

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005588.D
 Acq On : 10 Aug 2021 12:20
 Operator : SY/MD
 Sample : M3328-03
 Misc : 7.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:36:29 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)

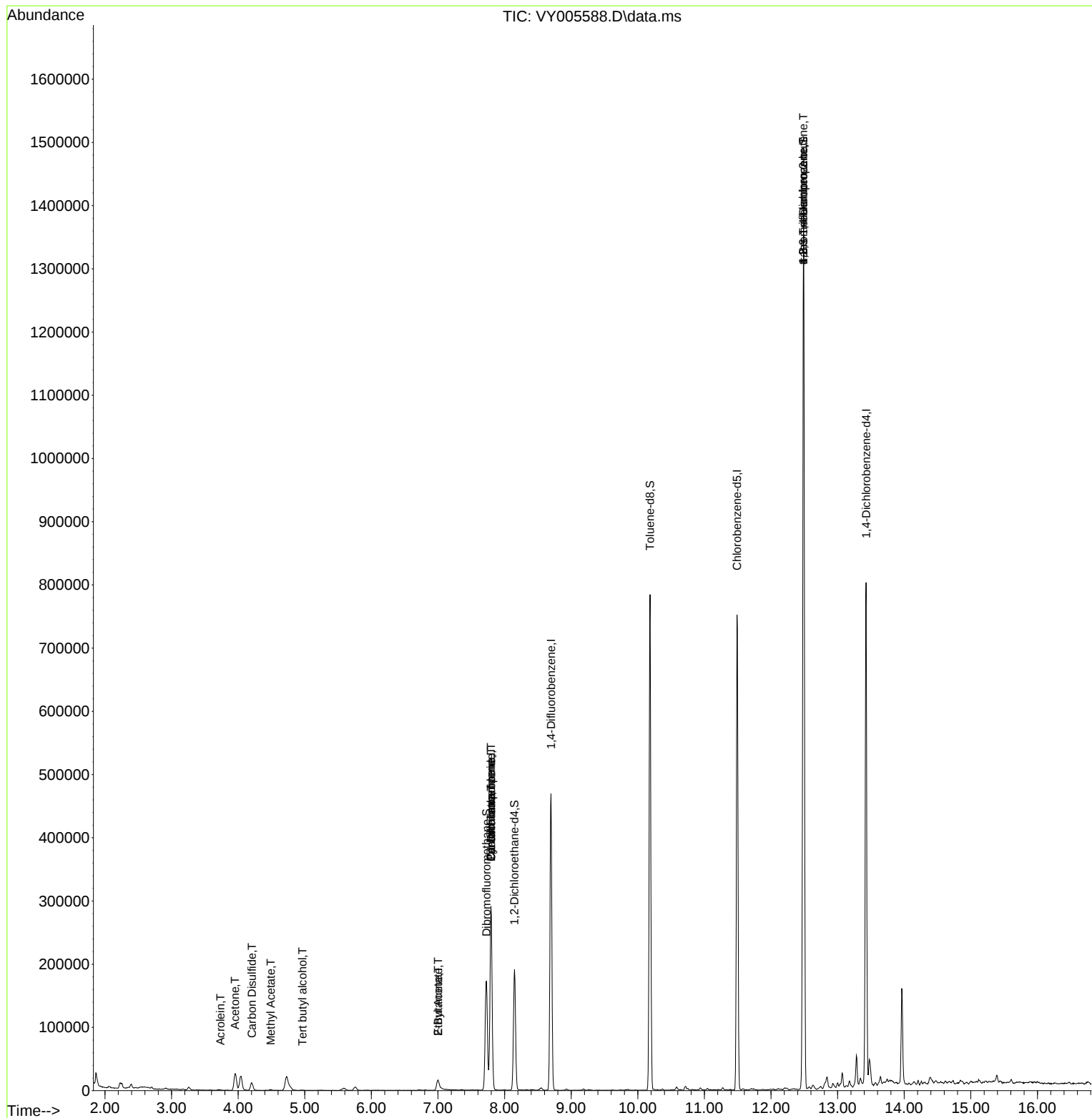
Internal Standards						
1) Pentafluorobenzene	7.795	168	233569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	393315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	401778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	205453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154433	65.32	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.64%			
35) Dibromofluoromethane	7.728	113	120328	54.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.28%			
50) Toluene-d8	10.185	98	499377	54.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.14%			
62) 4-Bromofluorobenzene	12.483	95	188658	61.69	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.38%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	1111	4.75	ug/l #	73
13) Acrolein	3.735	56	660	4.68	ug/l #	14
16) Acetone	3.954	43	47686	80.00	ug/l	97
17) Carbon Disulfide	4.204	76	23527	3.79	ug/l	99
18) Methyl Acetate	4.491	43	2082	1.34	ug/l #	71
25) 2-Butanone	7.003	43	18603	21.11	ug/l	98
31) Cyclohexane	7.795	56	4965	1.22	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	16328	4.43	ug/l #	50
37) Ethyl Acetate	7.003	43	18603	8.32	ug/l #	70
38) Carbon Tetrachloride	7.795	117	21355	5.33	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	106369	49.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	106369	100.71	ug/l #	12

