

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004258.D
 Acq On : 02 Apr 2021 13:29
 Operator : SY/MD
 Sample : M1836-05
 Misc : 6.87g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-0-2

Quant Time: Apr 02 22:59:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

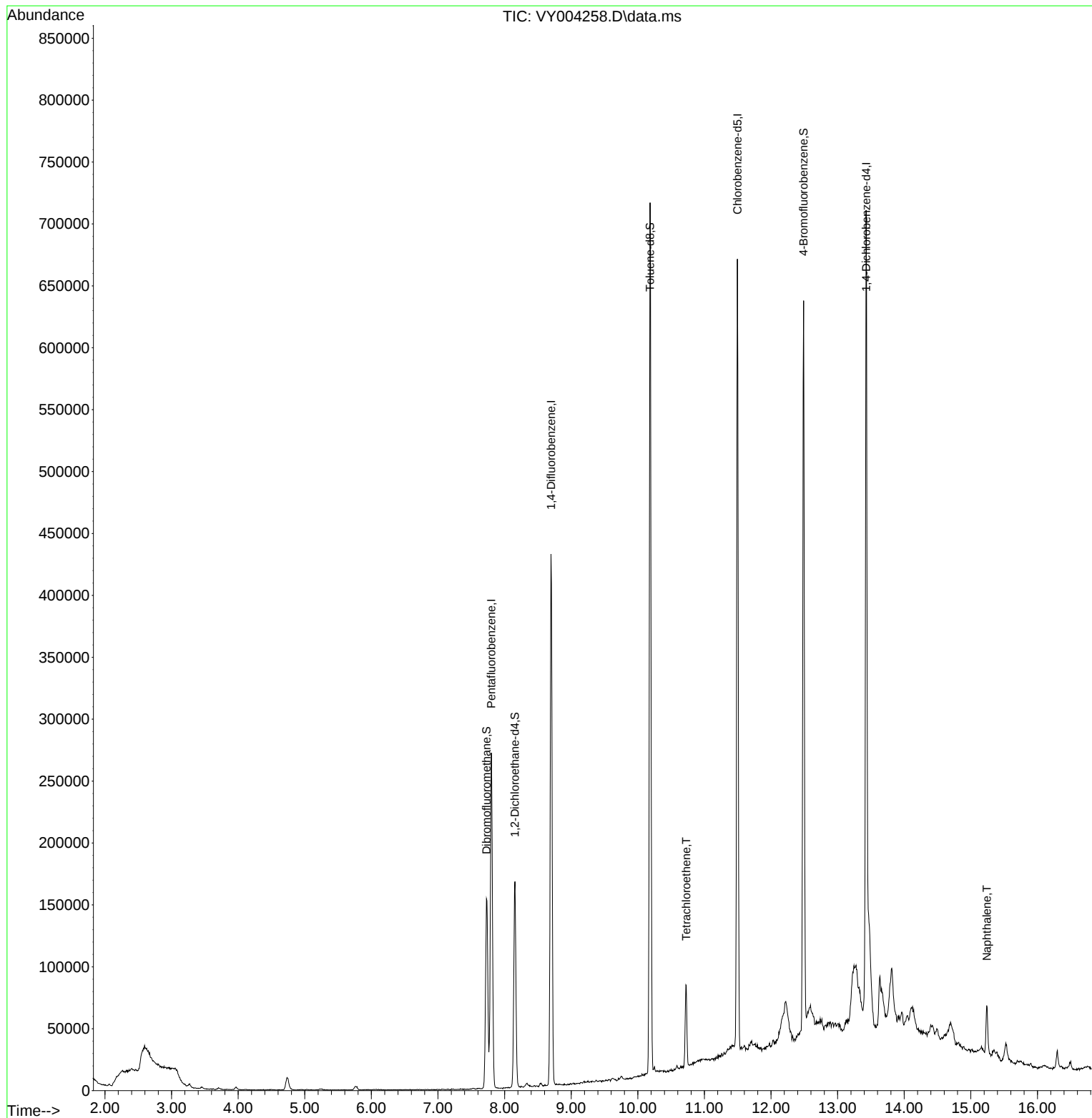
Internal Standards						
1) Pentafluorobenzene	7.801	168	204653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	330502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	127195	64.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.30%	
35) Dibromofluoromethane	7.728	113	109034	54.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.70%	
50) Toluene-d8	10.185	98	436544	58.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.78%	
62) 4-Bromofluorobenzene	12.489	95	148763	58.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.12%	
Target Compounds						
						Qvalue
64) Tetrachloroethene	10.727	164	14279	4.39	ug/l	98
95) Naphthalene	15.239	128	27408	4.24	ug/l	# 95

