

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005650.D
 Acq On : 13 Aug 2021 21:30
 Operator : SY/MD
 Sample : M3407-13
 Misc : 7.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27N

Quant Time: Aug 14 03:40:04 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	188647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	274601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93165	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119044	62.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.680%
35) Dibromofluoromethane	7.722	113	98288	55.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.240%
50) Toluene-d8	10.185	98	391161	52.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.483	95	103276	41.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.400%

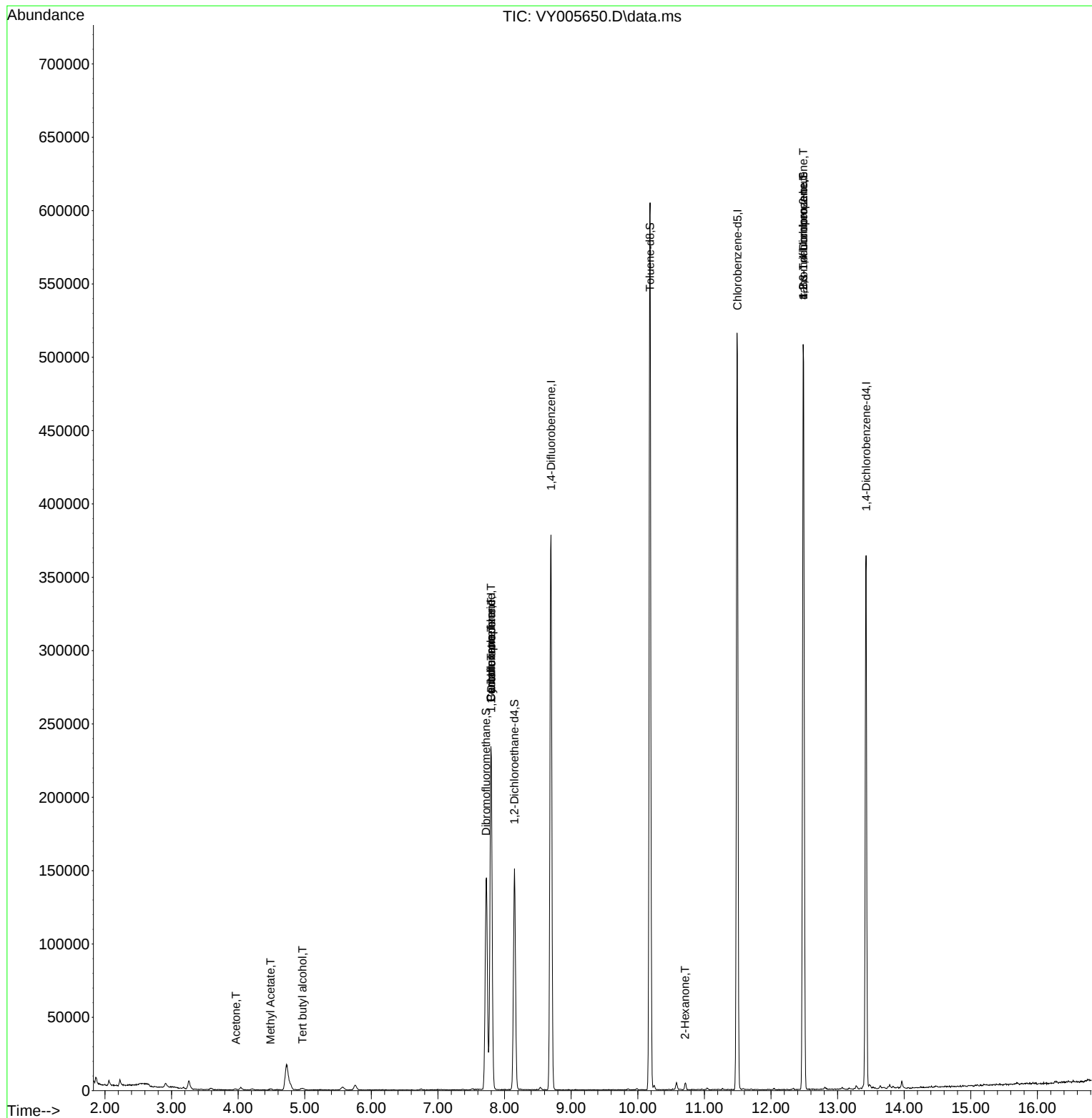
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	2821	14.944	ug/l #	78
16) Acetone	3.967	43	1273	2.644	ug/l	92
18) Methyl Acetate	4.485	43	1616	1.283	ug/l #	84
31) Cyclohexane	7.795	56	3932	1.200	ug/l #	24
36) 1,1-Dichloropropene	7.801	75	13792	4.617	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17731	5.461	ug/l #	17
59) 2-Hexanone	10.709	43	1728	1.355	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	59143	61.259	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59143	123.490	ug/l #	11

