

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005028.D
 Acq On : 08 Jun 2021 17:22
 Operator : SY/MD
 Sample : M2625-19
 Misc : 7.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:51:51 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)

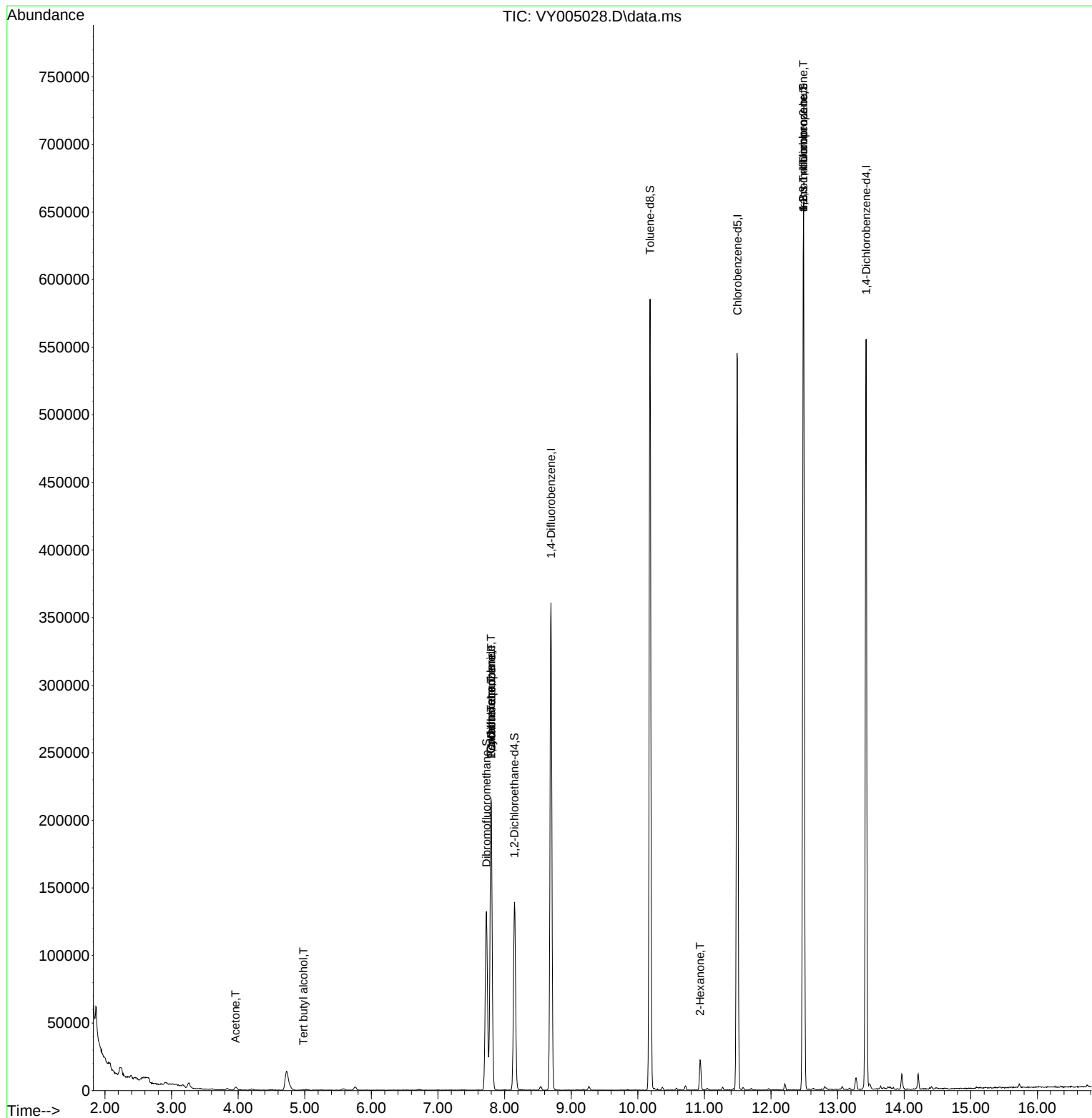
Internal Standards						
1) Pentafluorobenzene	7.801	168	164116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	294514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106837	61.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.160%	
35) Dibromofluoromethane	7.728	113	94322	57.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.560%	
50) Toluene-d8	10.185	98	378717	55.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.720%	
62) 4-Bromofluorobenzene	12.483	95	128370	55.051	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	468	2.346	ug/l #	74
16) Acetone	3.960	43	3850	9.218	ug/l	96
20) Methylene Chloride	4.728	84	10408	Below Cal		91
31) Cyclohexane	7.795	56	3746	1.226	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13400	4.512	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16898	6.538	ug/l #	16
59) 2-Hexanone	10.935	43	3895	3.134	ug/l #	45
76) 1,2,3-Trichloropropane	12.483	75	71281	47.996	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71281	88.205	ug/l #	16

