

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005027.D
 Acq On : 08 Jun 2021 16:59
 Operator : SY/MD
 Sample : M2625-18
 Misc : 7.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

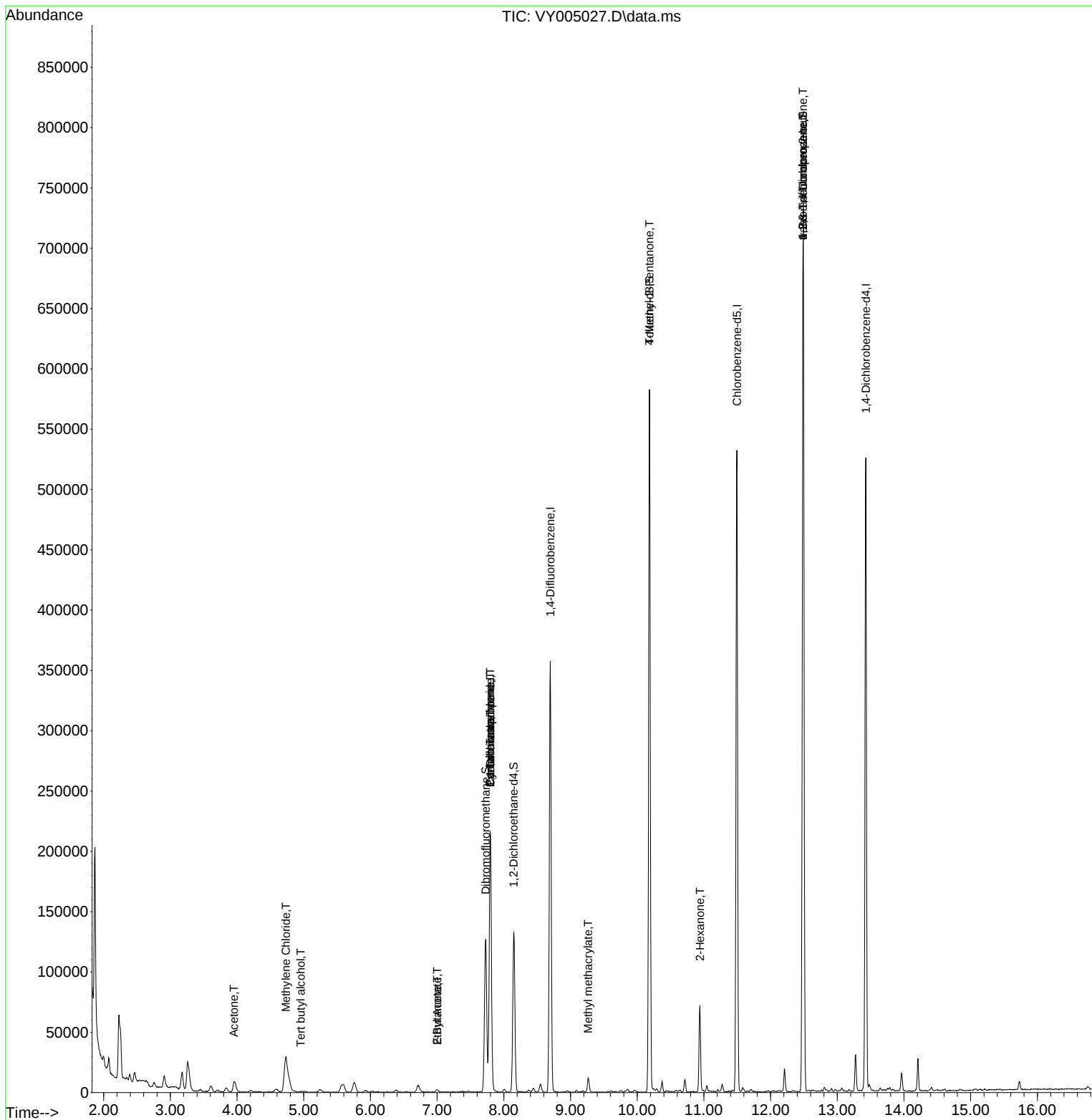
Quant Time: Jun 09 03:51:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

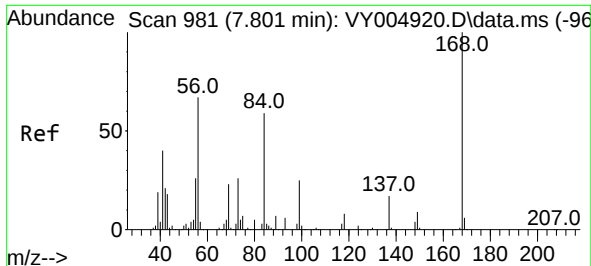
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	165714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	284617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	100409	57.315	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.620%			
35) Dibromofluoromethane	7.728	113	88942	55.819	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.640%			
50) Toluene-d8	10.185	98	371140	56.084	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.160%			
62) 4-Bromofluorobenzene	12.483	95	124902	54.880	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.760%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	597	2.963	ug/l #	74
13) Acrolein	3.722	56	130	Below Cal	#	15
16) Acetone	3.954	43	15293	36.263	ug/l	93
20) Methylene Chloride	4.734	84	20438	4.698	ug/l	95
25) 2-Butanone	7.002	43	3866	5.452	ug/l	95
31) Cyclohexane	7.795	56	3808	1.235	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13430	4.633	ug/l #	49
37) Ethyl Acetate	7.002	43	3866	2.028	ug/l #	70
38) Carbon Tetrachloride	7.795	117	16618	6.588	ug/l #	17
48) Methyl methacrylate	9.264	41	3313	2.127	ug/l #	43
51) 4-Methyl-2-Pentanone	10.185	43	1929	1.075	ug/l #	1
59) 2-Hexanone	10.941	43	11317	9.331	ug/l #	49
76) 1,2,3-Trichloropropane	12.483	75	69315	48.792	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69315	89.669	ug/l #	16

