

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005360.D
 Acq On : 07 Jul 2021 12:29
 Operator : SY/MD
 Sample : VY0707SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:02:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

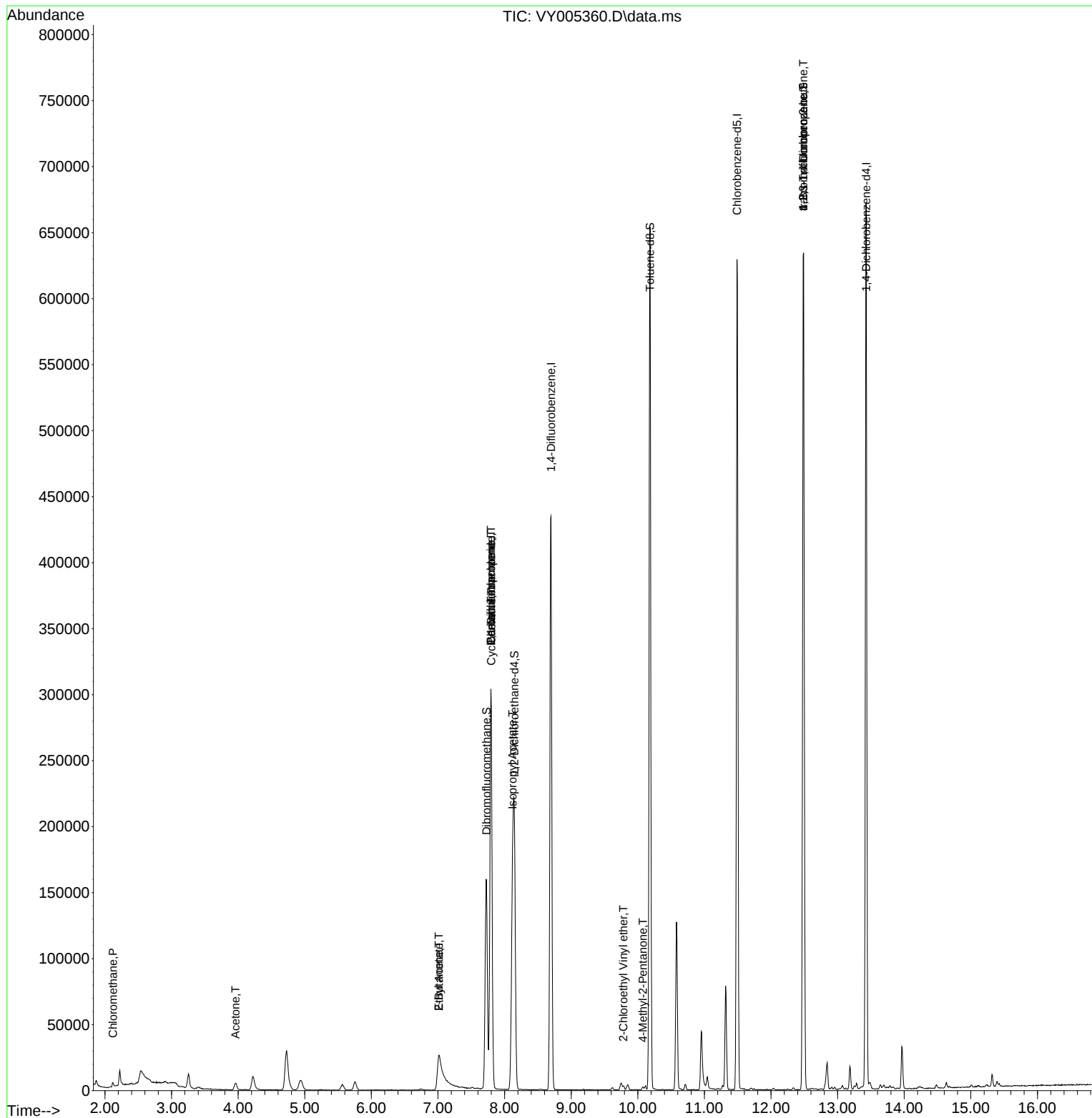
Internal Standards						
1) Pentafluorobenzene	7.795	168	256689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	385339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	352709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123226	57.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.700%	
35) Dibromofluoromethane	7.728	113	112156	49.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.700%	
50) Toluene-d8	10.185	98	438121	48.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	12.483	95	143115	47.257	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	2814	1.252	ug/l	100
11) Tert butyl alcohol	4.948	59	8438	Below Cal	#	81
16) Acetone	3.960	43	9213	18.722	ug/l	93
20) Methylene Chloride	4.729	84	22801	Below Cal		97
25) 2-Butanone	7.015	43	2334	3.253	ug/l #	79
31) Cyclohexane	7.801	56	4756	1.251	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	17340	5.110	ug/l #	47
37) Ethyl Acetate	7.015	43	2334	1.334	ug/l #	1
38) Carbon Tetrachloride	7.795	117	21977	6.187	ug/l #	16
43) Isopropyl Acetate	8.118	43	3767	1.171	ug/l #	13
51) 4-Methyl-2-Pentanone	10.075	43	1890	1.123	ug/l #	79
58) 2-Chloroethyl Vinyl ether	9.783	63	1255	1.031	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	73394	46.620	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73394	86.982	ug/l #	18

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

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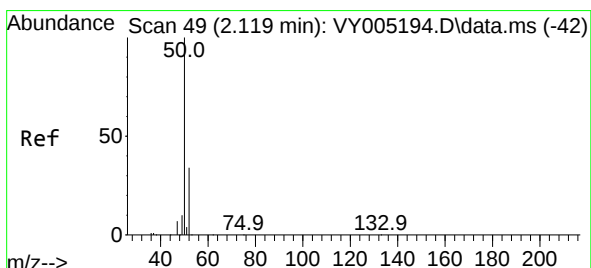
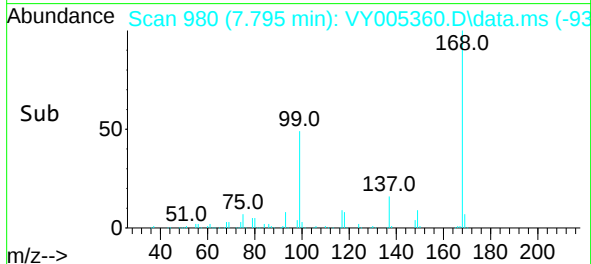
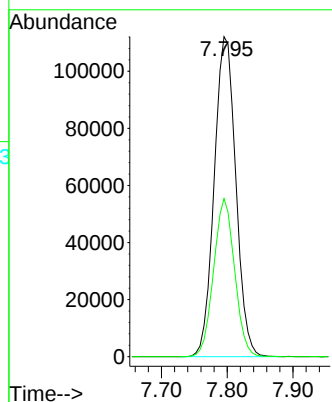
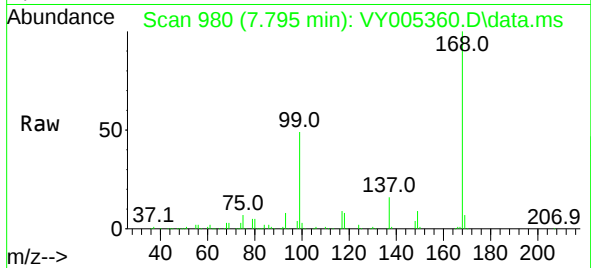