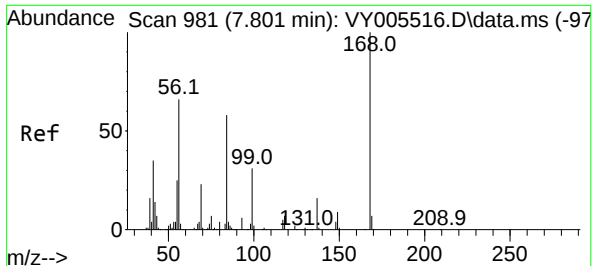
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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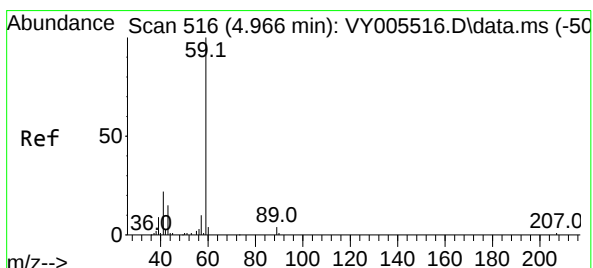
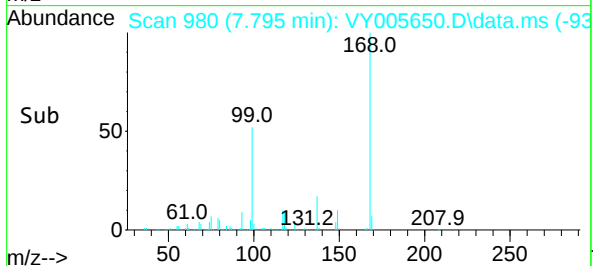
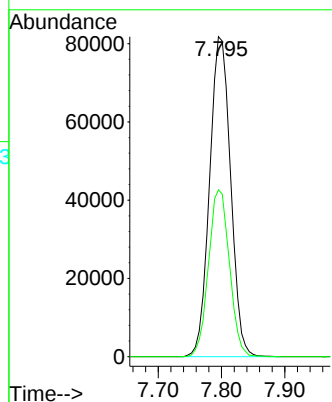
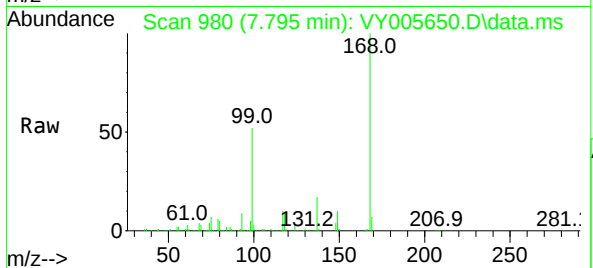




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

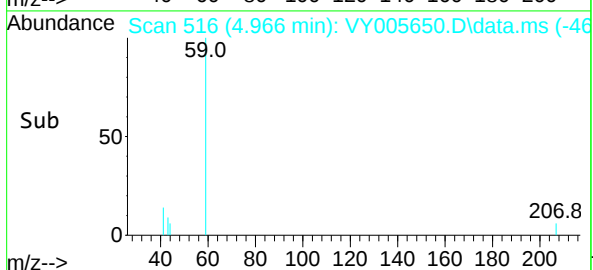
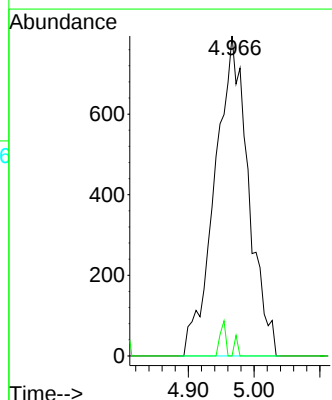
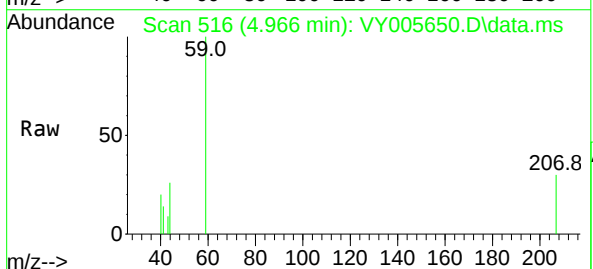
Instrument :
MSVOA_Y
ClientSampleId :
27N

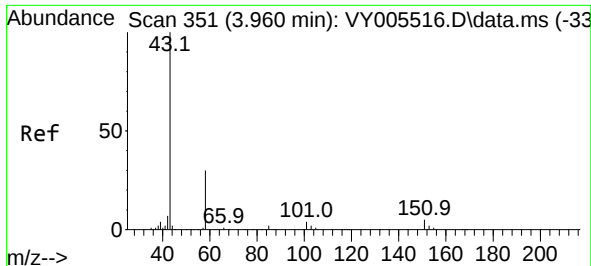
Tgt Ion:168 Resp: 188647
Ion Ratio Lower Upper
168 100
99 52.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 14.944 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