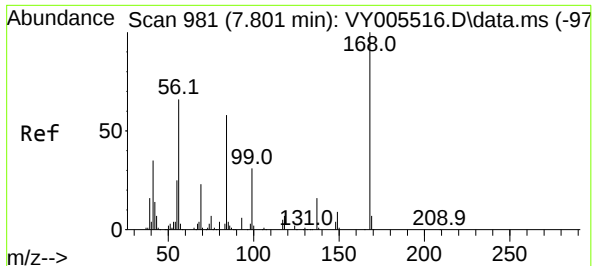
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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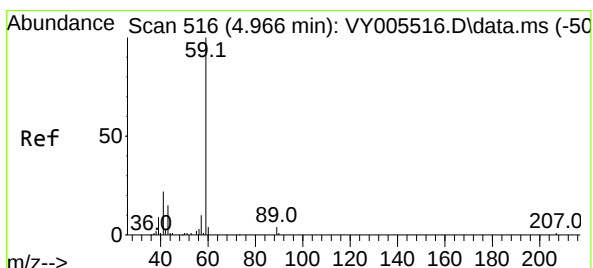
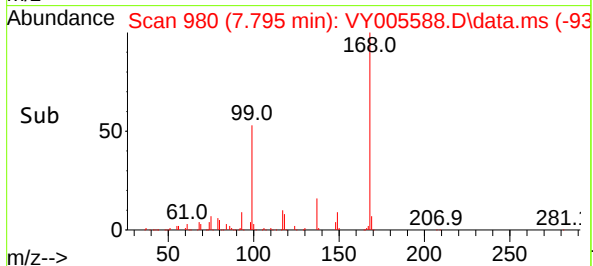
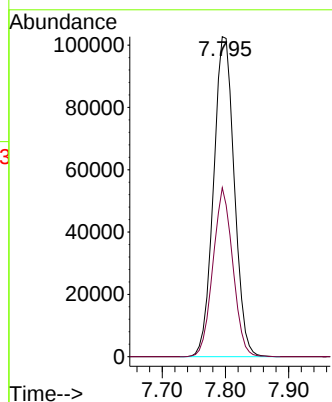
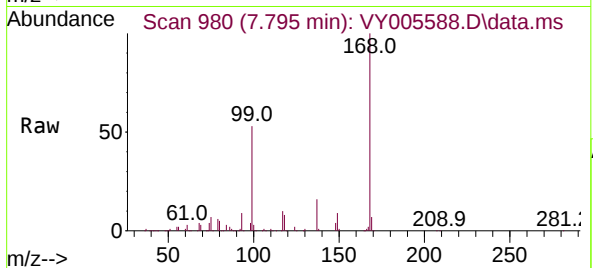




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

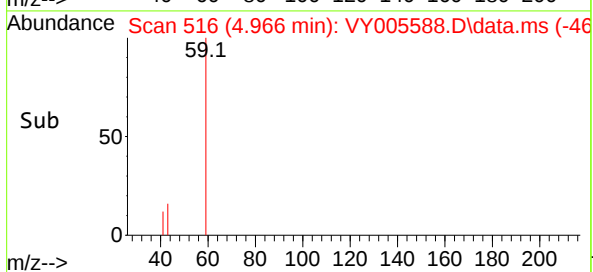
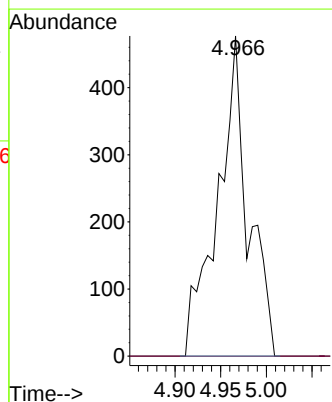
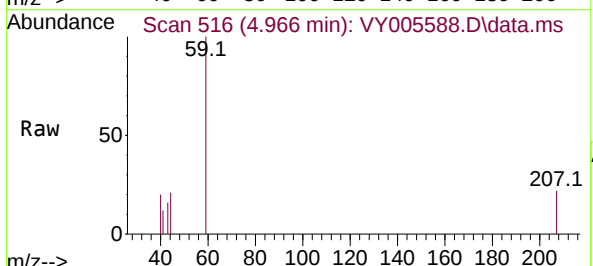
Instrument :
MSVOA_Y
ClientSampled :

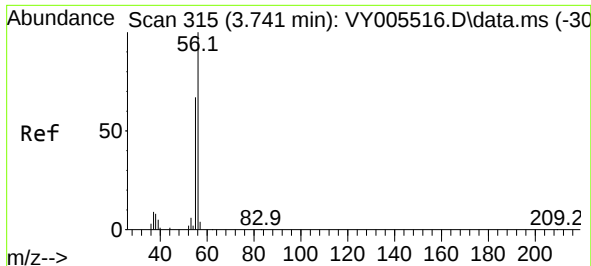
Tgt Ion:168 Resp: 233569
Ion Ratio Lower Upper
168 100
99 52.8 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.75 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

Tgt Ion: 59 Resp: 1111
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

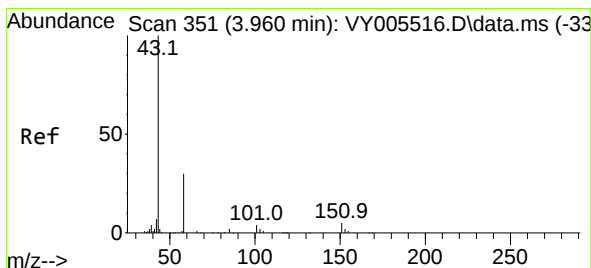
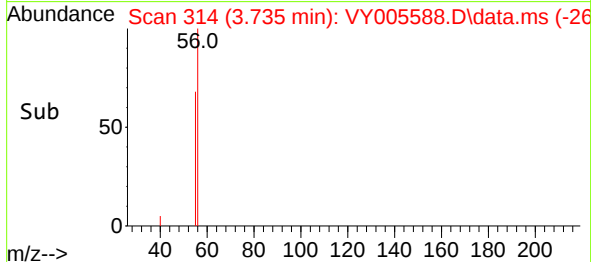
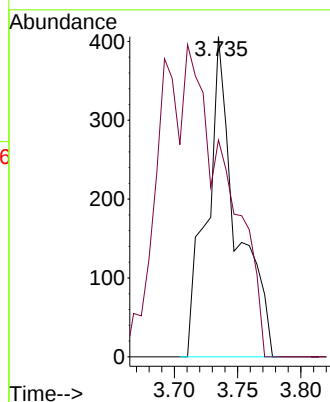
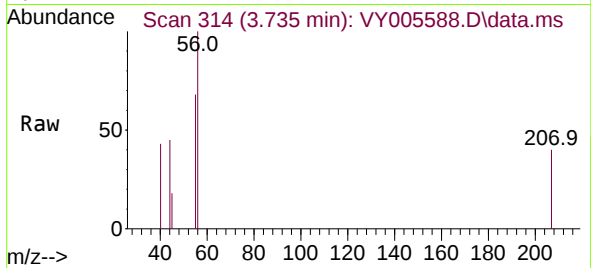




