

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005582.D
 Acq On : 10 Aug 2021 09:27
 Operator : SY/MD
 Sample : VY0810SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:35:10 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)

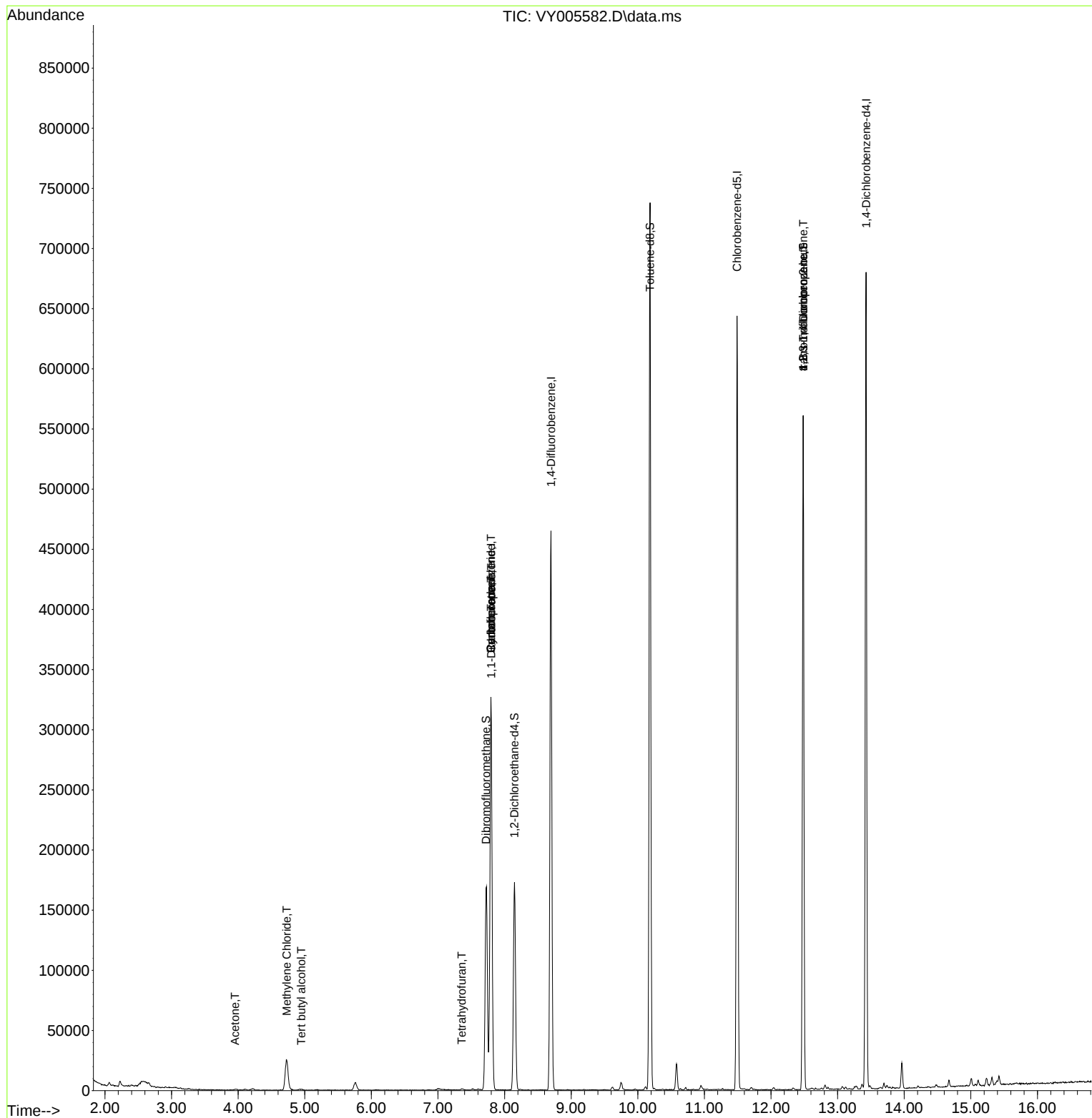
Internal Standards						
1) Pentafluorobenzene	7.795	168	263182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	390087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	347697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139897	52.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.02%			
35) Dibromofluoromethane	7.722	113	118027	54.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.08%			
50) Toluene-d8	10.185	98	475192	51.88	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.76%			
62) 4-Bromofluorobenzene	12.483	95	156811	51.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.40%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	1076	4.09	ug/l #	73
16) Acetone	3.954	43	1419	2.11	ug/l	95
20) Methylene Chloride	4.728	84	18978	1.21	ug/l	90
29) Tetrahydrofuran	7.356	42	803	1.22	ug/l #	87
31) Cyclohexane	7.795	56	5022	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	18484	5.05	ug/l #	49
38) Carbon Tetrachloride	7.795	117	23363	5.88	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	84558	46.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84558	93.37	ug/l #	11