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

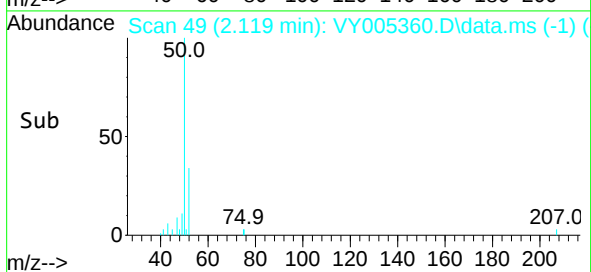
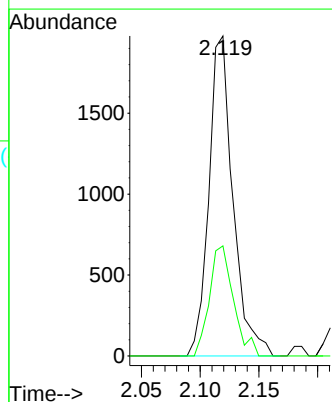
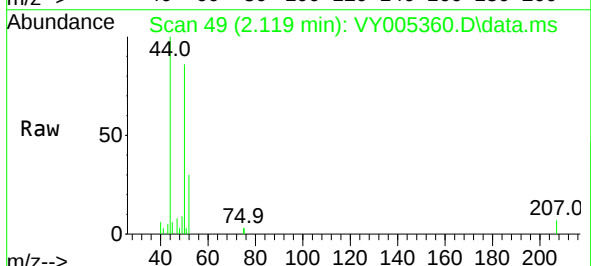
Instrument :
MSVOA_Y
ClientSampleId :

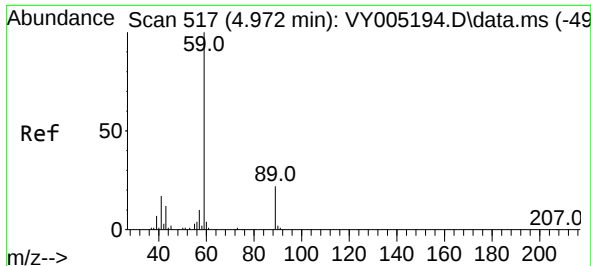
Tgt Ion:168 Resp: 256689
Ion Ratio Lower Upper
168 100
99 49.4 36.2 54.4



#3
Chloromethane
Concen: 1.252 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

Tgt Ion: 50 Resp: 2814
Ion Ratio Lower Upper
50 100
52 34.4 27.4 41.2

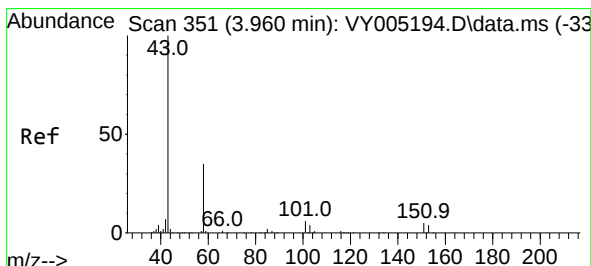
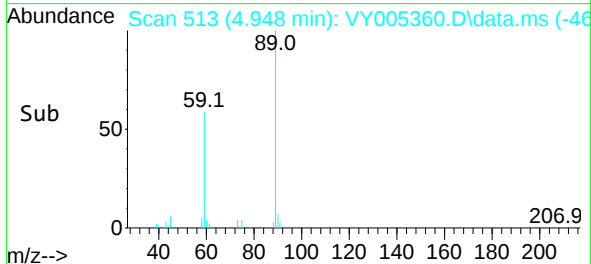
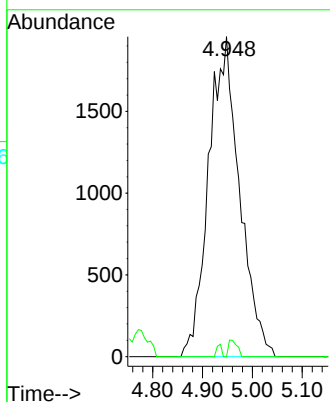
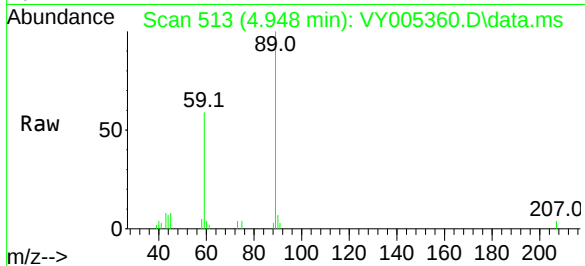




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

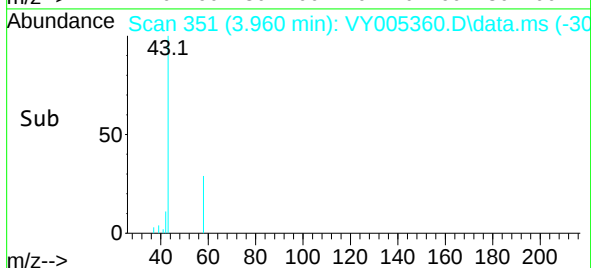
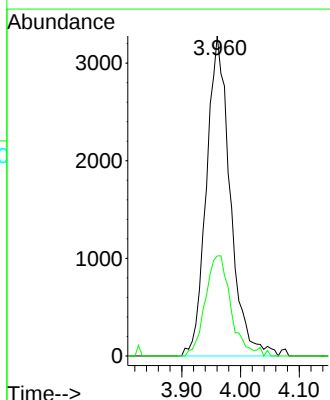
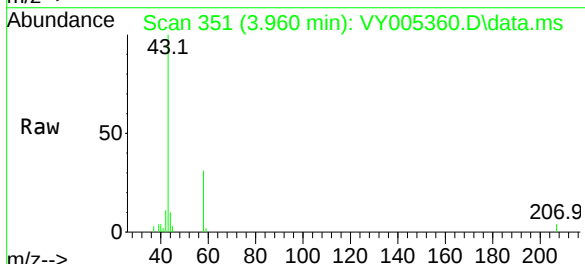
Instrument :
MSVOA_Y
ClientSampled :

