

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005496.D
 Acq On : 28 Jul 2021 17:52
 Operator : SY/MD
 Sample : M3202-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-072721

Quant Time: Jul 29 05:34:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

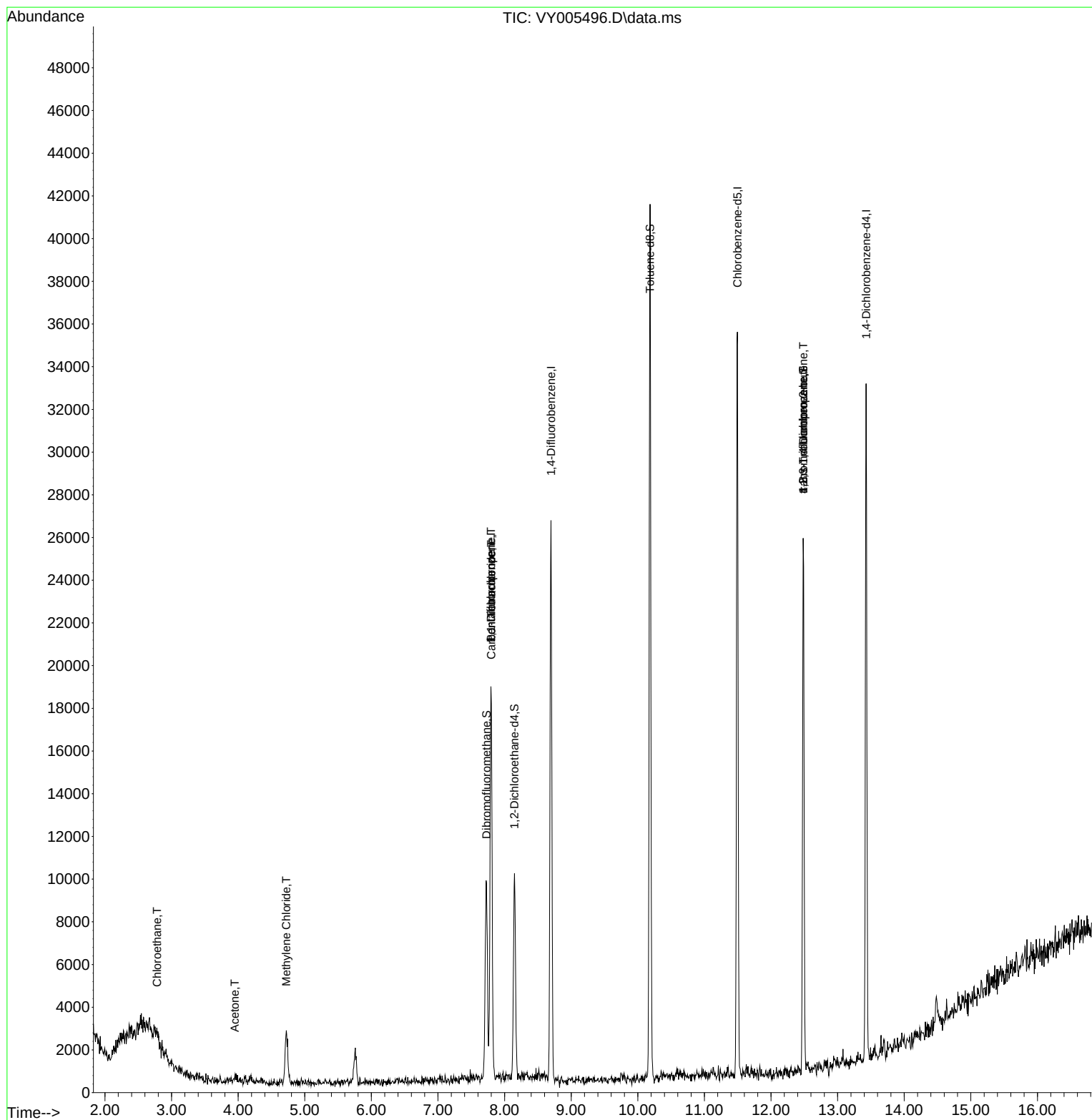
Internal Standards						
1) Pentafluorobenzene	7.795	168	14944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	21672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	18973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7702	48.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.728	113	6352	50.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.185	98	26452	49.874	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.483	95	7303	41.720	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.440%
Target Compounds						Qvalue
6) Chloroethane	2.784	64	300	2.418	ug/l #	42
16) Acetone	3.948	43	219	6.007	ug/l #	44
20) Methylene Chloride	4.722	84	1873	7.883	ug/l	96
36) 1,1-Dichloropropene	7.795	75	1065	5.082	ug/l #	46
38) Carbon Tetrachloride	7.801	117	1309	5.717	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3852	46.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3852	89.427	ug/l #	11

