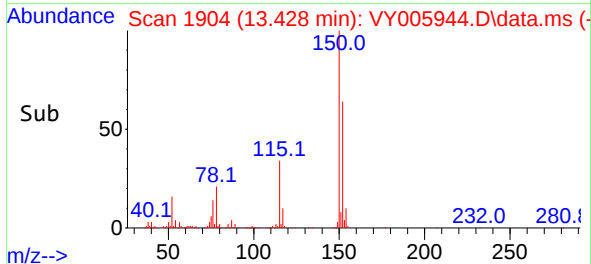
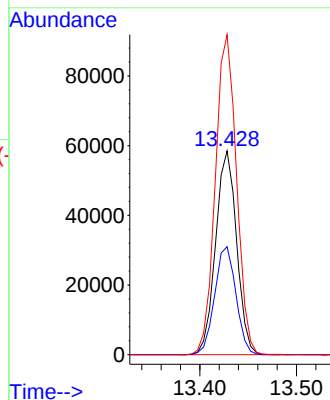
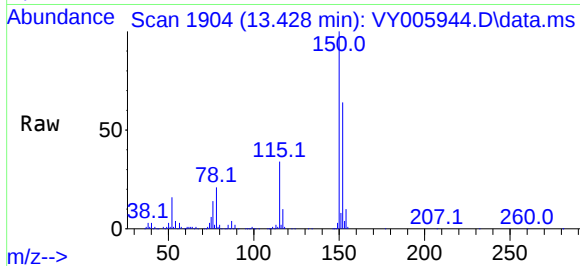




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005944.D
 Acq: 07 Sep 2021 15:15

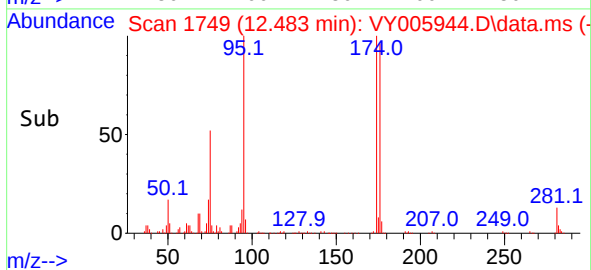
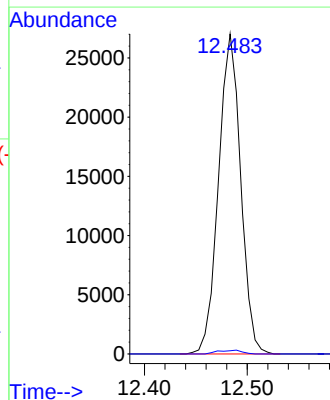
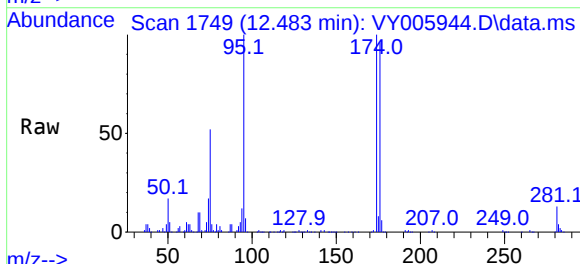
Instrument :
 MSVOA_Y
 ClientSampled :

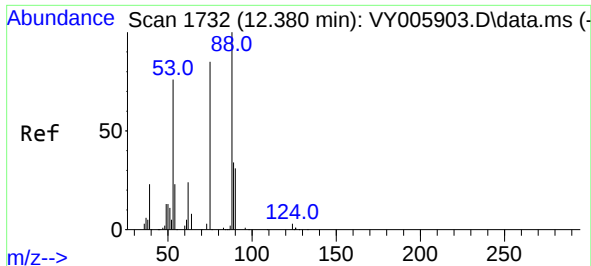
Tgt Ion:152 Resp: 88266
 Ion Ratio Lower Upper
 152 100
 115 53.8 26.8 80.4
 150 158.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 48.856 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005944.D
 Acq: 07 Sep 2021 15:15

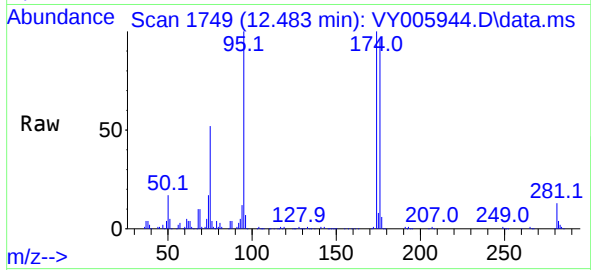
Tgt Ion: 75 Resp: 40362
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005944.D
Acq: 07 Sep 2021 15:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 40362
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.1 35.8 53.6#

