

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005128.D
 Acq On : 11 Jun 2021 16:40
 Operator : SY/MD
 Sample : M2678-04RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0216-COMP-K(DISCRETE-CL-16)

Quant Time: Jun 12 00:36:59 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)

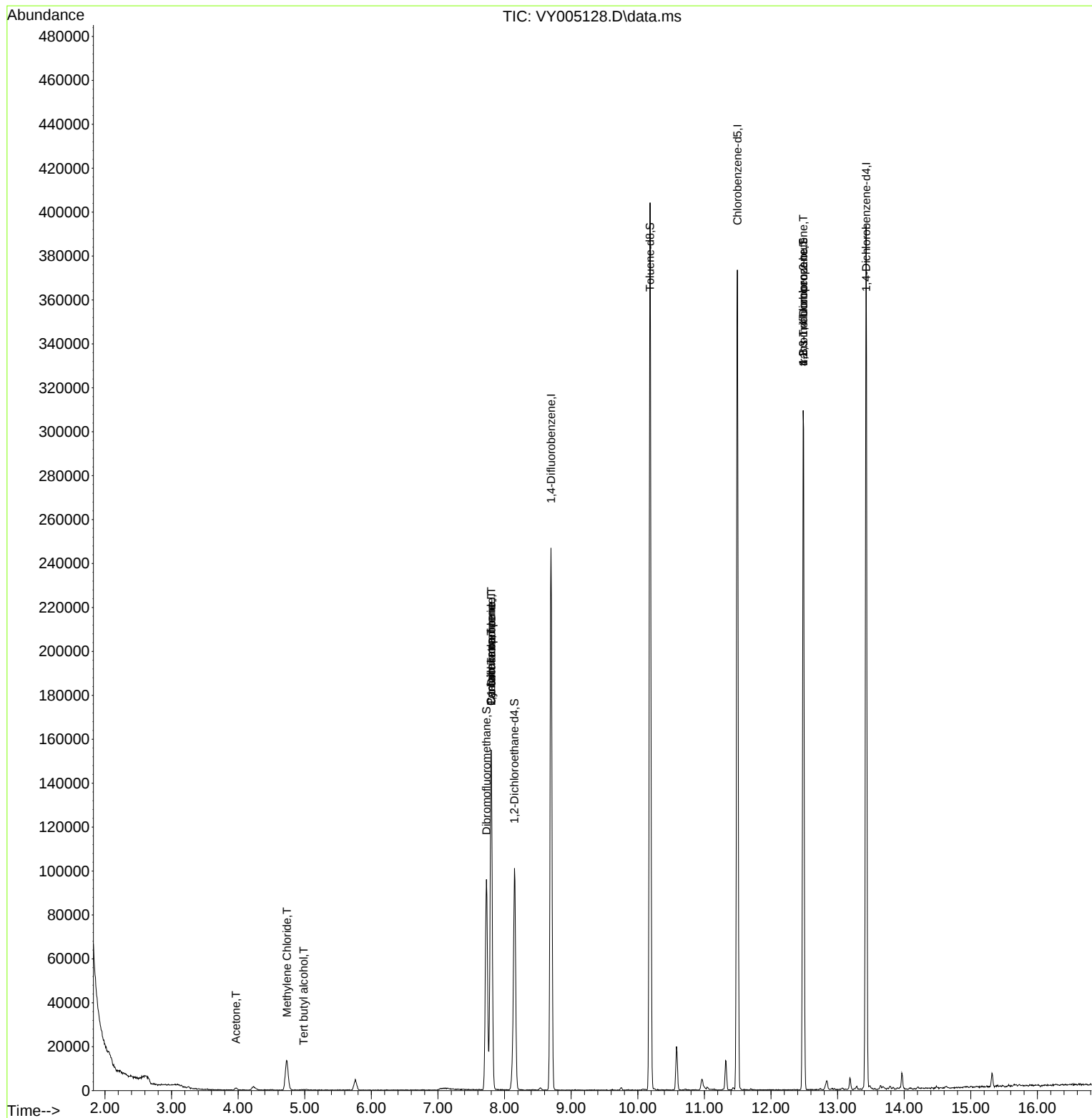
Internal Standards						
1) Pentafluorobenzene	7.801	168	119712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	207512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76326	60.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.62%	
35) Dibromofluoromethane	7.728	113	66811	58.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.74%	
50) Toluene-d8	10.185	98	259297	54.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.10%	
62) 4-Bromofluorobenzene	12.483	95	88218	53.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.92%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	322	2.21	ug/l #	74
16) Acetone	3.967	43	1436	4.71	ug/l	97
20) Methylene Chloride	4.735	84	10591	1.47	ug/l #	81
31) Cyclohexane	7.795	56	2523	1.13	ug/l #	2
36) 1,1-Dichloropropene	7.801	75	9711	4.66	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12443	6.87	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	47013	43.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47013	80.04	ug/l #	15