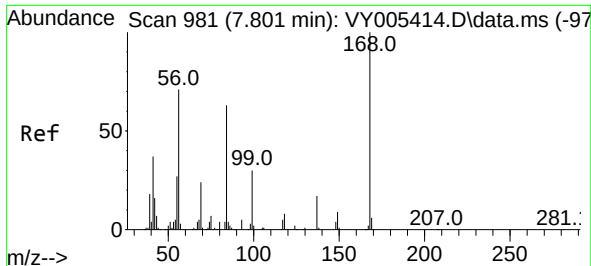
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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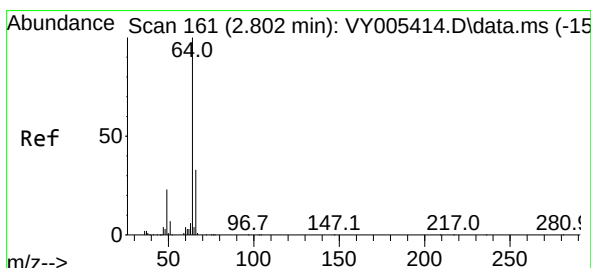
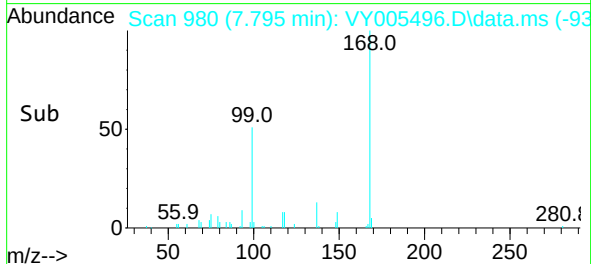
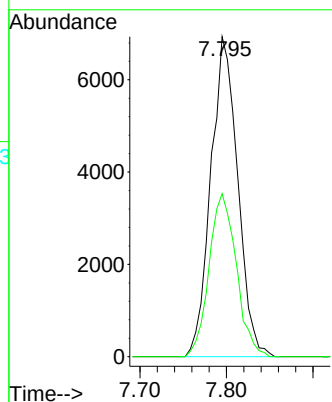
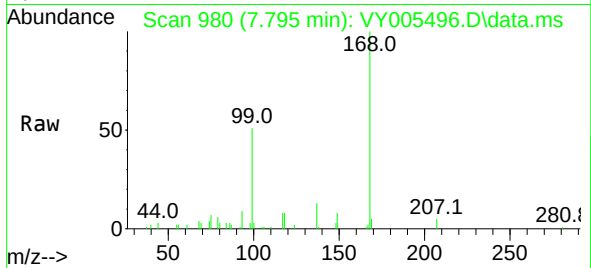




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

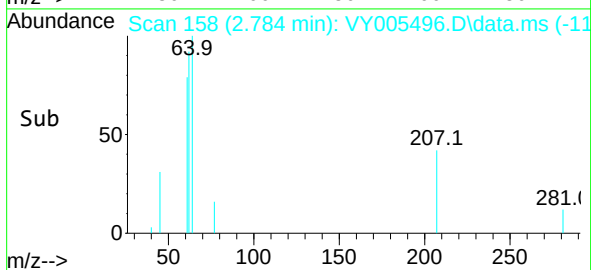
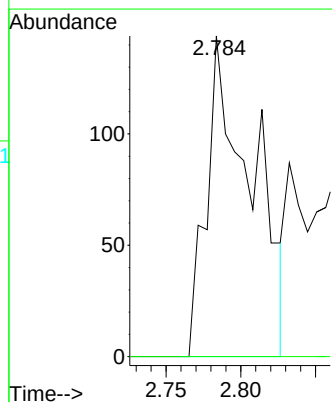
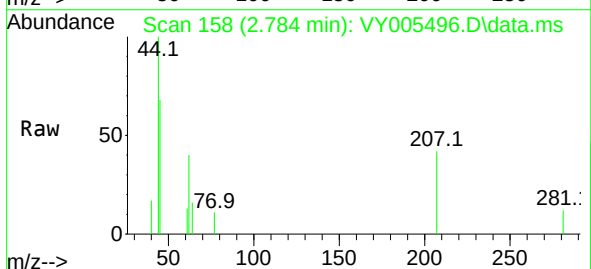
Instrument :
MSVOA_Y
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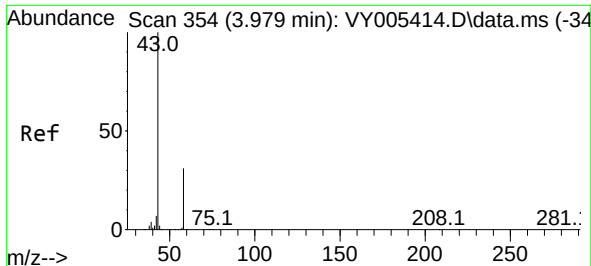
Tgt Ion:168 Resp: 14944
Ion Ratio Lower Upper
168 100
99 50.9 39.8 59.6