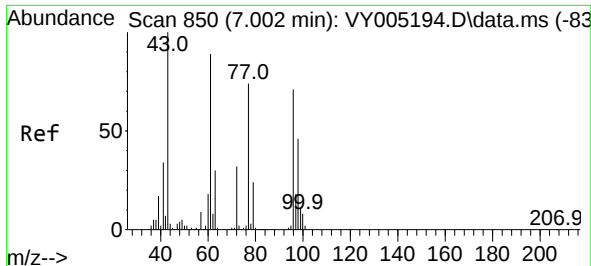
Tgt Ion: 59 Resp: 8438
Ion Ratio Lower Upper
59 100
57 1.4 6.5 9.7#



#16
Acetone
Concen: 18.722 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

Tgt Ion: 43 Resp: 9213
Ion Ratio Lower Upper
43 100
58 31.3 28.2 42.2

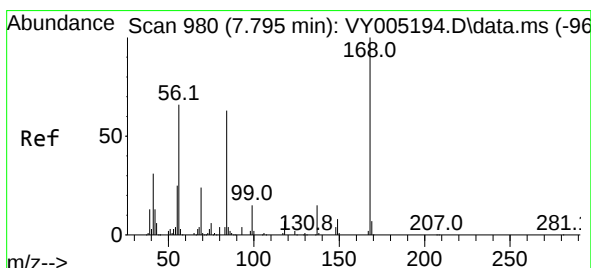
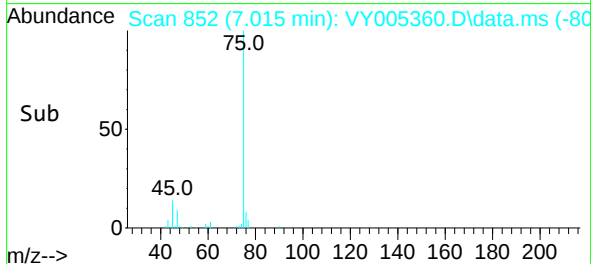
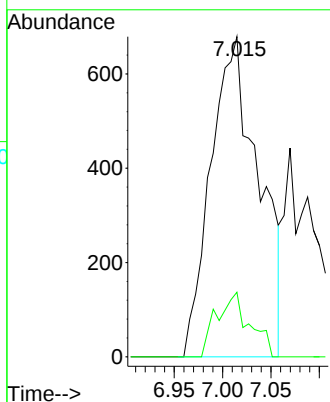
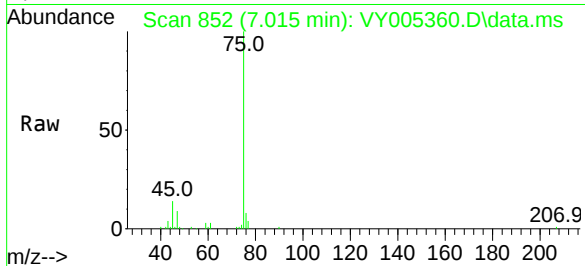




#25
2-Butanone
Concen: 3.253 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

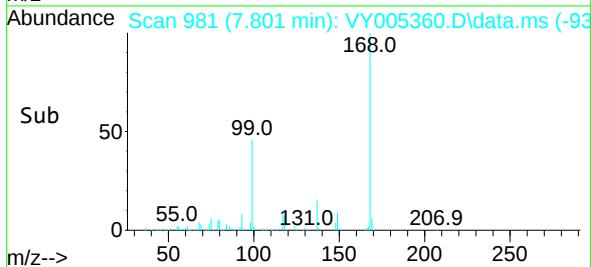
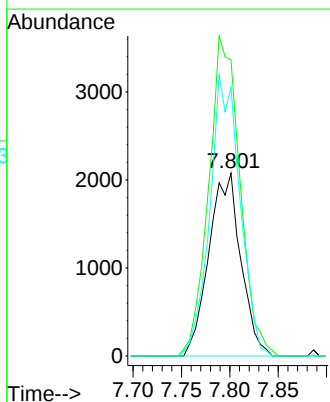
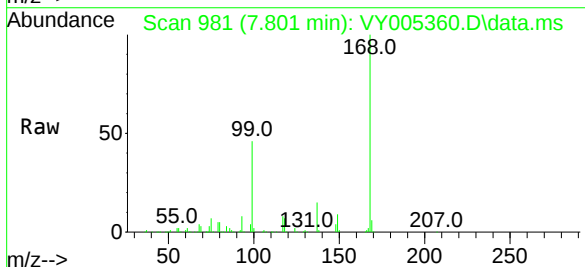
Instrument :
MSVOA_Y
ClientSampled :

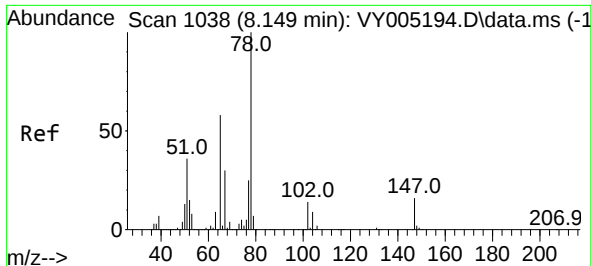
Tgt Ion: 43 Resp: 2334
Ion Ratio Lower Upper
43 100
72 20.2 25.3 37.9#



#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

Tgt Ion: 56 Resp: 4756
Ion Ratio Lower Upper
56 100
69 162.1 29.6 44.4#
84 147.0 76.4 114.6#