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

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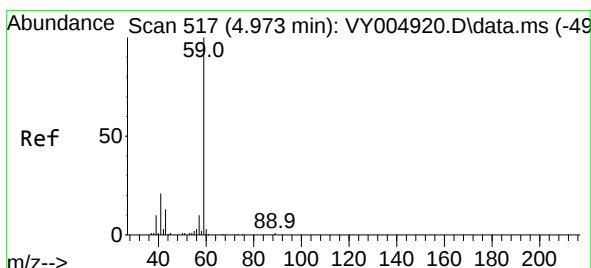
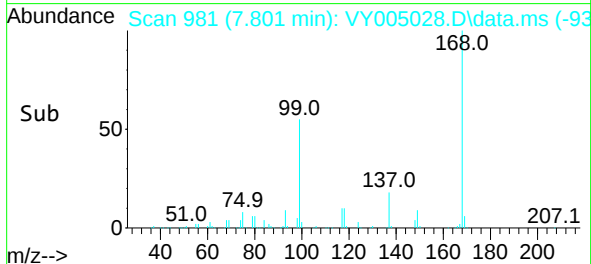
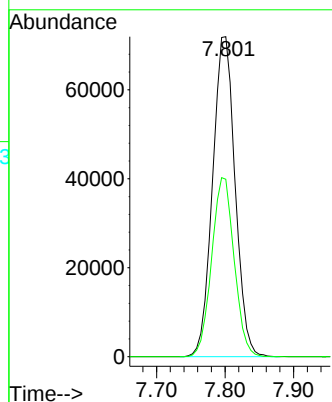
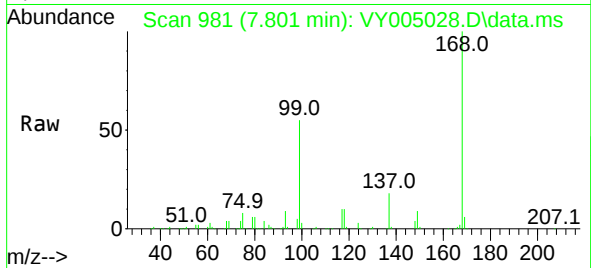




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

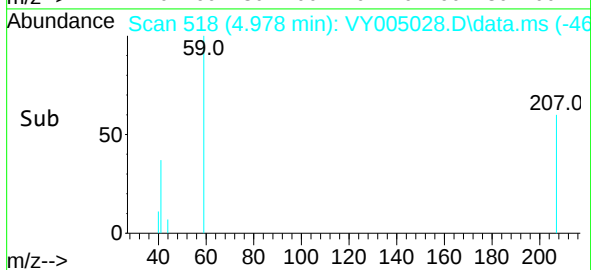
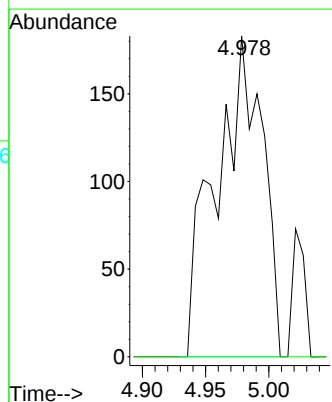
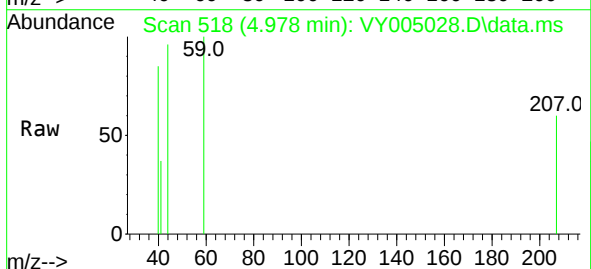
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 164116
Ion Ratio Lower Upper
168 100
99 55.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.346 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

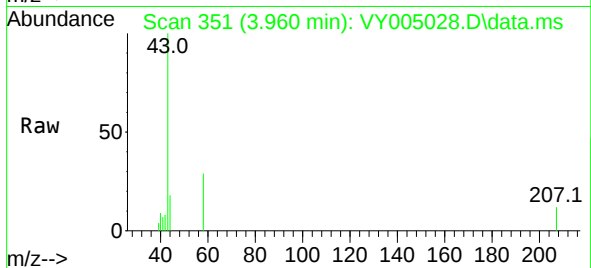
Tgt Ion: 59 Resp: 468
Ion Ratio Lower Upper
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57 0.0 7.7 11.5#



