

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005556.D
 Acq On : 05 Aug 2021 15:27
 Operator : SY/MD
 Sample : M3293-07
 Misc : 5.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 06 04:40:18 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)

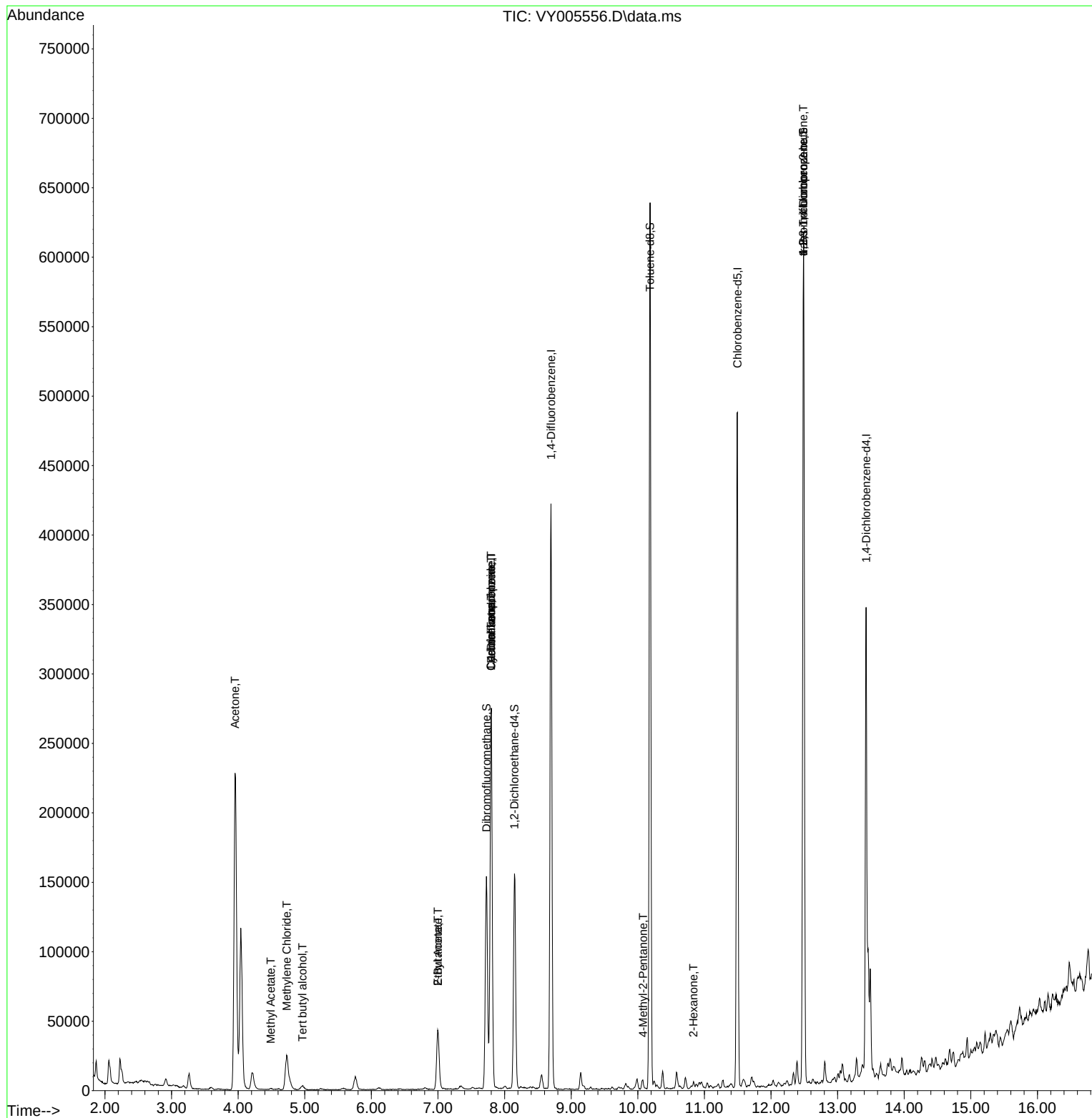
Internal Standards						
1) Pentafluorobenzene	7.801	168	223157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	352954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	124519	55.124	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.240%			
35) Dibromofluoromethane	7.728	113	104315	52.788	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.580%			
50) Toluene-d8	10.185	98	409683	49.433	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.483	95	103530	37.723	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	5742	25.713	ug/l #	85
16) Acetone	3.954	43	396230	695.720	ug/l	95
18) Methyl Acetate	4.491	43	1955	1.313	ug/l	91
20) Methylene Chloride	4.729	84	17656	1.999	ug/l	99
25) 2-Butanone	6.996	43	73241	86.998	ug/l	99
31) Cyclohexane	7.795	56	5444	1.405	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	16035	4.844	ug/l #	50
37) Ethyl Acetate	6.996	43	73241	36.520	ug/l #	69
38) Carbon Tetrachloride	7.795	117	20541	5.709	ug/l #	18
51) 4-Methyl-2-Pentanone	10.081	43	3584	1.792	ug/l	99
59) 2-Hexanone	10.837	43	2267	1.604	ug/l	86
76) 1,2,3-Trichloropropane	12.483	75	56703	63.048	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56703	127.096	ug/l #	11

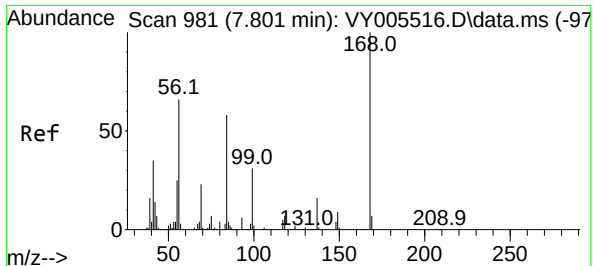
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
Data File : VY005556.D
Acq On : 05 Aug 2021 15:27
Operator : SY/MD
Sample : M3293-07
Misc : 5.13G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 06 04:40:18 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