#6
Chloroethane
Concen: 2.418 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.018 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

Tgt Ion: 64 Resp: 300
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

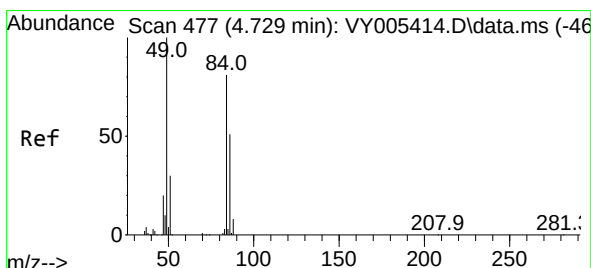
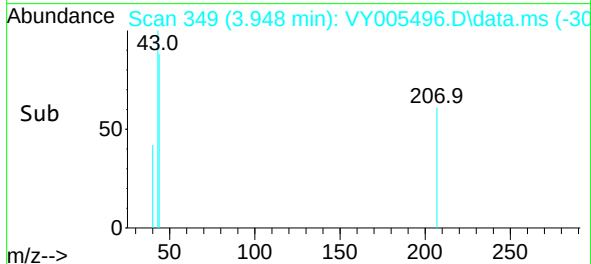
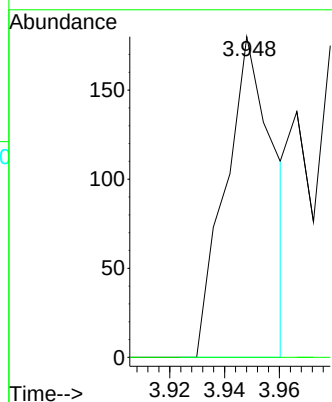
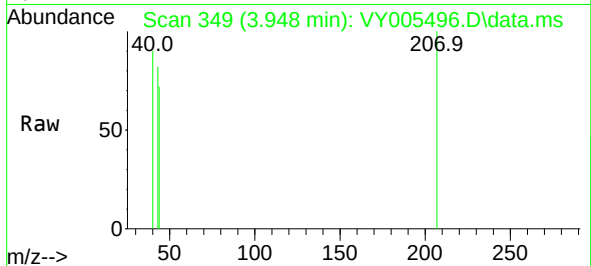




#16
Acetone
Concen: 6.007 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.031 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

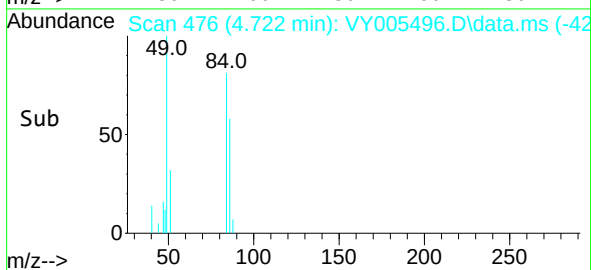
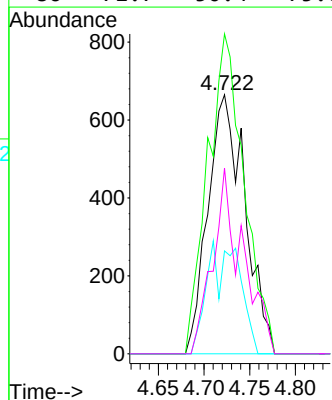
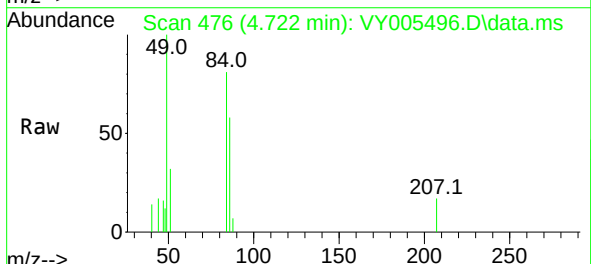
Instrument :
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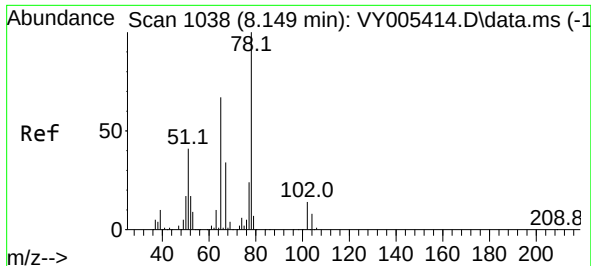
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#20
Methylene Chloride
Concen: 7.883 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