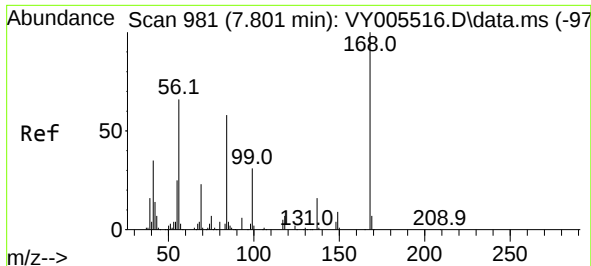
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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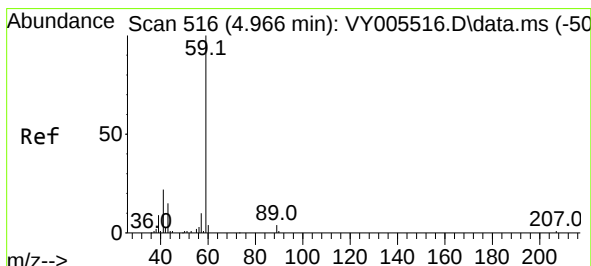
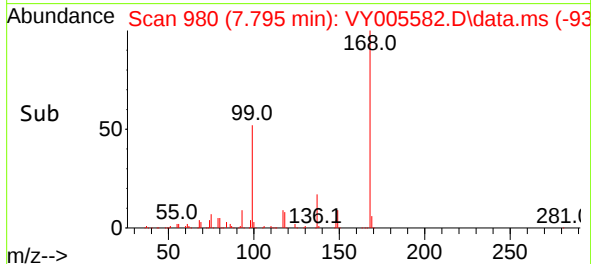
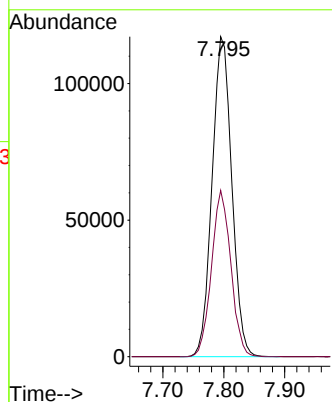
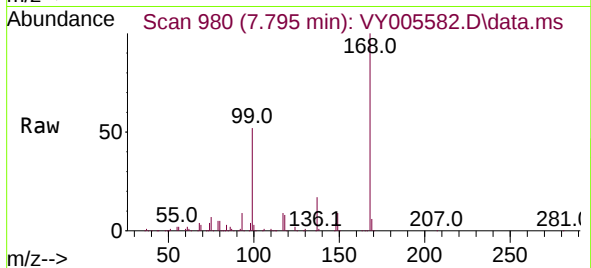




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

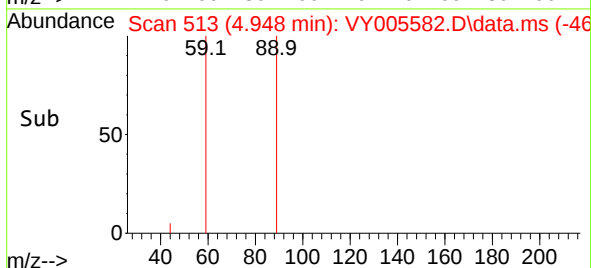
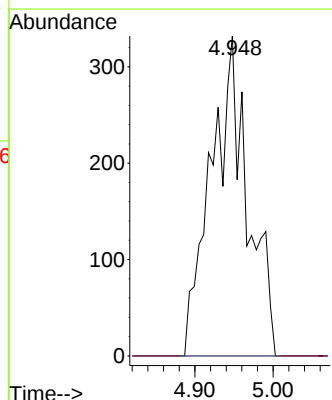
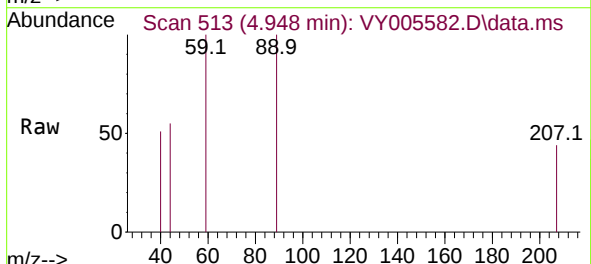
Instrument :
MSVOA_Y
ClientSampleId :

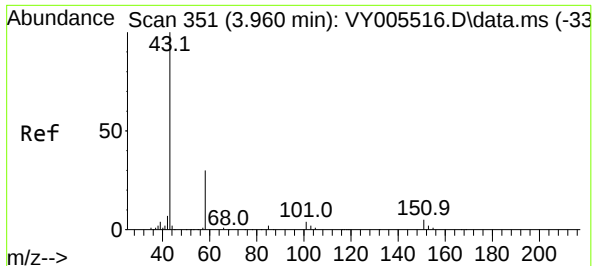
Tgt Ion:168 Resp: 263182
Ion Ratio Lower Upper
168 100
99 51.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.09 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