Tgt Ion: 59 Resp: 2821
Ion Ratio Lower Upper
59 100
57 1.8 8.0 12.0#

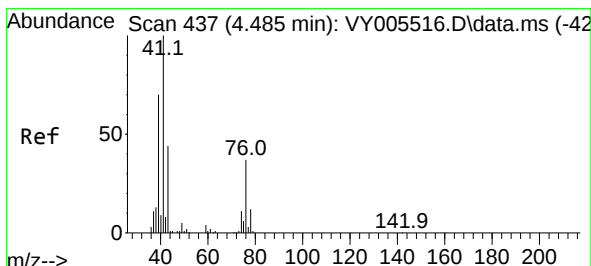
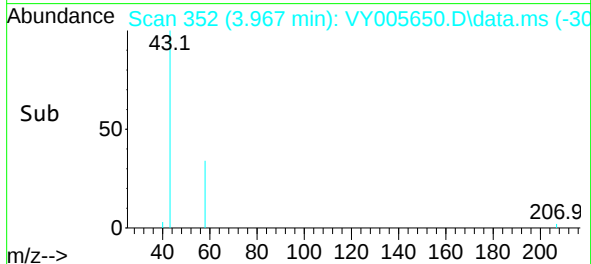
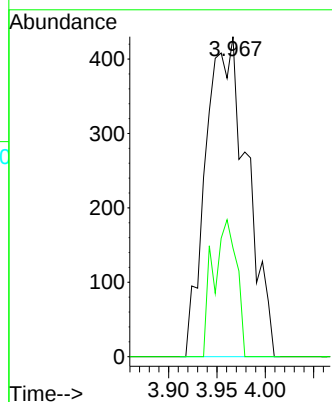
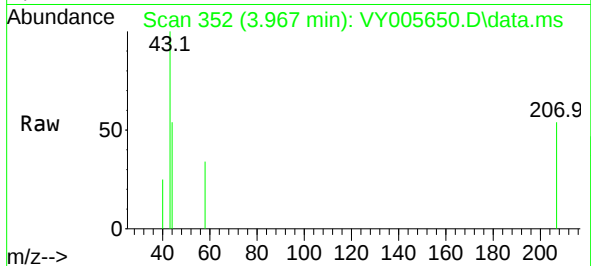




#16
Acetone
Concen: 2.644 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

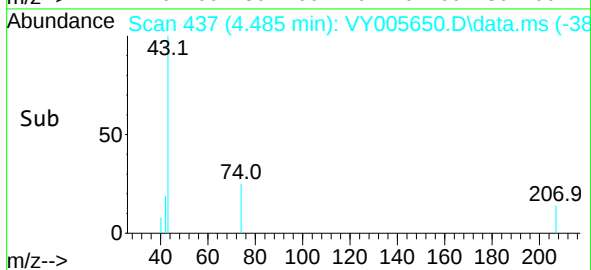
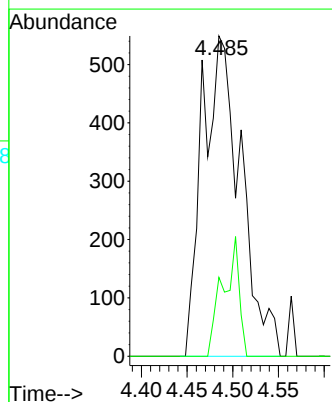
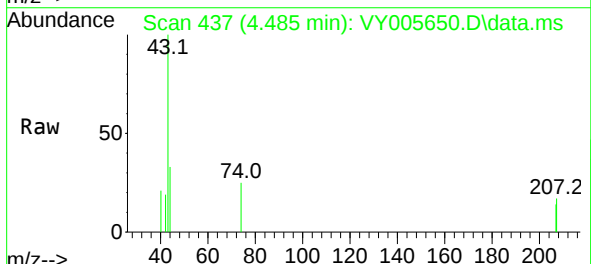
Instrument :
MSVOA_Y
ClientSampled :
27N

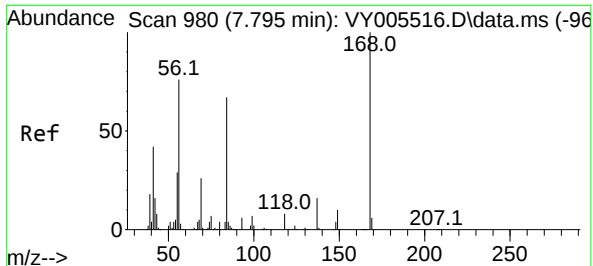
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 34.0 23.8 35.6



#18
Methyl Acetate
Concen: 1.283 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
74 15.8 19.0 28.6#

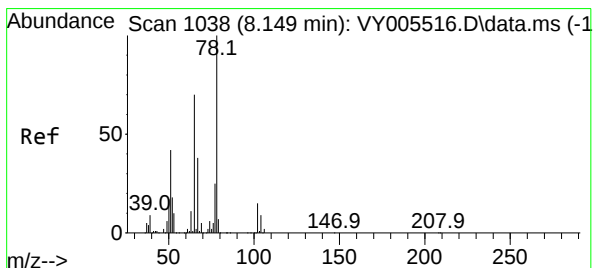
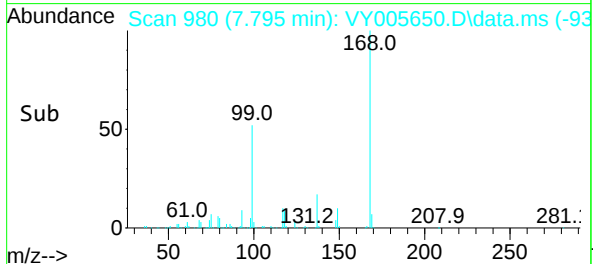
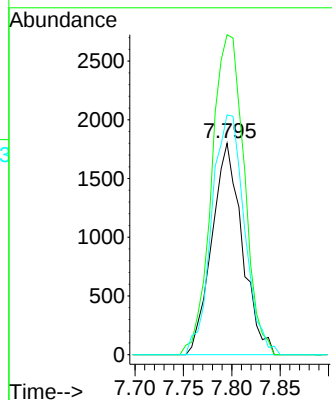
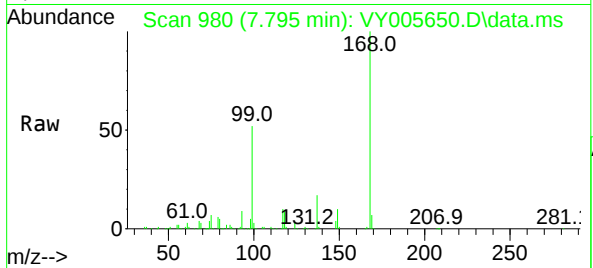