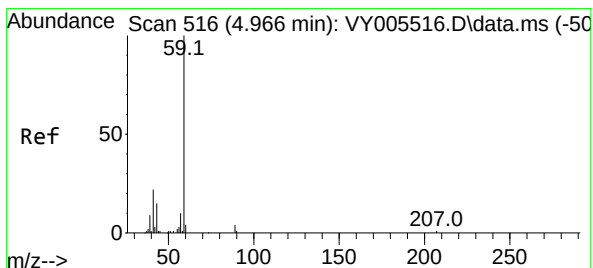
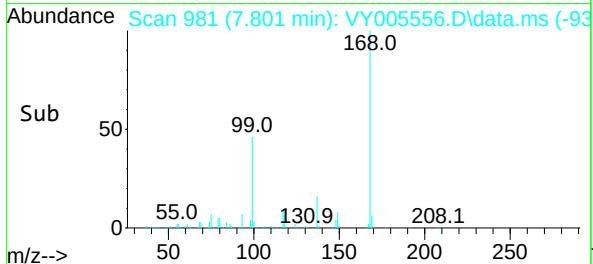
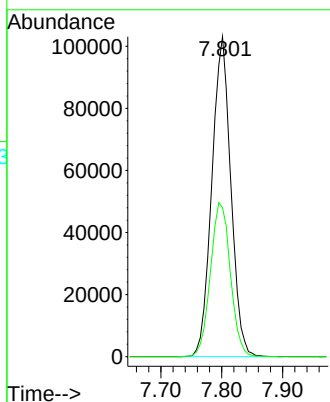
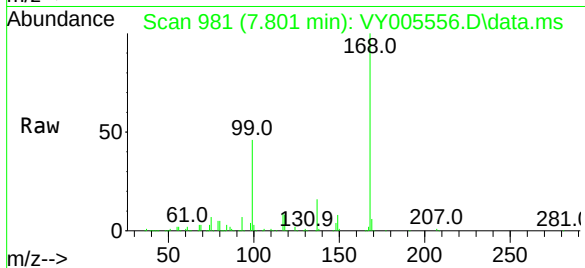




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

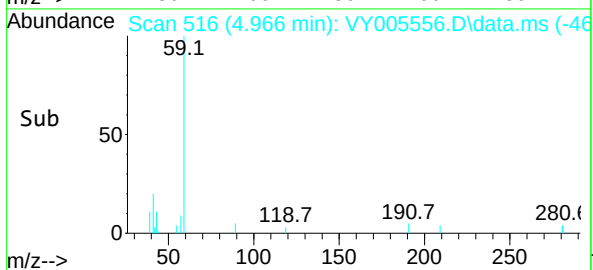
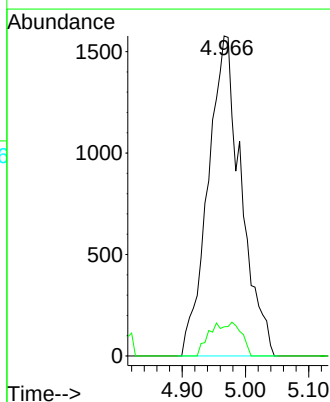
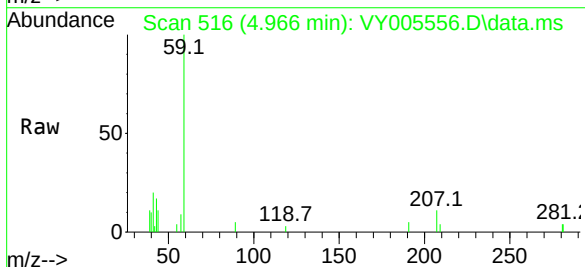
Instrument :
MSVOA_Y
ClientSampled :

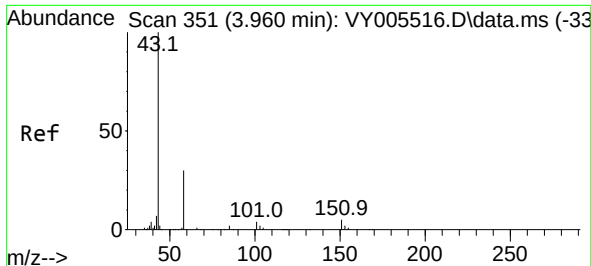
Tgt Ion:168 Resp: 223157
Ion Ratio Lower Upper
168 100
99 46.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 25.713 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion: 59 Resp: 5742
Ion Ratio Lower Upper
59 100
57 4.3 8.0 12.0#

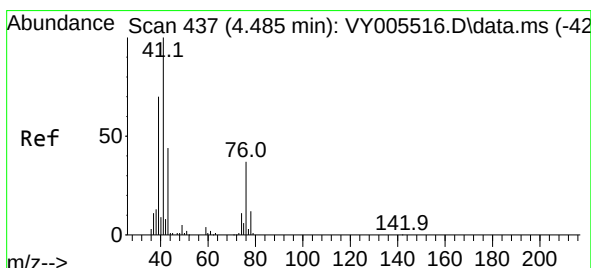
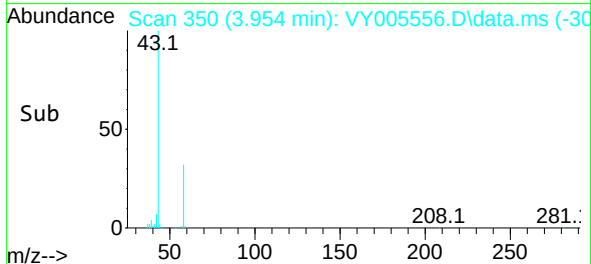
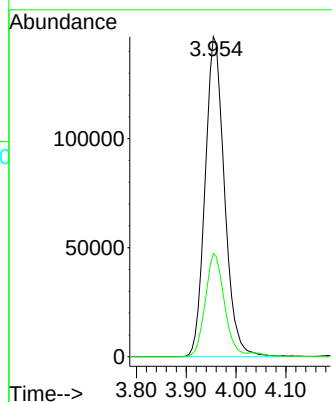
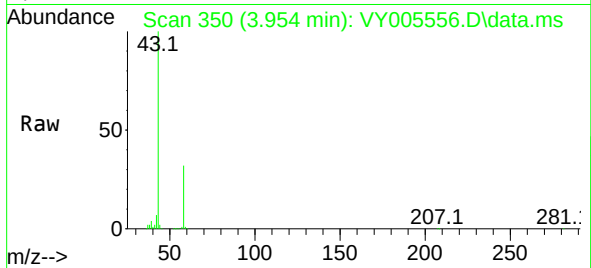




#16
Acetone
Concen: 695.720 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