Tgt Ion: 59 Resp: 1076
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

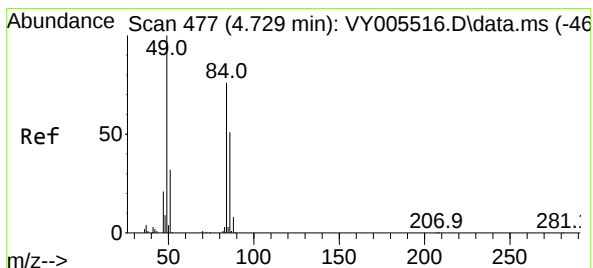
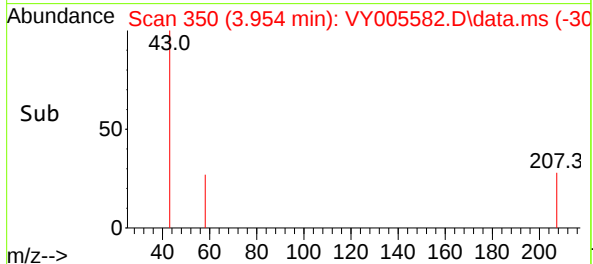
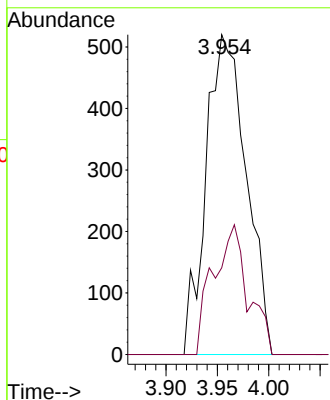
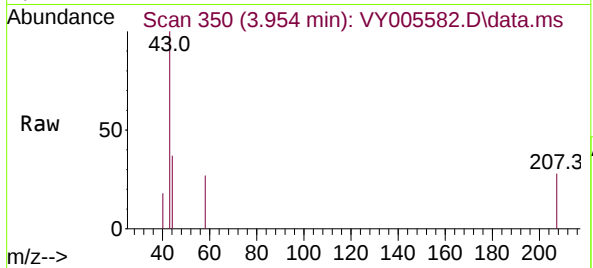




#16
Acetone
Concen: 2.11 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

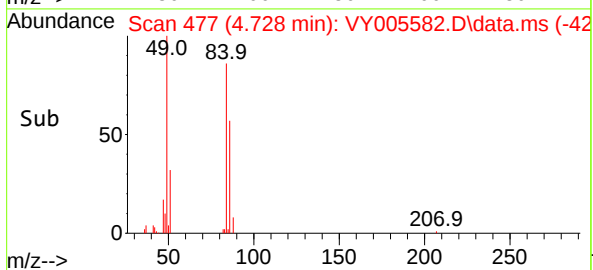
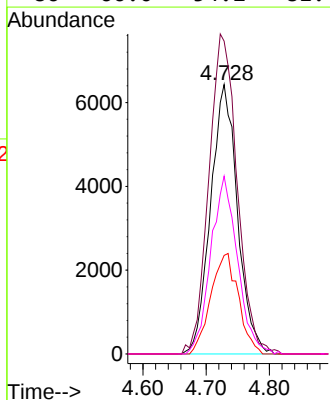
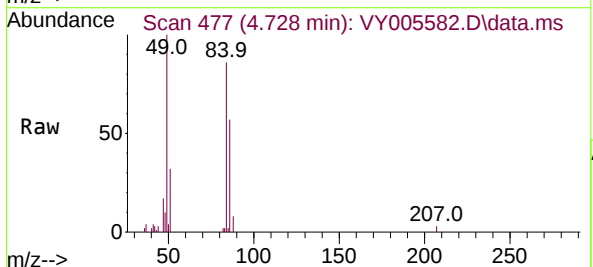
Instrument :
MSVOA_Y
ClientSampled :

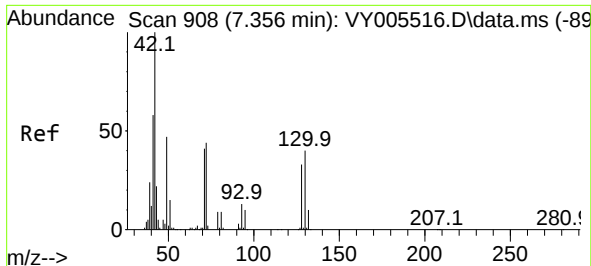
Tgt Ion: 43 Resp: 1419
Ion Ratio Lower Upper
43 100
58 27.1 23.8 35.6



#20
Methylene Chloride
Concen: 1.21 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

Tgt Ion: 84 Resp: 18978
Ion Ratio Lower Upper
84 100
49 116.1 105.8 158.6
51 36.6 33.4 50.2
86 66.0 54.2 81.4





#29

Tetrahydrofuran

Concen: 1.22 ug/l

RT: 7.356 min Scan# 908

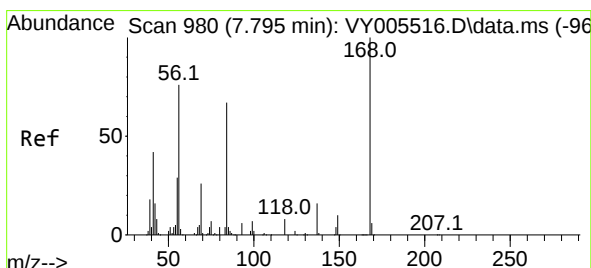
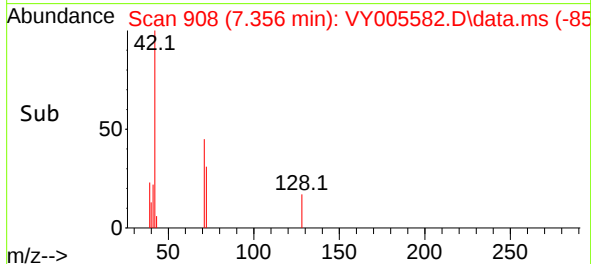
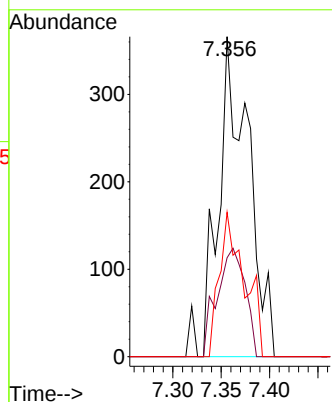
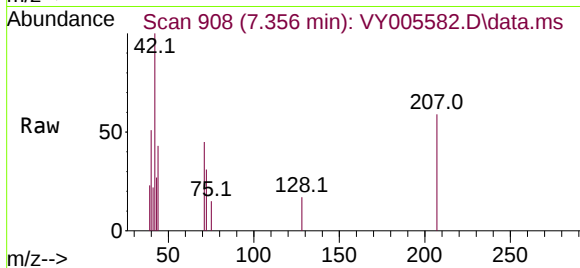
Delta R.T. -0.000 min