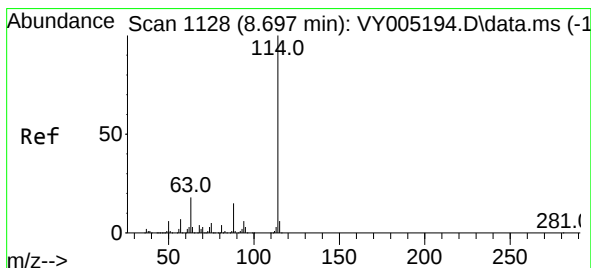
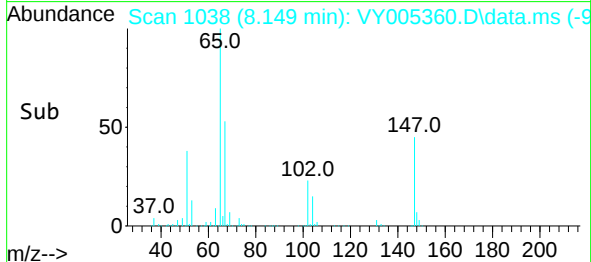
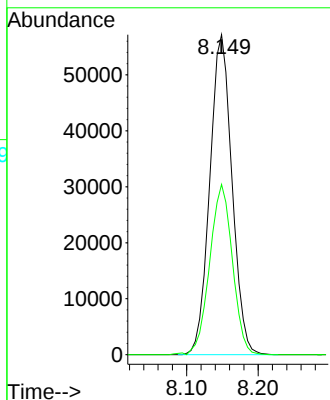
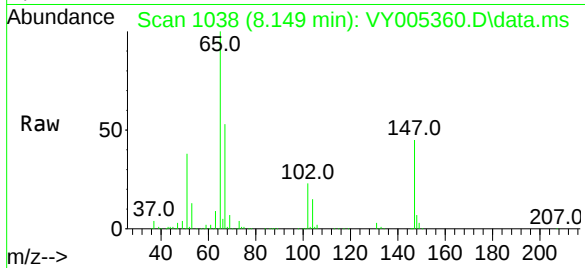




#33
 1,2-Dichloroethane-d4
 Concen: 57.849 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005360.D
 Acq: 07 Jul 2021 12:29

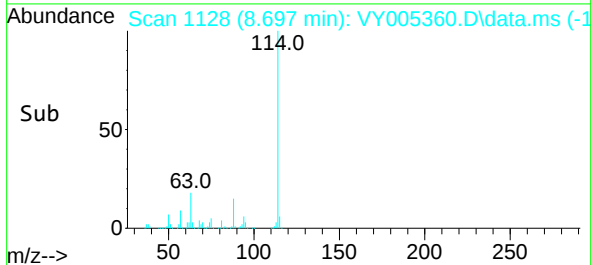
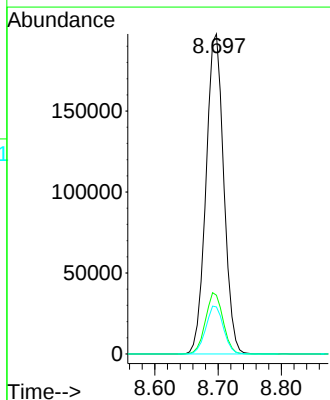
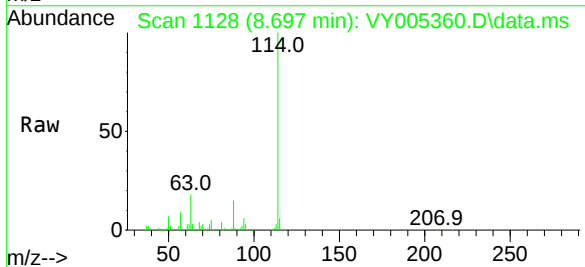
Instrument :
 MSVOA_Y
 ClientSampleId :

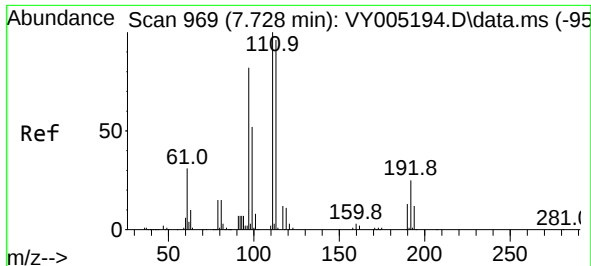
Tgt Ion: 65 Resp: 123226
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005360.D
 Acq: 07 Jul 2021 12:29

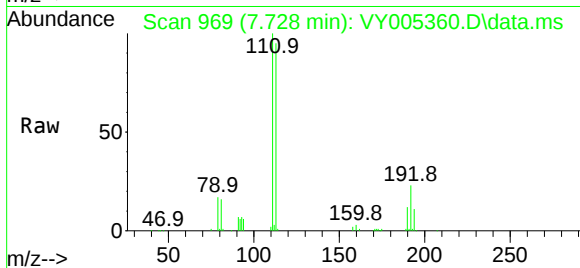
Tgt Ion: 114 Resp: 385339
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.2
 88 14.7 0.0 29.4



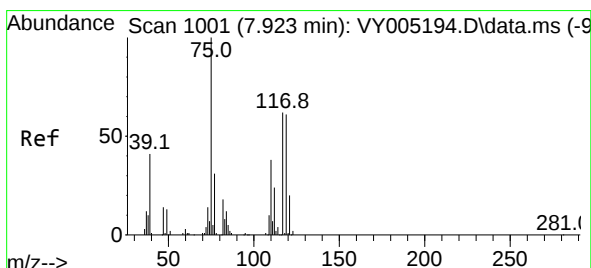
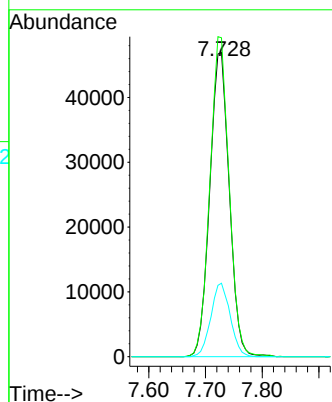
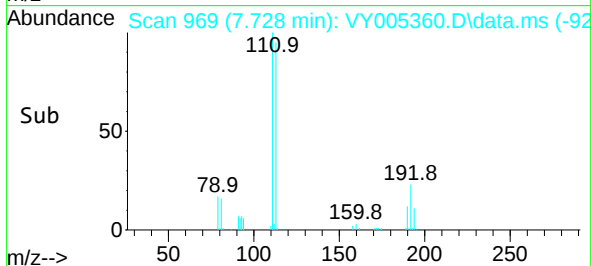


#35
Dibromofluoromethane
Concen: 49.352 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

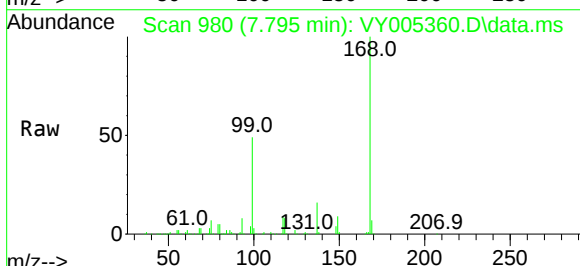
Instrument :
MSVOA_Y
ClientSampled :