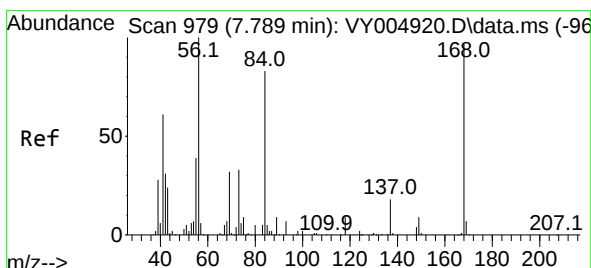
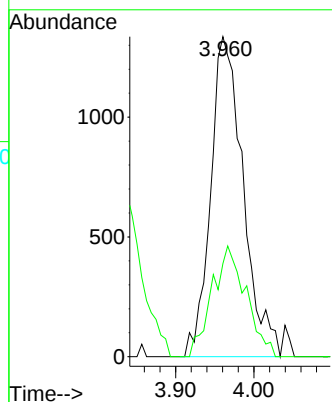
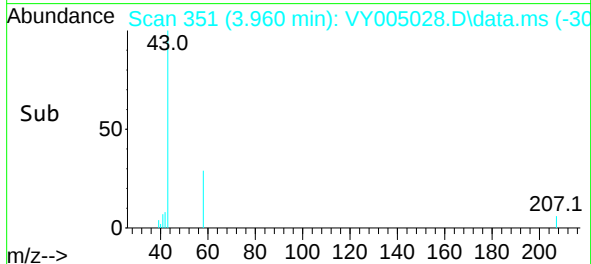


#16
Acetone
Concen: 9.218 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

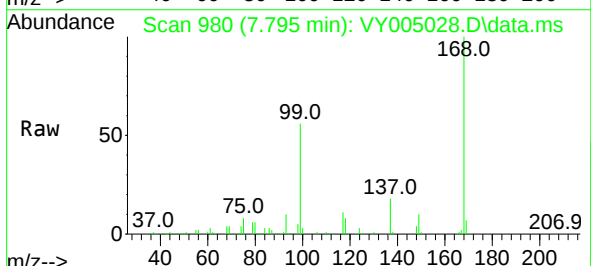
Instrument :
MSVOA_Y
ClientSampled :



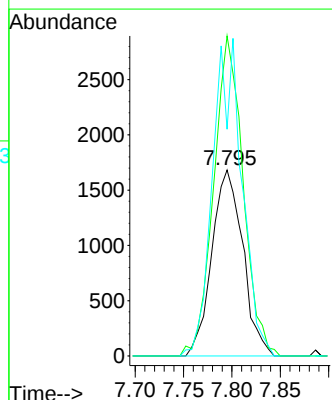
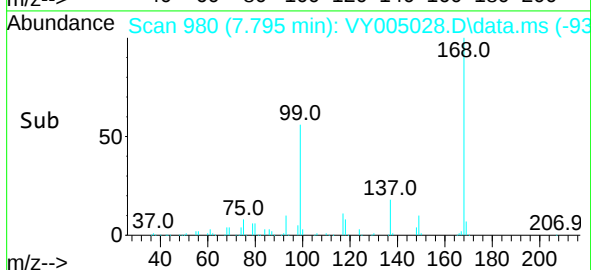
Tgt Ion: 43 Resp: 3850
Ion Ratio Lower Upper
43 100
58 29.1 25.3 37.9

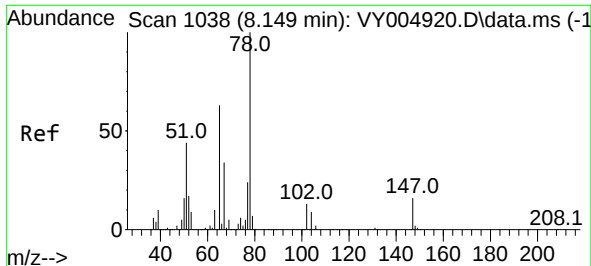


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22



Tgt Ion: 56 Resp: 3746
Ion Ratio Lower Upper
56 100
69 172.1 25.3 37.9#
84 121.9 66.2 99.4#