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

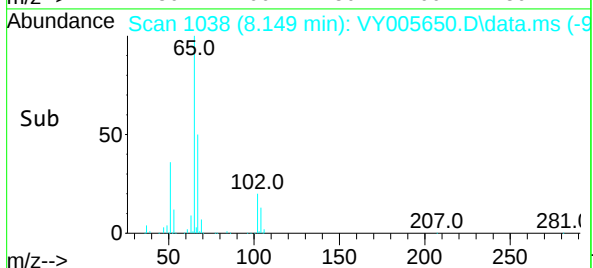
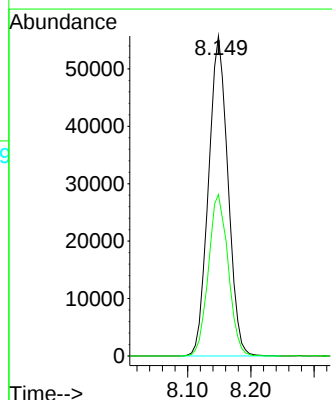
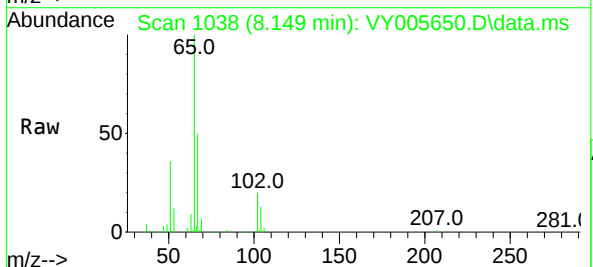
Instrument :
MSVOA_Y
ClientSampleId :
27N

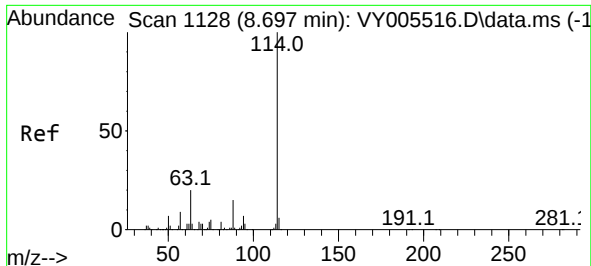
Tgt Ion: 56 Resp: 3932
Ion Ratio Lower Upper
56 100
69 151.4 27.7 41.5#
84 113.5 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.340 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

Tgt Ion: 65 Resp: 119044
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

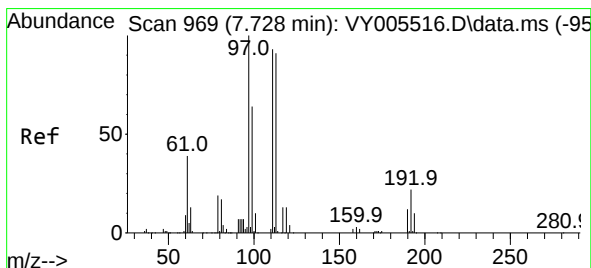
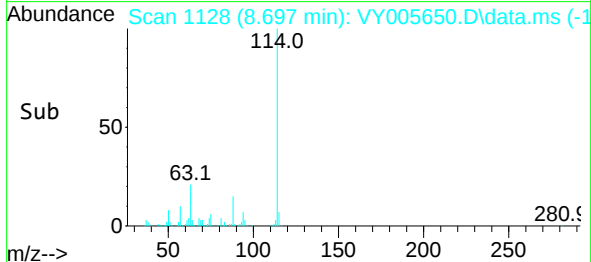
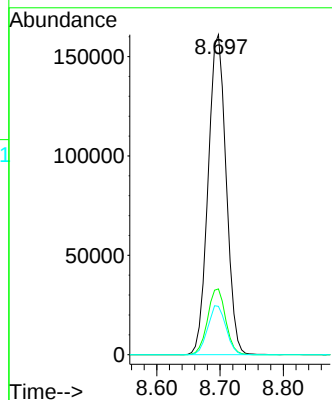
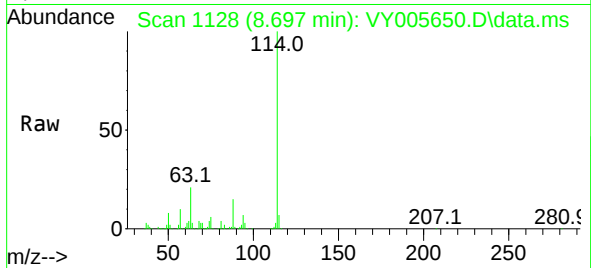