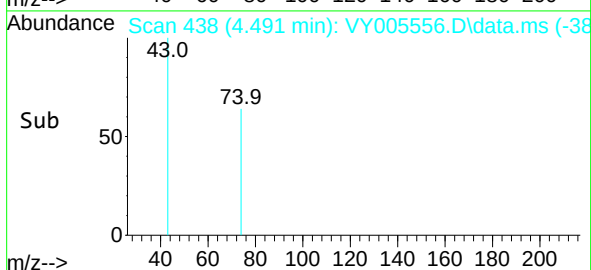
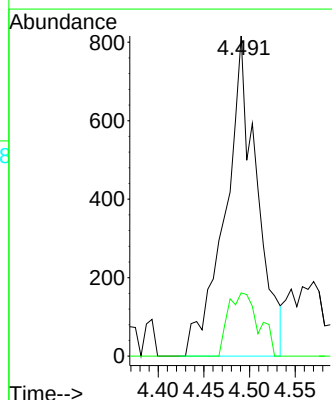
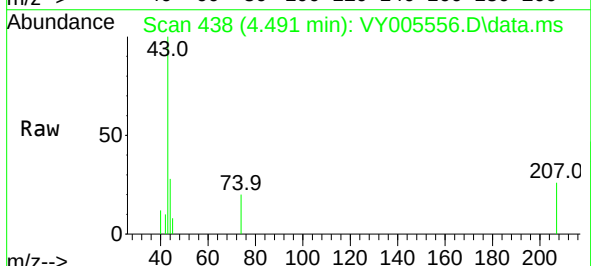
Instrument :
MSVOA_Y
ClientSampleId :

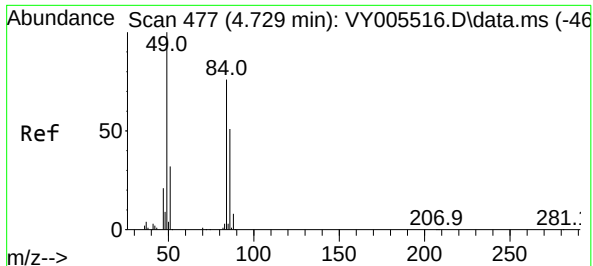
Tgt Ion: 43 Resp: 396230
Ion Ratio Lower Upper
43 100
58 32.3 23.8 35.6



#18
Methyl Acetate
Concen: 1.313 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
74 19.1 19.0 28.6





#20

Methylene Chloride

Concen: 1.999 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005556.D

Acq: 05 Aug 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 17656

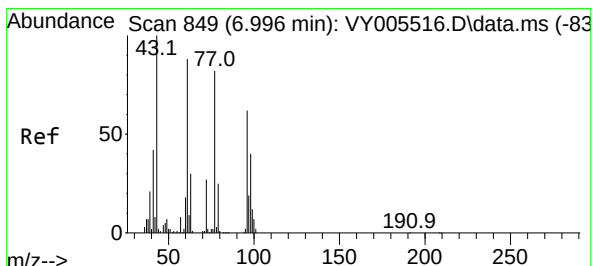
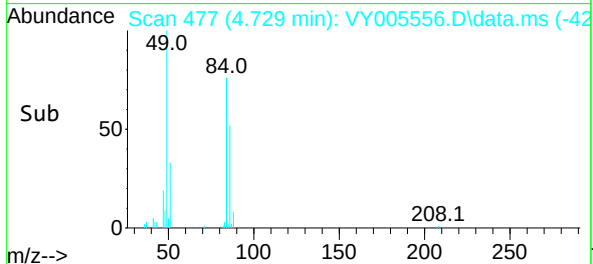
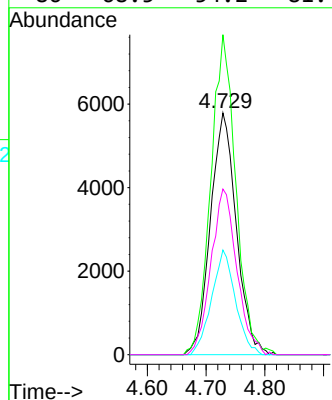
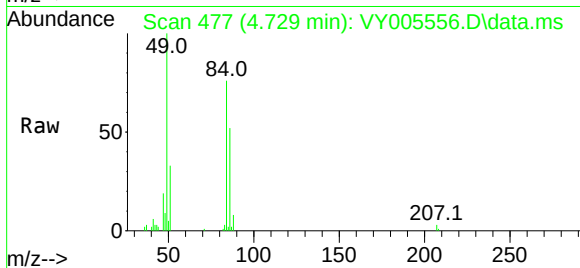
Ion Ratio Lower Upper

84 100

49 132.4 105.8 158.6

51 43.3 33.4 50.2

86 68.5 54.2 81.4



#25

2-Butanone

Concen: 86.998 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005556.D

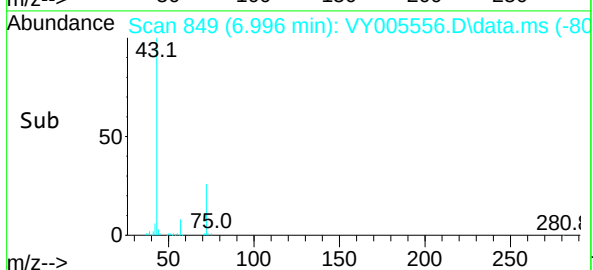
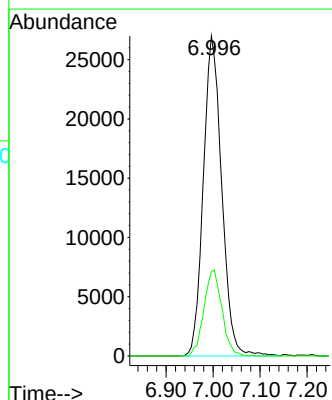
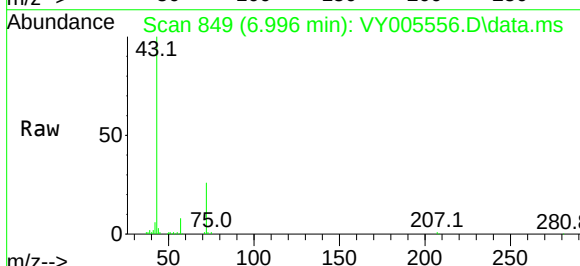
Acq: 05 Aug 2021 15:27