Lab File: VY005582.D

Acq: 10 Aug 2021 09:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	42	Resp:	803
Ion	Ratio	Lower	Upper
42	100		
72	31.3	35.0	52.4#
71	37.0	33.3	49.9



#31

Cyclohexane

Concen: 1.10 ug/l

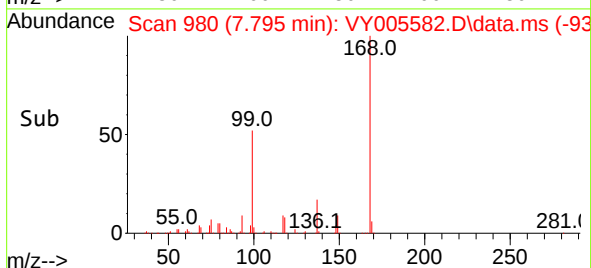
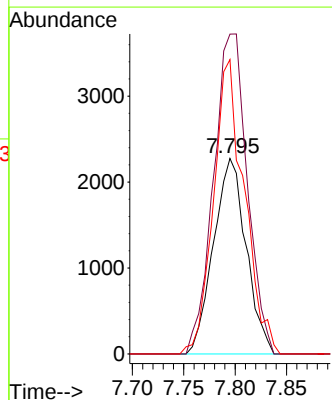
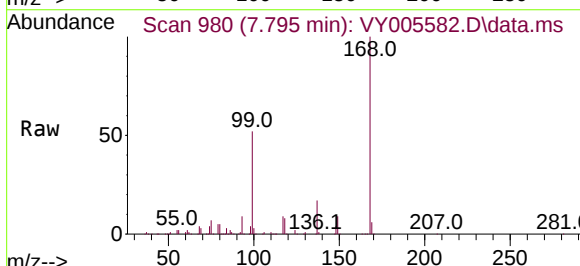
RT: 7.795 min Scan# 980

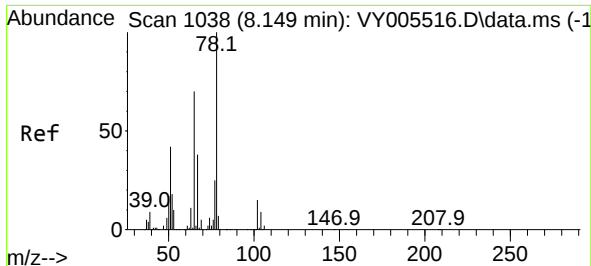
Delta R.T. -0.000 min

Lab File: VY005582.D

Acq: 10 Aug 2021 09:27

Tgt Ion:	56	Resp:	5022
Ion	Ratio	Lower	Upper
56	100		
69	163.6	27.7	41.5#
84	155.1	70.9	106.3#

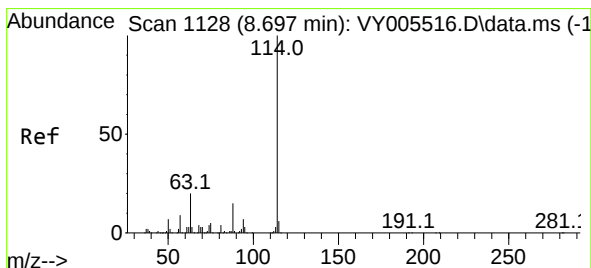
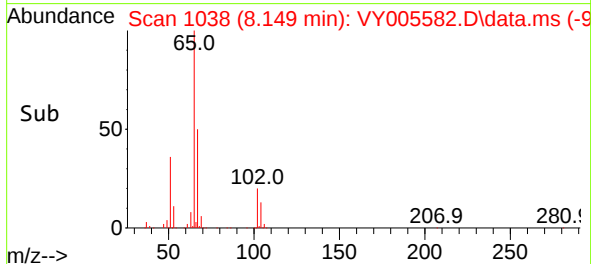
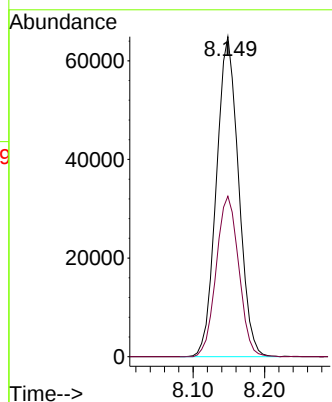
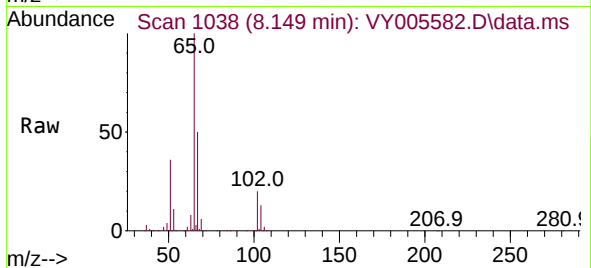