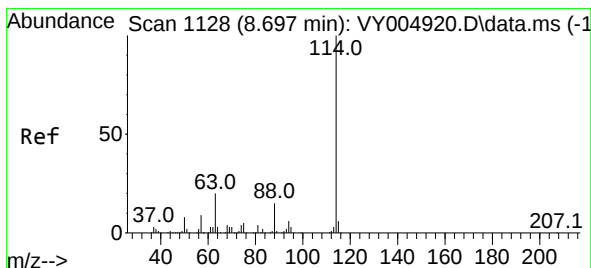
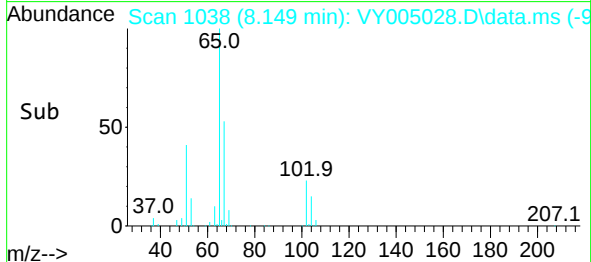
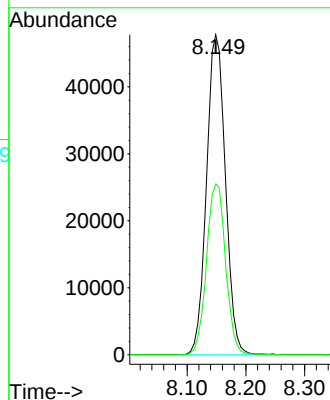
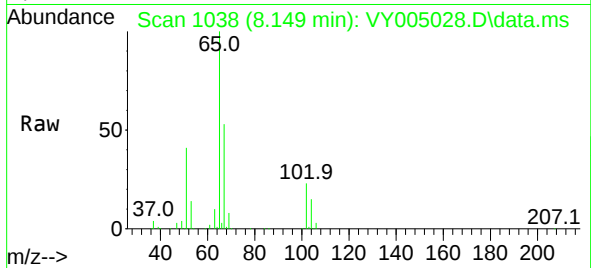




#33
1,2-Dichloroethane-d4
Concen: 61.578 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

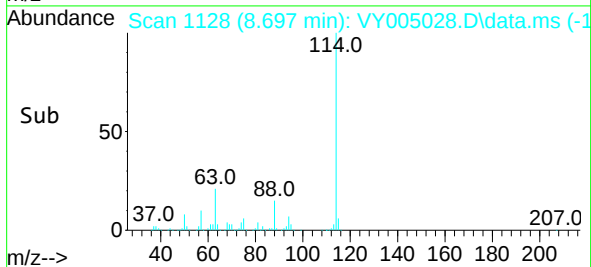
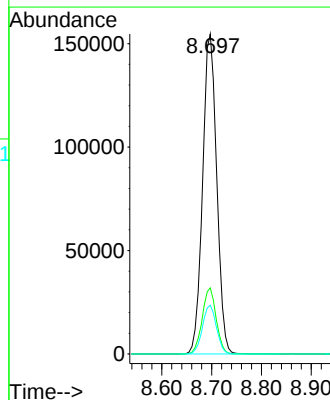
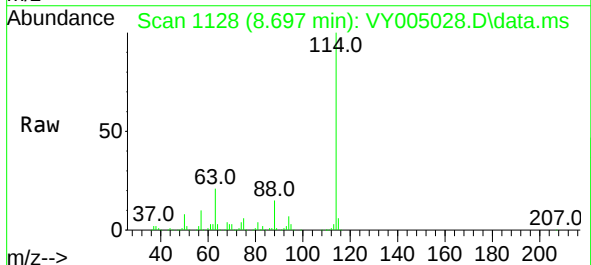
Instrument :
MSVOA_Y
ClientSampleId :

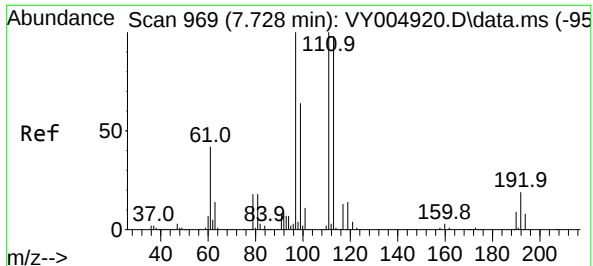
Tgt Ion: 65 Resp: 106837
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

Tgt Ion: 114 Resp: 303442
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.0
88 15.2 0.0 30.6

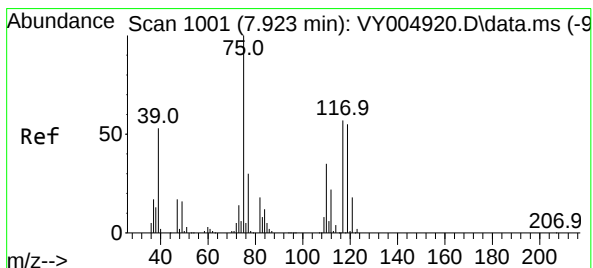
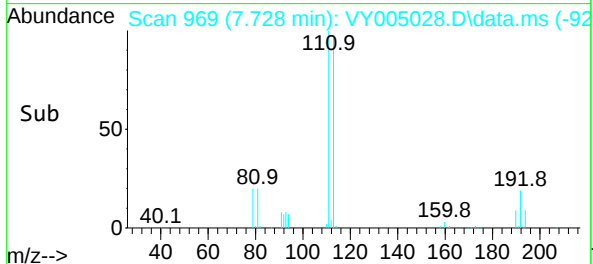
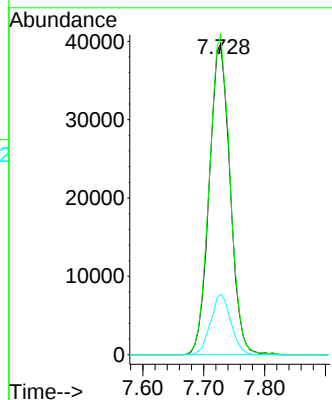
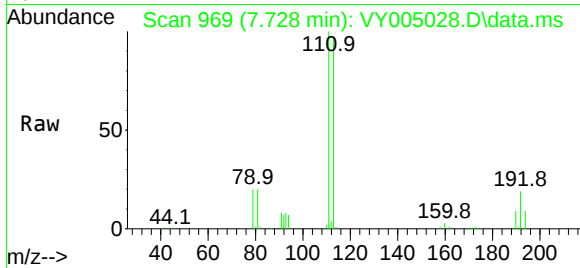