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

Quant Time: Jun 09 03:51:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

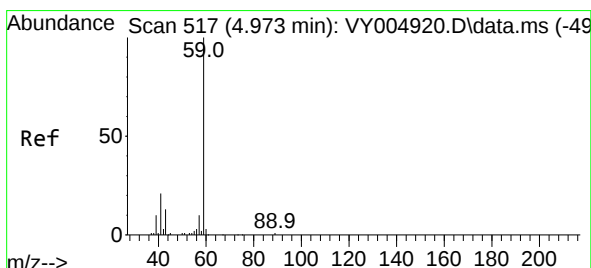
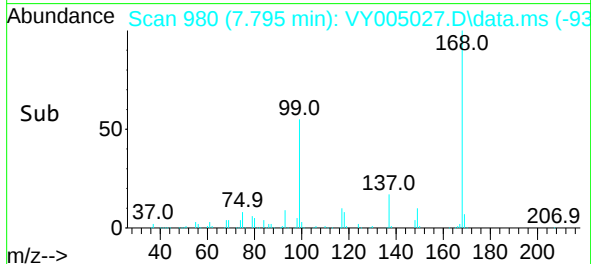
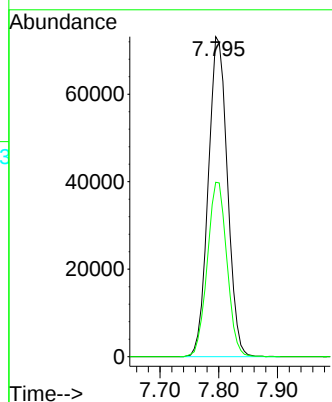
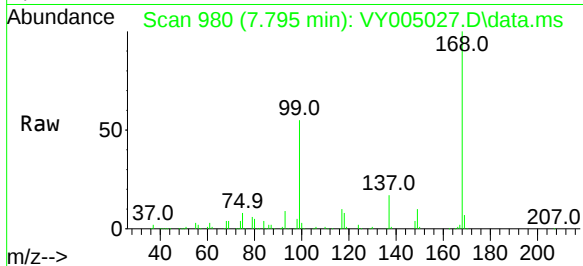




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

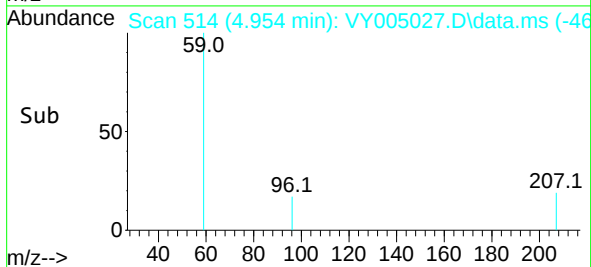
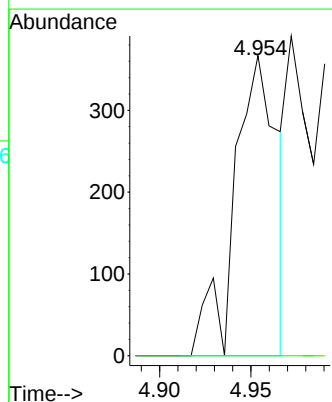
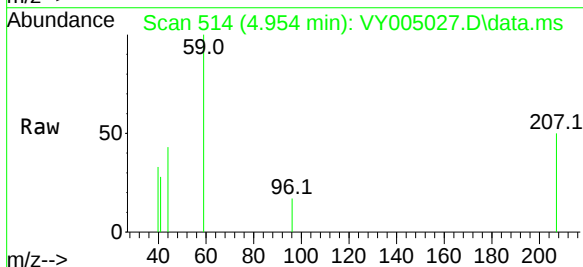
Instrument :
MSVOA_Y
ClientSampleId :

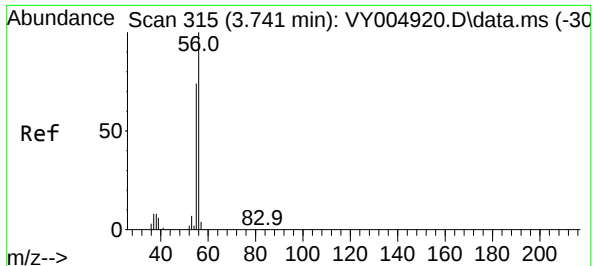
Tgt Ion:168 Resp: 165714
Ion Ratio Lower Upper
168 100
99 54.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.963 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

Tgt Ion: 59 Resp: 597
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

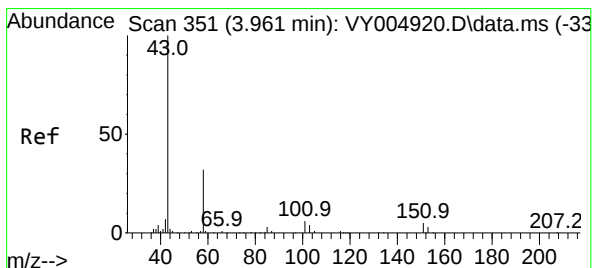
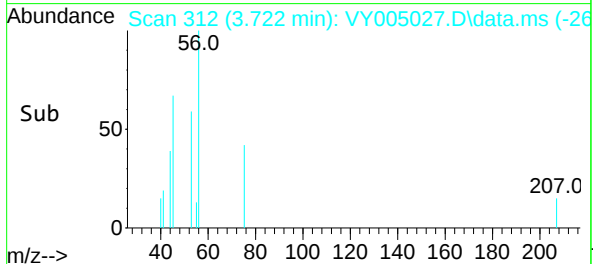
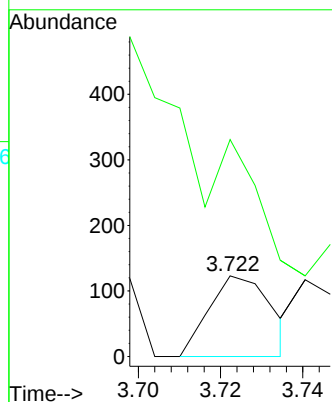
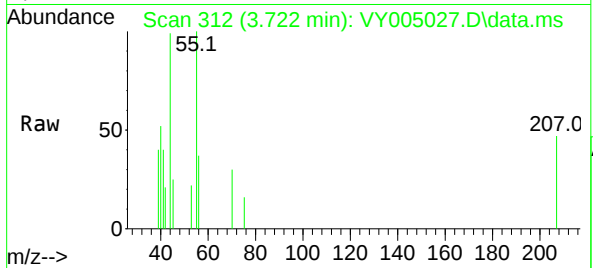




#13
Acrolein
Concen: Below Cal
RT: 3.722 min Scan# 312
Delta R.T. -0.019 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