#33
1,2-Dichloroethane-d4
Concen: 52.51 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

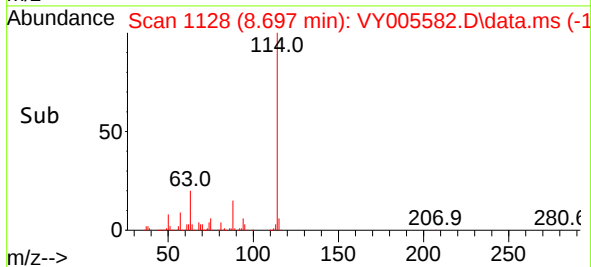
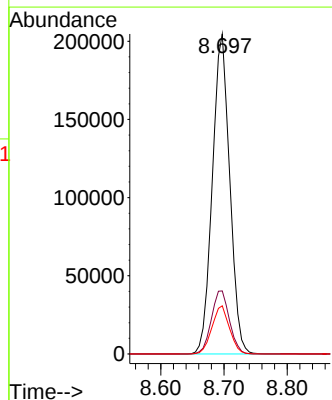
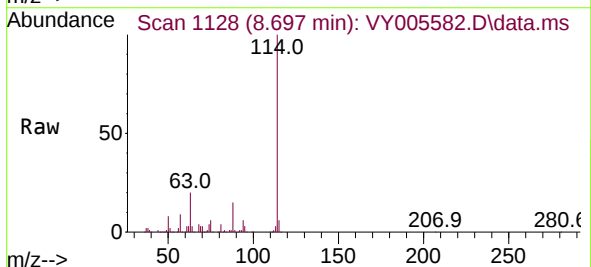
Instrument :
MSVOA_Y
ClientSampleId :

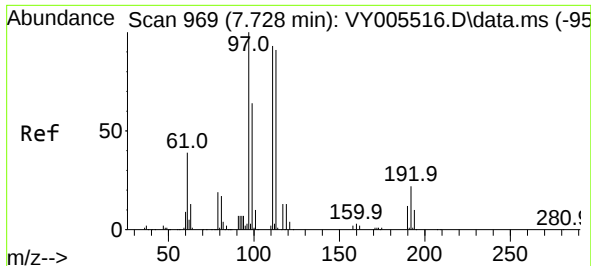
Tgt Ion: 65 Resp: 139897
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

Tgt Ion: 114 Resp: 390087
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.1 0.0 30.8

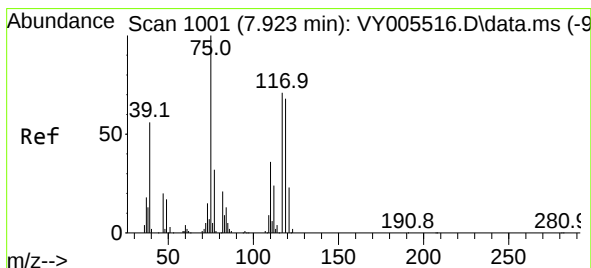
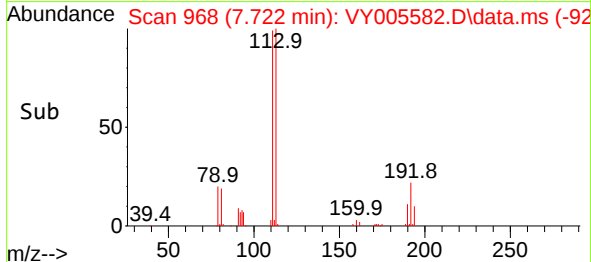
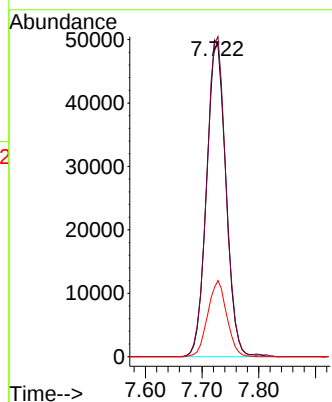
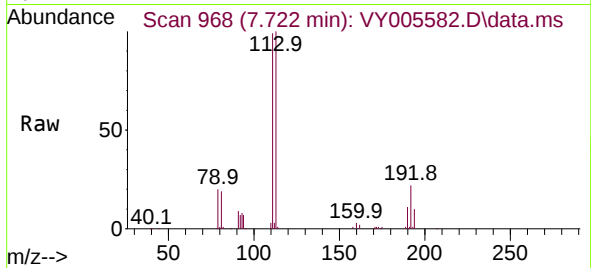




#35
Dibromofluoromethane
Concen: 54.04 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