#13
Acrolein
Concen: 4.68 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

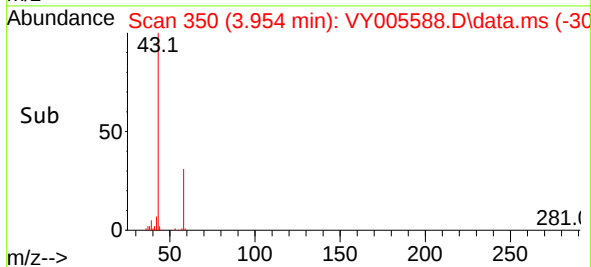
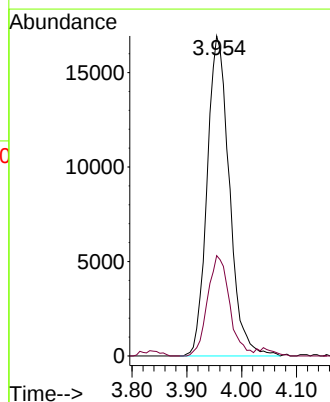
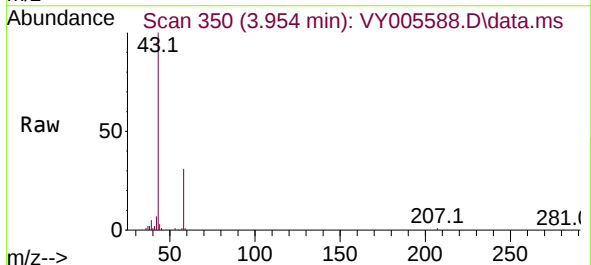
Instrument :
MSVOA_Y
ClientSampled :

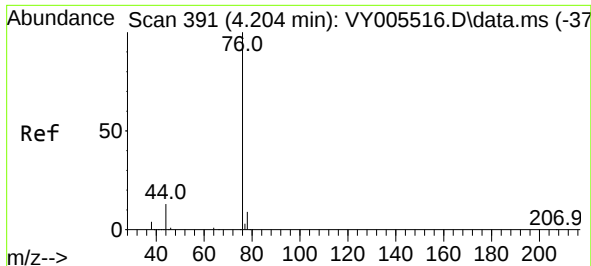
Tgt Ion: 56 Resp: 660
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 80.00 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

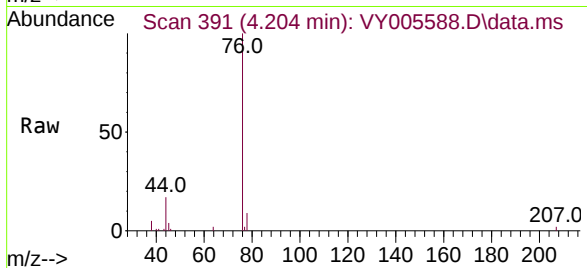
Tgt Ion: 43 Resp: 47686
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6



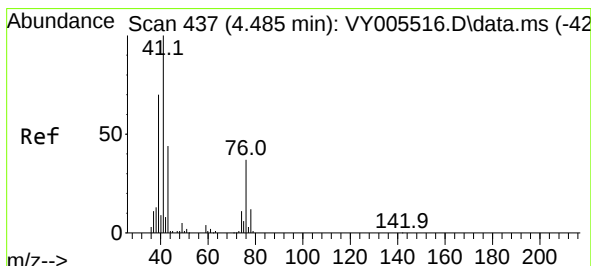
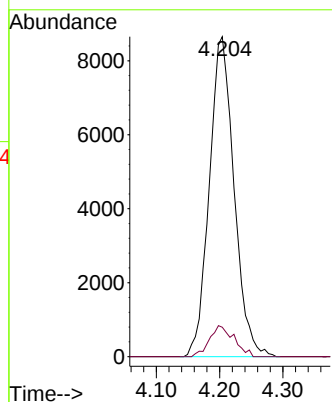
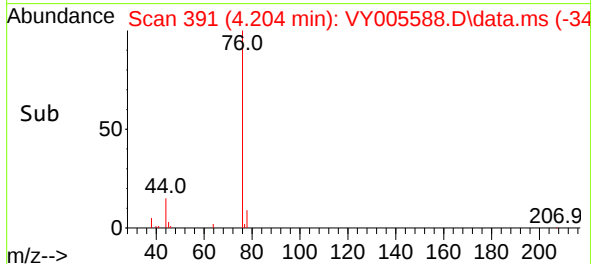


#17
Carbon Disulfide
Concen: 3.79 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

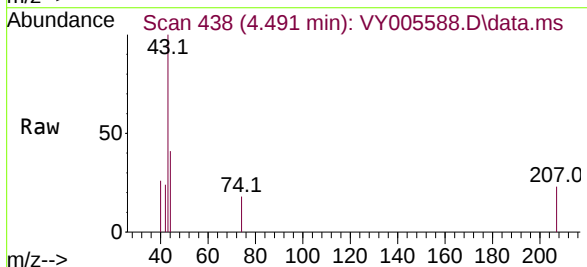
Instrument :
MSVOA_Y
ClientSampled :



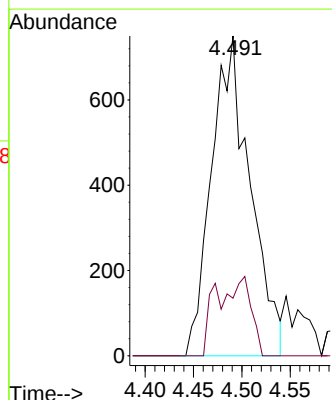
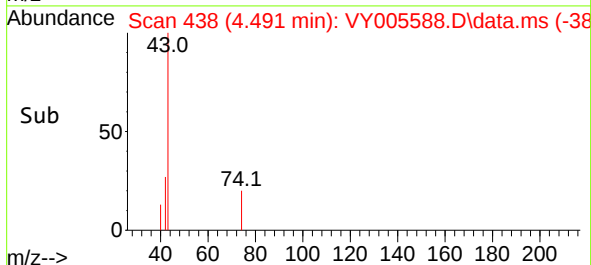
Tgt Ion: 76 Resp: 23527
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

