

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004260.D
 Acq On : 02 Apr 2021 14:15
 Operator : SY/MD
 Sample : M1889-01
 Misc : 9.87g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-(0-4)

Quant Time: Apr 02 23:00:06 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)

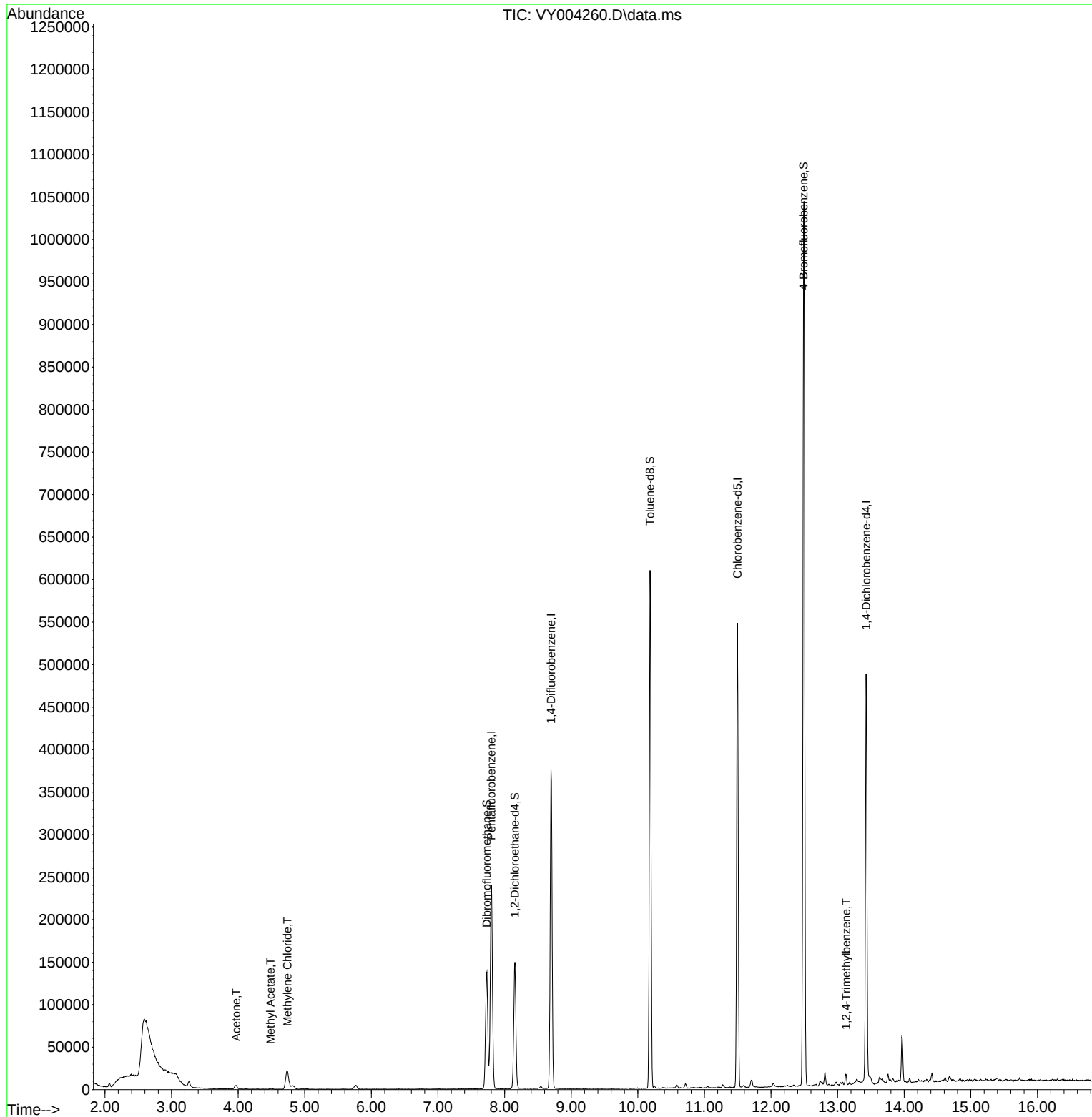
Internal Standards						
1) Pentafluorobenzene	7.801	168	186194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	115683	64.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.26%	
35) Dibromofluoromethane	7.734	113	97104	55.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.72%	
50) Toluene-d8	10.185	98	384732	58.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.64%	
62) 4-Bromofluorobenzene	12.489	95	126111	55.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.56%	
Target Compounds						
16) Acetone	3.973	43	7776	20.85	ug/l	97
18) Methyl Acetate	4.485	43	1740	1.46	ug/l #	84
20) Methylene Chloride	4.741	84	16668	6.95	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	7411	1.04	ug/l	94