Tgt Ion: 84 Resp: 1873
Ion Ratio Lower Upper
84 100
49 123.5 98.9 148.3
51 39.7 30.0 45.0
86 71.7 50.4 75.6

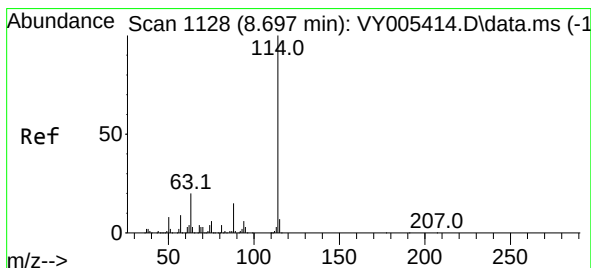
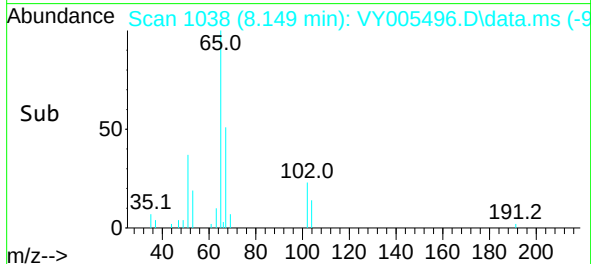
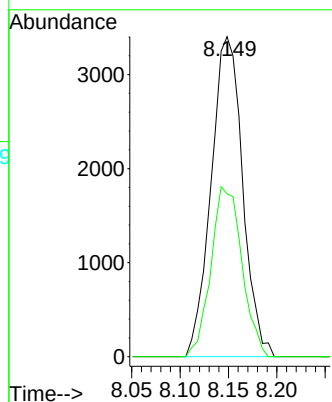
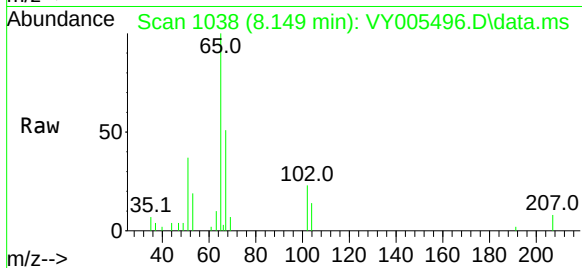




#33
1,2-Dichloroethane-d4
Concen: 48.242 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

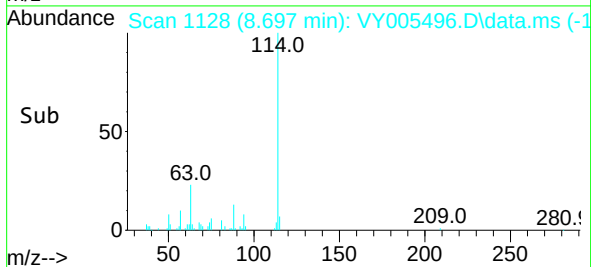
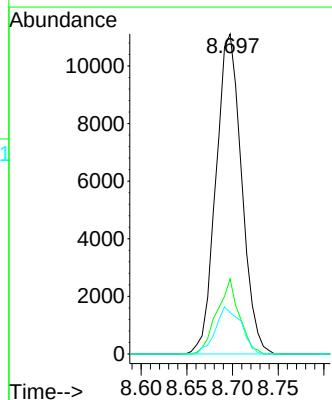
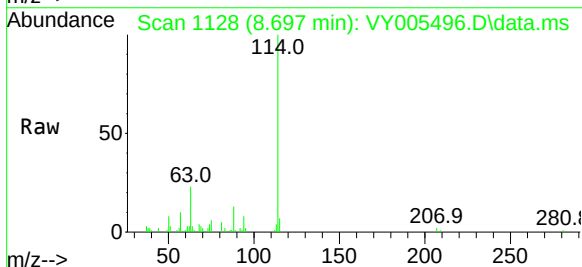
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-072721

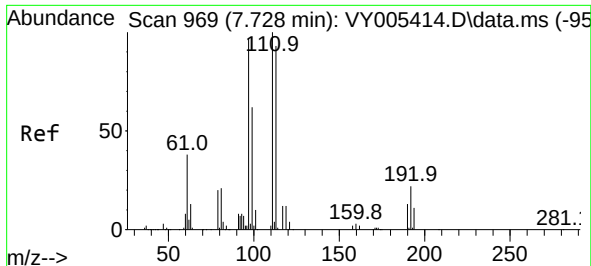
Tgt Ion: 65 Resp: 7702
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