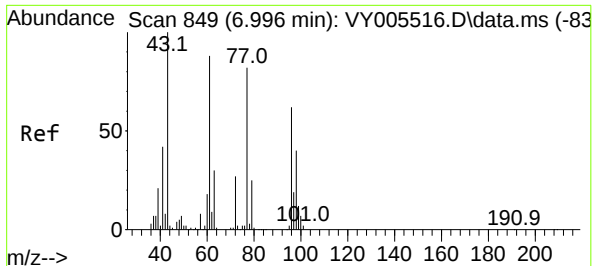


#18
Methyl Acetate
Concen: 1.34 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20



Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
74 9.5 19.0 28.6#





#25

2-Butanone

Concen: 21.11 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005588.D

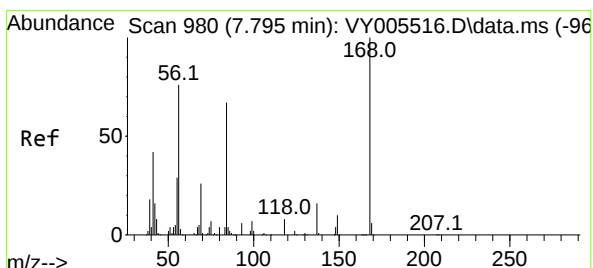
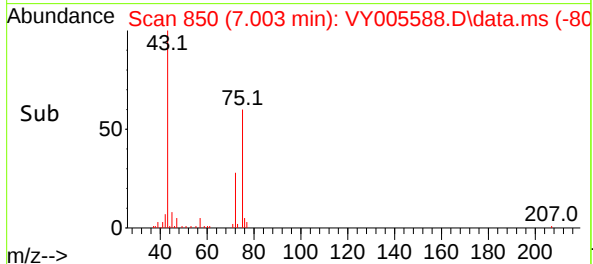
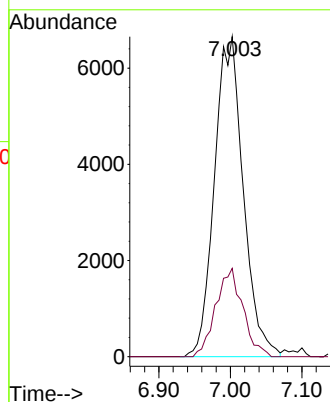
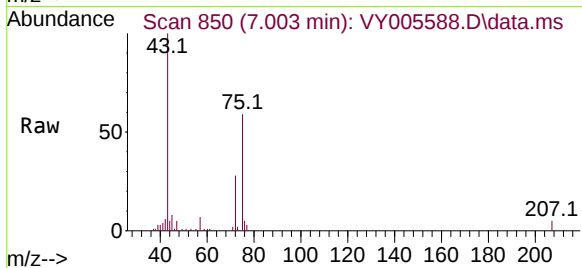
Acq: 10 Aug 2021 12:20

Tgt Ion: 43 Resp: 18603

Ion Ratio Lower Upper

43 100

72 27.6 21.4 32.2



#31

Cyclohexane

Concen: 1.22 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005588.D

Acq: 10 Aug 2021 12:20

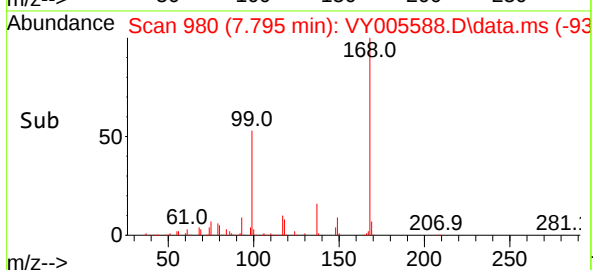
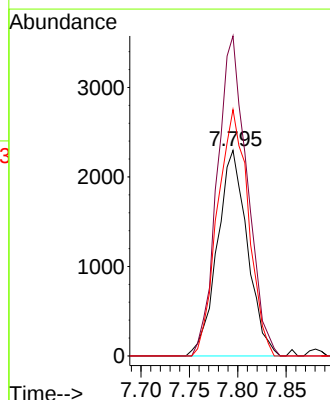
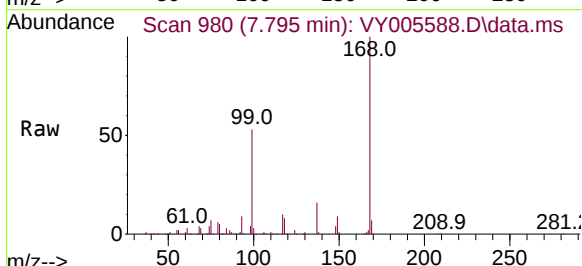
Tgt Ion: 56 Resp: 4965