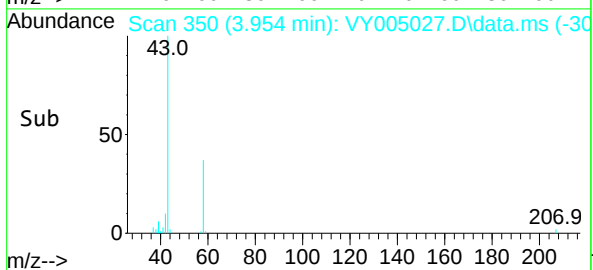
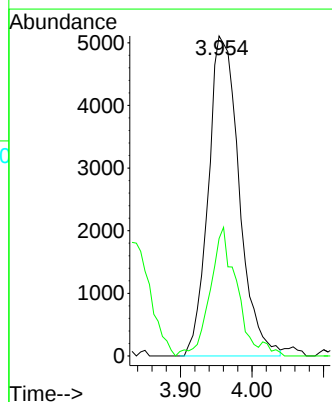
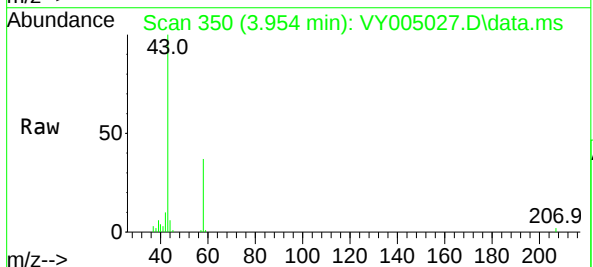
Instrument :
MSVOA_Y
ClientSampled :

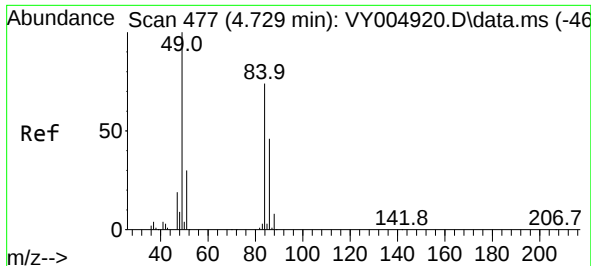
Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 36.263 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.007 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

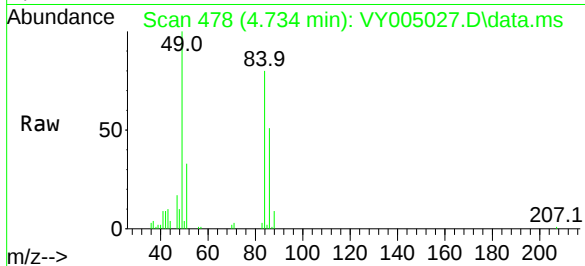
Tgt Ion: 43 Resp: 15293
Ion Ratio Lower Upper
43 100
58 35.6 25.3 37.9



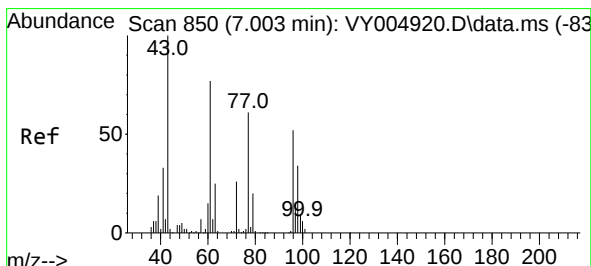
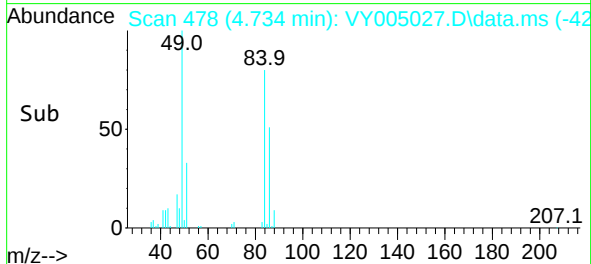
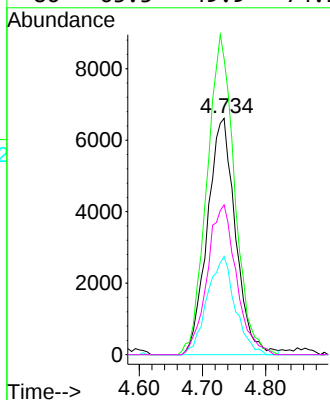


#20
Methylene Chloride
Concen: 4.698 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

Instrument :
MSVOA_Y
ClientSampleId :

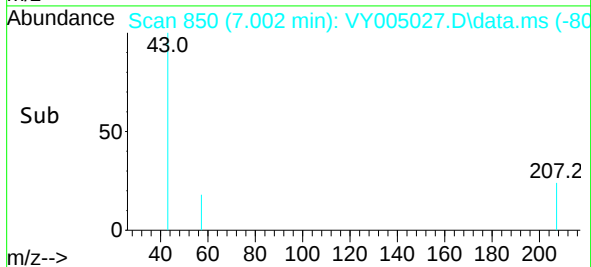
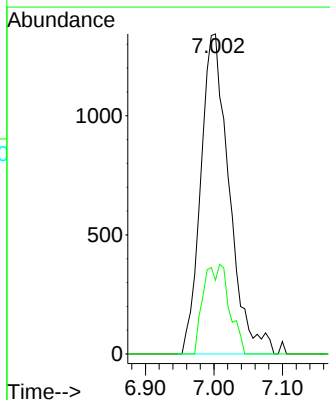
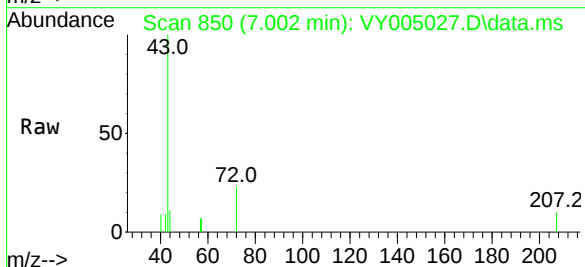


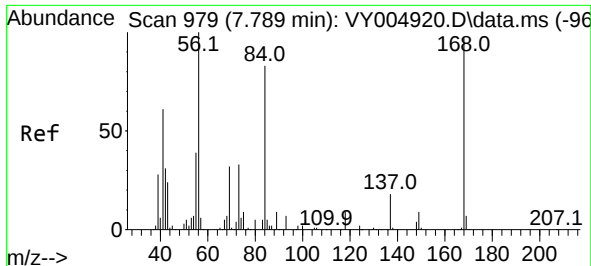
Tgt Ion:	84	Resp:	20438
Ion	Ratio	Lower	Upper
84	100		
49	125.2	108.0	162.0
51	41.5	32.6	48.8
86	63.3	49.9	74.9



#25
2-Butanone
Concen: 5.452 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

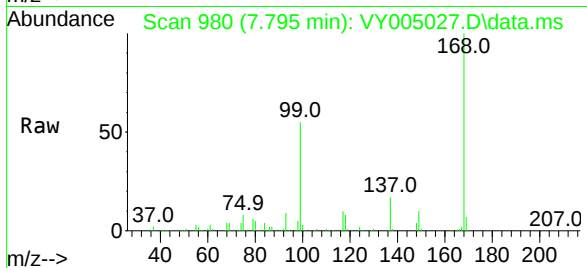
Tgt Ion:	43	Resp:	3866
Ion	Ratio	Lower	Upper
43	100		
72	23.1	20.6	31.0