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

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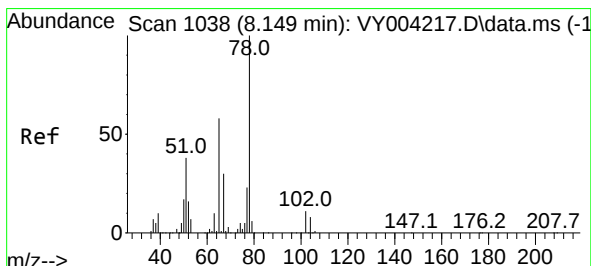
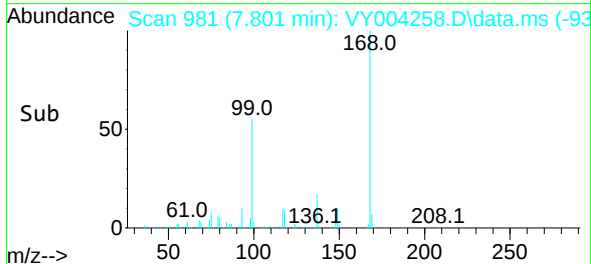
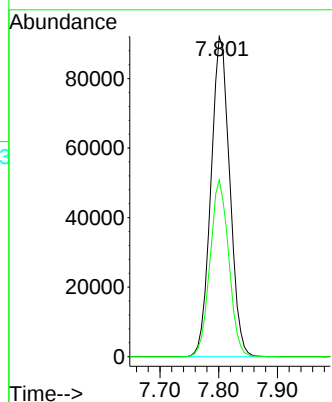
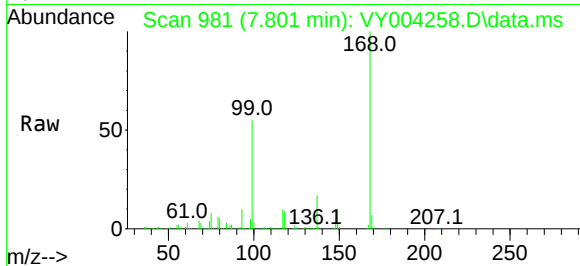




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

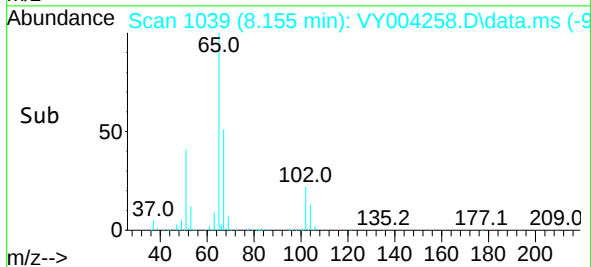
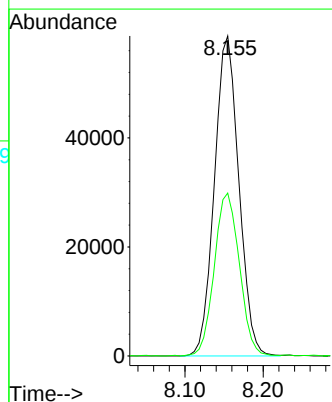
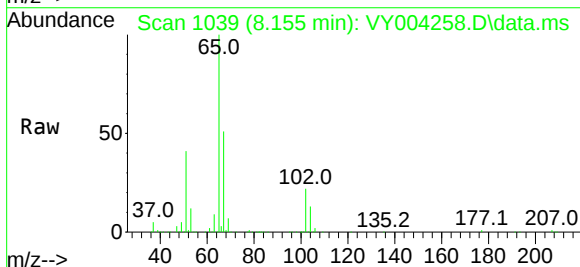
Instrument :
MSVOA_Y
ClientSampleId :
B3-0-2