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

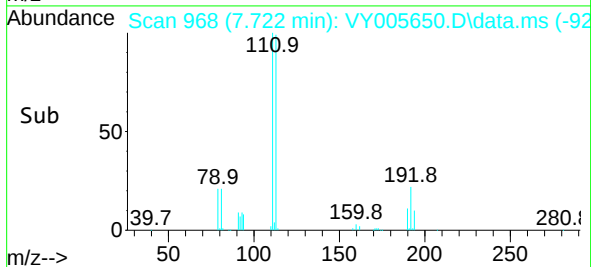
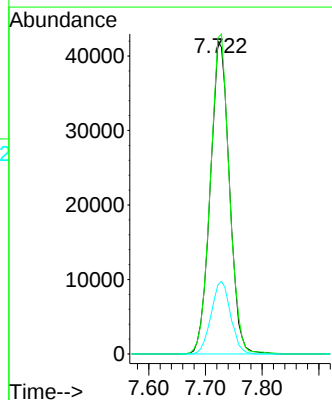
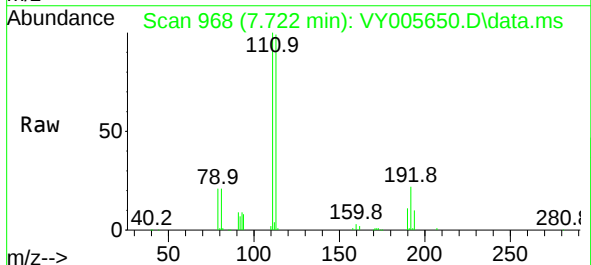
Instrument :
MSVOA_Y
ClientSampled :
27N

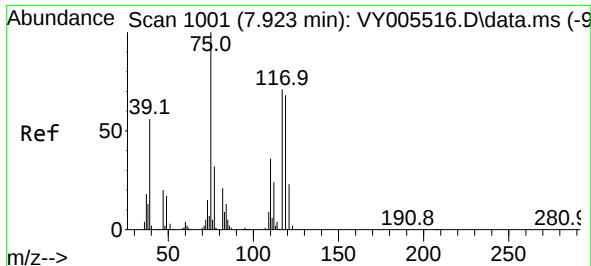
Tgt Ion:114 Resp: 318518
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.116 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

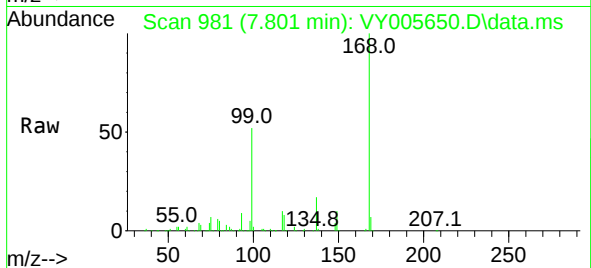
Tgt Ion:113 Resp: 98288
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 23.5 19.2 28.8



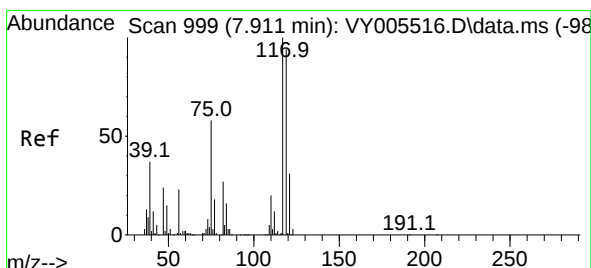
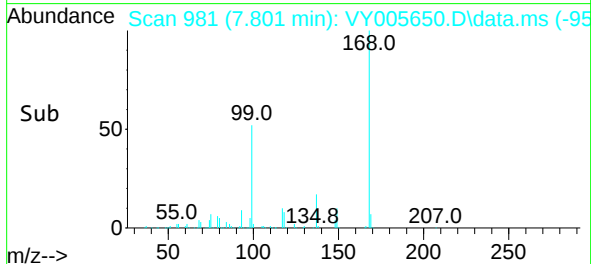
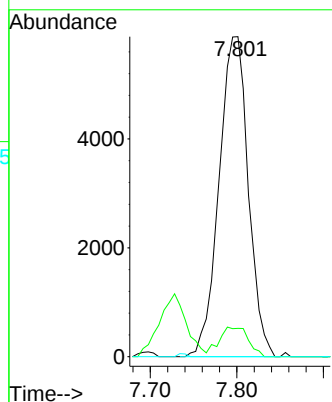


#36
 1,1-Dichloropropene
 Concen: 4.617 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY005650.D
 Acq: 13 Aug 2021 21:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 27N

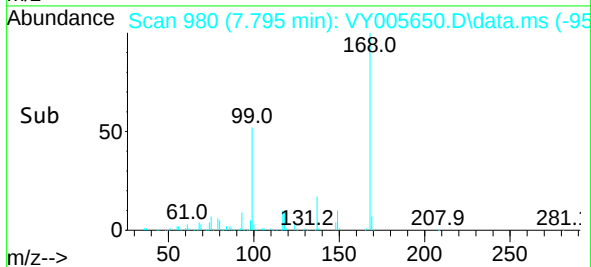
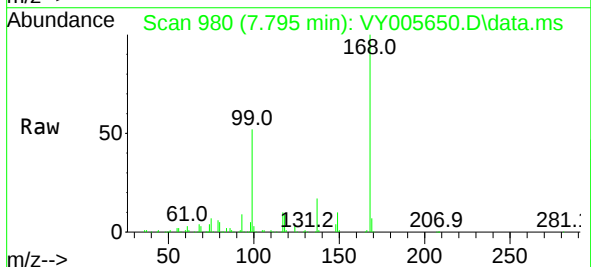
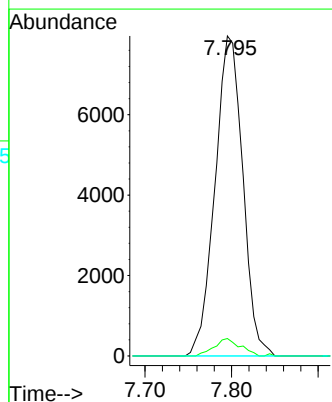