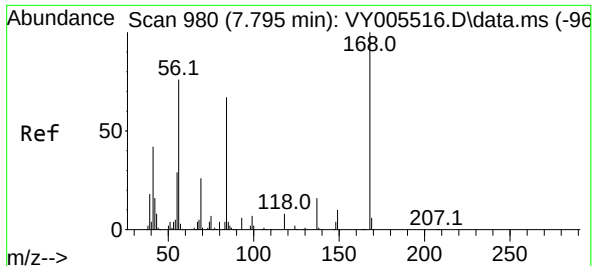
Tgt Ion: 43 Resp: 73241

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2

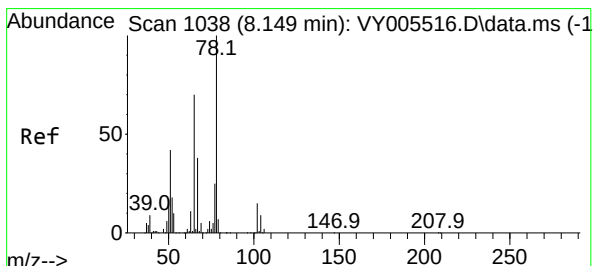
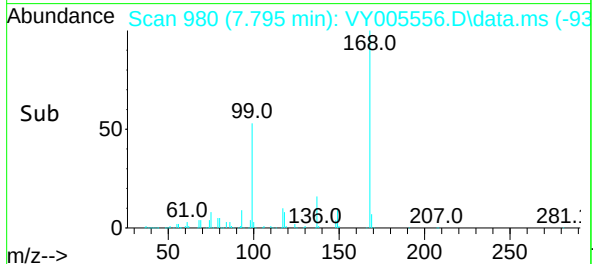
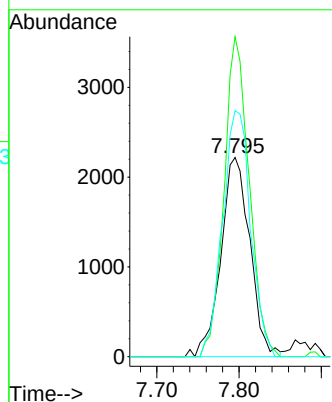
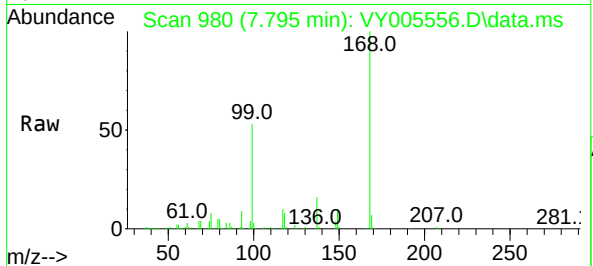




#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

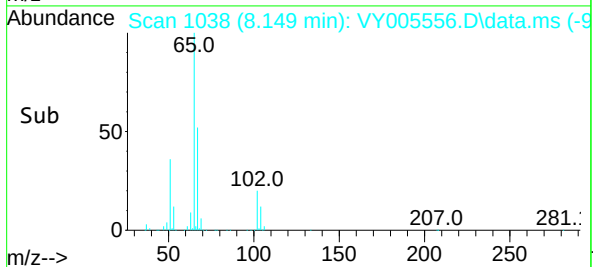
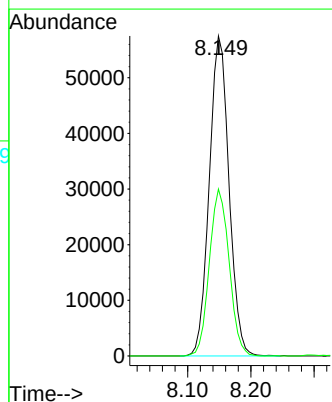
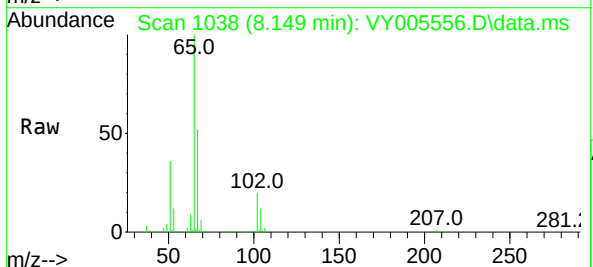
Instrument :
MSVOA_Y
ClientSampled :

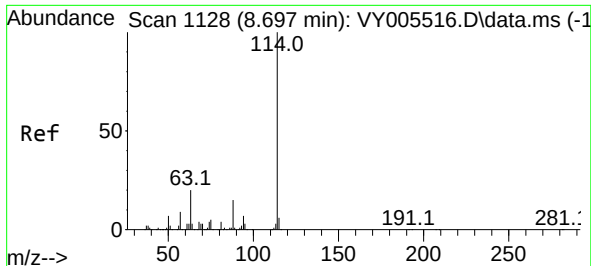
Tgt Ion: 56 Resp: 5444
Ion Ratio Lower Upper
56 100
69 160.6 27.7 41.5#
84 123.5 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 55.124 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion: 65 Resp: 124519
Ion Ratio Lower Upper
65 100
67 52.3 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: VY005556.D

Acq: 05 Aug 2021 15:27

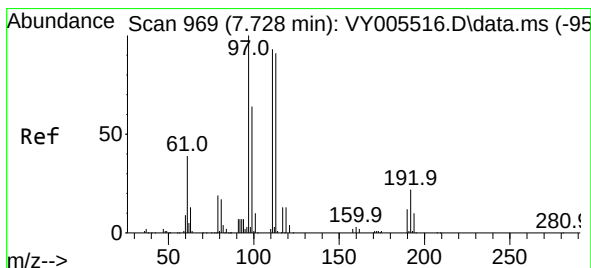
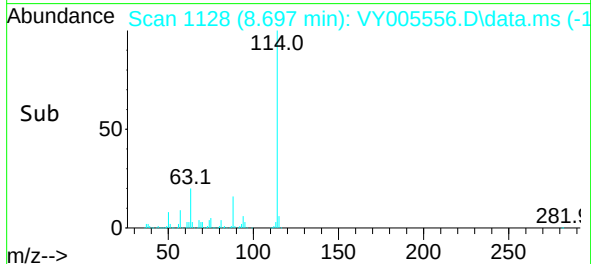
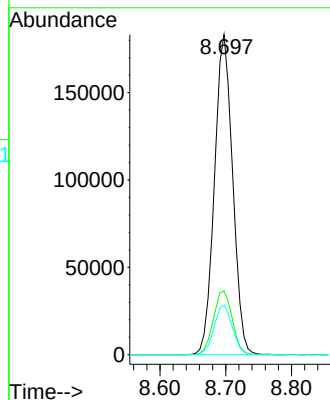
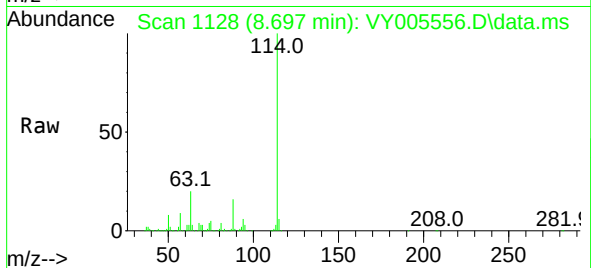
Tgt Ion:114 Resp: 352954