Tgt Ion: 114 Resp: 21672
Ion Ratio Lower Upper
114 100
63 23.4 0.0 39.0
88 13.0 0.0 30.8

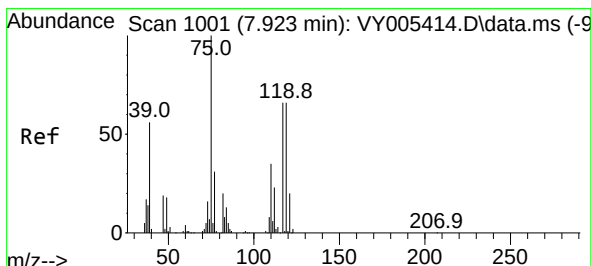
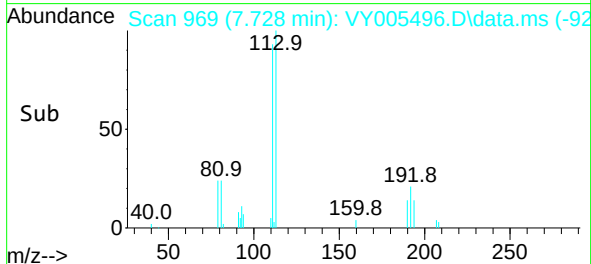
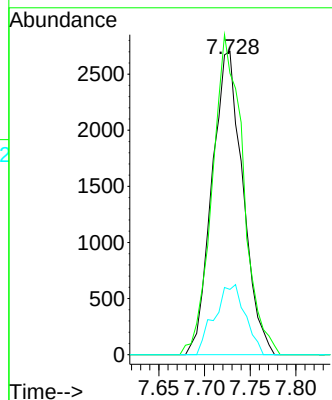
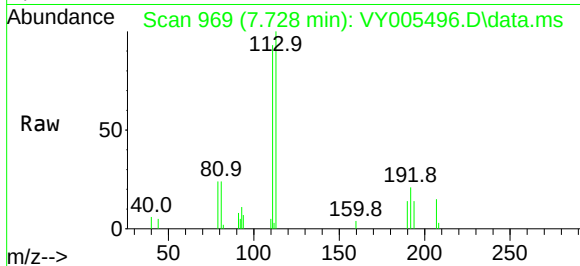




#35
Dibromofluoromethane
Concen: 50.761 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

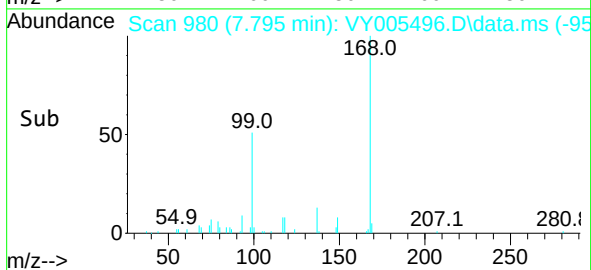
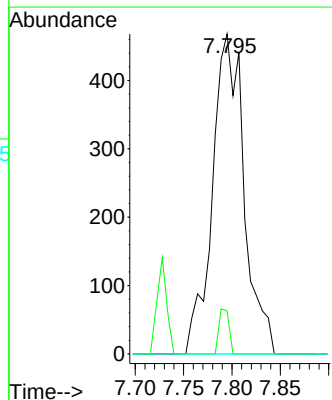
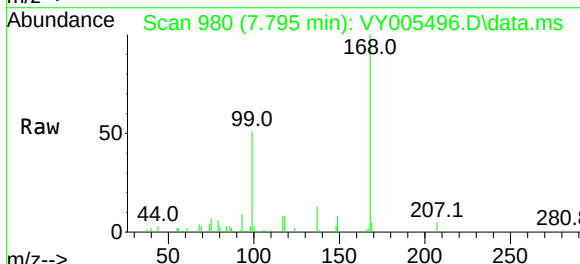
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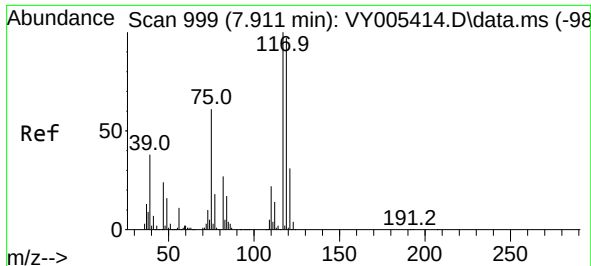
Tgt Ion:	113	Resp:	6352
Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.6	124.0
192	22.9	18.9	28.3



#36
1,1-Dichloropropene
Concen: 5.082 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