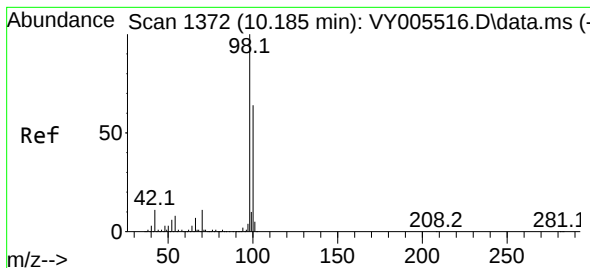
Tgt Ion: 75 Resp: 13792
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.1#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.461 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005650.D
 Acq: 13 Aug 2021 21:30

Tgt Ion: 117 Resp: 17731
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.4 113.0#
 121 0.0 25.1 37.7#

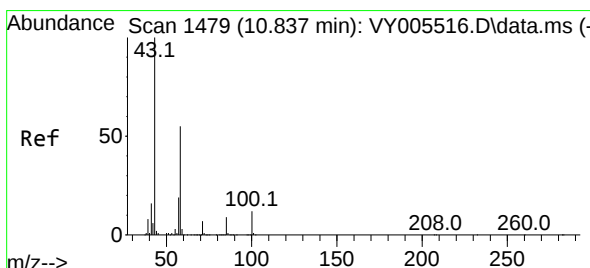
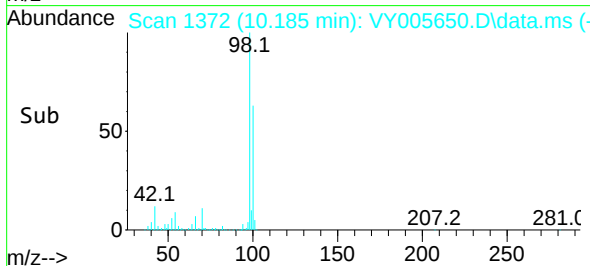
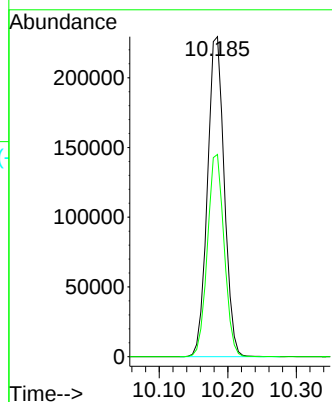
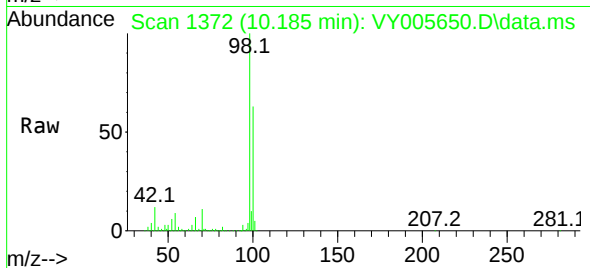




#50
Toluene-d8
Concen: 52.301 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

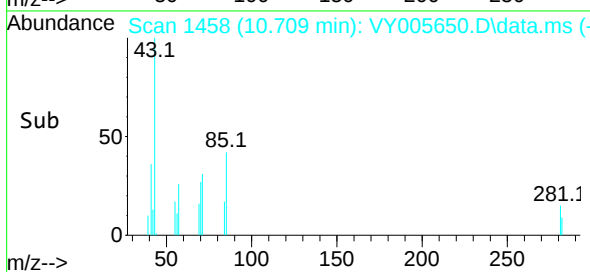
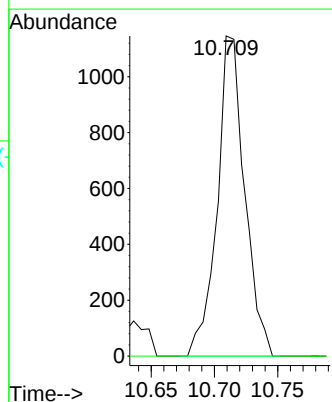
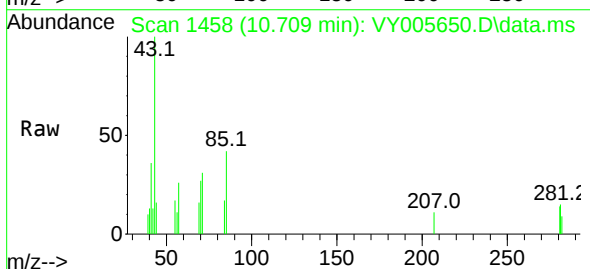
Instrument :
MSVOA_Y
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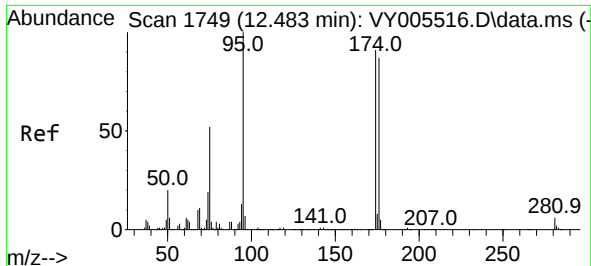
Tgt Ion: 98 Resp: 391161
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#59
2-Hexanone
Concen: 1.355 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.128 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