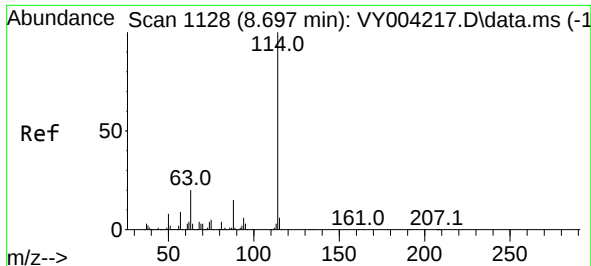
Tgt Ion:168 Resp: 204653
Ion Ratio Lower Upper
168 100
99 55.3 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 64.65 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

Tgt Ion: 65 Resp: 127195
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2

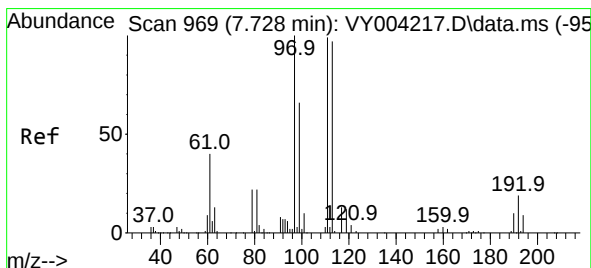
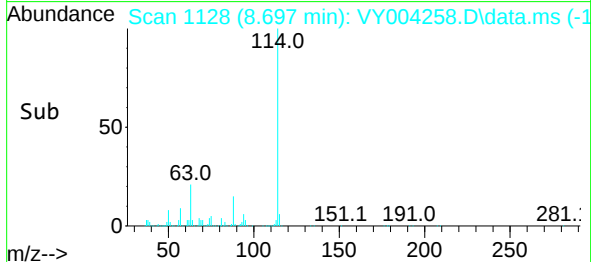
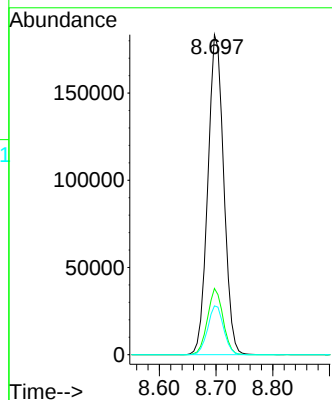
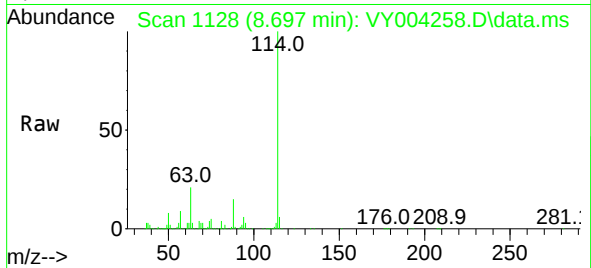




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

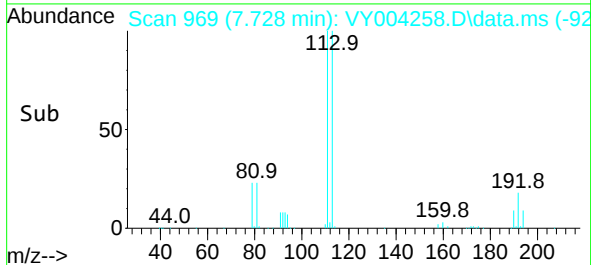
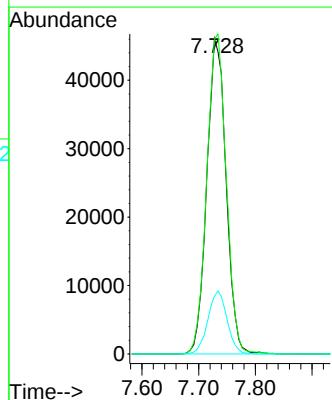
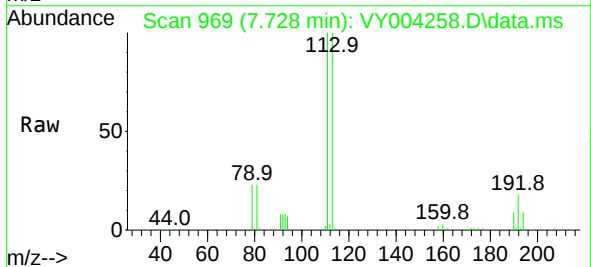
Instrument :
MSVOA_Y
ClientSampleId :
B3-0-2