Tgt Ion:	75	Resp:	1065
Ion	Ratio	Lower	Upper
75	100		
110	4.4	17.6	52.9#
77	0.0	24.6	37.0#

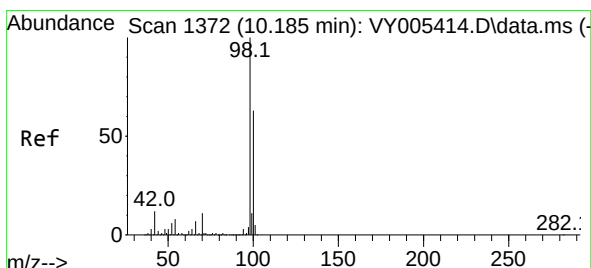
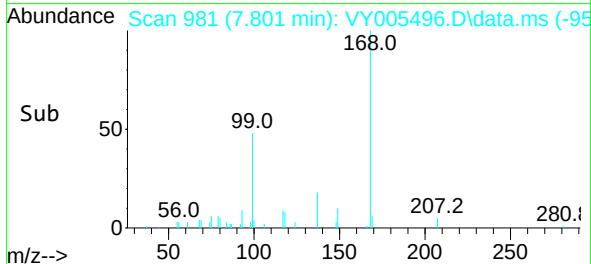
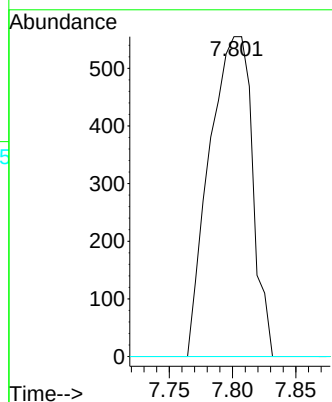
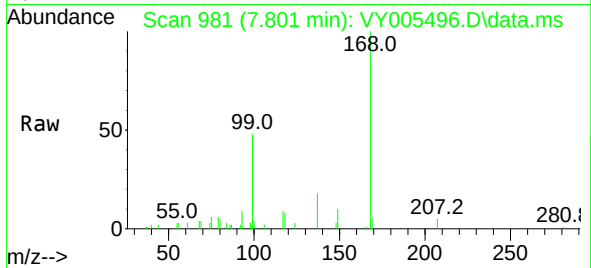




#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

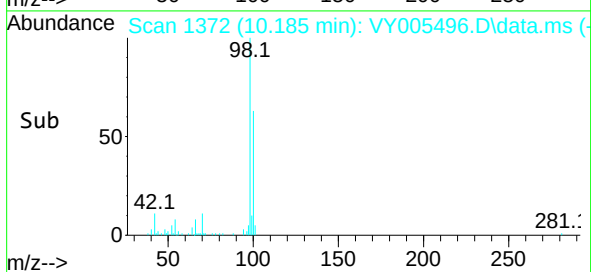
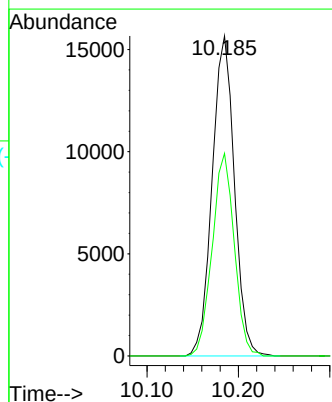
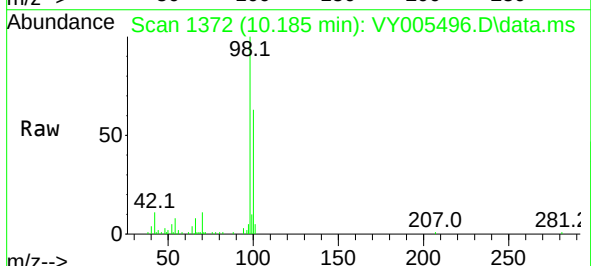
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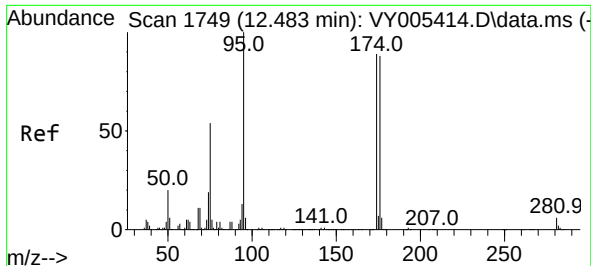
Tgt Ion:117 Resp: 1309
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 49.874 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