#35
Dibromofluoromethane
Concen: 57.776 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

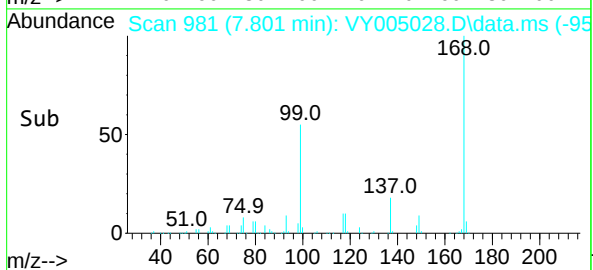
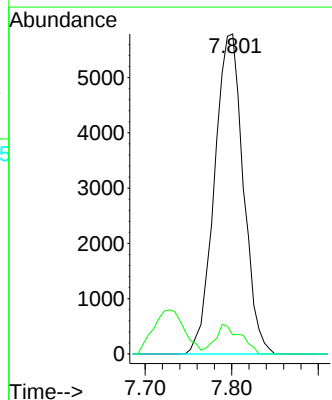
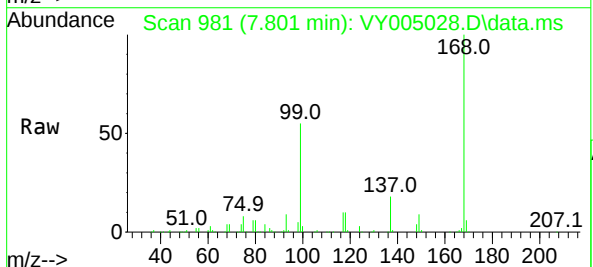
Instrument :
MSVOA_Y
ClientSampleId :

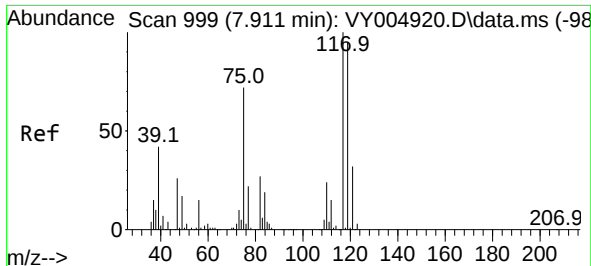
Tgt Ion:	113	Resp:	94322
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	18.7	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.512 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

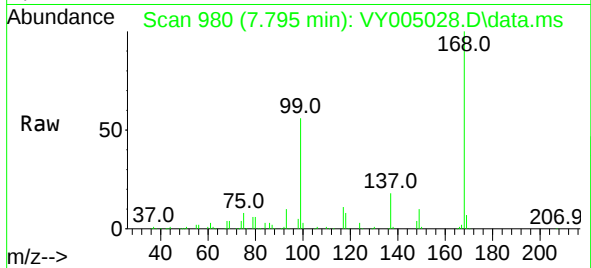
Tgt Ion:	75	Resp:	13400
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.5	52.5#
77	0.0	25.1	37.7#



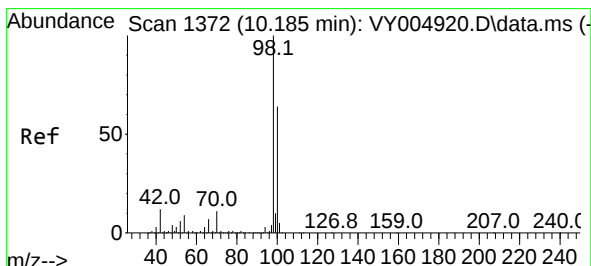
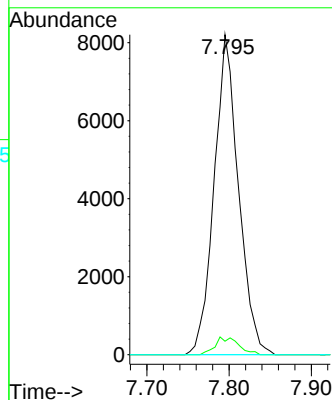
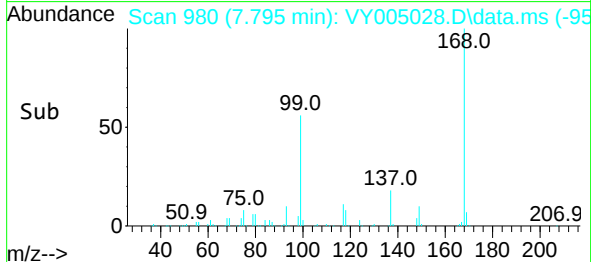