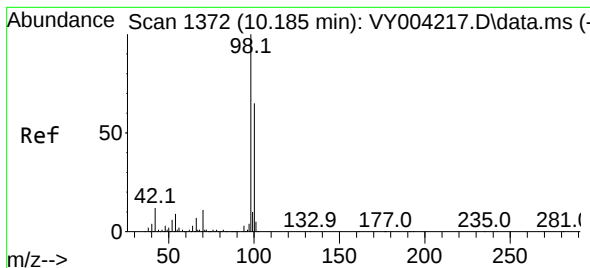
Tgt Ion:114 Resp: 356753
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.4
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.85 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

Tgt Ion:113 Resp: 109034
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.8 16.4 24.6

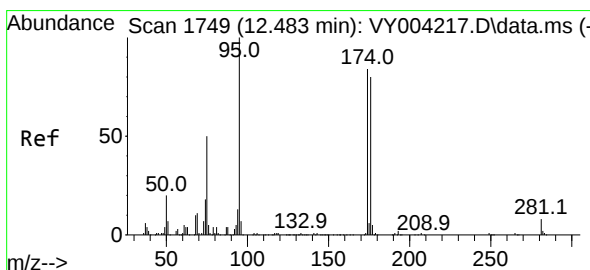
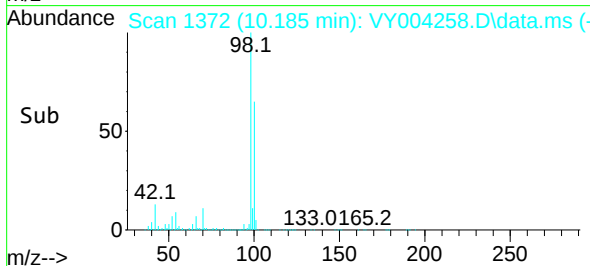
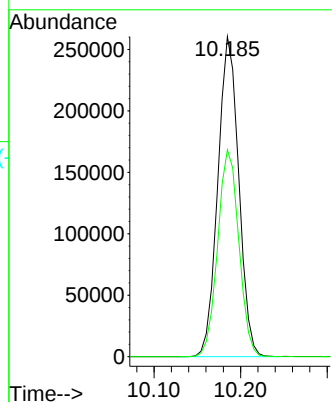
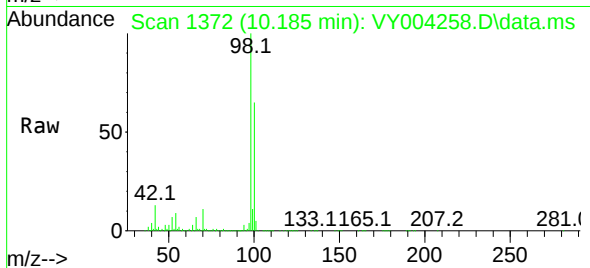




#50
Toluene-d8
Concen: 58.39 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

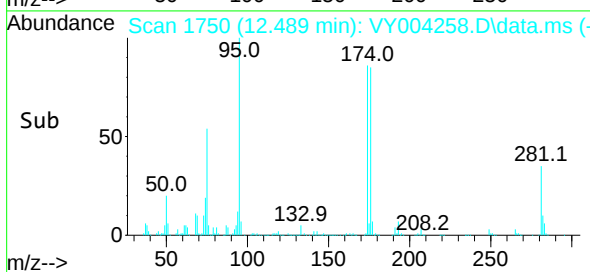
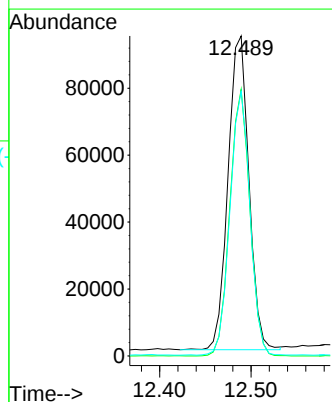
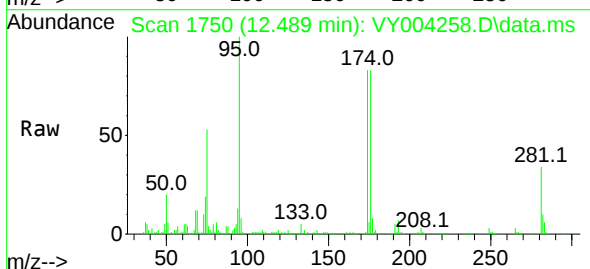
Instrument :
MSVOA_Y
ClientSampleId :
B3-0-2