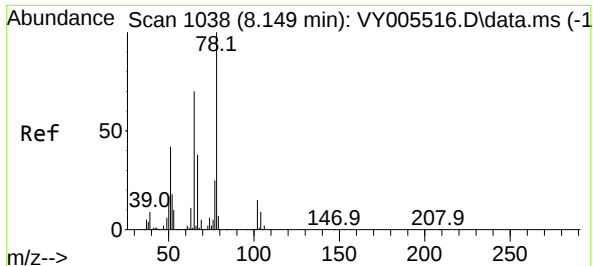
Ion Ratio Lower Upper

56 100

69 155.6 27.7 41.5#

84 119.8 70.9 106.3#

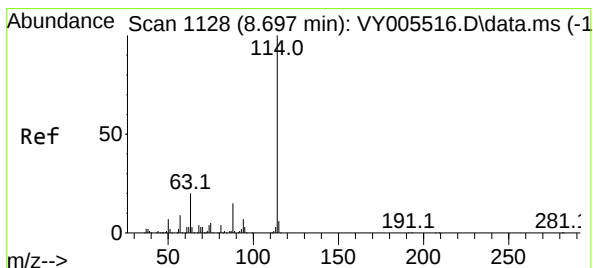
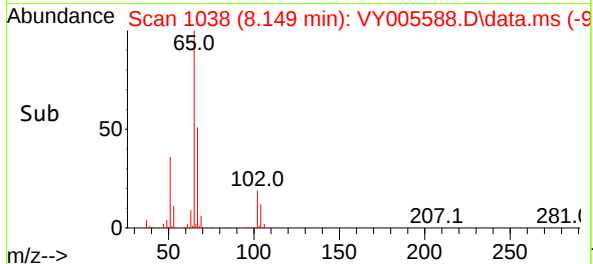
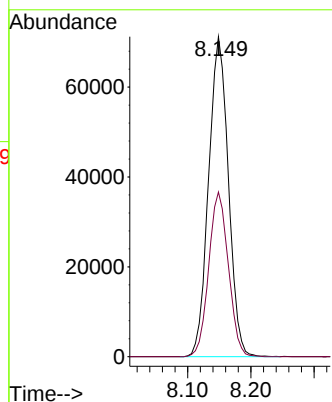
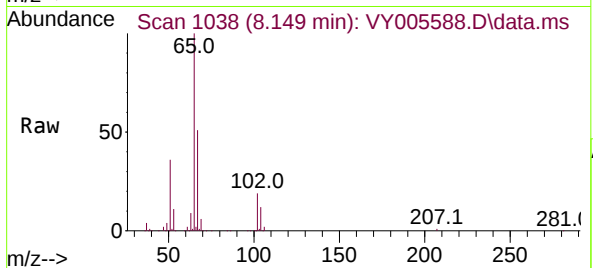




#33
1,2-Dichloroethane-d4
Concen: 65.32 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

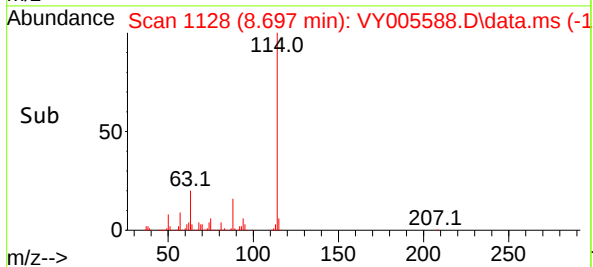
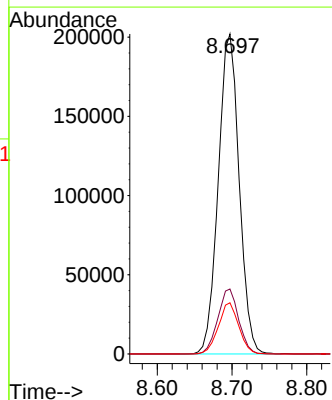
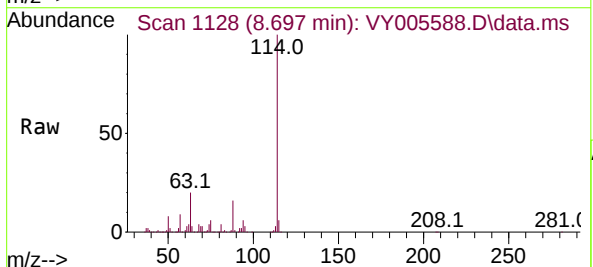
Instrument :
MSVOA_Y
ClientSampleId :

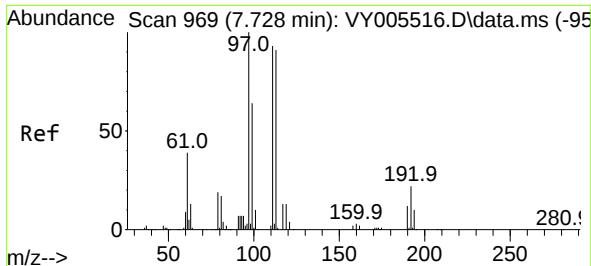
Tgt Ion: 65 Resp: 154433
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

Tgt Ion: 114 Resp: 393315
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 16.0 0.0 30.8

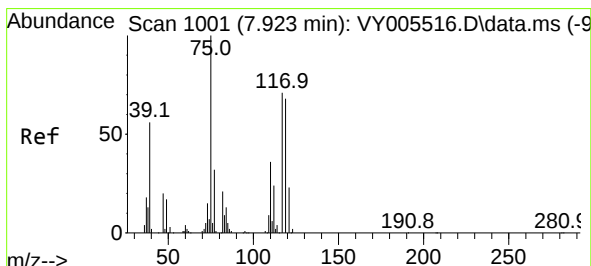
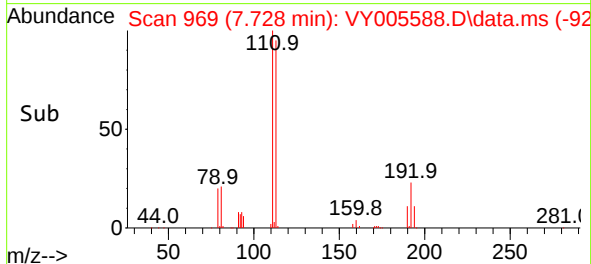
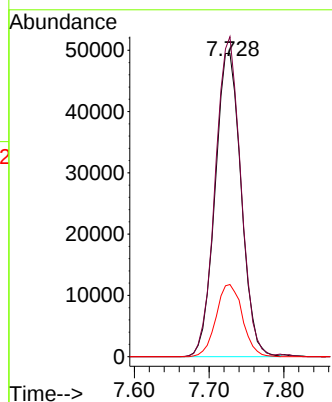
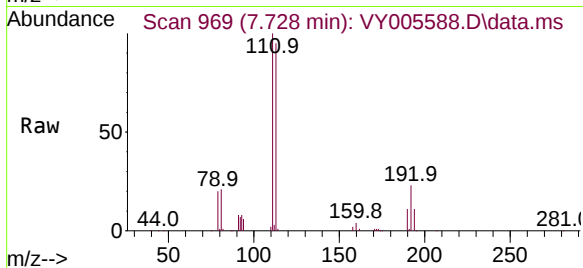




#35
Dibromofluoromethane
Concen: 54.64 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