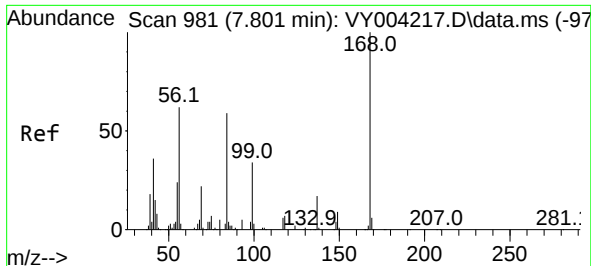
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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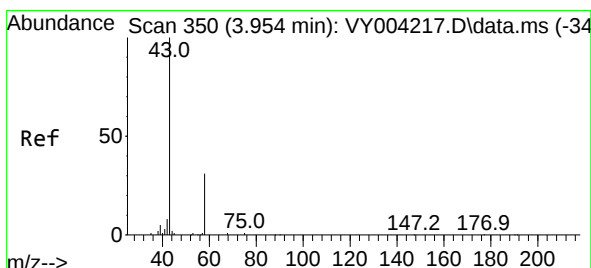
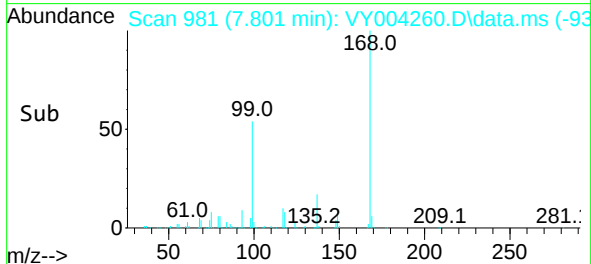
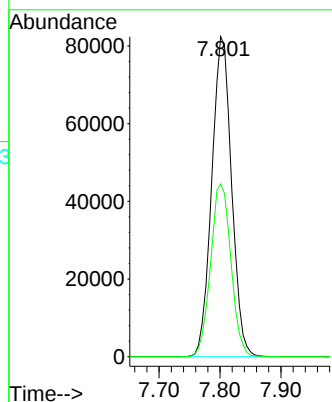
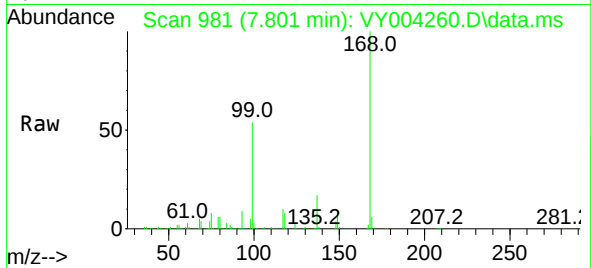




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004260.D
Acq: 02 Apr 2021 14:15

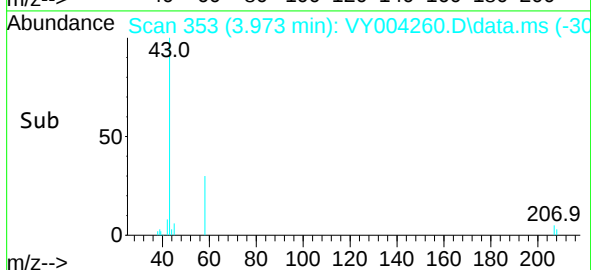
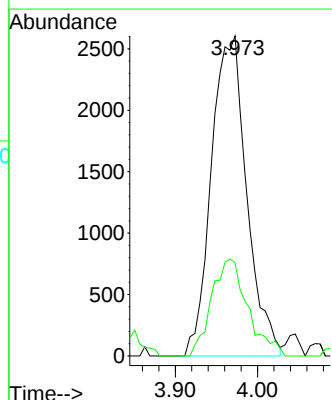
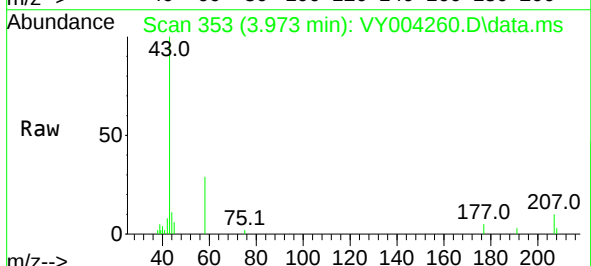
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-(0-4)