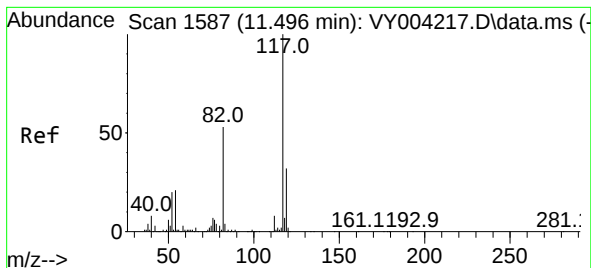
Tgt Ion: 98 Resp: 436544
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 58.06 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

Tgt Ion: 95 Resp: 148763
Ion Ratio Lower Upper
95 100
174 81.6 0.0 171.4
176 80.4 0.0 165.6

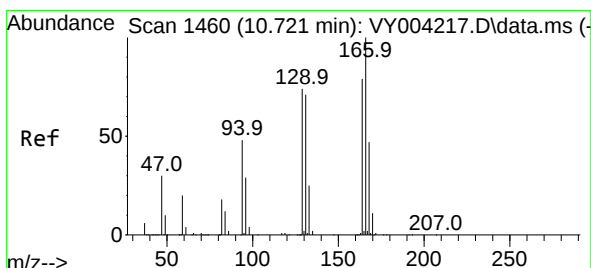
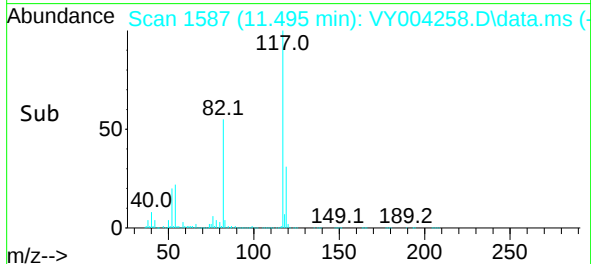
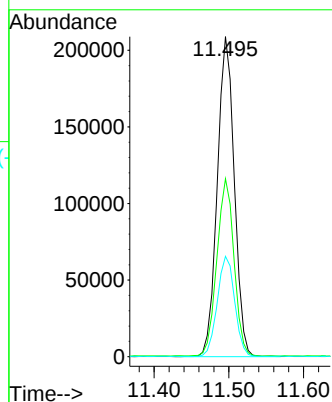
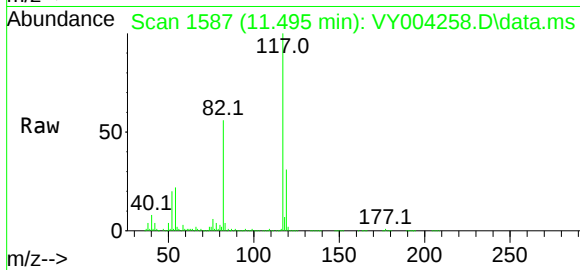