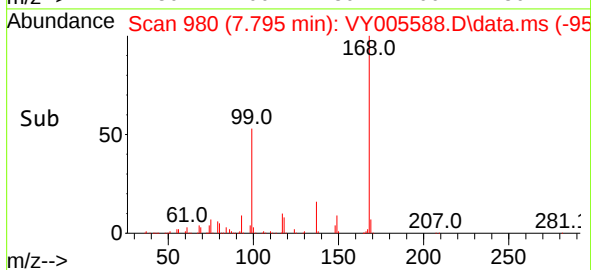
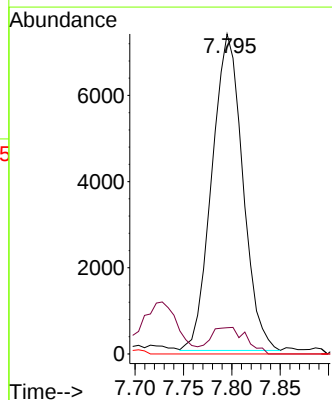
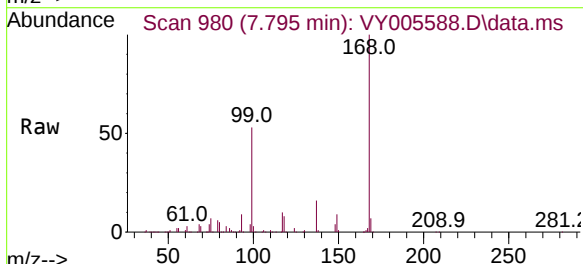
Instrument :
MSVOA_Y
ClientSampleId :

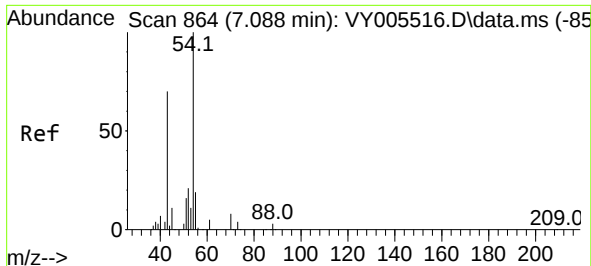
Tgt Ion:113 Resp: 120328
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 24.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

Tgt Ion: 75 Resp: 16328
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 8.32 ug/l

RT: 7.003 min Scan# 850

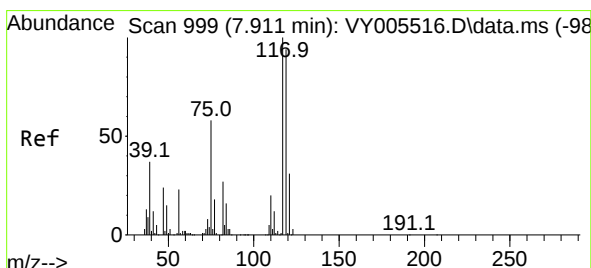
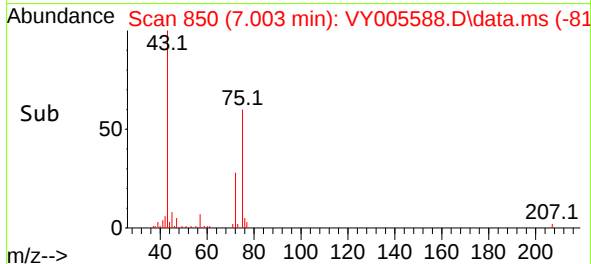
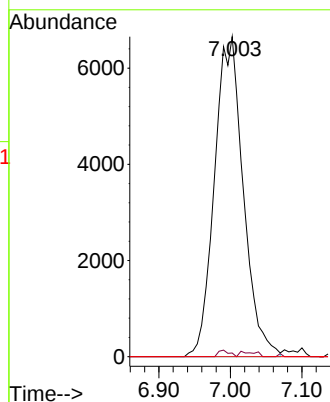
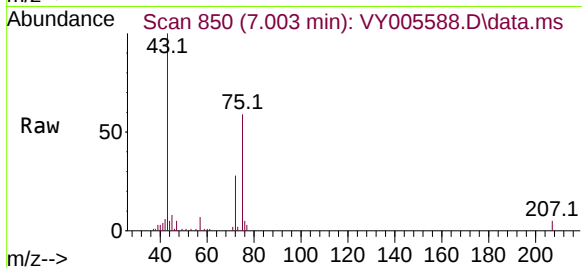
Delta R.T. -0.085 min

Lab File: VY005588.D

Acq: 10 Aug 2021 12:20

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	43	Resp:	18603
Ion	Ratio	Lower	Upper
43	100		
61	0.8	10.6	15.8#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 5.33 ug/l

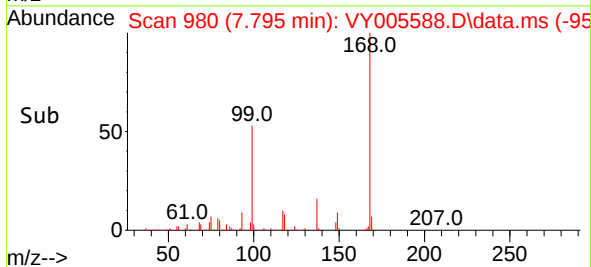
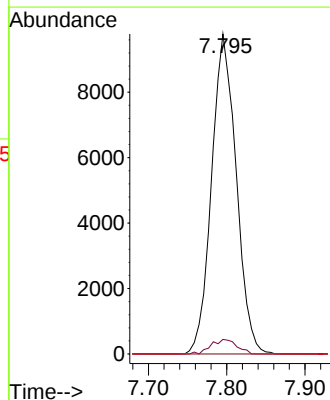
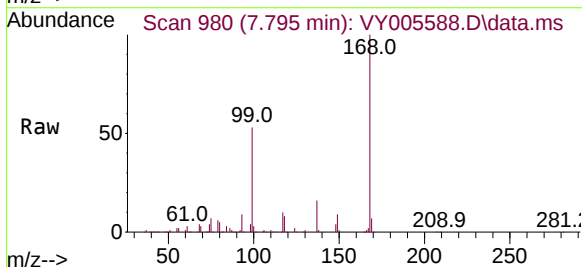
RT: 7.795 min Scan# 980