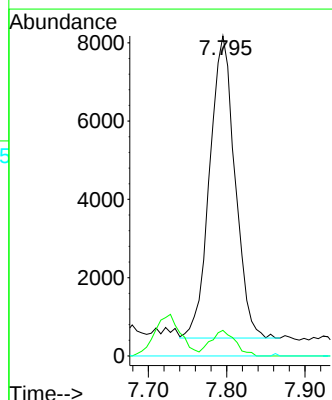
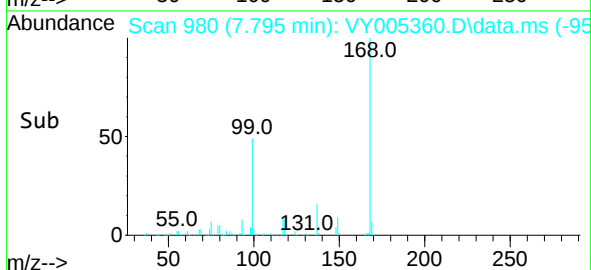
Tgt Ion:113 Resp: 112156
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 24.0 20.2 30.2

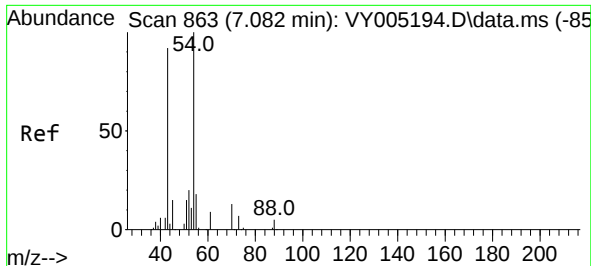


#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29



Tgt Ion: 75 Resp: 17340
Ion Ratio Lower Upper
75 100
110 8.3 19.1 57.5#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

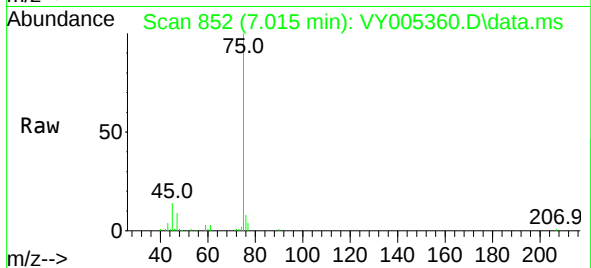
Concen: 1.334 ug/l

RT: 7.015 min Scan# 852

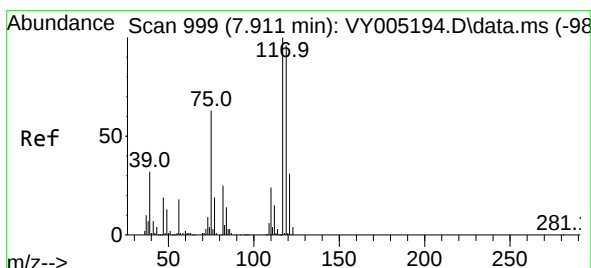
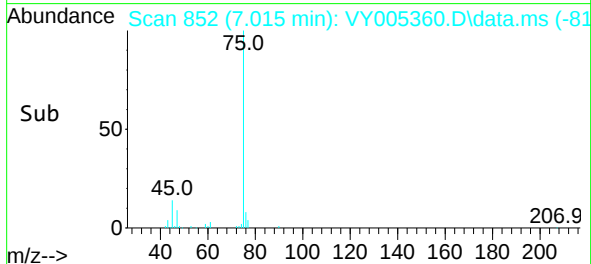
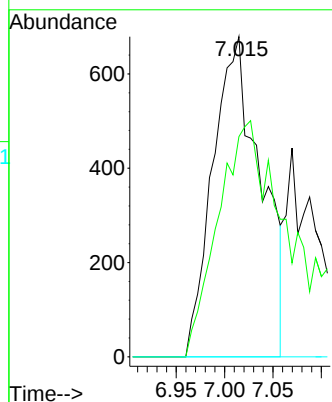
Delta R.T. -0.067 min

Lab File: VY005360.D

Acq: 07 Jul 2021 12:29



Tgt Ion: 43	Resp: 2334
Ion Ratio	Lower Upper
43 100	
61 98.1	12.8 19.2#
70 0.0	9.7 14.5#



#38

Carbon Tetrachloride

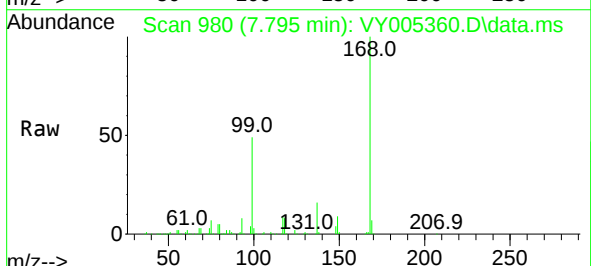
Concen: 6.187 ug/l

RT: 7.795 min Scan# 980

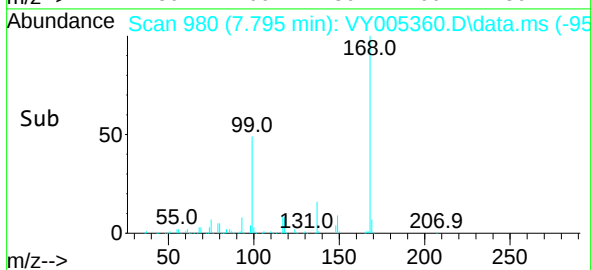
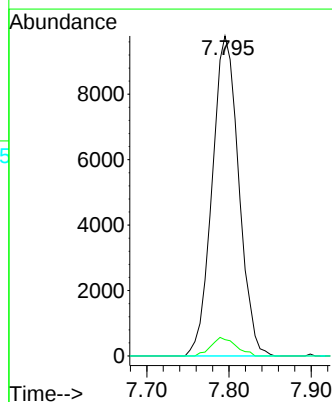
Delta R.T. -0.116 min

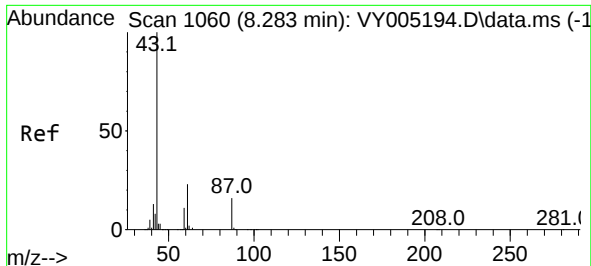
Lab File: VY005360.D

Acq: 07 Jul 2021 12:29



Tgt Ion:117	Resp:	21977	
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.4#
121	0.0	24.7	37.1#