Tgt Ion: 43 Resp: 1728
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.2#

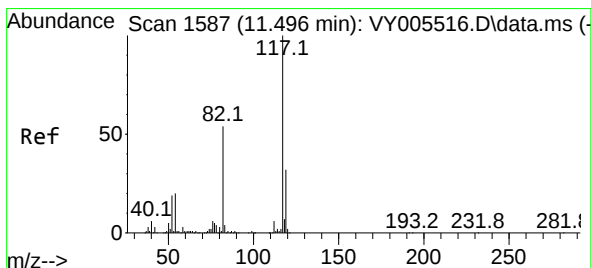
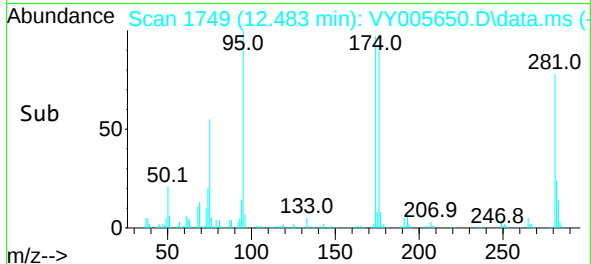
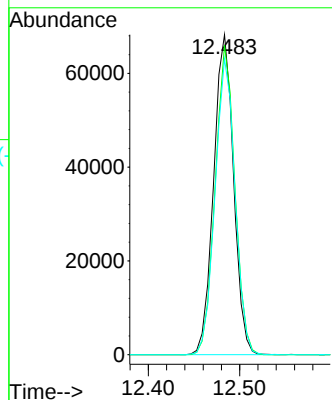
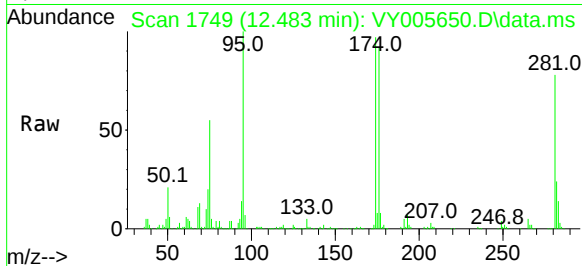




#62
4-Bromofluorobenzene
Concen: 41.699 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

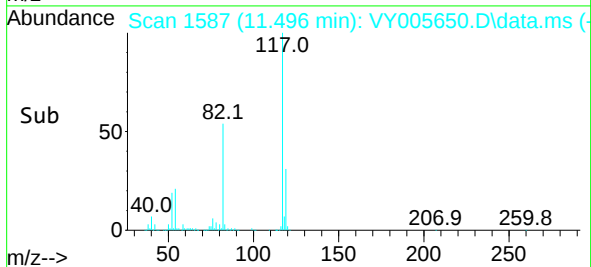
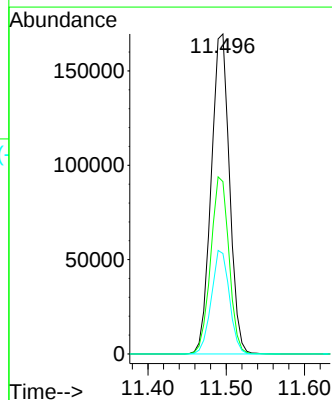
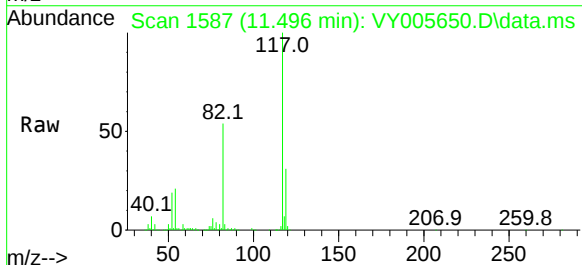
Instrument :
MSVOA_Y
ClientSampleId :
27N

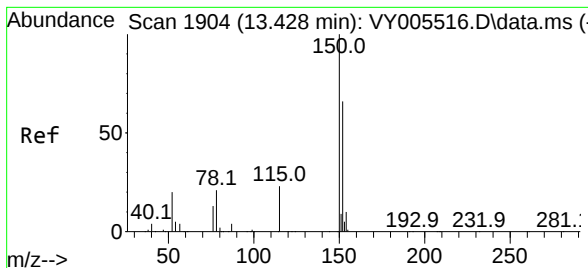
Tgt Ion:	95	Resp:	103276
Ion Ratio	Lower	Upper	
95	100		
174	95.5	0.0	191.4
176	92.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005650.D
Acq: 13 Aug 2021 21:30