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.6 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.788 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005556.D

Acq: 05 Aug 2021 15:27

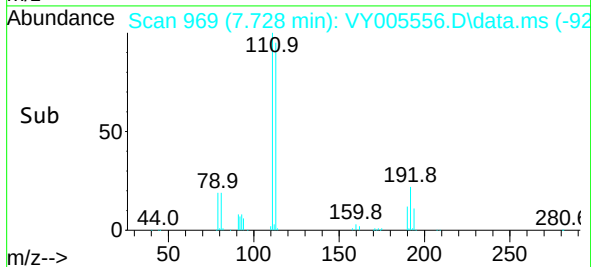
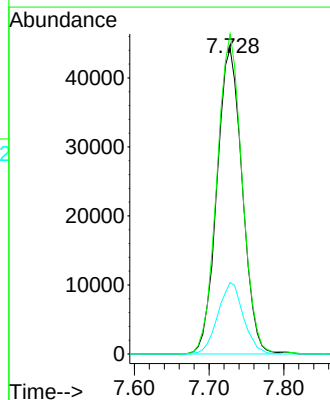
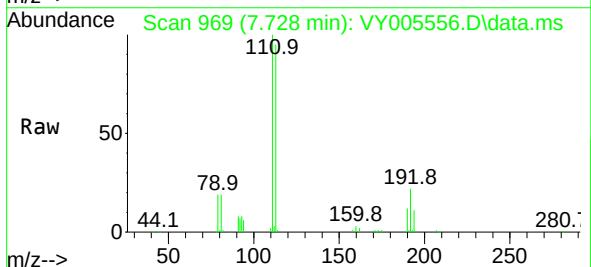
Tgt Ion:113 Resp: 104315

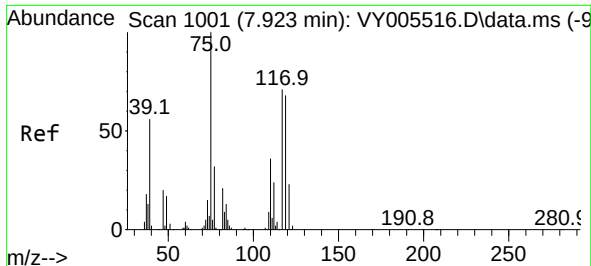
Ion Ratio Lower Upper

113 100

111 104.4 81.9 122.9

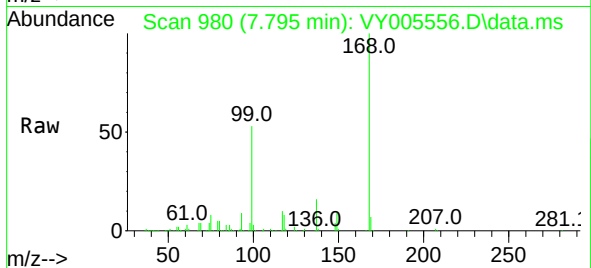
192 23.5 19.2 28.8



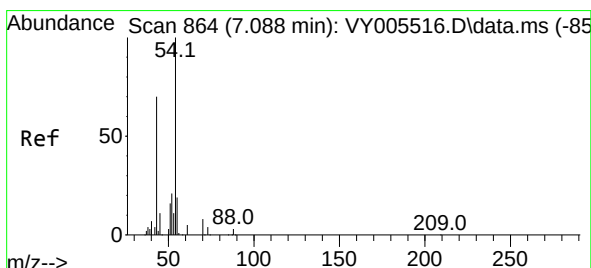
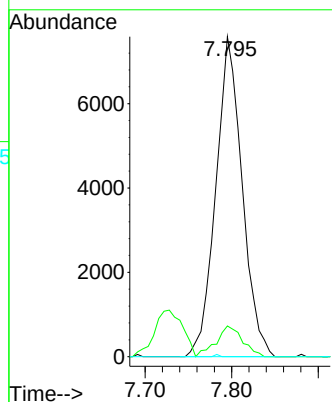
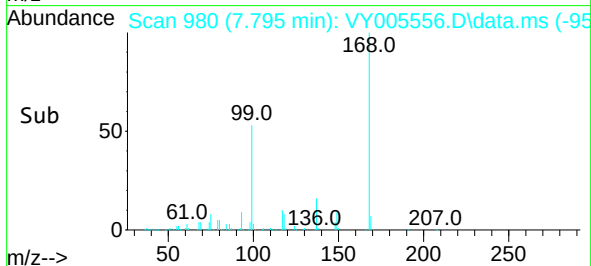


#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

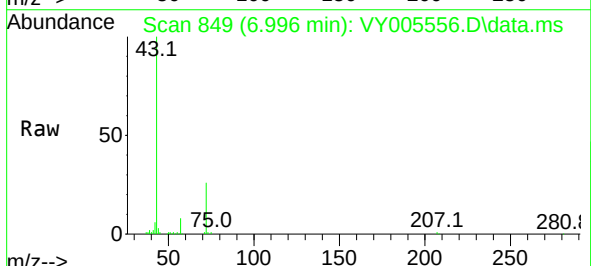
Instrument :
MSVOA_Y
ClientSampleId :



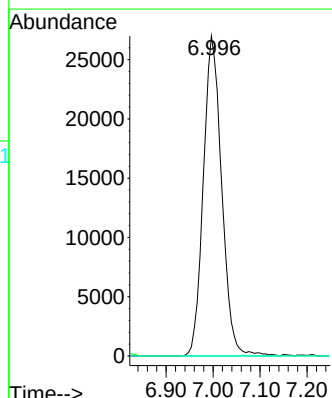
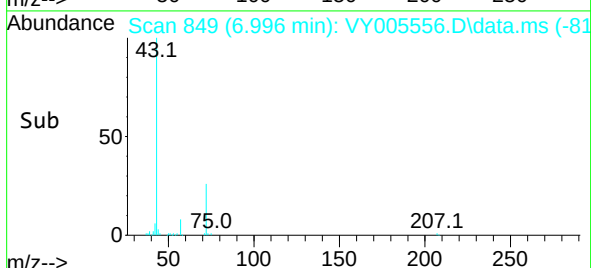
Tgt Ion: 75 Resp: 16035
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.1#
77 0.1 25.1 37.7#