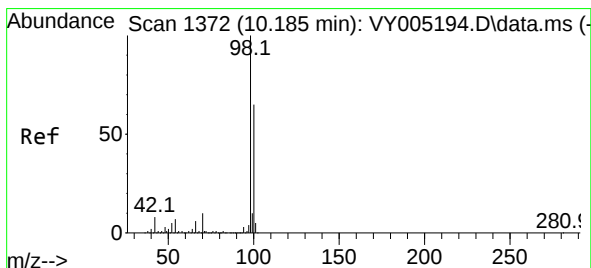
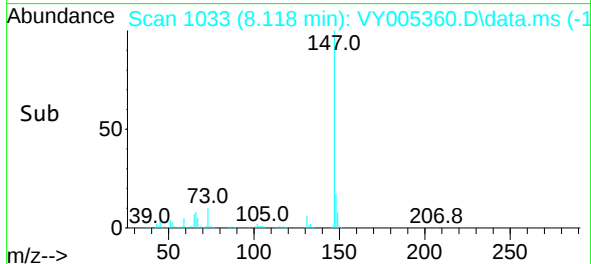
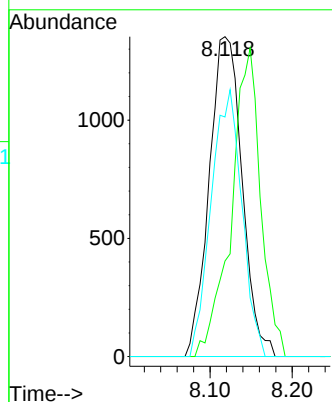
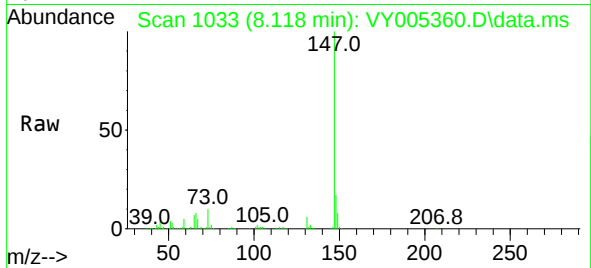




#43
Isopropyl Acetate
Concen: 1.171 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.165 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

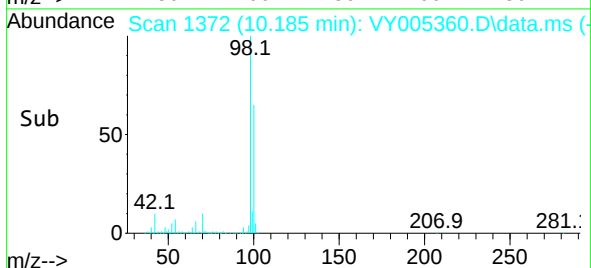
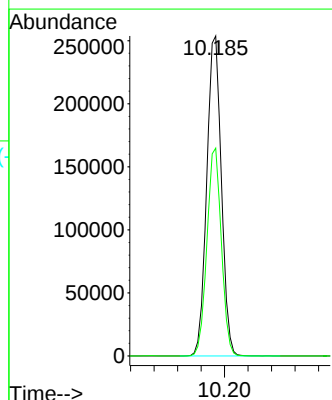
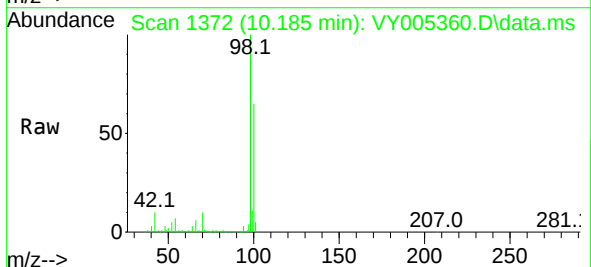
Instrument :
MSVOA_Y
ClientSampleId :

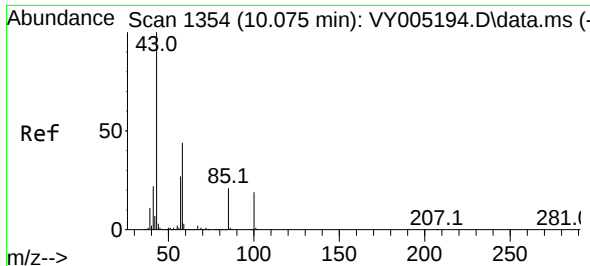
Tgt Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
61 0.0 25.5 38.3#
87 77.8 12.9 19.3#



#50
Toluene-d8
Concen: 48.208 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

Tgt Ion: 98 Resp: 438121
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

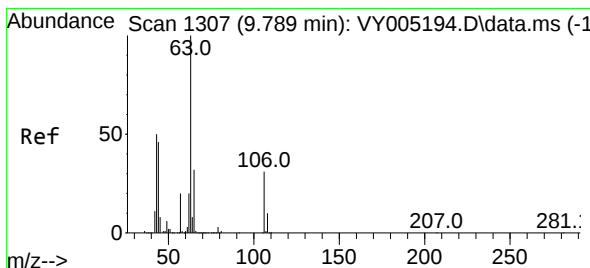
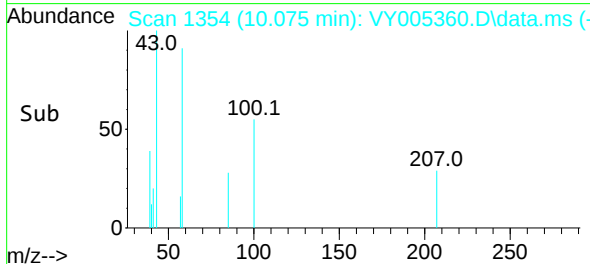
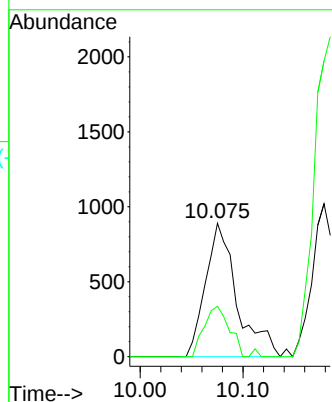
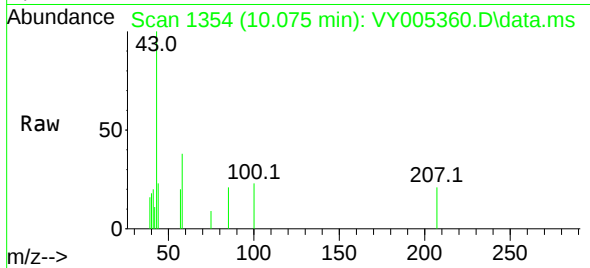