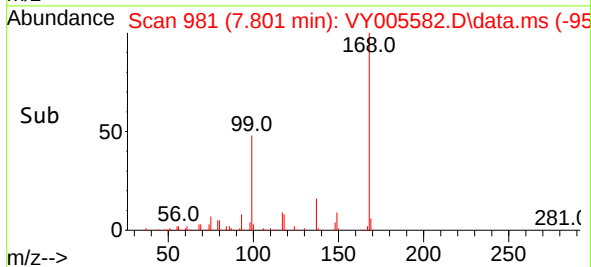
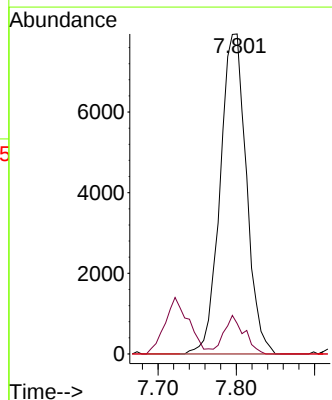
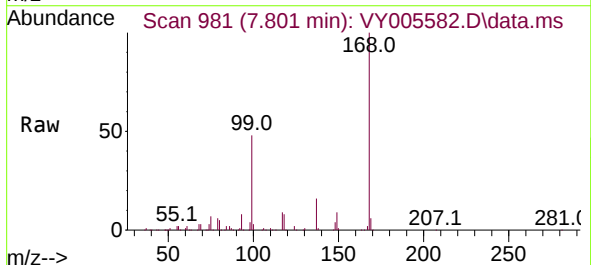
Instrument :
MSVOA_Y
ClientSampleId :

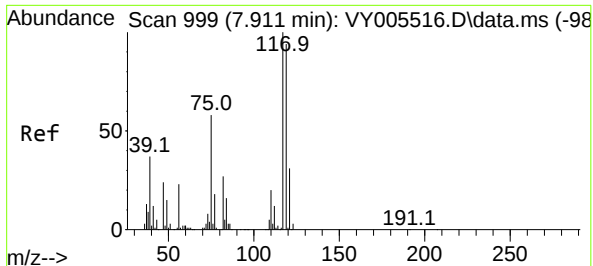
Tgt Ion:113 Resp: 118027
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 23.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

Tgt Ion: 75 Resp: 18484
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.1#
77 0.0 25.1 37.7#

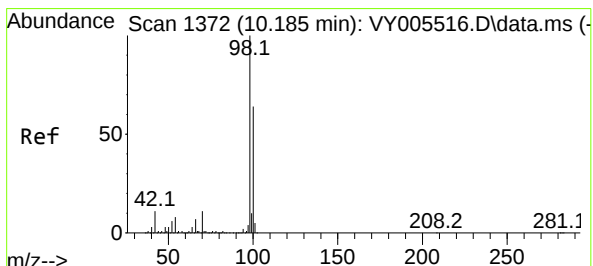
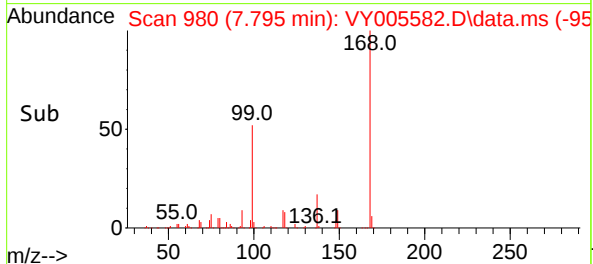
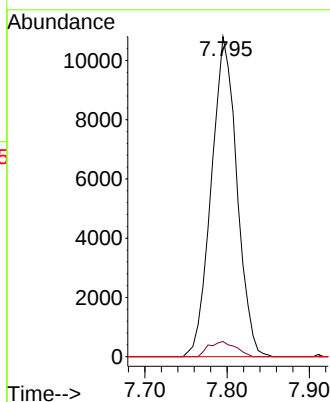
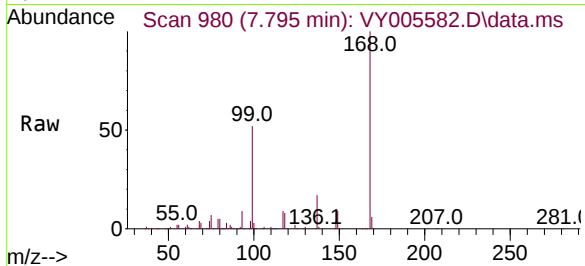




#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

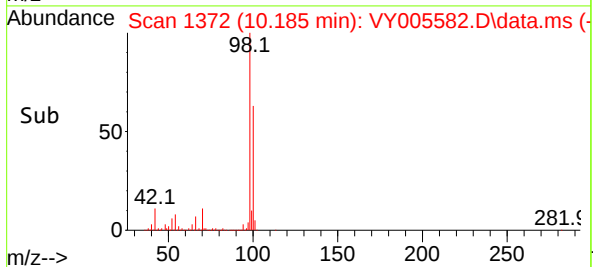
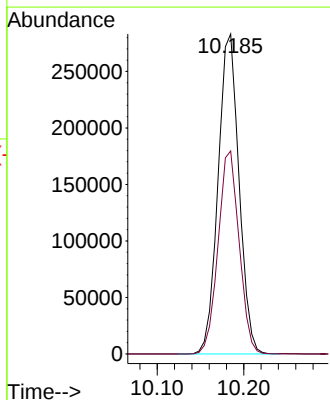
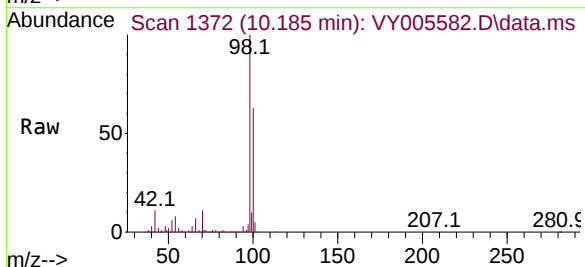
Instrument :
MSVOA_Y
ClientSampleId :