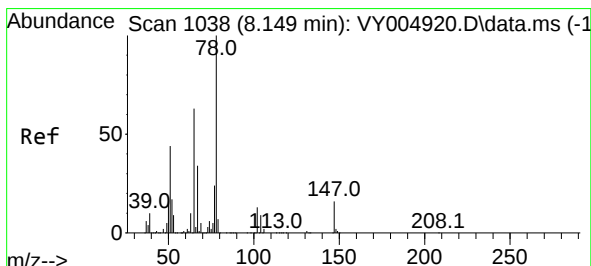
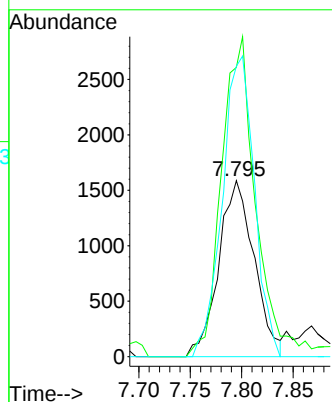
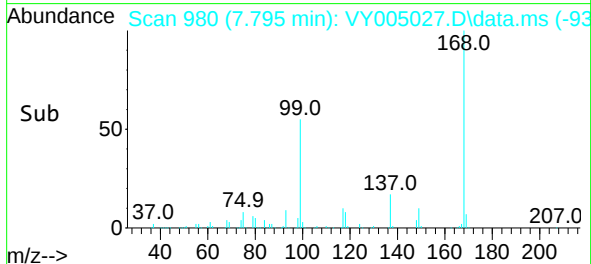


#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

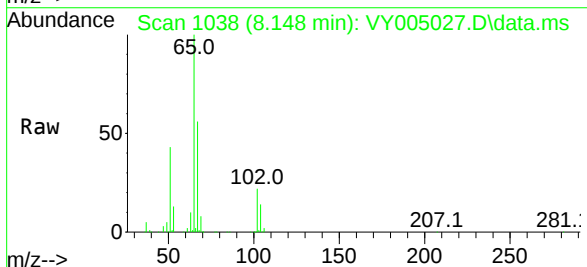
Instrument :
MSVOA_Y
ClientSampleId :



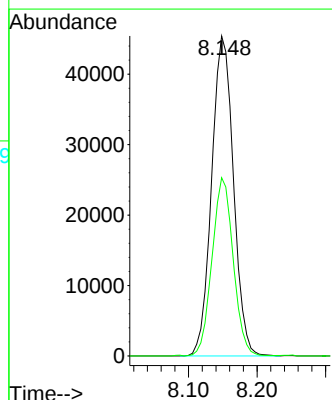
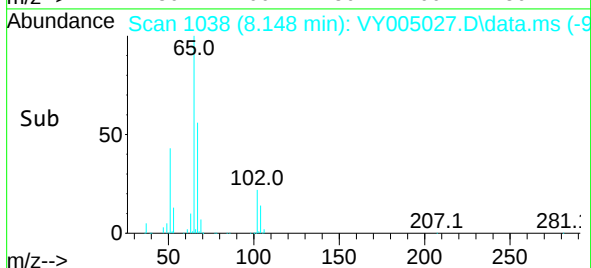
Tgt Ion: 56 Resp: 3808
Ion Ratio Lower Upper
56 100
69 164.4 25.3 37.9#
84 165.0 66.2 99.4#

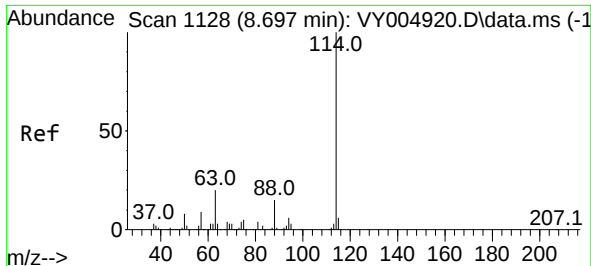


#33
1,2-Dichloroethane-d4
Concen: 57.315 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59



Tgt Ion: 65 Resp: 100409
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6

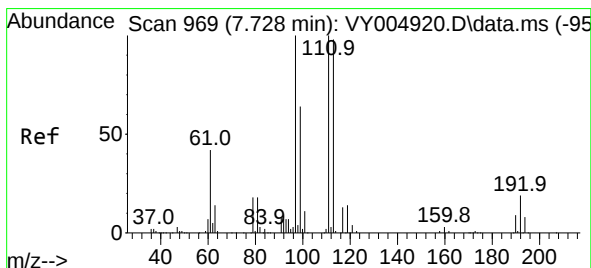
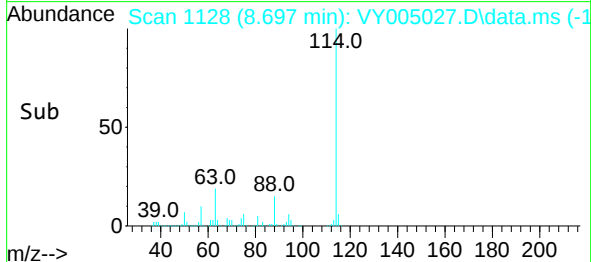
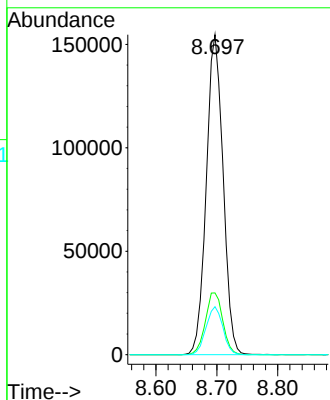
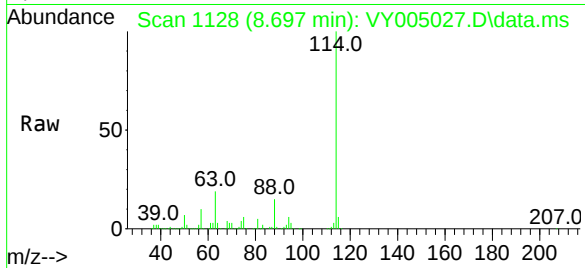