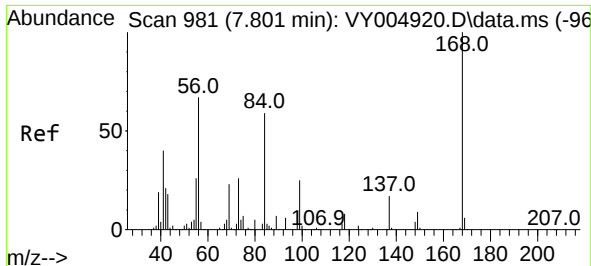
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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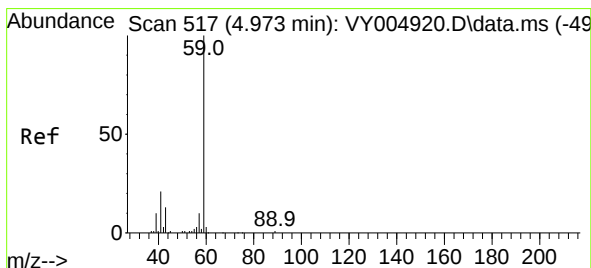
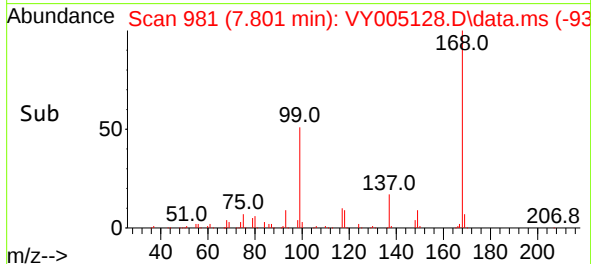
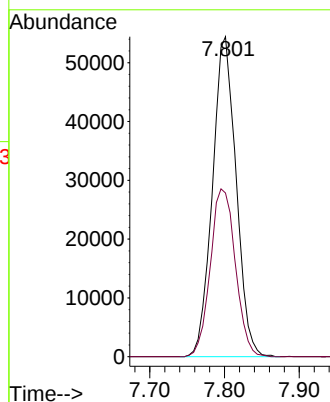
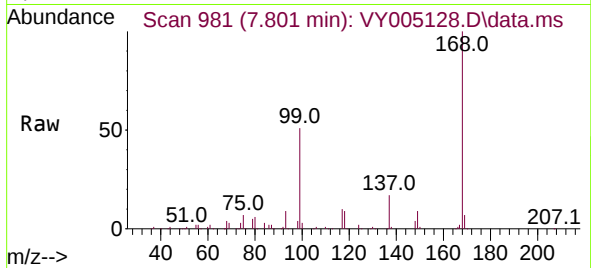




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

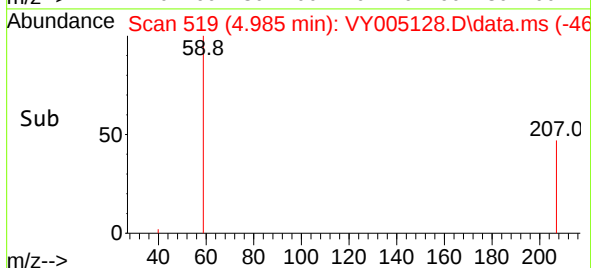
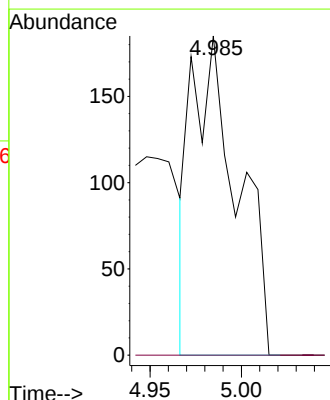
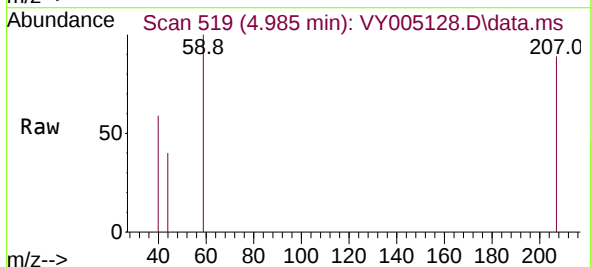
Instrument :
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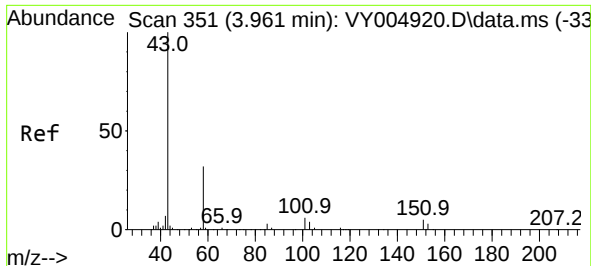
Tgt Ion:168 Resp: 119712
Ion Ratio Lower Upper
168 100
99 51.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.21 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