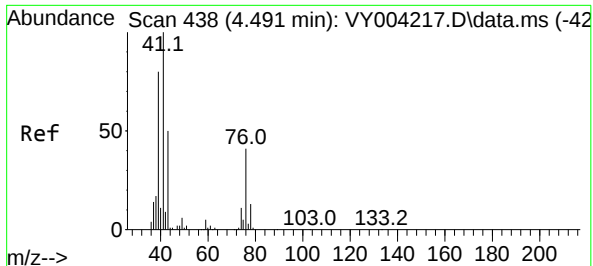
Tgt Ion:168 Resp: 186194
Ion Ratio Lower Upper
168 100
99 54.0 42.6 64.0



#16
Acetone
Concen: 20.85 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY004260.D
Acq: 02 Apr 2021 14:15

Tgt Ion: 43 Resp: 7776
Ion Ratio Lower Upper
43 100
58 29.1 24.5 36.7





#18

Methyl Acetate

Concen: 1.46 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY004260.D

Acq: 02 Apr 2021 14:15

Tgt Ion: 43 Resp: 1740

Ion Ratio Lower Upper

43 100

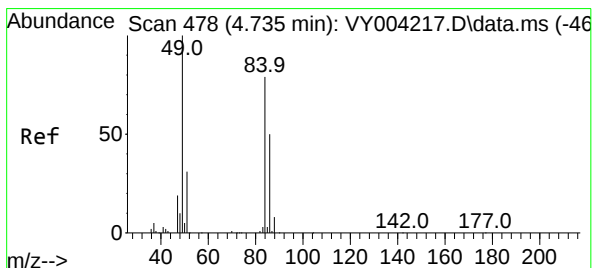
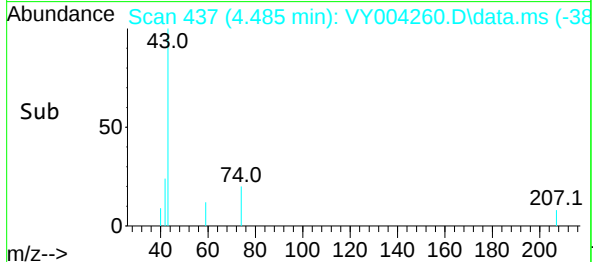
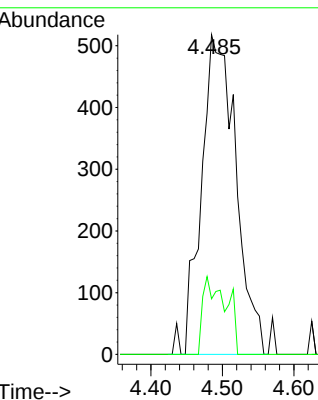
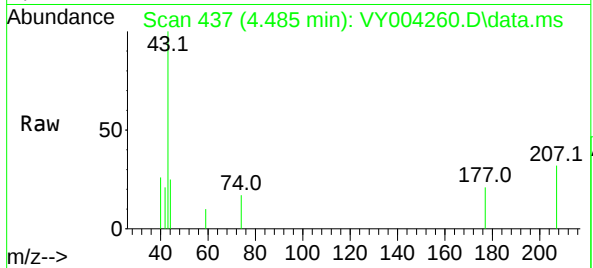
74 16.2 19.1 28.7#

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-(0-4)