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

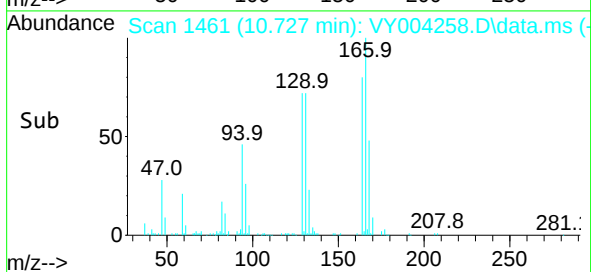
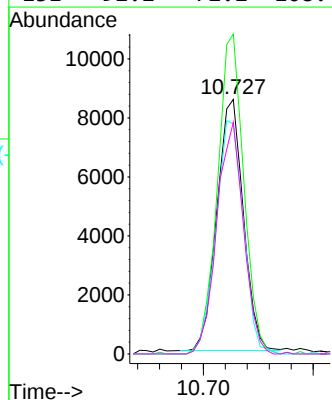
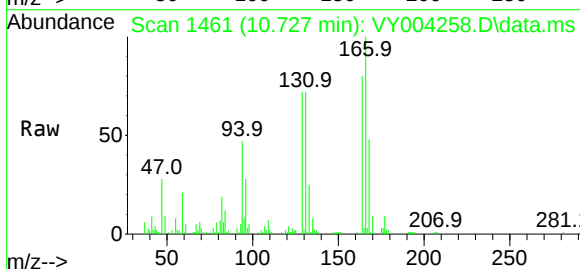
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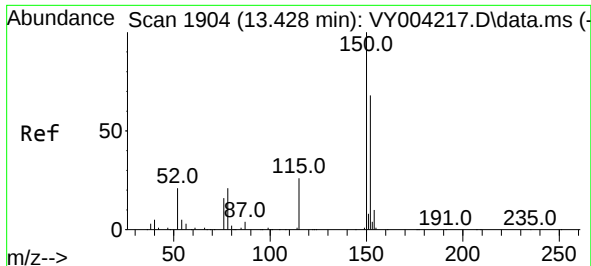
Tgt Ion:	117	Resp:	330502
Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.7	64.1
119	31.3	25.7	38.5



#64
Tetrachloroethene
Concen: 4.39 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

Tgt Ion:	164	Resp:	14279
Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.3	151.9
129	91.6	75.3	112.9
131	92.2	72.2	108.4

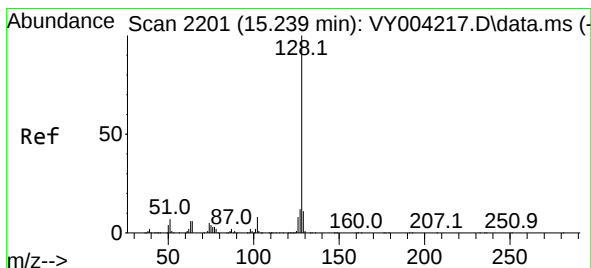
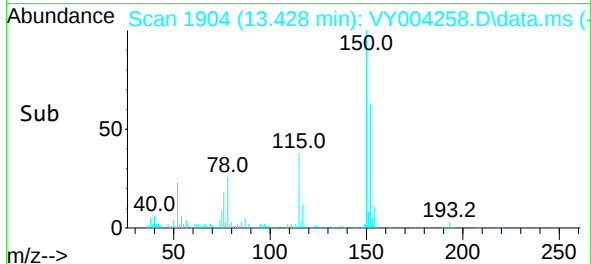
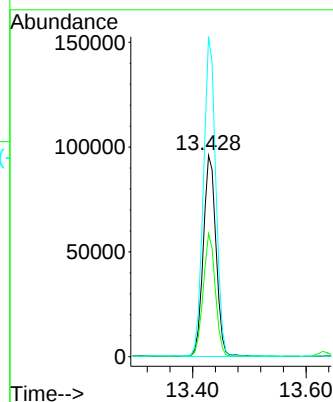
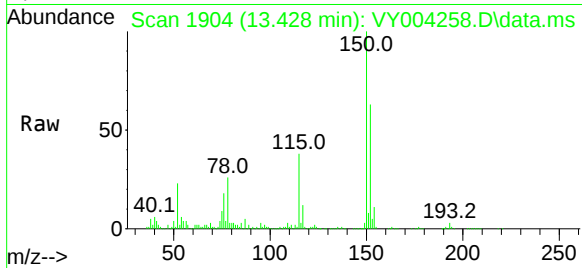




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

Instrument :
MSVOA_Y
ClientSampleId :
B3-0-2

Tgt Ion:152 Resp: 149740
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.1
150 153.6 0.0 347.4



#95
Naphthalene
Concen: 4.24 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004258.D
Acq: 02 Apr 2021 13:29

Tgt Ion:128 Resp: 27408
Ion Ratio Lower Upper
128 100
127 14.0 10.1 15.1
129 13.5 8.9 13.3#