Tgt Ion: 98 Resp: 26452
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3

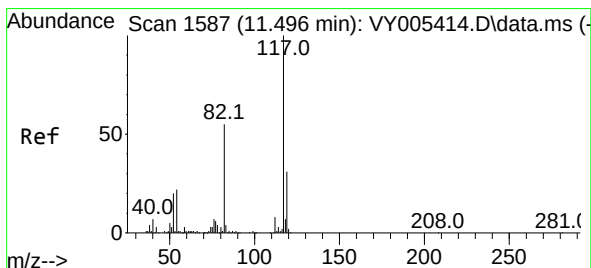
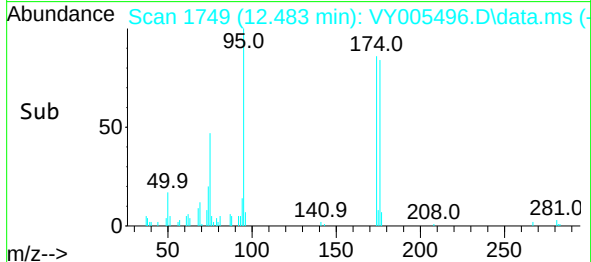
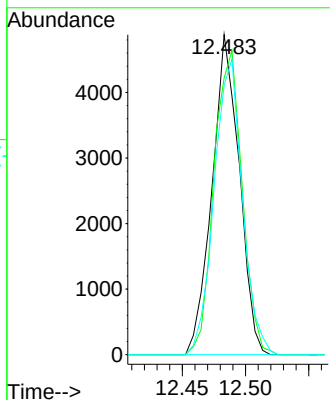
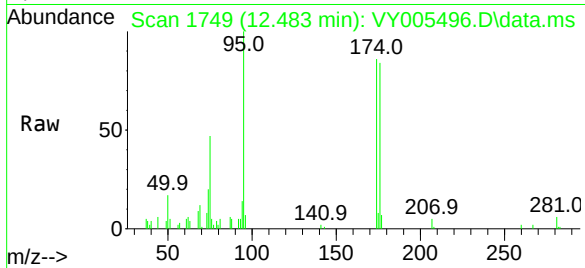




#62
4-Bromofluorobenzene
Concen: 41.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

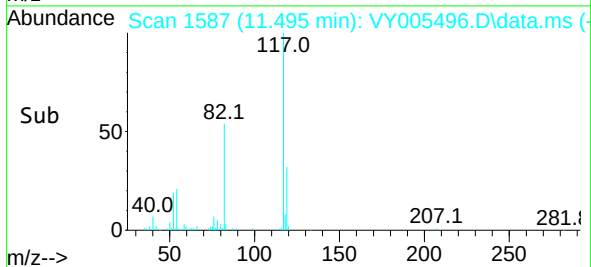
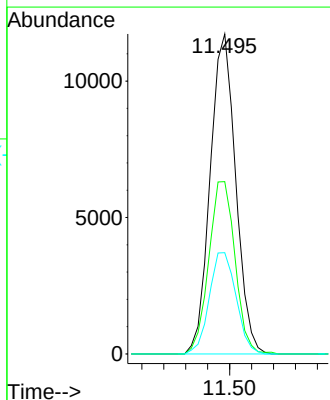
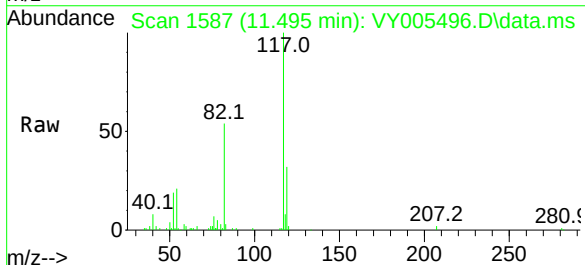
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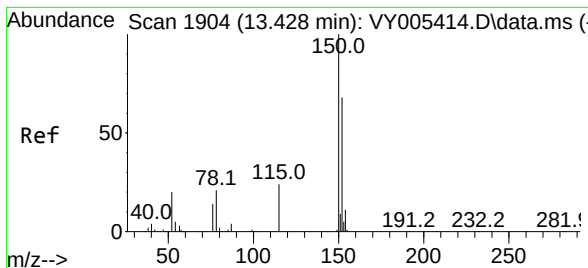
Tgt Ion:	95	Resp:	7303
Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	186.6
176	95.7	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

Tgt Ion:	117	Resp:	18973
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.6
119	31.7	24.8	37.2