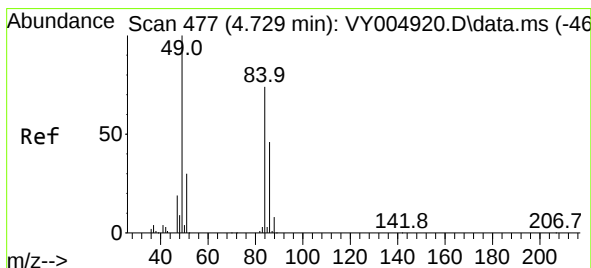
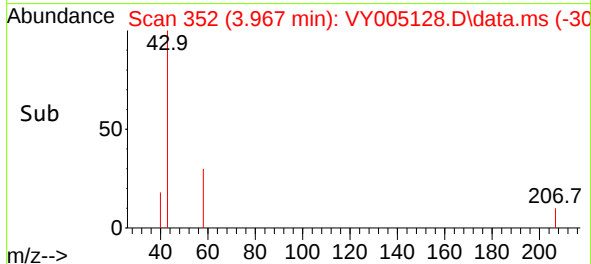
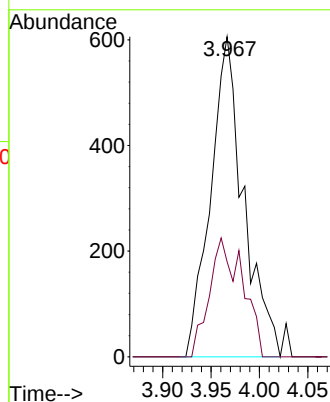
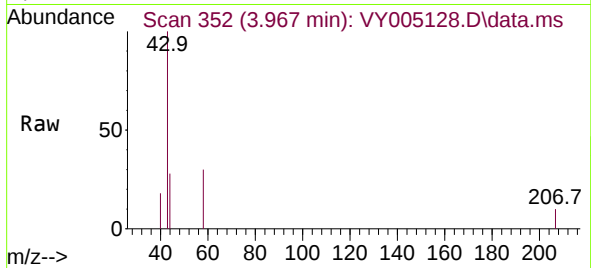




#16
Acetone
Concen: 4.71 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

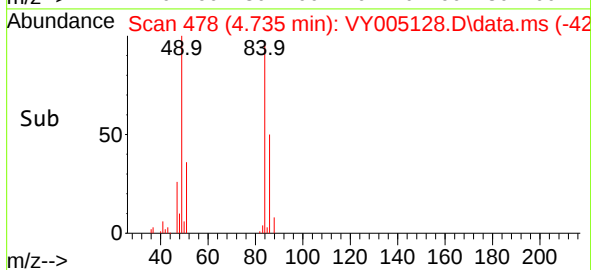
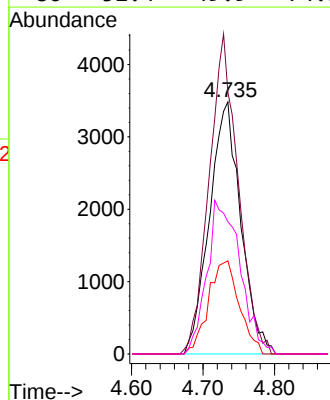
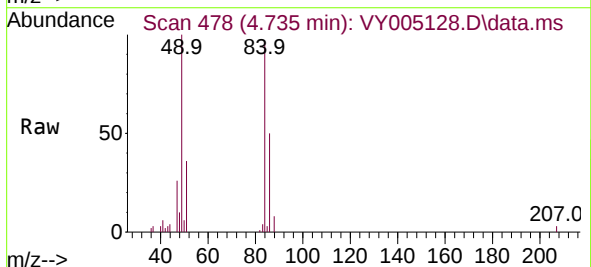
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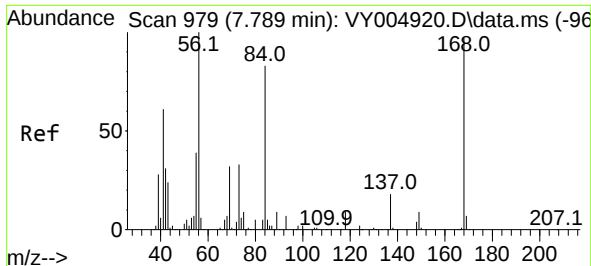
Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 29.7 25.3 37.9



#20
Methylene Chloride
Concen: 1.47 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Tgt Ion: 84 Resp: 10591
Ion Ratio Lower Upper
84 100
49 103.9 108.0 162.0#
51 37.0 32.6 48.8
86 52.4 49.9 74.9