Tgt Ion:	117	Resp:	274601
Ion Ratio	Lower	Upper	
117	100		
82	53.9	43.5	65.3
119	31.4	25.5	38.3

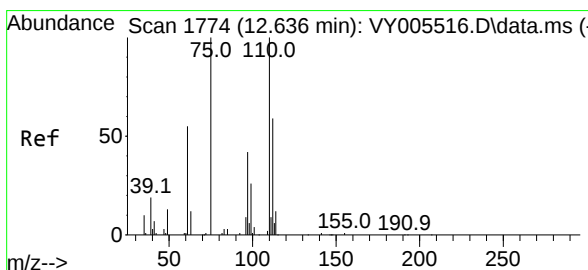
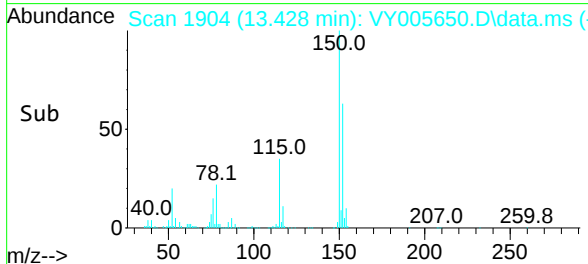
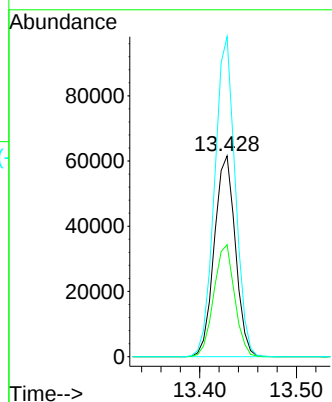
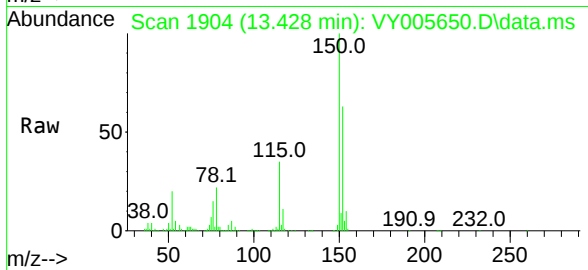




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005650.D
 Acq: 13 Aug 2021 21:30

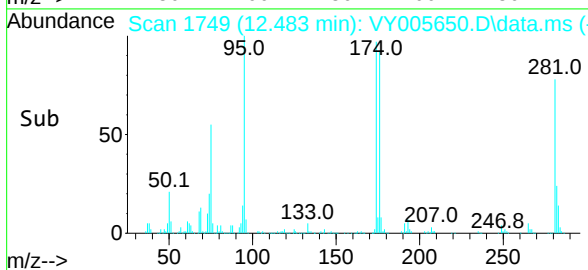
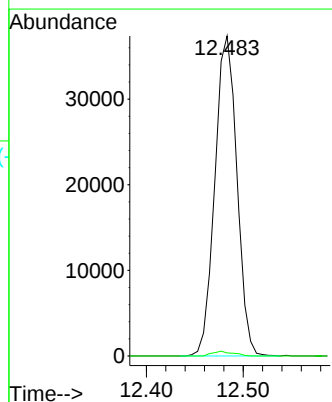
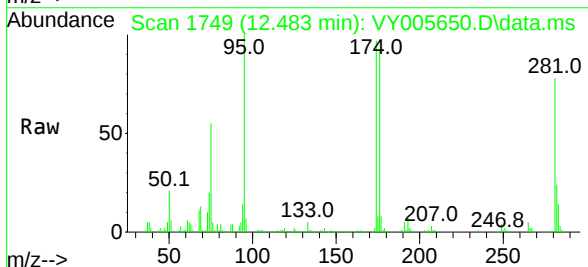
Instrument :
 MSVOA_Y
 ClientSampled :
 27N

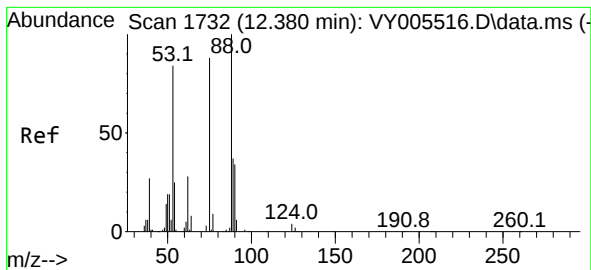
Tgt Ion:152 Resp: 93165
 Ion Ratio Lower Upper
 152 100
 115 55.1 27.3 81.9
 150 155.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 61.259 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005650.D
 Acq: 13 Aug 2021 21:30

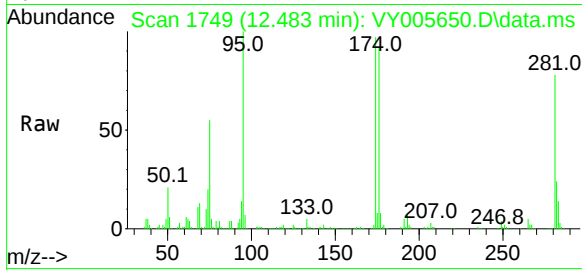
Tgt Ion: 75 Resp: 59143
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.490 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005650.D
 Acq: 13 Aug 2021 21:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 27N



Tgt Ion:	75	Resp:	59143
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	1.0	38.4	57.6#