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

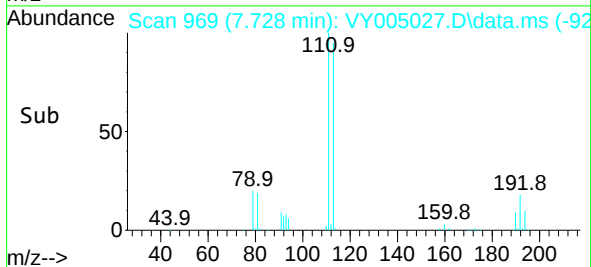
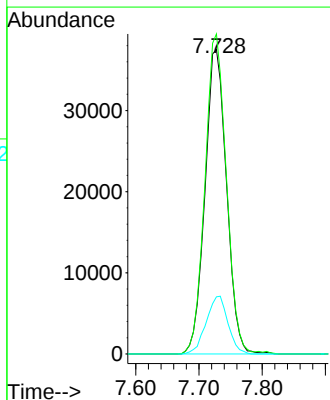
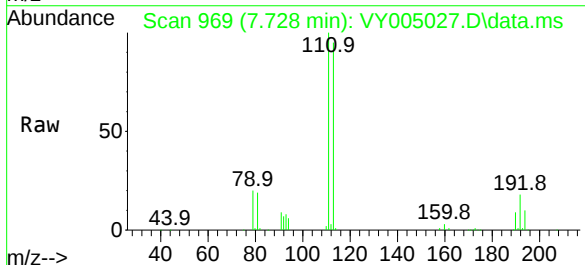
Instrument :
MSVOA_Y
ClientSampleId :

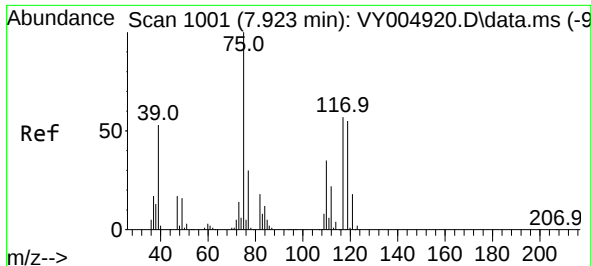
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.0
88	15.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 55.819 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.8
192	19.1	15.3	22.9

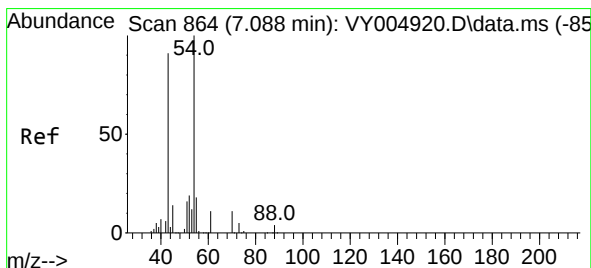
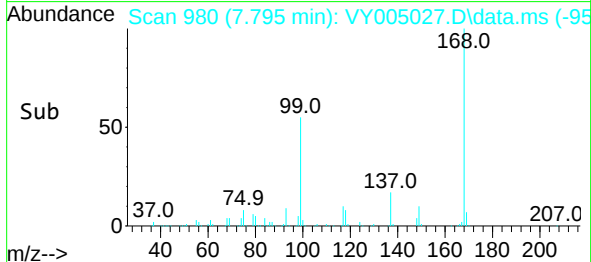
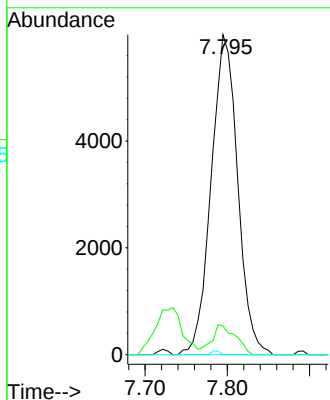
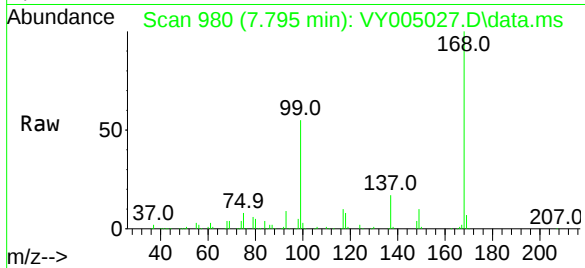




#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

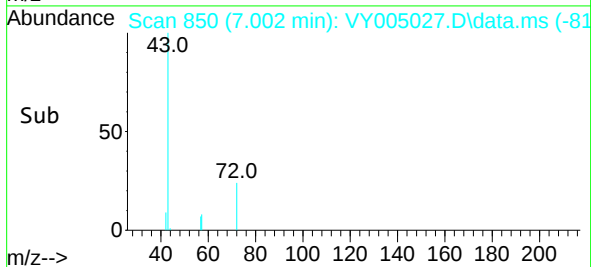
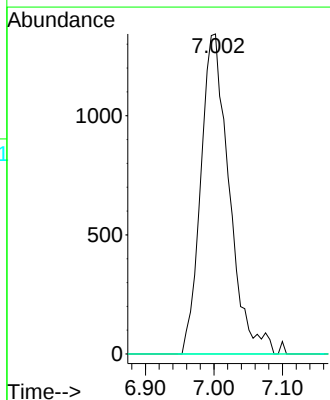
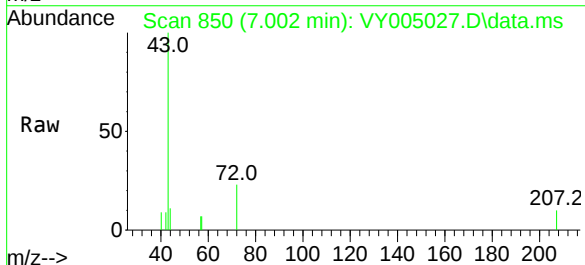
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MSVOA_Y
ClientSampleId :

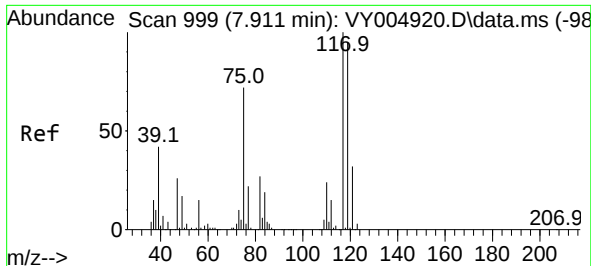
Tgt Ion: 75 Resp: 13430
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.4 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.028 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.086 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

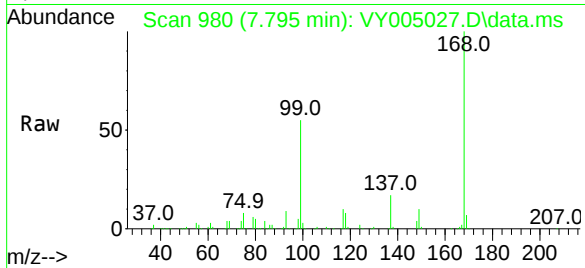
Tgt Ion: 43 Resp: 3866
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.9 11.9#