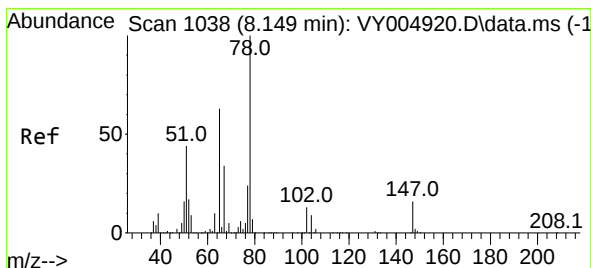
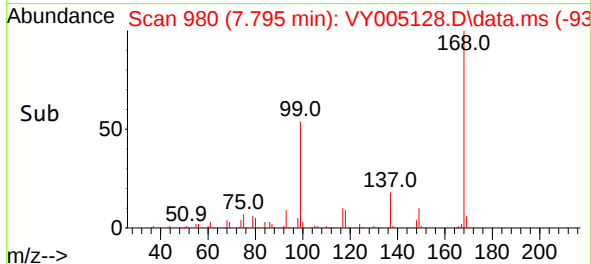
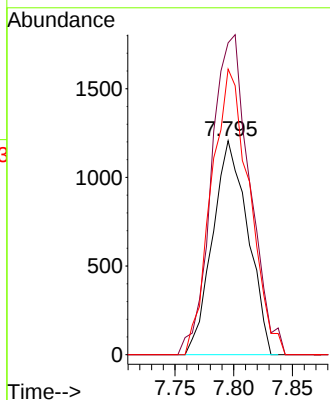
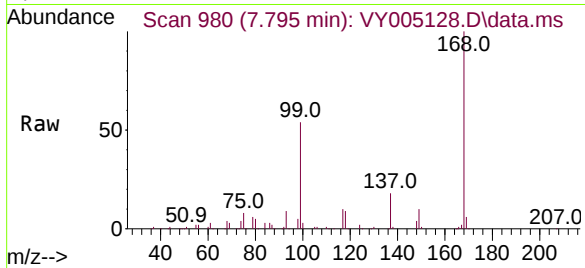




#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

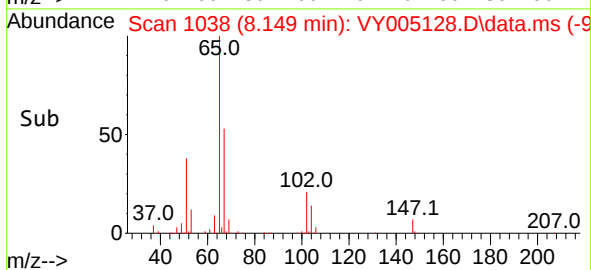
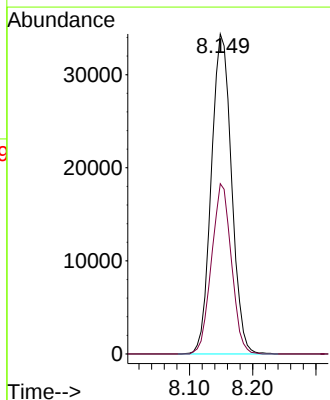
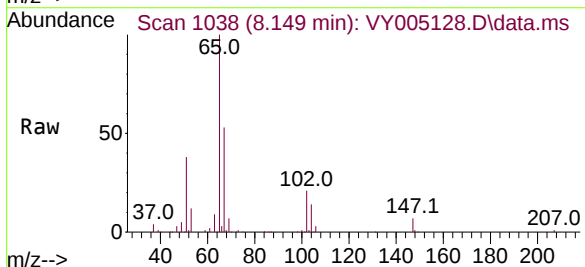
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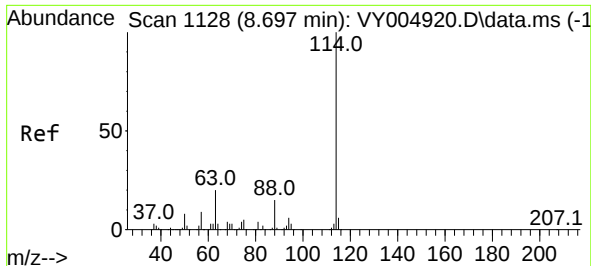
Tgt Ion: 56 Resp: 2523
Ion Ratio Lower Upper
56 100
69 145.7 25.3 37.9#
84 133.5 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 60.31 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Tgt Ion: 65 Resp: 76326
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.6