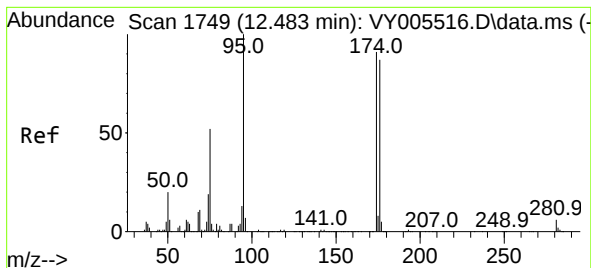
Tgt Ion:117 Resp: 23363
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 51.88 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

Tgt Ion: 98 Resp: 475192
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9

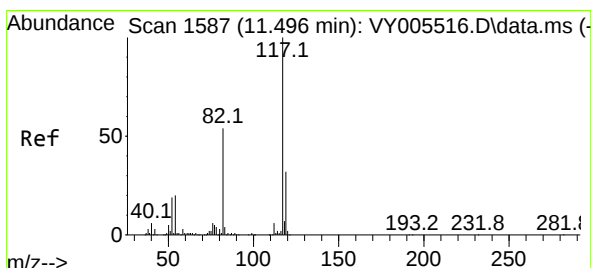
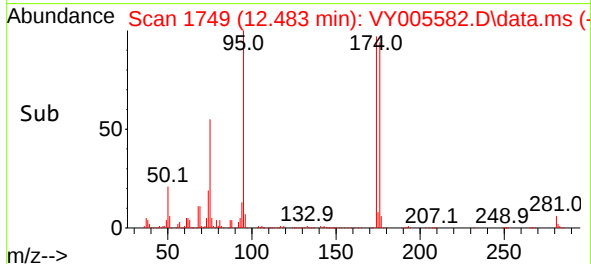
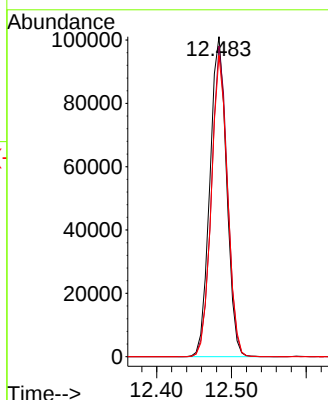
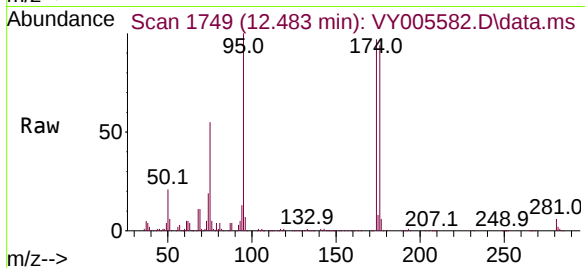




#62
4-Bromofluorobenzene
Concen: 51.70 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

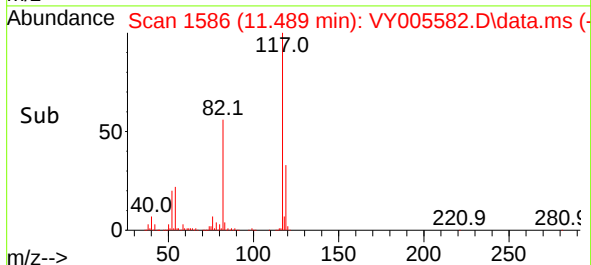
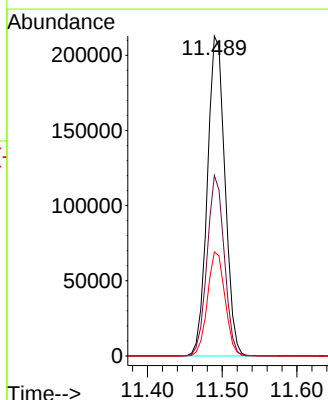
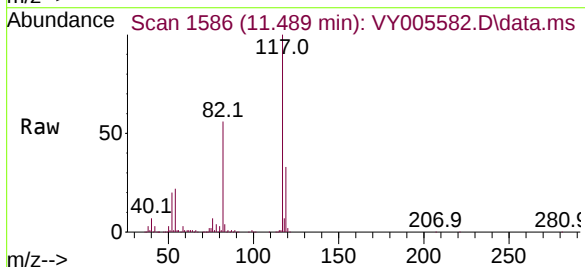
Instrument :
MSVOA_Y
ClientSampleId :

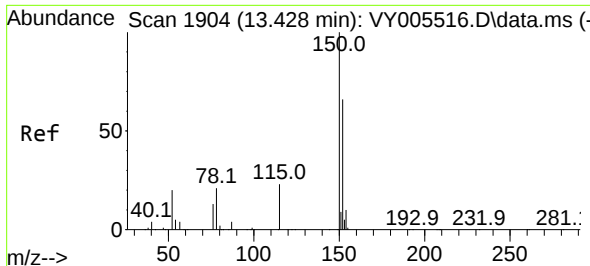
Tgt Ion:	95	Resp:	156811
Ion Ratio	Lower	Upper	
95	100		
174	93.0	0.0	191.4
176	91.3	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005582.D
Acq: 10 Aug 2021 09:27