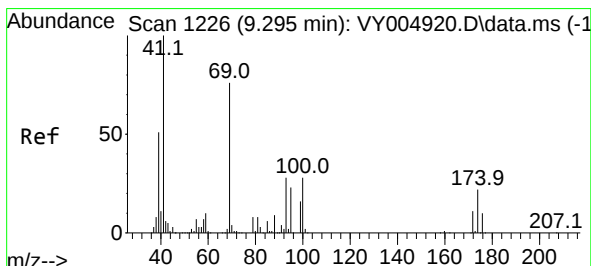
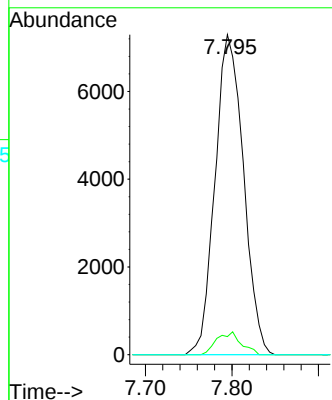
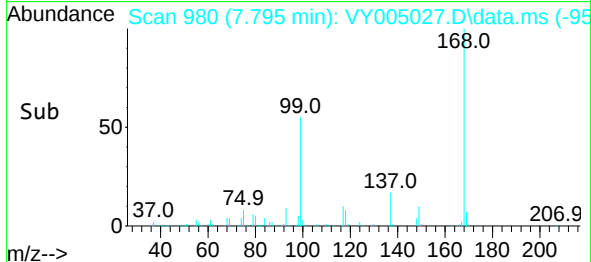


#38
Carbon Tetrachloride
Concen: 6.588 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

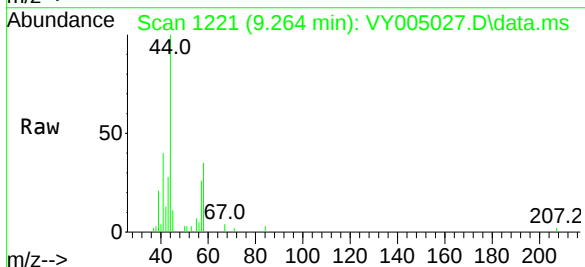
Instrument :
MSVOA_Y
ClientSampleId :



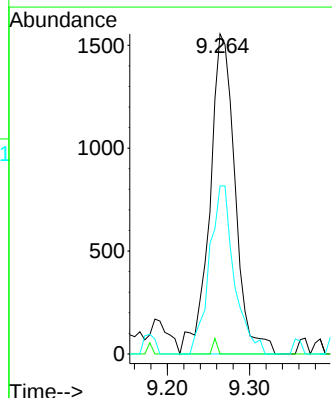
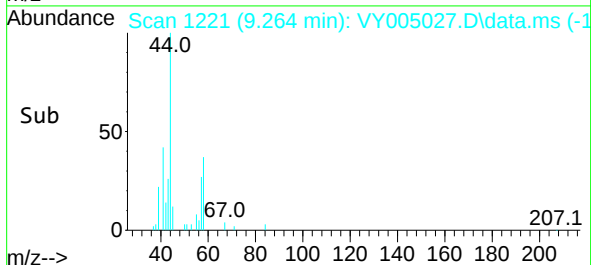
Tgt Ion:117 Resp: 16618
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 25.5 38.3#

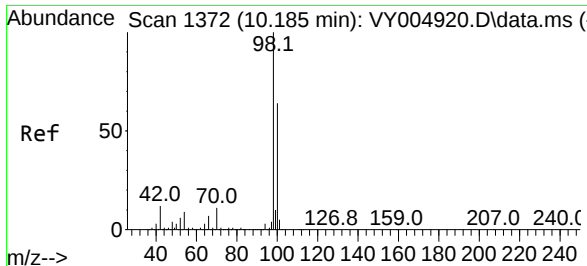


#48
Methyl methacrylate
Concen: 2.127 ug/l
RT: 9.264 min Scan# 1221
Delta R.T. -0.031 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59



Tgt Ion: 41 Resp: 3313
Ion Ratio Lower Upper
41 100
69 0.8 66.3 99.5#
39 51.6 44.3 66.5

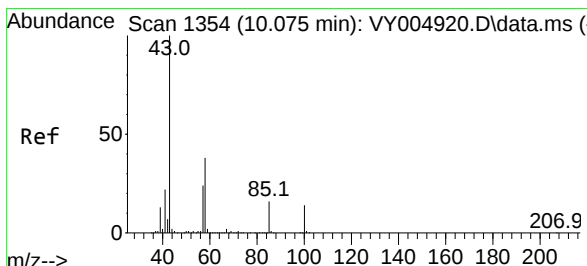
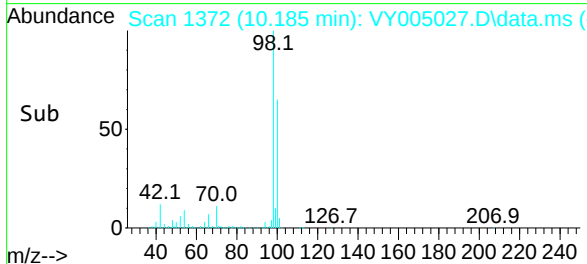
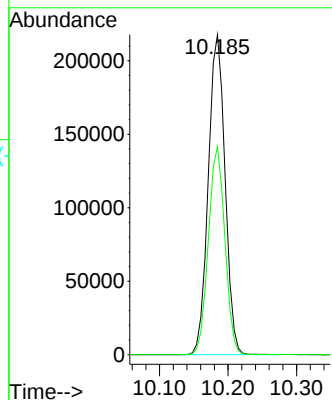
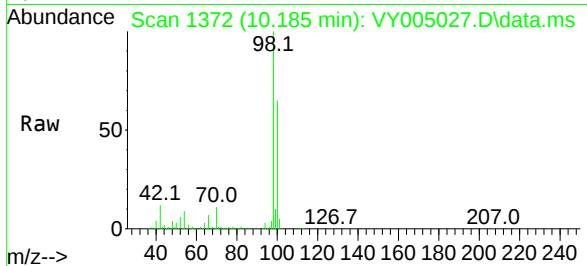




#50
Toluene-d8
Concen: 56.084 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