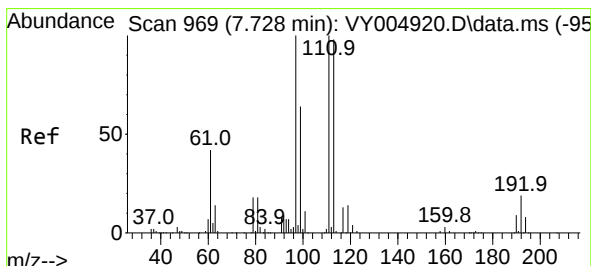
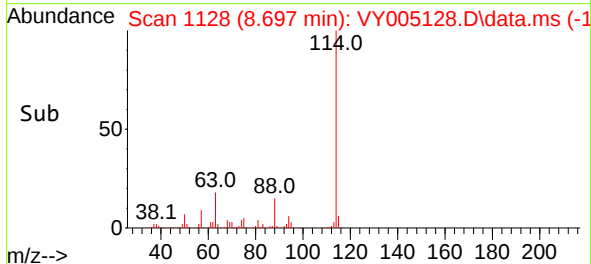
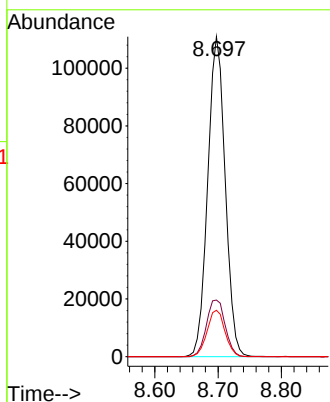
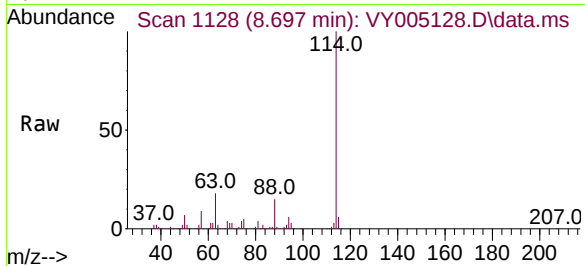




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

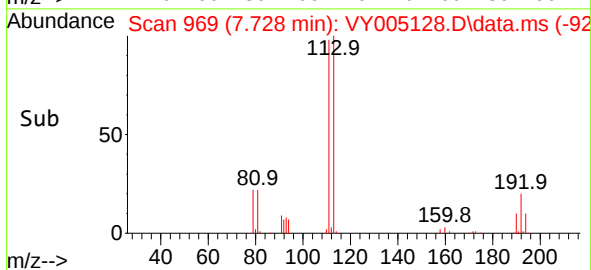
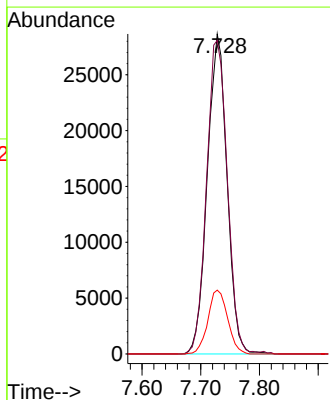
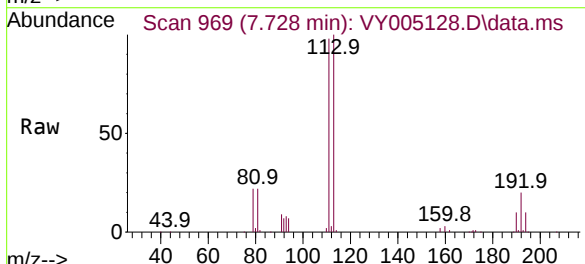
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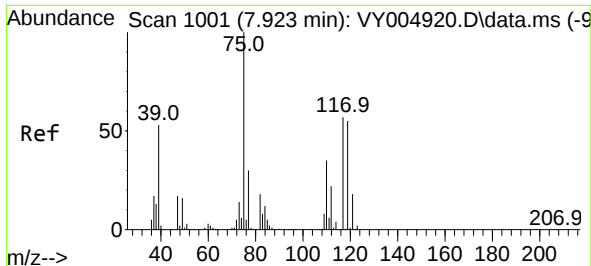
Tgt Ion:	114	Resp:	212751
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	41.0
88	14.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 58.37 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Tgt Ion:	113	Resp:	66811
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	20.0	15.3	22.9

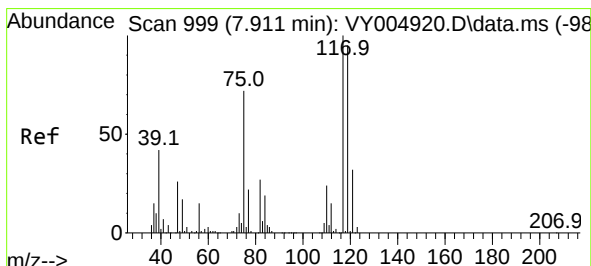
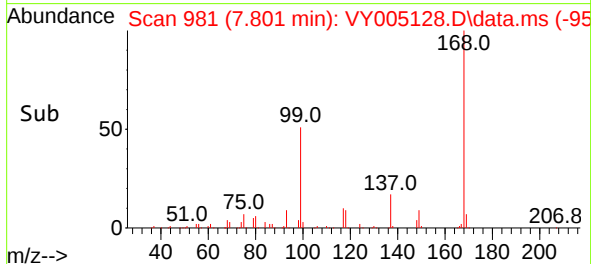
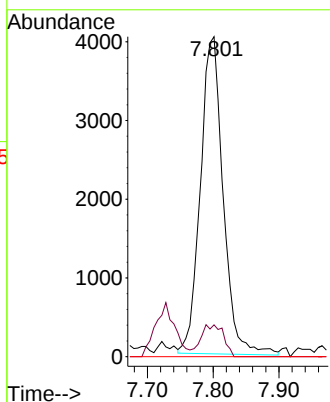
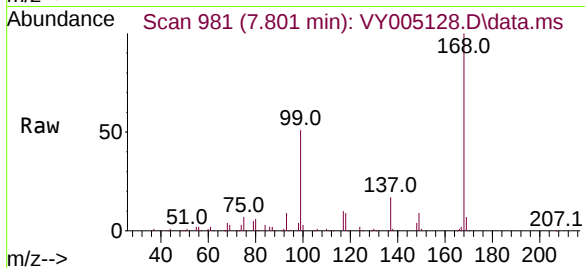