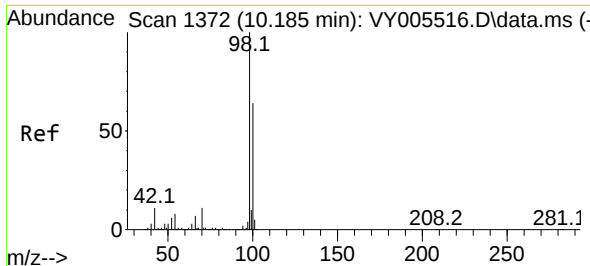
Delta R.T. -0.116 min

Lab File: VY005588.D

Acq: 10 Aug 2021 12:20

Tgt Ion:	117	Resp:	21355
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.4	113.0#
121	0.0	25.1	37.7#

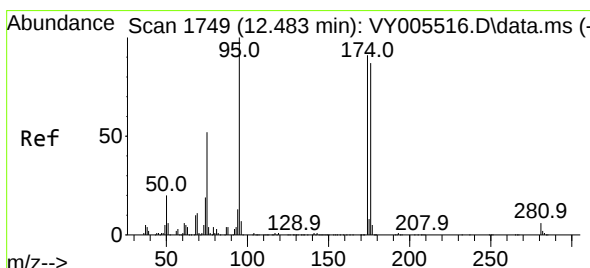
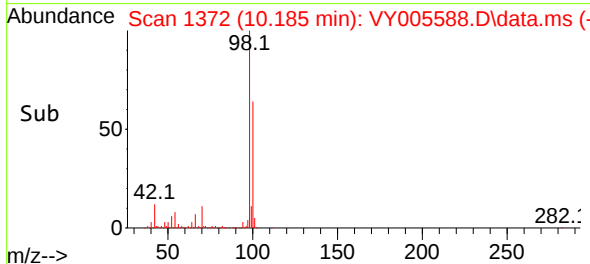
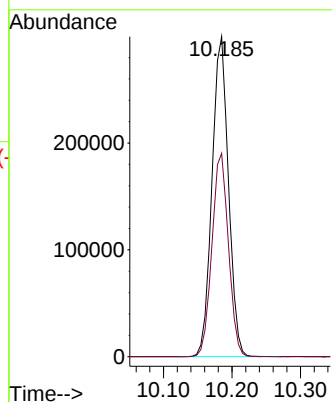
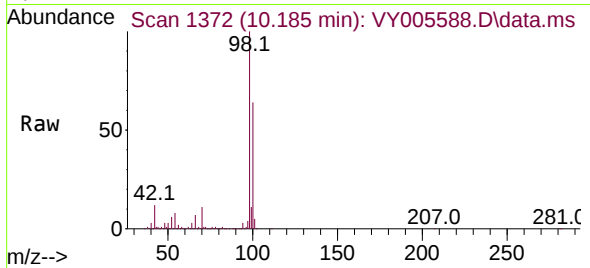




#50
Toluene-d8
Concen: 54.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

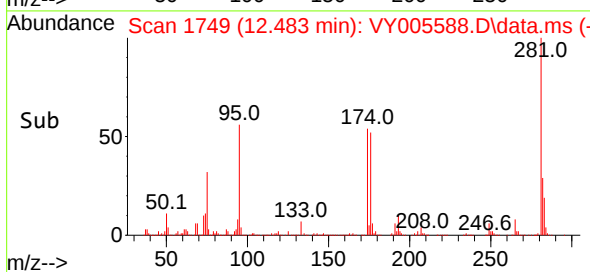
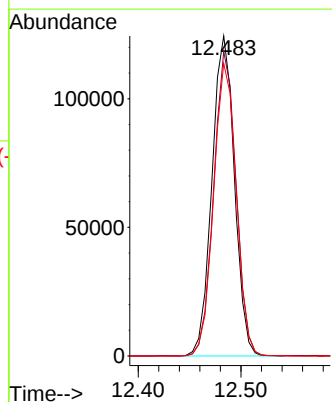
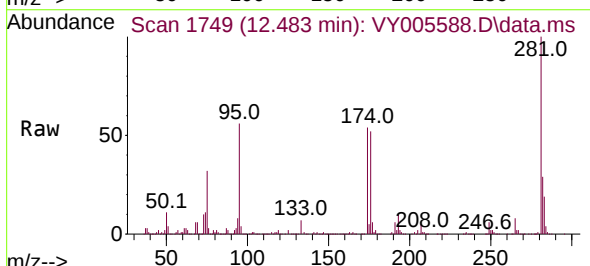
Instrument :
MSVOA_Y
ClientSampled :

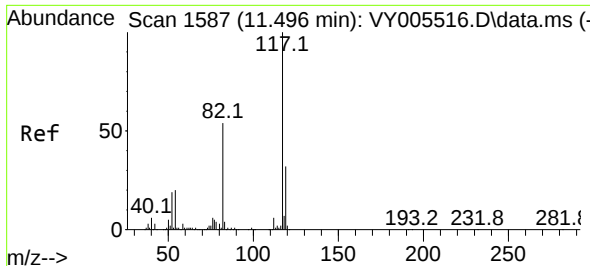
Tgt Ion: 98 Resp: 499377
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 61.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

Tgt Ion: 95 Resp: 188658
Ion Ratio Lower Upper
95 100
174 94.5 0.0 191.4
176 91.9 0.0 183.6