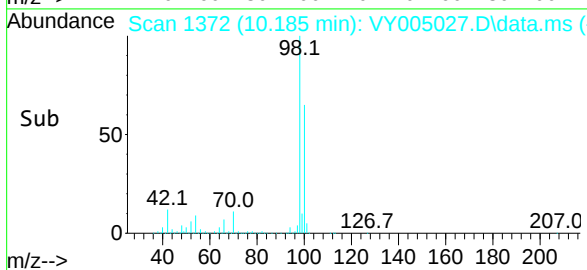
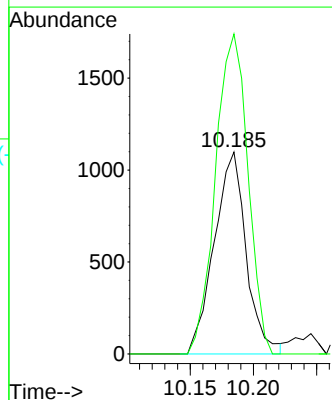
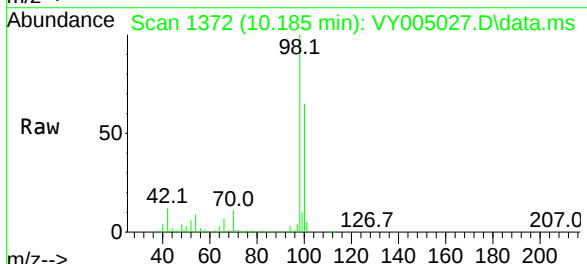
Instrument :
MSVOA_Y
ClientSampled :

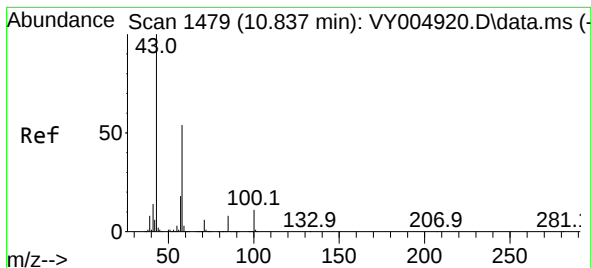
Tgt Ion: 98 Resp: 371140
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.075 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
58 160.5 30.6 46.0#

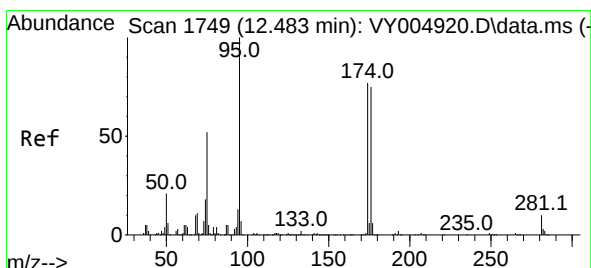
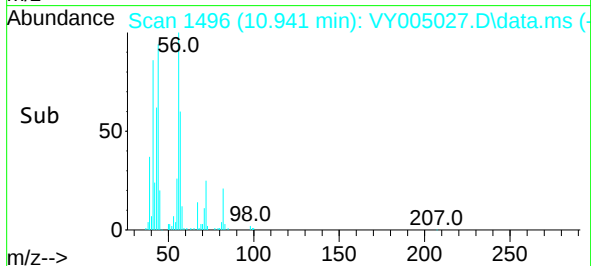
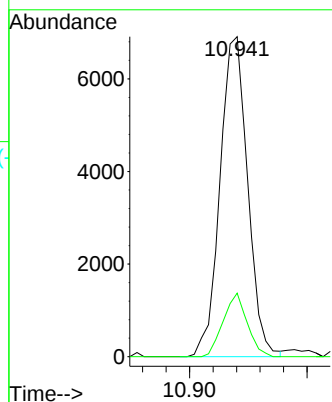
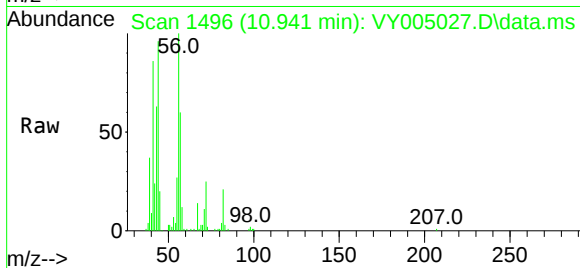




#59
2-Hexanone
Concen: 9.331 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.103 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

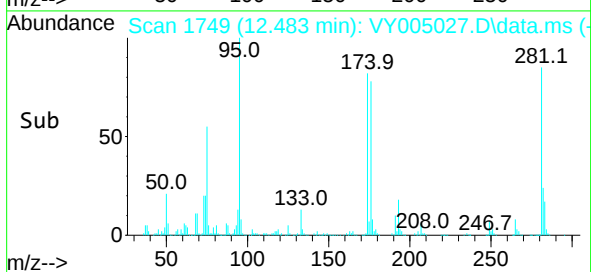
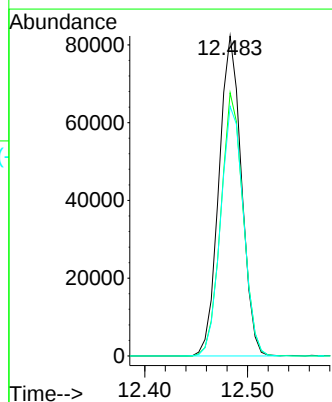
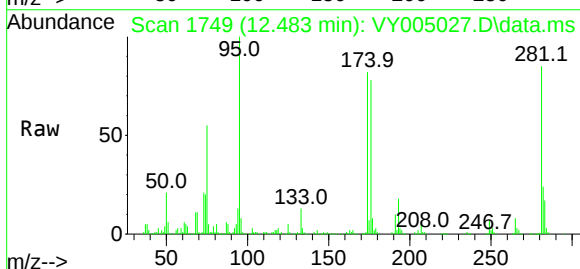
Instrument :
MSVOA_Y
ClientSampled :

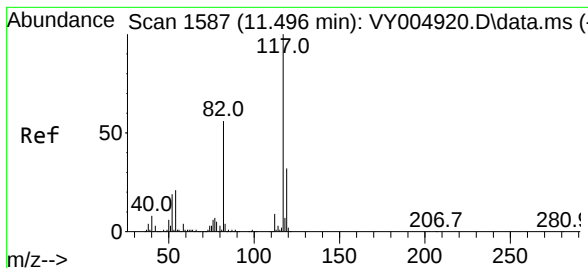
Tgt Ion: 43 Resp: 11317
Ion Ratio Lower Upper
43 100
58 17.2 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 54.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

Tgt Ion: 95 Resp: 124902
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.8
176 79.4 0.0 155.6