#38
Carbon Tetrachloride
Concen: 6.538 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

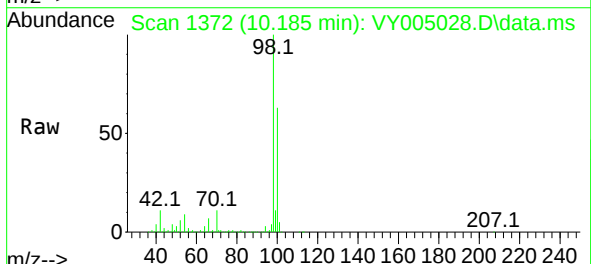
Instrument :
MSVOA_Y
ClientSampleId :



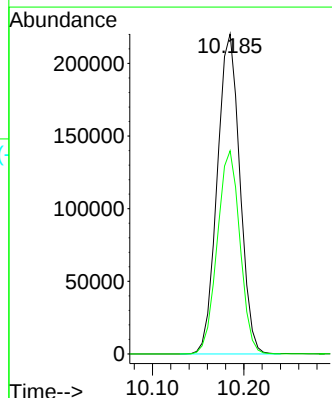
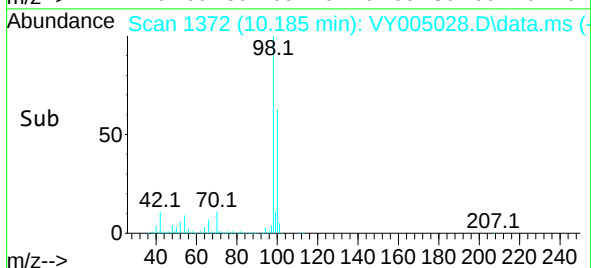
Tgt Ion:117 Resp: 16898
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 25.5 38.3#

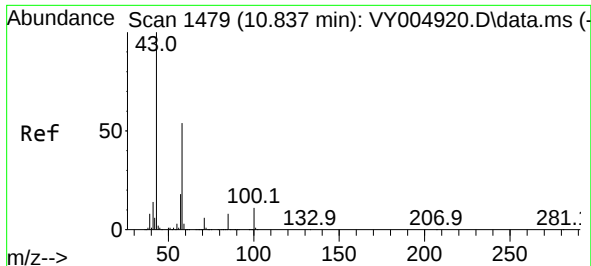


#50
Toluene-d8
Concen: 55.856 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22



Tgt Ion: 98 Resp: 378717
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

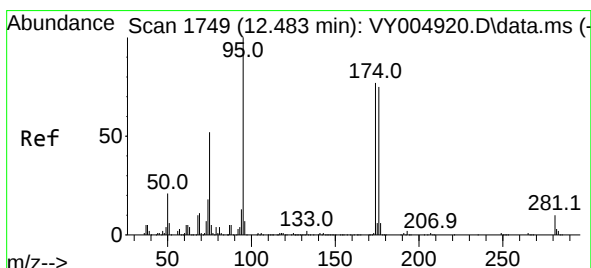
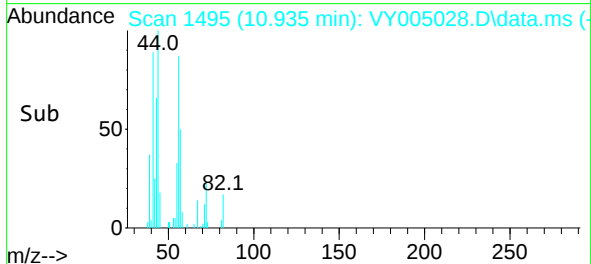
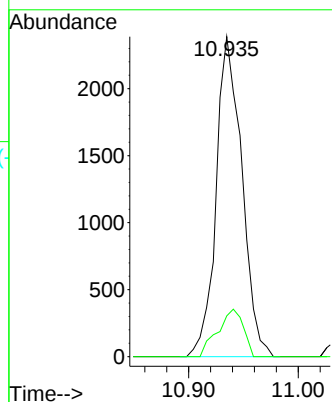
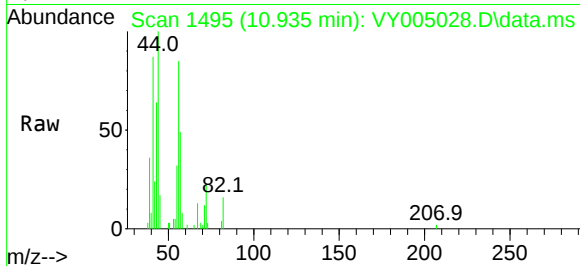