#20

Methylene Chloride

Concen: 6.95 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY004260.D

Acq: 02 Apr 2021 14:15

Tgt Ion: 84 Resp: 16668

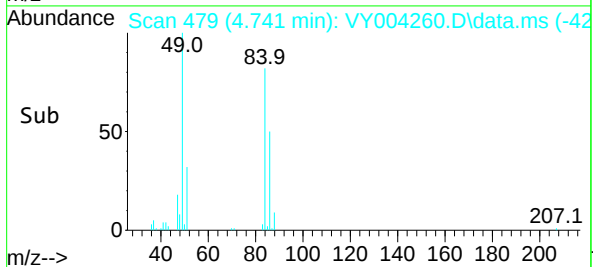
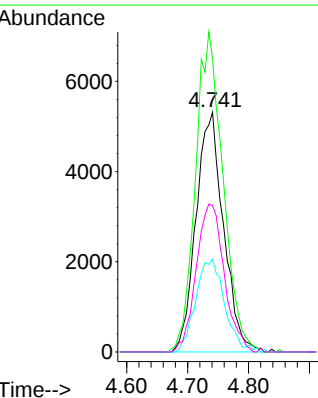
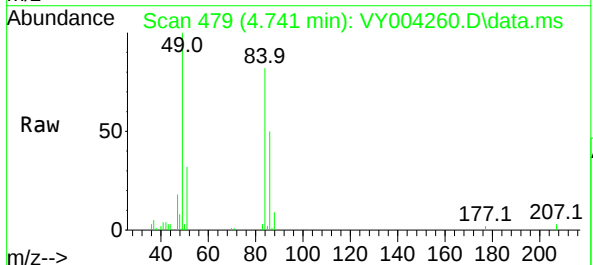
Ion Ratio Lower Upper

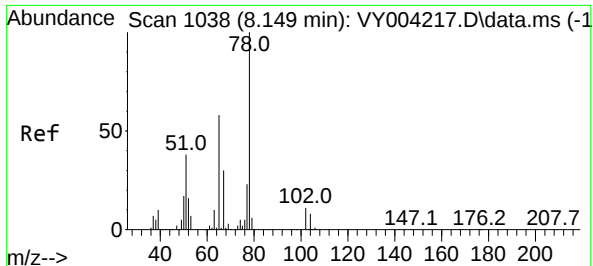
84 100

49 122.5 101.5 152.3

51 38.7 31.5 47.3

86 61.1 50.8 76.2

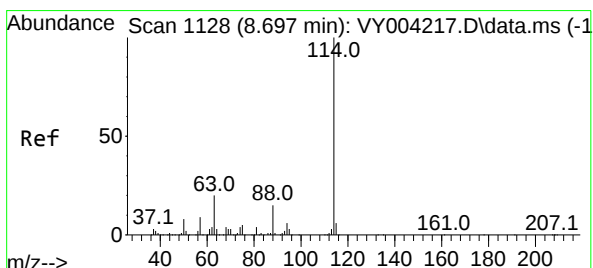
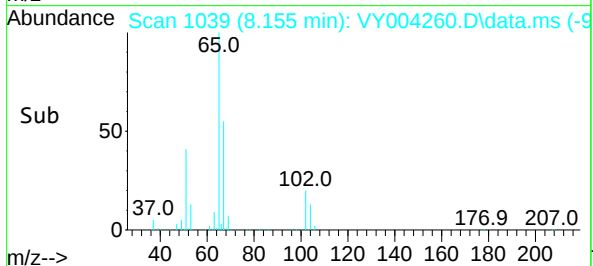
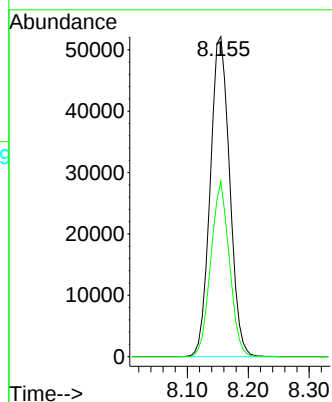
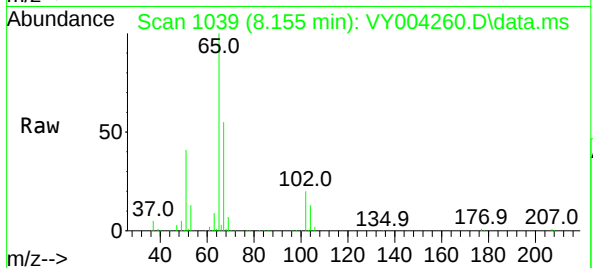




#33
1,2-Dichloroethane-d4
Concen: 64.63 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004260.D
Acq: 02 Apr 2021 14:15