#51
4-Methyl-2-Pentanone
Concen: 1.123 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

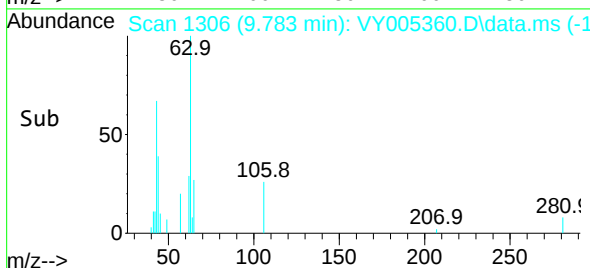
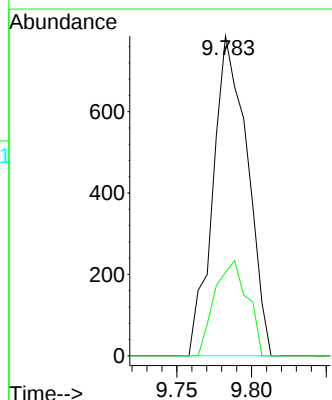
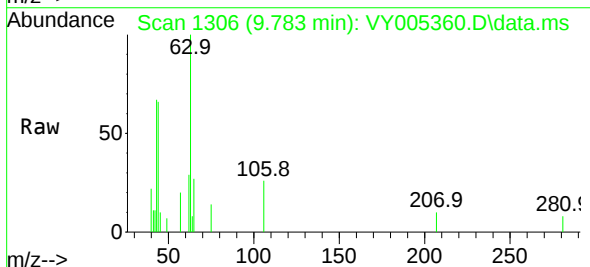
Instrument :
MSVOA_Y
ClientSampled :

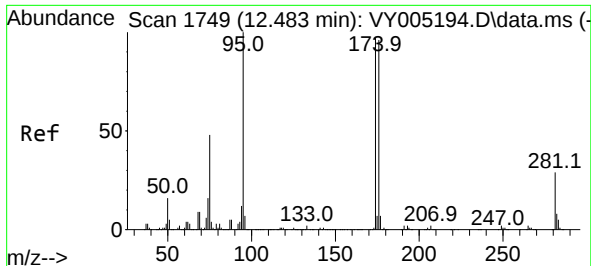
Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
58 30.4 35.3 52.9#



#58
2-Chloroethyl Vinyl ether
Concen: 1.031 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

Tgt Ion: 63 Resp: 1255
Ion Ratio Lower Upper
63 100
106 28.3 24.7 37.1

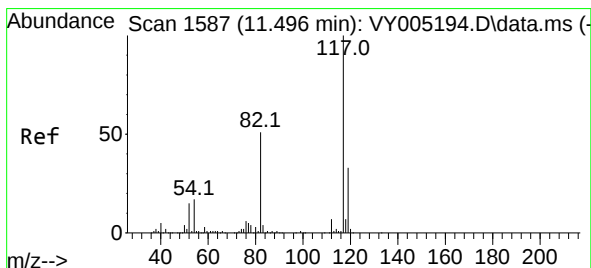
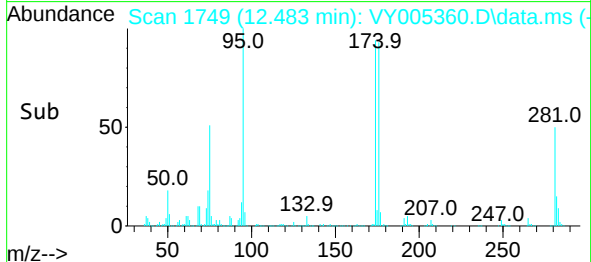
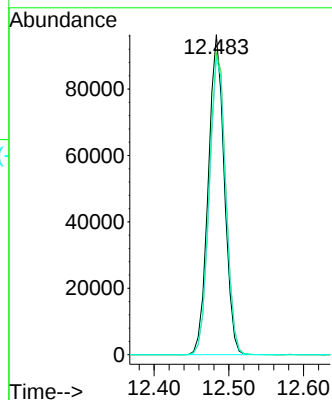
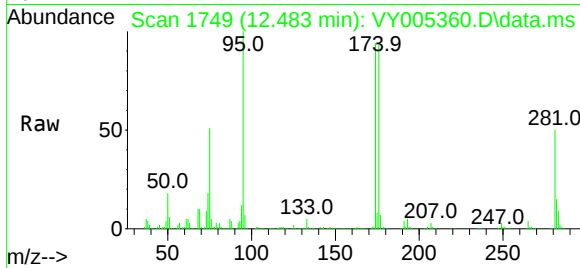




#62
4-Bromofluorobenzene
Concen: 47.257 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

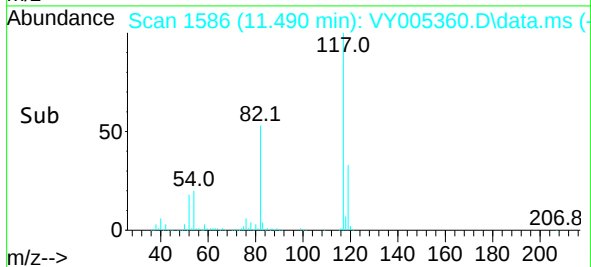
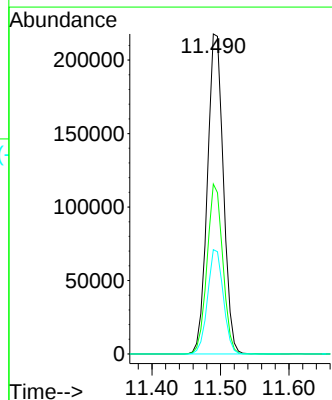
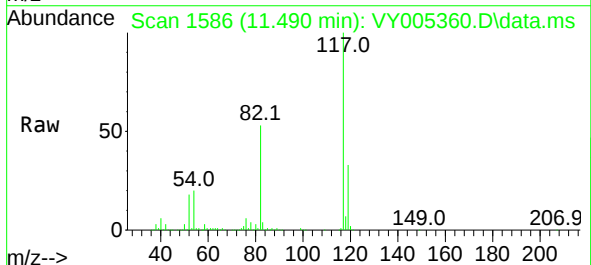
Instrument :
MSVOA_Y
ClientSampled :