#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

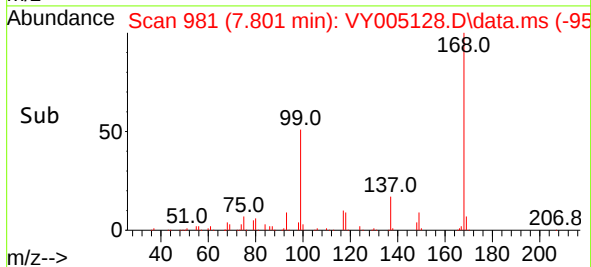
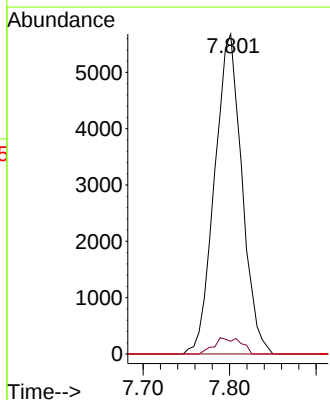
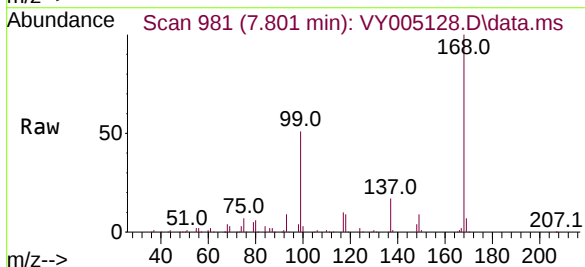
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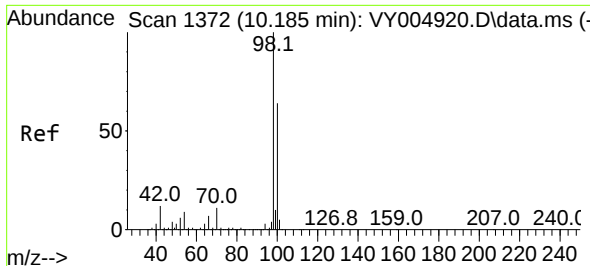
Tgt Ion:	75	Resp:	9711
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.5	52.5#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 6.87 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Tgt Ion:	117	Resp:	12443
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.1	114.1#
121	0.0	25.5	38.3#

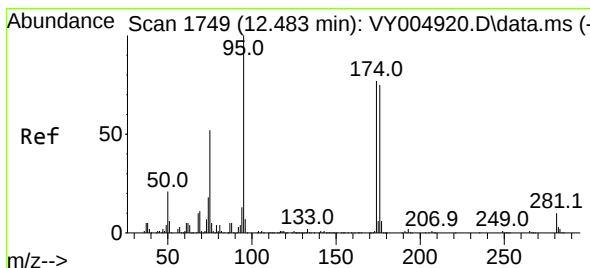
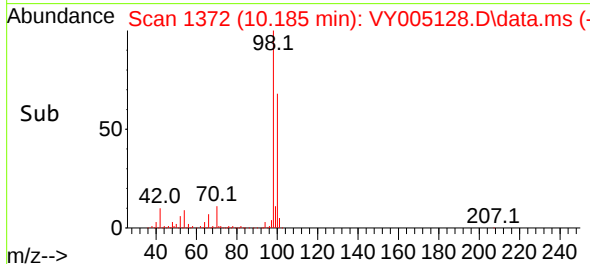
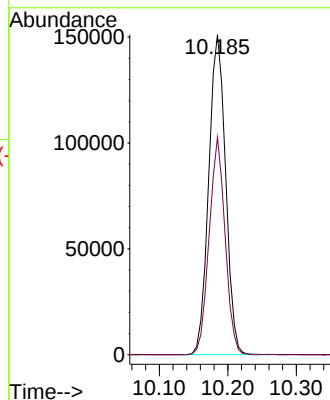
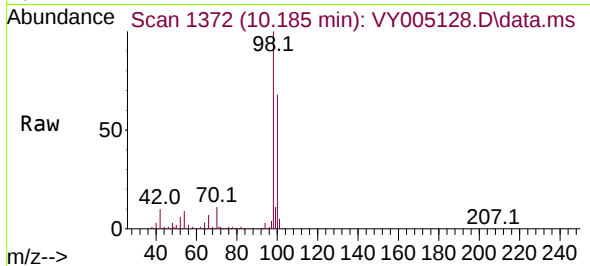