Tgt Ion:	117	Resp:	347697
Ion Ratio	Lower	Upper	
117	100		
82	56.4	43.5	65.3
119	32.5	25.5	38.3

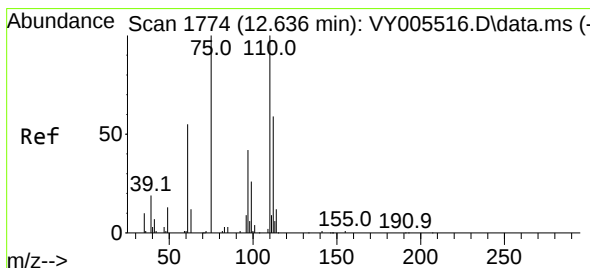
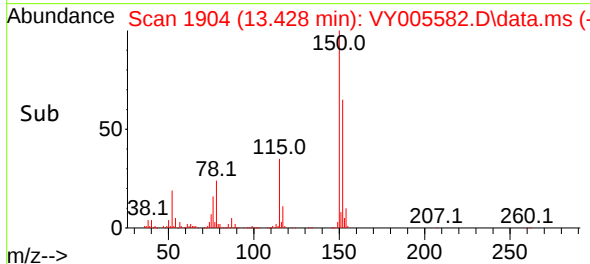
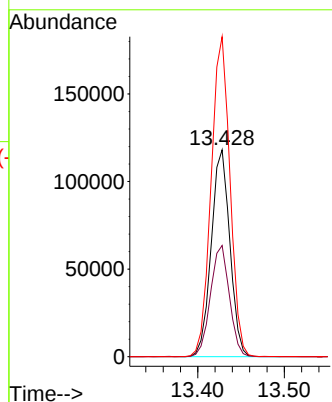
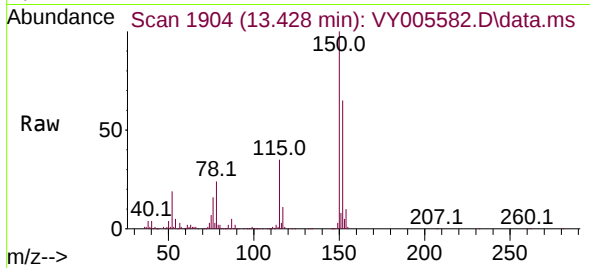




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005582.D
 Acq: 10 Aug 2021 09:27

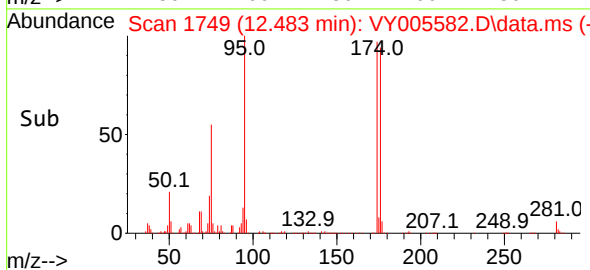
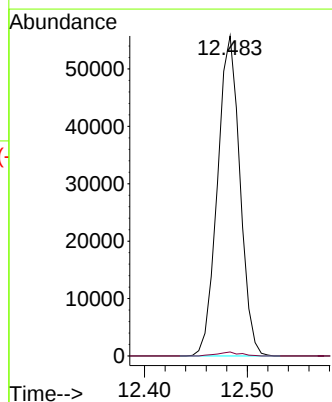
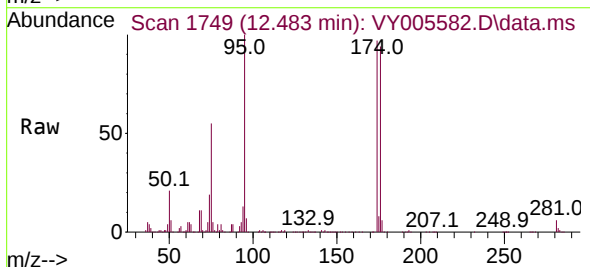
Instrument :
 MSVOA_Y
 ClientSampled :

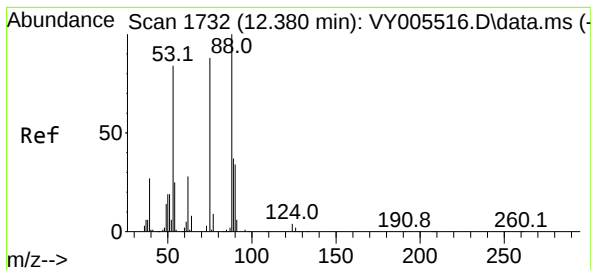
Tgt Ion:152 Resp: 176170
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.3 81.9
 150 156.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.32 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005582.D
 Acq: 10 Aug 2021 09:27

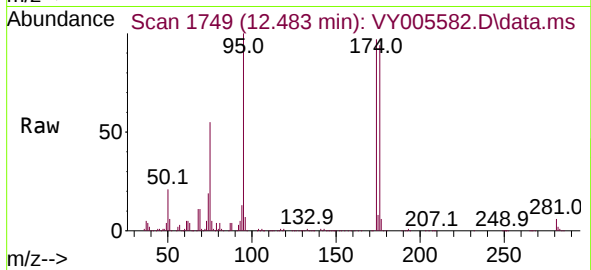
Tgt Ion: 75 Resp: 84558
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.37 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005582.D
 Acq: 10 Aug 2021 09:27

Instrument :
 MSVOA_Y
 ClientSampleId :



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