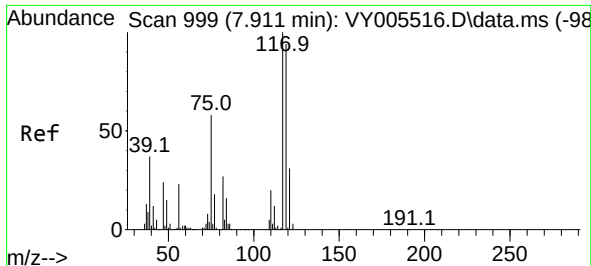


#37
Ethyl Acetate
Concen: 36.520 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.091 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27



Tgt Ion: 43 Resp: 73241
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 8.6 13.0#





#38

Carbon Tetrachloride

Concen: 5.709 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005556.D

Acq: 05 Aug 2021 15:27

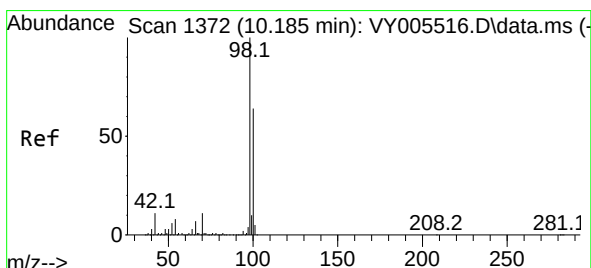
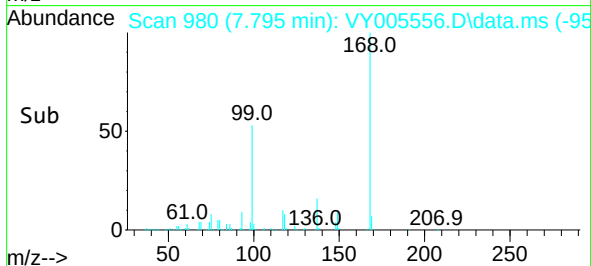
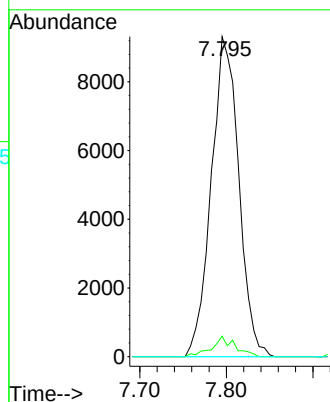
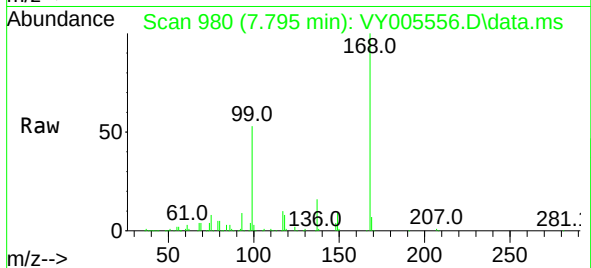
Tgt Ion:117 Resp: 20541

Ion Ratio Lower Upper

117 100

119 6.4 75.4 113.0#

121 0.0 25.1 37.7#



#50

Toluene-d8

Concen: 49.433 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY005556.D

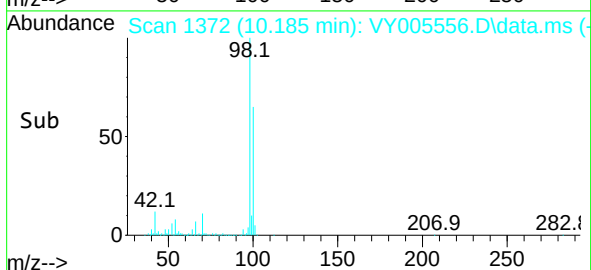
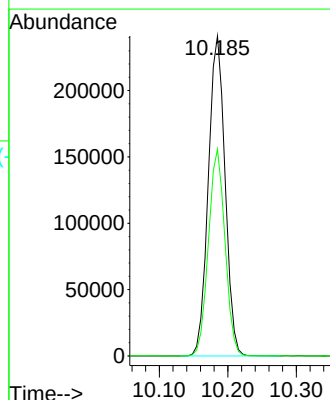
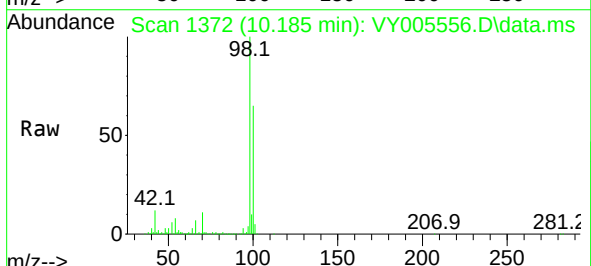
Acq: 05 Aug 2021 15:27

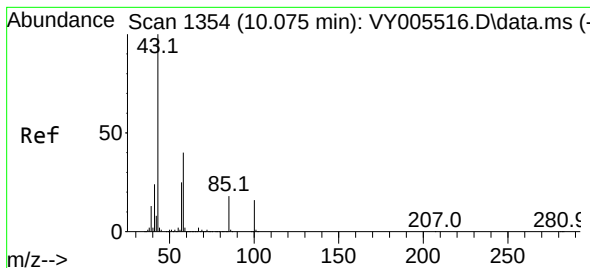
Tgt Ion: 98 Resp: 409683

Ion Ratio Lower Upper

98 100

100 64.0 51.3 76.9

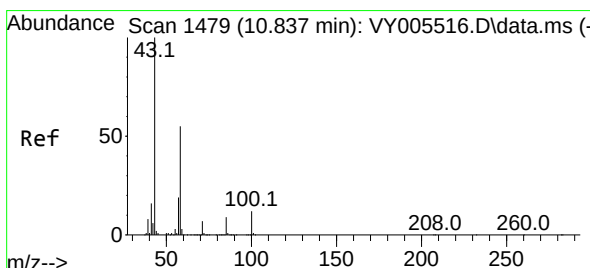
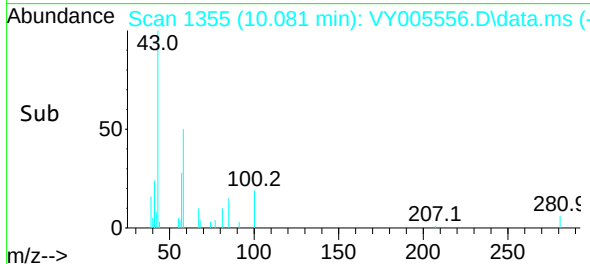
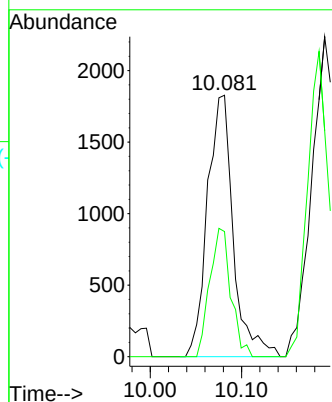
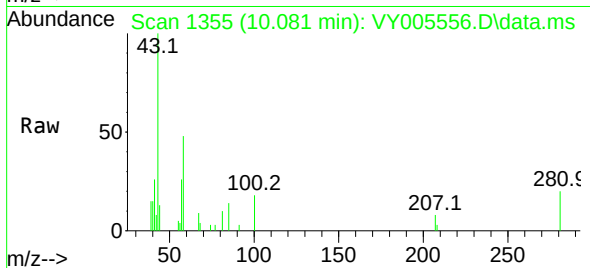