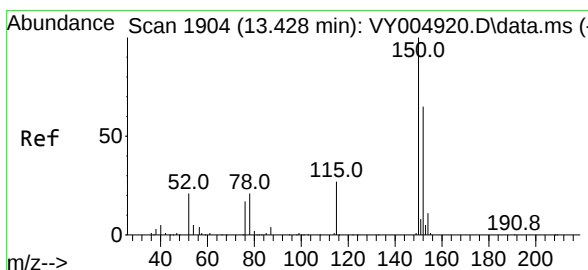
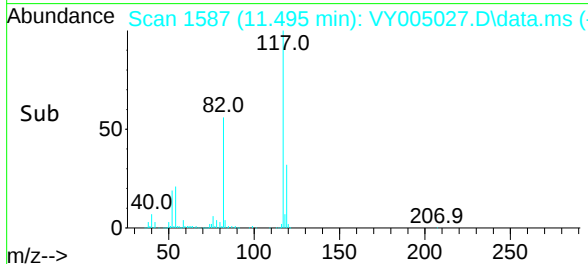
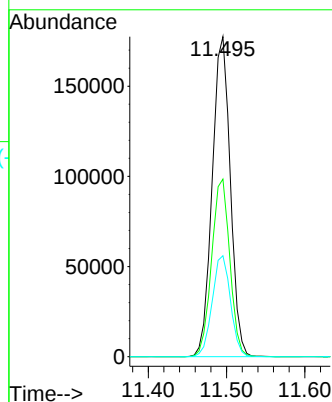
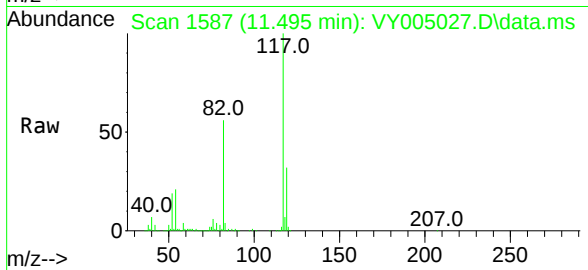




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

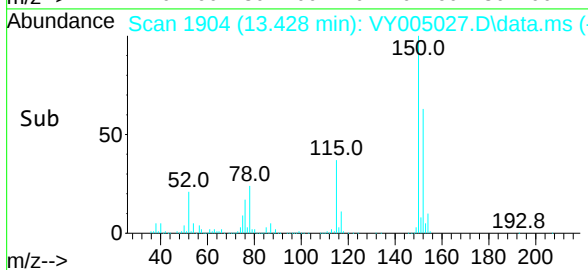
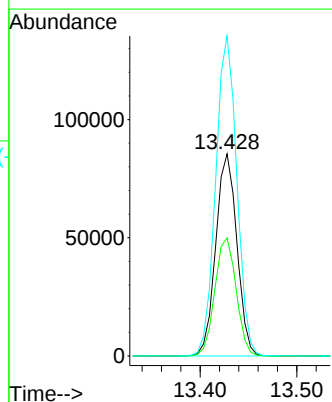
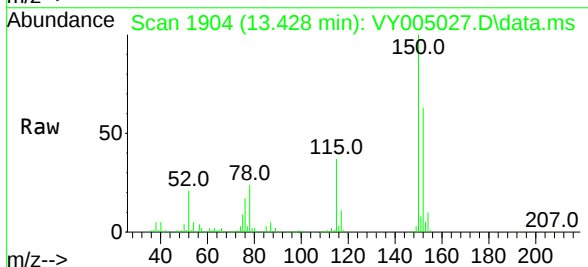
Instrument :
MSVOA_Y
ClientSampleId :

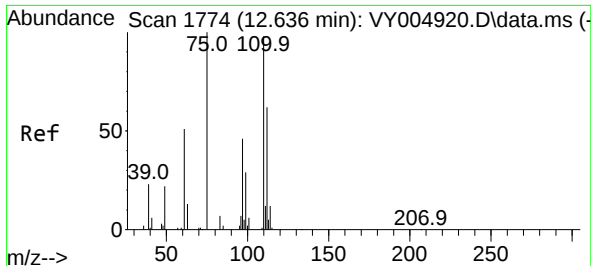
Tgt Ion:117 Resp: 284617
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

Tgt Ion:152 Resp: 129596
Ion Ratio Lower Upper
152 100
115 58.9 29.9 89.7
150 158.4 0.0 347.8

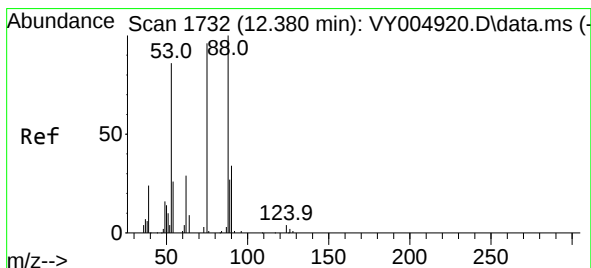
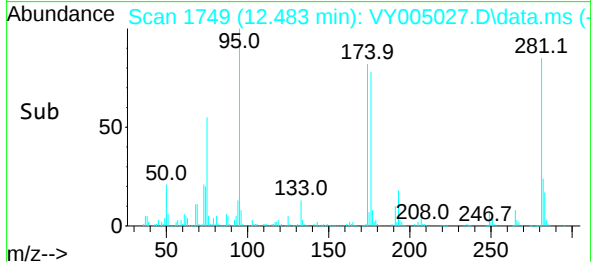
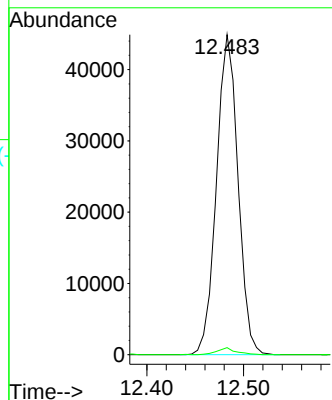
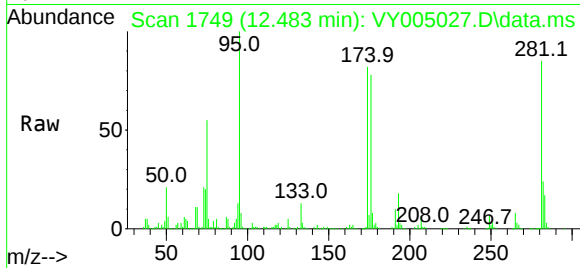




#76
1,2,3-Trichloropropane
Concen: 48.792 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 69315
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005027.D
Acq: 08 Jun 2021 16:59

Tgt Ion: 75 Resp: 69315
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.1 35.0 52.6#