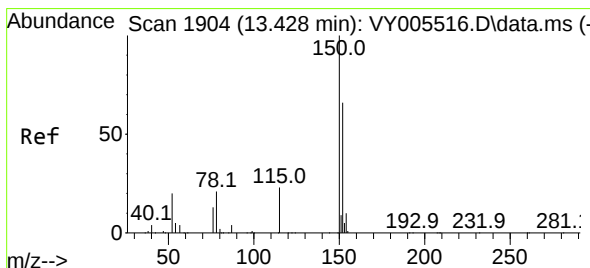
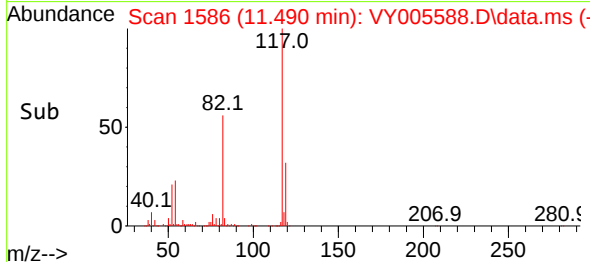
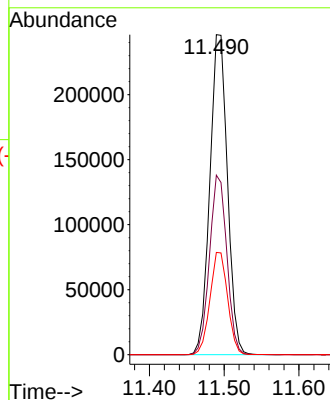
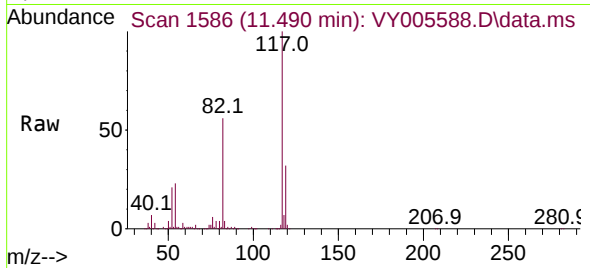




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

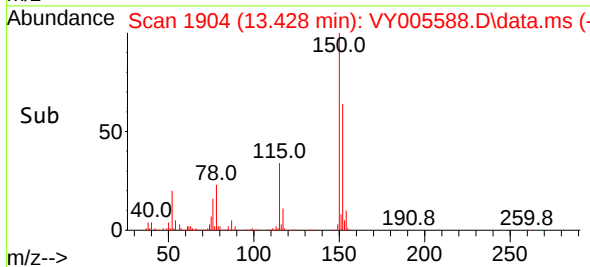
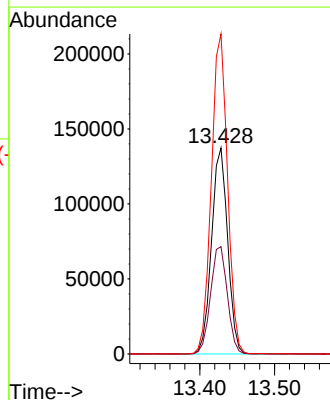
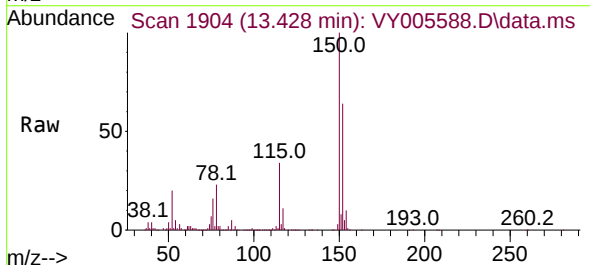
Instrument :
MSVOA_Y
ClientSampleId :

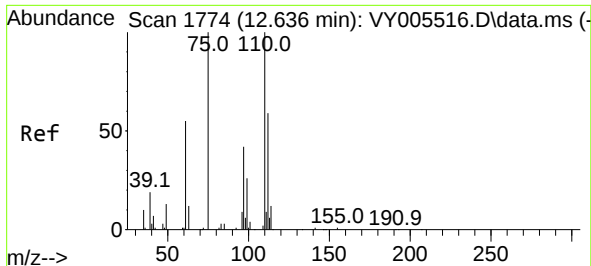
Tgt Ion:117 Resp: 401778
Ion Ratio Lower Upper
117 100
82 56.1 43.5 65.3
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

Tgt Ion:152 Resp: 205453
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 155.8 0.0 350.2

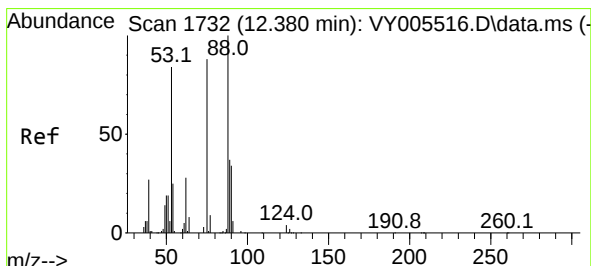
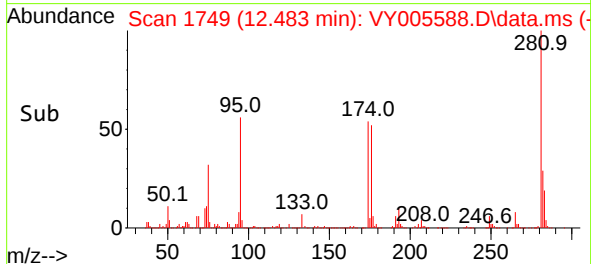
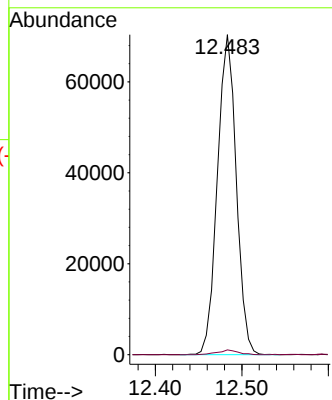
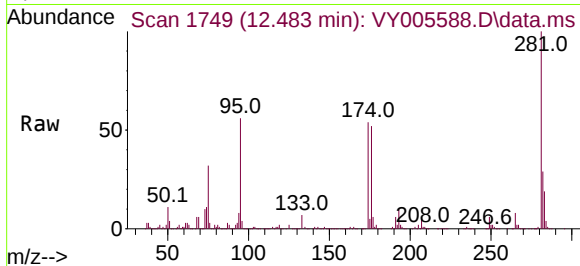




#76
1,2,3-Trichloropropane
Concen: 49.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 106369
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005588.D
Acq: 10 Aug 2021 12:20

Tgt Ion: 75 Resp: 106369
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 1.8 38.4 57.6#