#51
4-Methyl-2-Pentanone
Concen: 1.792 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

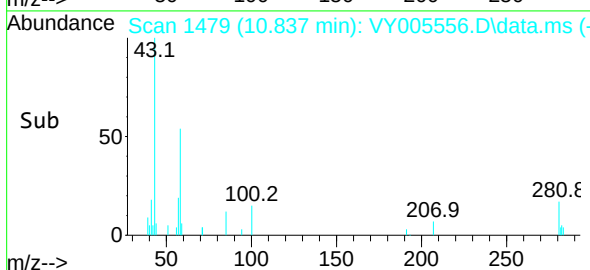
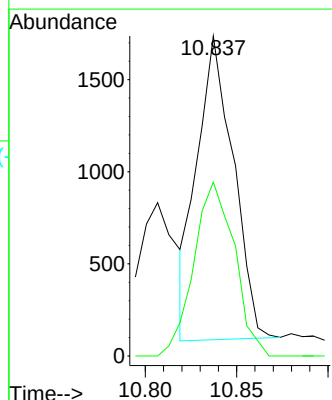
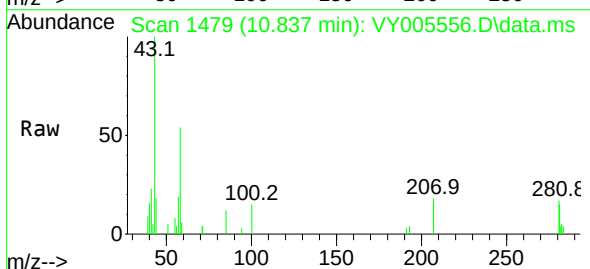
Instrument :
MSVOA_Y
ClientSampled :

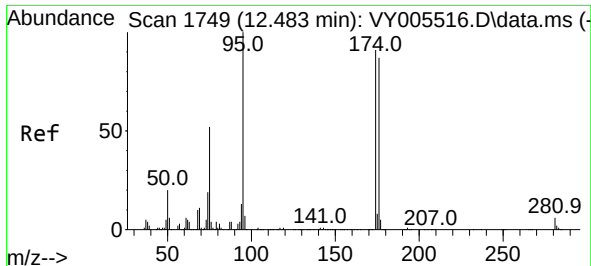
Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.2



#59
2-Hexanone
Concen: 1.604 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
58 64.2 27.1 81.2

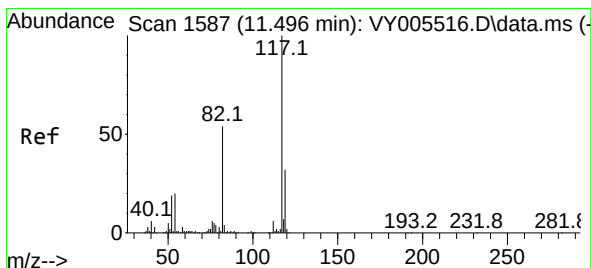
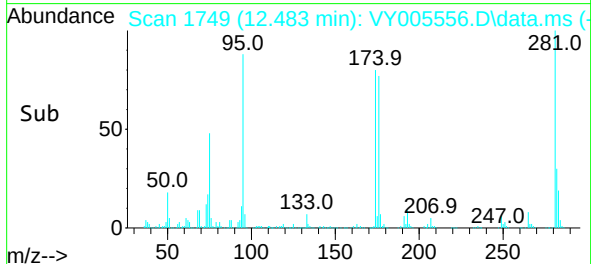
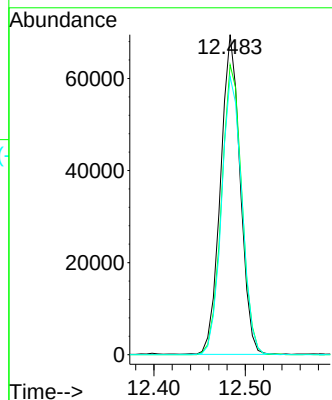
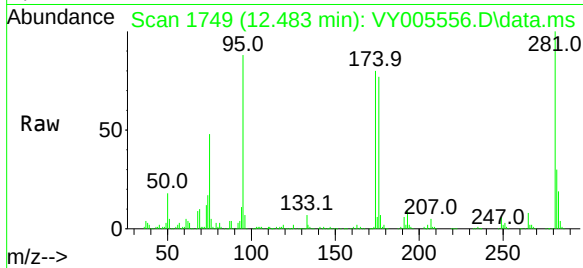




#62
4-Bromofluorobenzene
Concen: 37.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

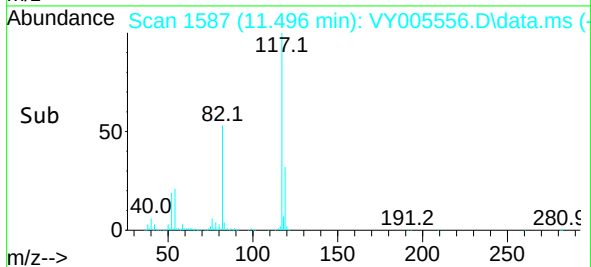
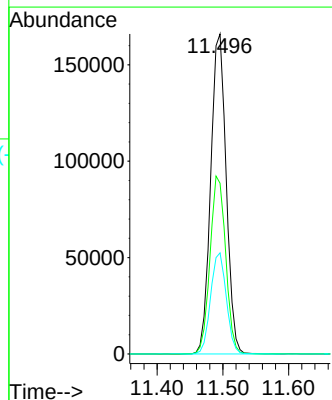
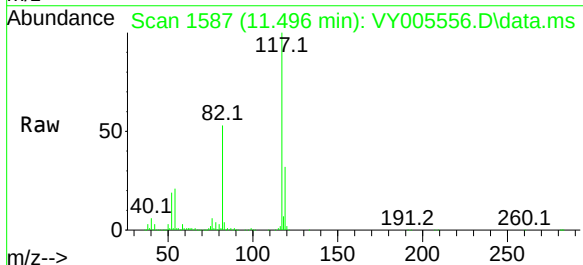
Instrument :
MSVOA_Y
ClientSampleId :