#50
Toluene-d8
Concen: 54.55 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

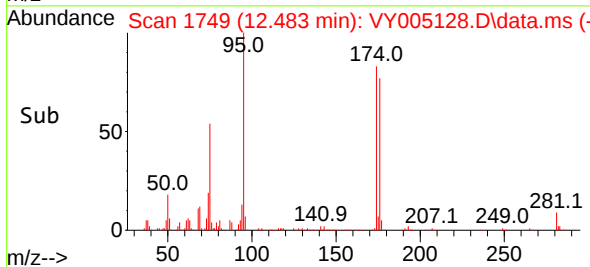
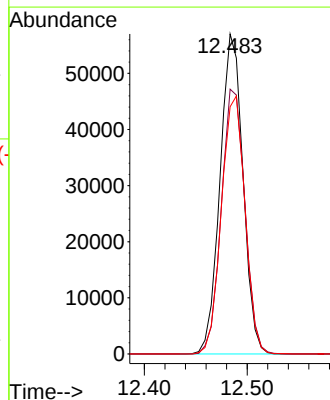
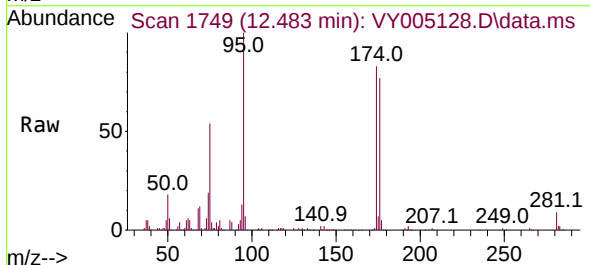
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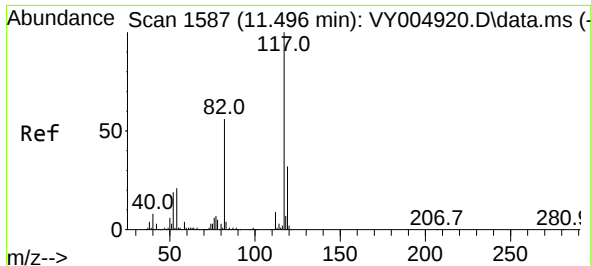
Tgt Ion: 98 Resp: 259297
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Tgt Ion: 95 Resp: 88218
Ion Ratio Lower Upper
95 100
174 84.8 0.0 160.8
176 83.0 0.0 155.6

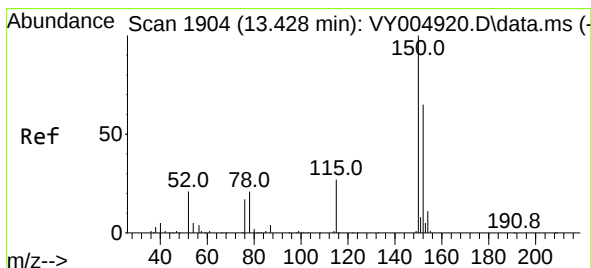
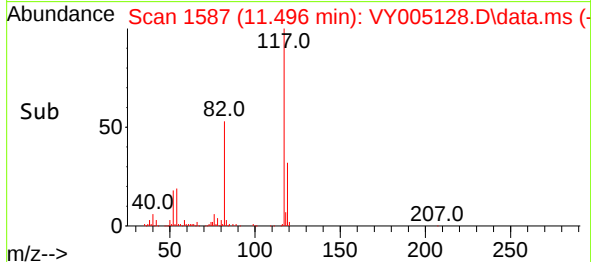
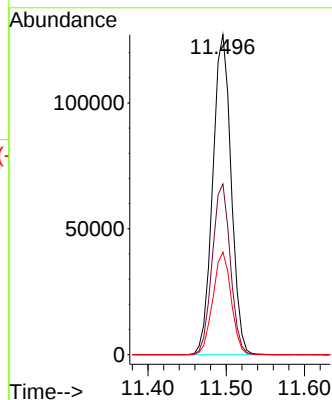
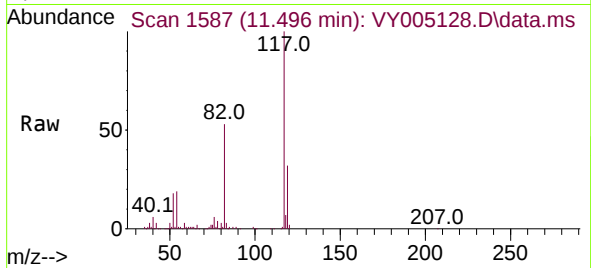