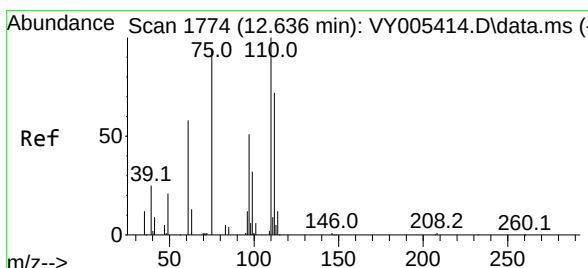
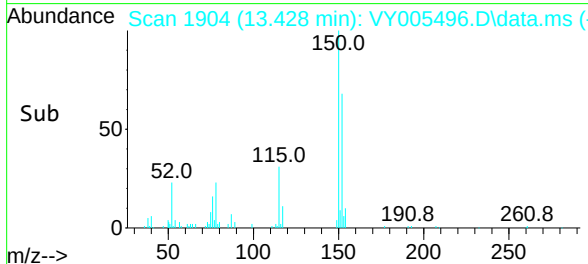
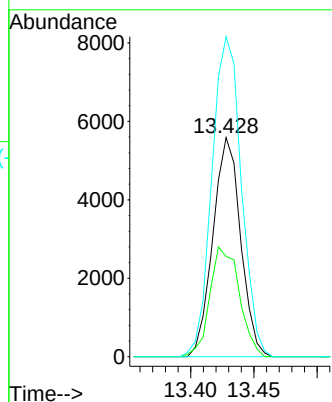
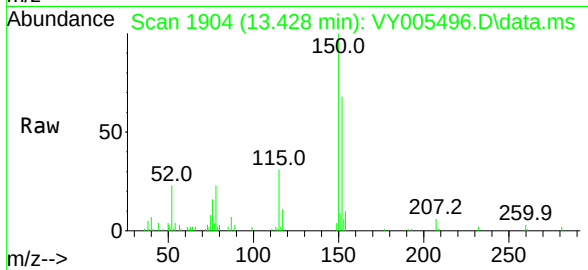




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

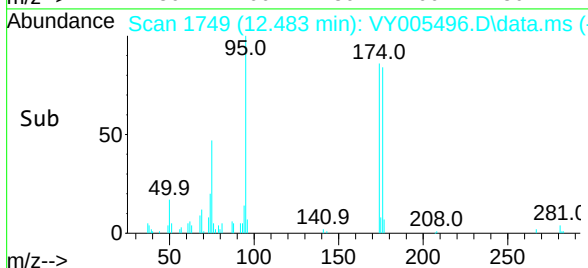
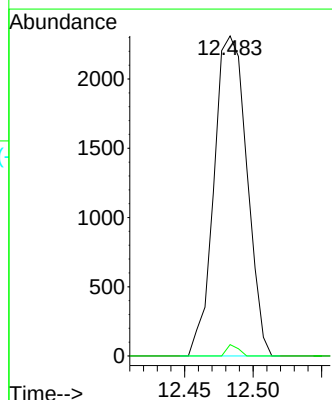
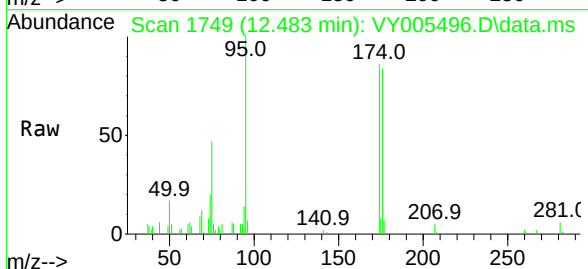
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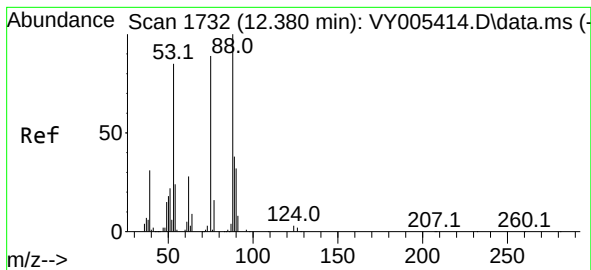
Tgt Ion:152 Resp: 8500
Ion Ratio Lower Upper
152 100
115 53.3 27.7 83.1
150 155.2 0.0 349.6



#76
1,2,3-Trichloropropane
Concen: 46.056 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005496.D
Acq: 28 Jul 2021 17:52

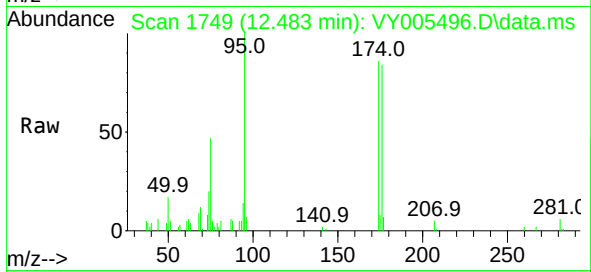
Tgt Ion: 75 Resp: 3852
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.427 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005496.D
 Acq: 28 Jul 2021 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-072721



Tgt Ion:	75	Resp:	3852
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.0	36.9	55.3#