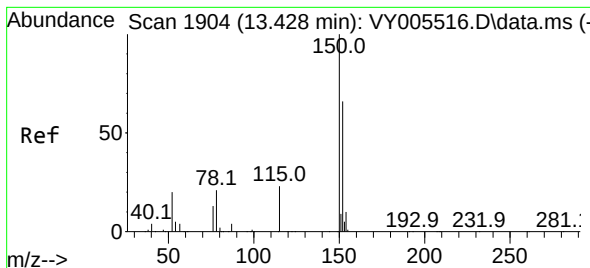
Tgt Ion:	95	Resp:	103530
Ion Ratio	Lower	Upper	
95	100		
174	93.5	0.0	191.4
176	90.2	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005556.D
Acq: 05 Aug 2021 15:27

Tgt Ion:	117	Resp:	272052
Ion Ratio	Lower	Upper	
117	100		
82	53.3	43.5	65.3
119	31.6	25.5	38.3

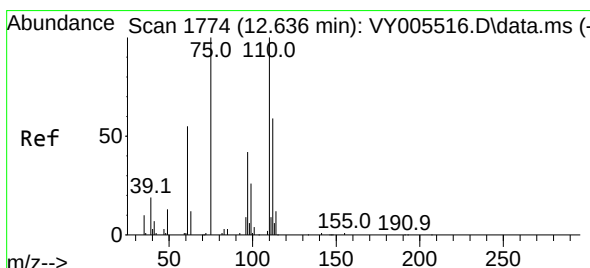
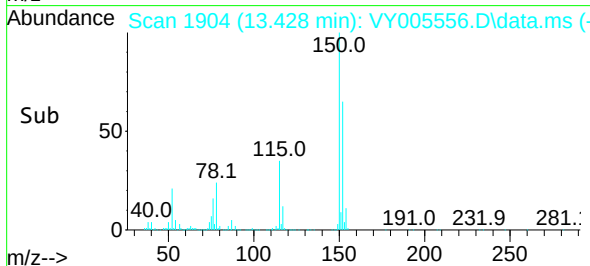
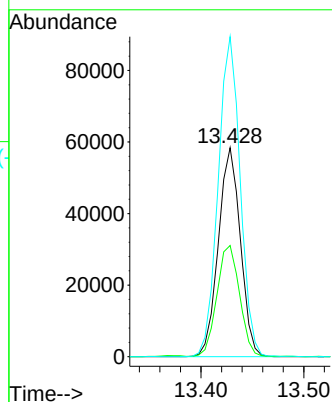
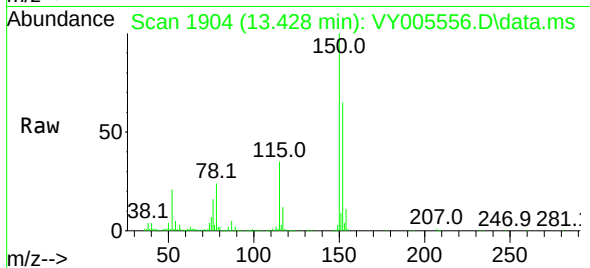




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005556.D
 Acq: 05 Aug 2021 15:27

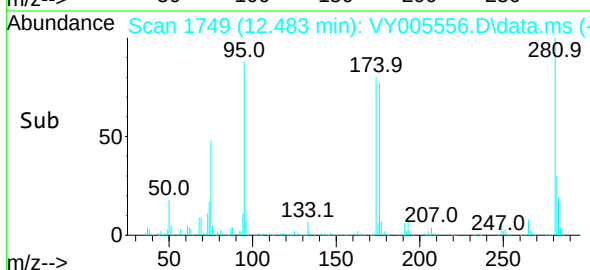
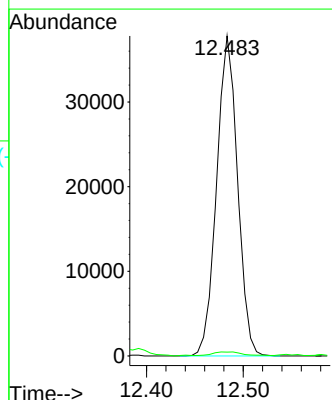
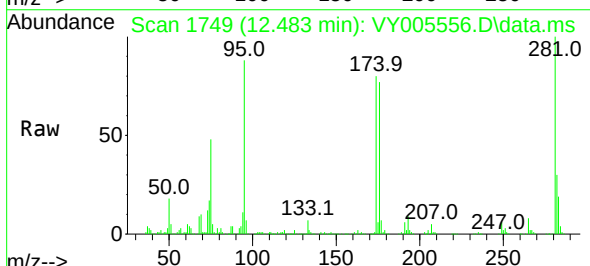
Instrument :
 MSVOA_Y
 ClientSampled :

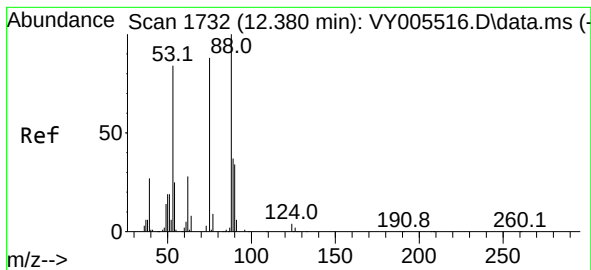
Tgt Ion:152 Resp: 86787
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 153.4 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 63.048 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005556.D
 Acq: 05 Aug 2021 15:27

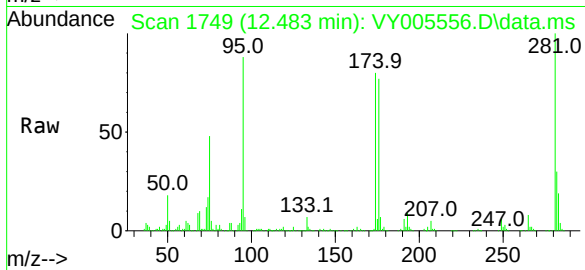
Tgt Ion: 75 Resp: 56703
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.096 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005556.D
 Acq: 05 Aug 2021 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 56703
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 1.3 38.4 57.6#