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

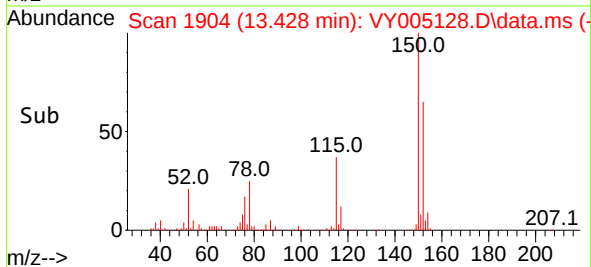
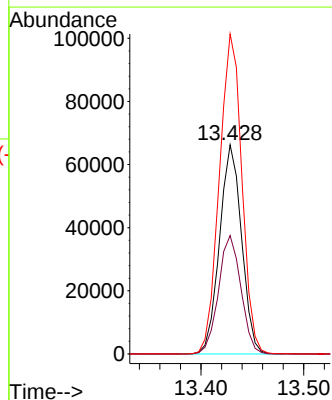
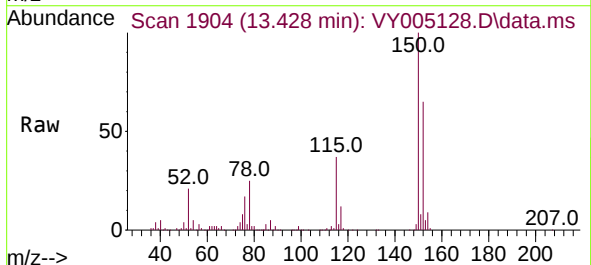
Instrument :
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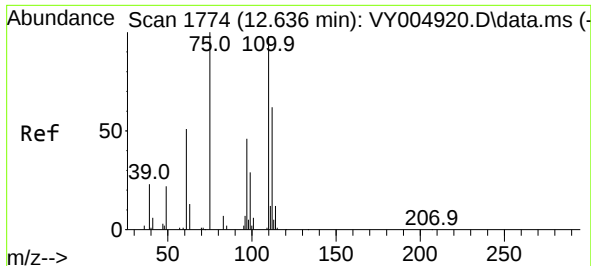
Tgt Ion:117 Resp: 207512
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Tgt Ion:152 Resp: 98469
Ion Ratio Lower Upper
152 100
115 57.5 29.9 89.7
150 156.0 0.0 347.8

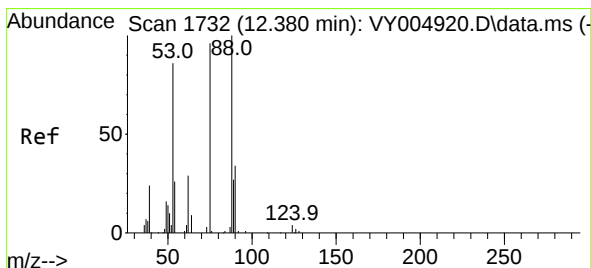
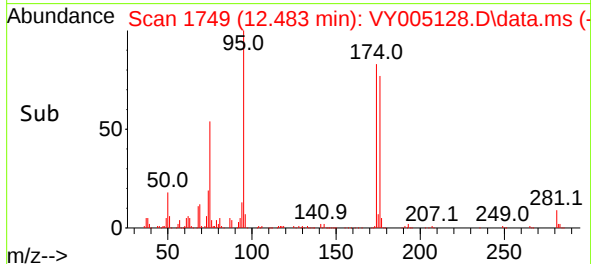
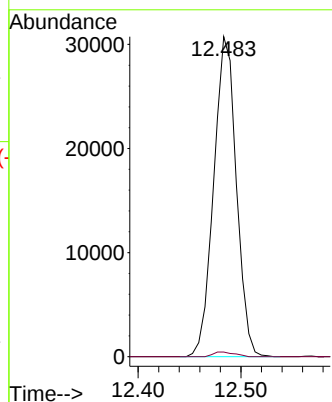
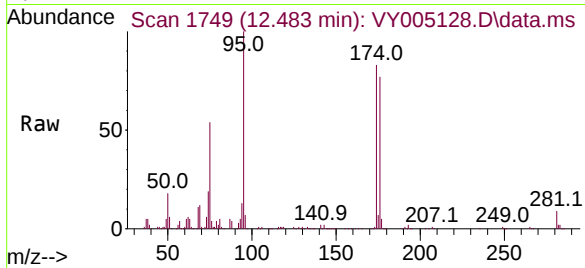




#76
1,2,3-Trichloropropane
Concen: 43.55 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Instrument :
MSVOA_Y
ClientSampleId :
0216-COMP-K(DISCRETE-CL-16)

Tgt Ion: 75 Resp: 47013
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005128.D
Acq: 11 Jun 2021 16:40

Tgt Ion: 75 Resp: 47013
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.0 35.0 52.6#