#59
2-Hexanone
Concen: 3.134 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

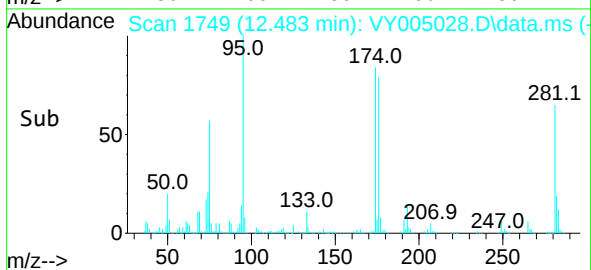
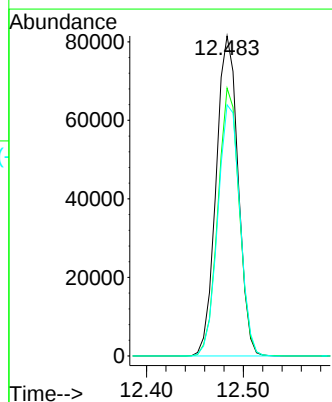
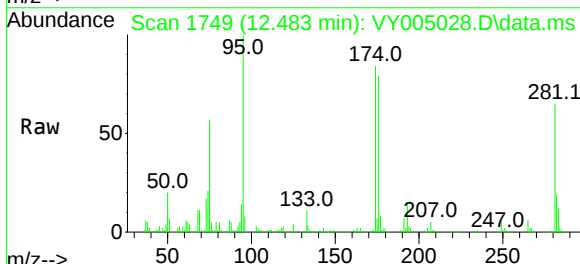
Instrument :
MSVOA_Y
ClientSampled :

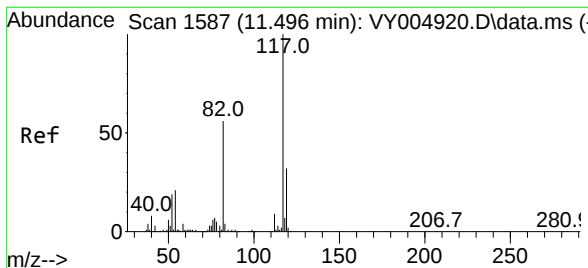
Tgt Ion: 43 Resp: 3895
Ion Ratio Lower Upper
43 100
58 14.7 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 55.051 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

Tgt Ion: 95 Resp: 128370
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.8
176 79.2 0.0 155.6

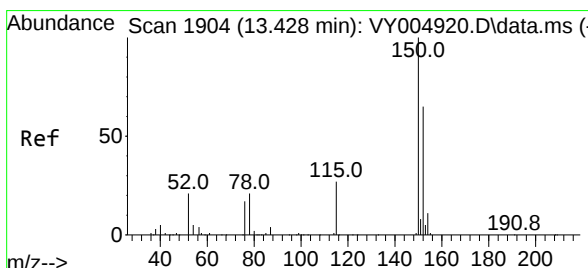
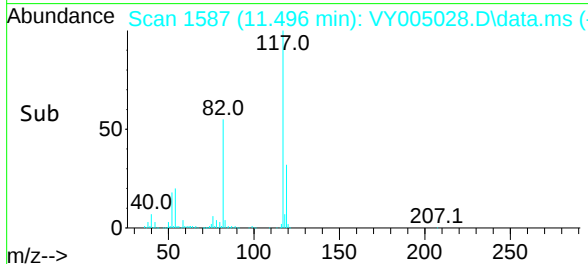
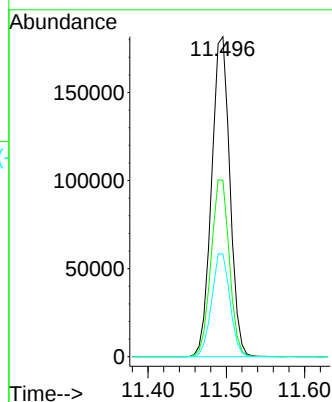
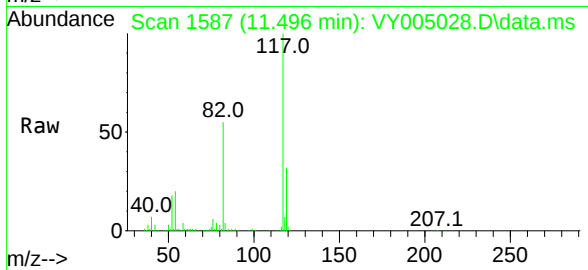