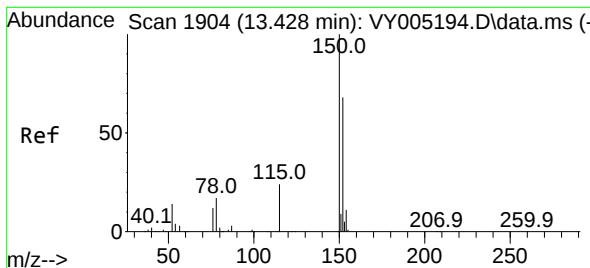
Tgt Ion: 95 Resp: 143115
Ion Ratio Lower Upper
95 100
174 97.8 0.0 201.6
176 95.5 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005360.D
Acq: 07 Jul 2021 12:29

Tgt Ion: 117 Resp: 352709
Ion Ratio Lower Upper
117 100
82 53.1 40.6 60.8
119 32.6 26.1 39.1

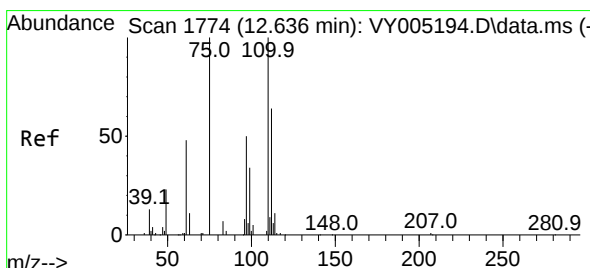
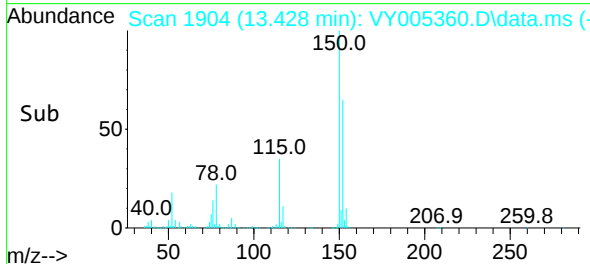
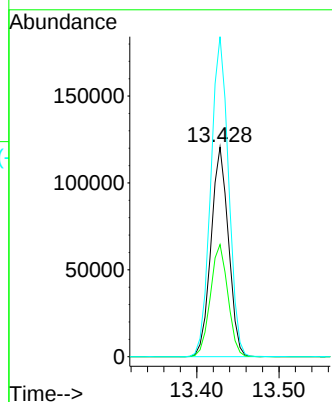
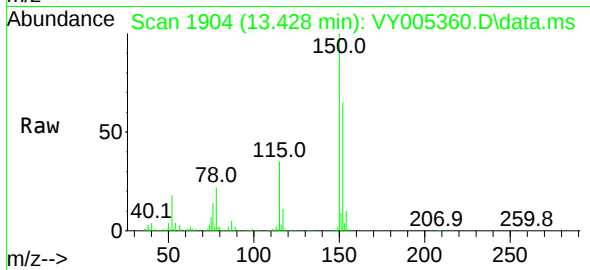




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005360.D
 Acq: 07 Jul 2021 12:29

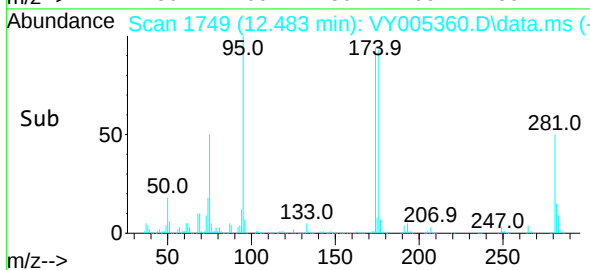
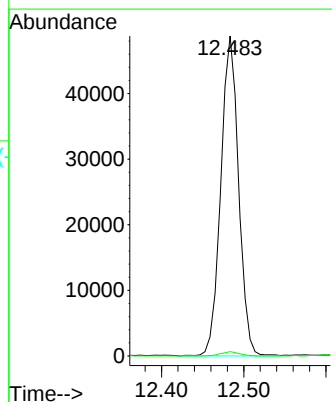
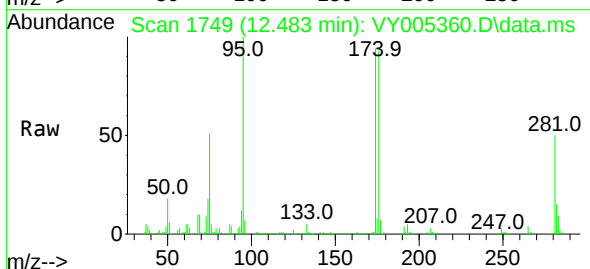
Instrument :
 MSVOA_Y
 ClientSampleId :

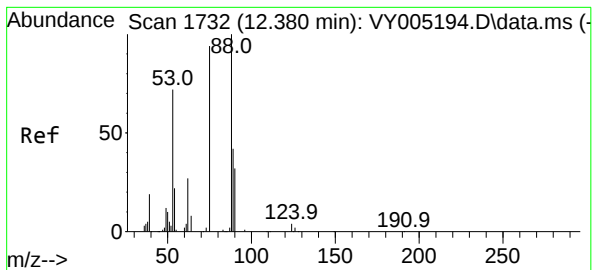
Tgt Ion:152 Resp: 177510
 Ion Ratio Lower Upper
 152 100
 115 53.7 26.3 78.8
 150 155.8 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 46.620 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005360.D
 Acq: 07 Jul 2021 12:29

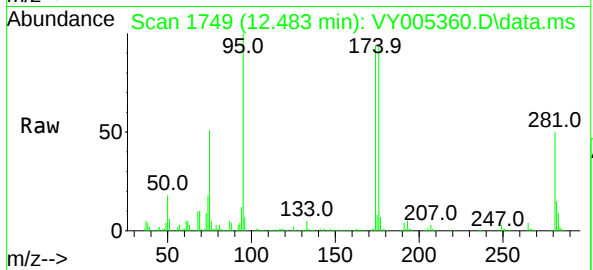
Tgt Ion: 75 Resp: 73394
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.982 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005360.D
 Acq: 07 Jul 2021 12:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 73394
 Ion Ratio Lower Upper
 75 100
 53 0.1 63.0 94.4#
 89 0.7 38.0 57.0#