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

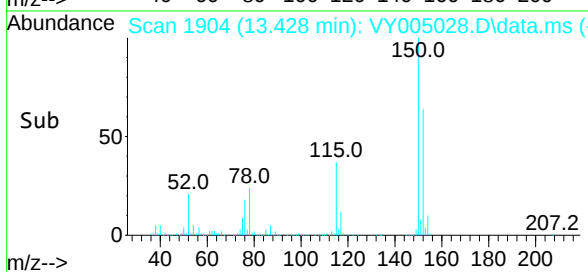
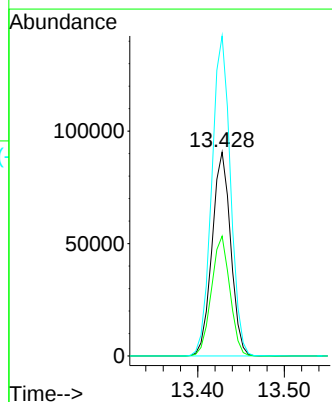
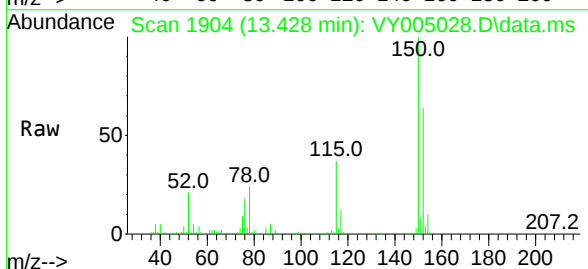
Instrument :
MSVOA_Y
ClientSampleId :

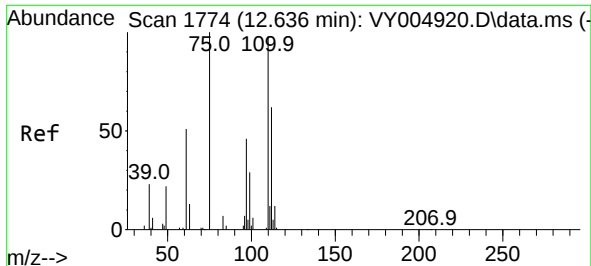
Tgt Ion:117 Resp: 294514
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

Tgt Ion:152 Resp: 135483
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 157.7 0.0 347.8

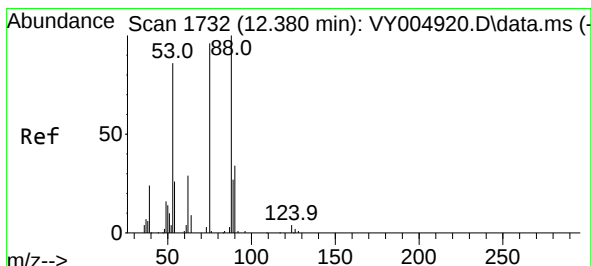
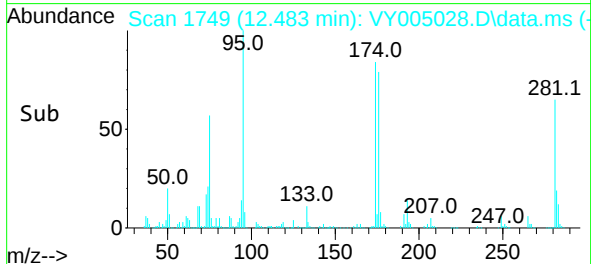
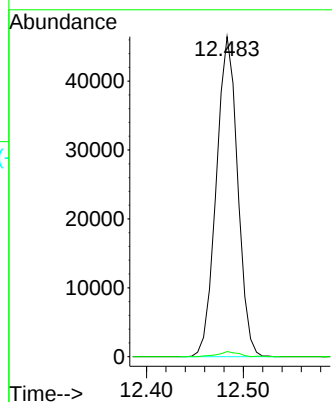
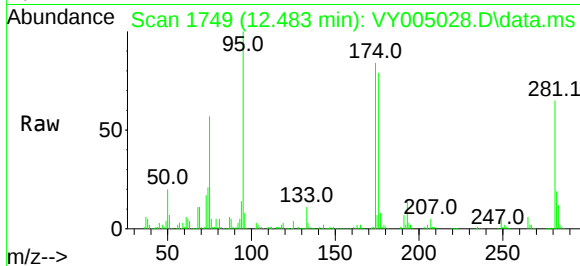




#76
1,2,3-Trichloropropane
Concen: 47.996 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71281
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.205 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005028.D
Acq: 08 Jun 2021 17:22

Tgt Ion: 75 Resp: 71281
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.7 35.0 52.6#