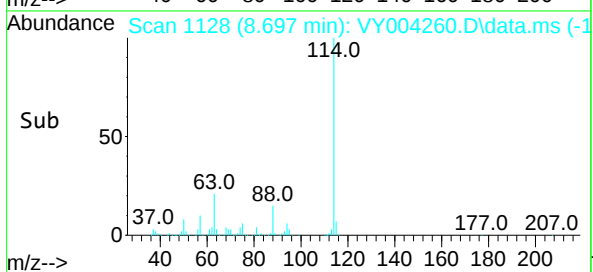
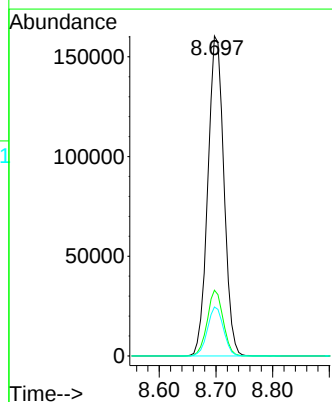
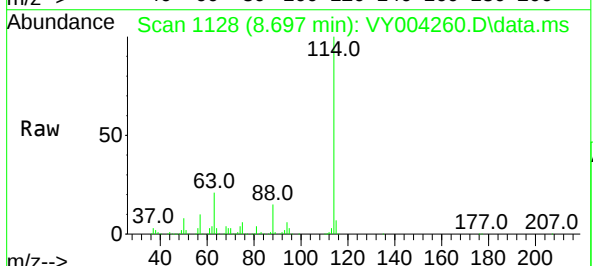
Instrument :
MSVOA_Y
ClientSampled :
TP-5-(0-4)

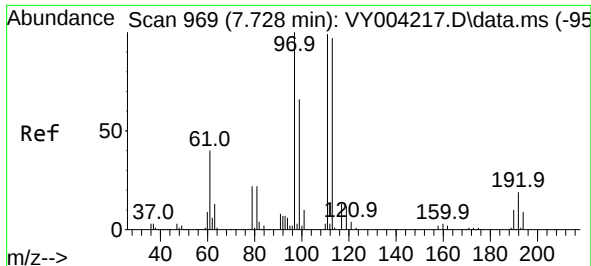
Tgt Ion: 65 Resp: 115683
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004260.D
Acq: 02 Apr 2021 14:15

Tgt Ion: 114 Resp: 314787
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.4
88 15.3 0.0 30.8

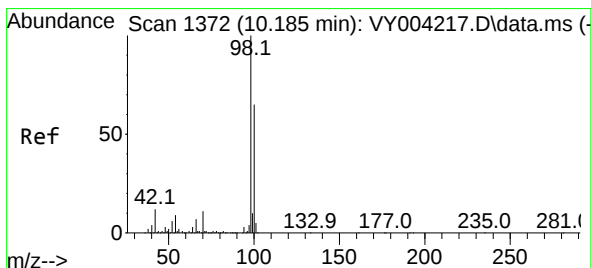
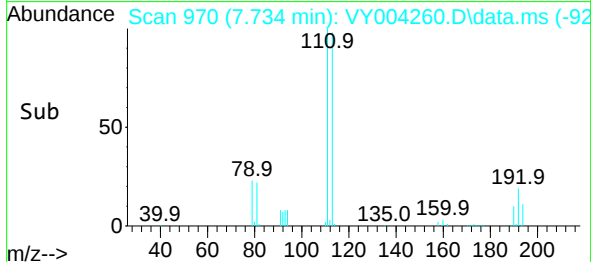
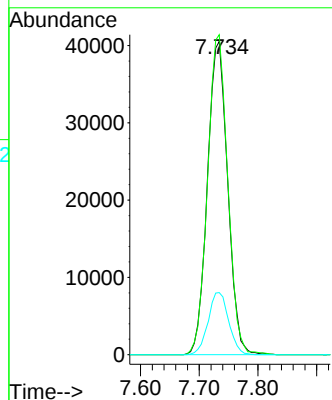
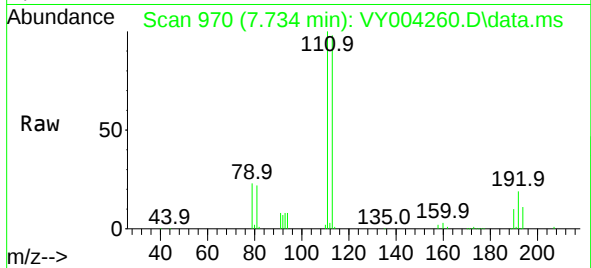




#35
Dibromofluoromethane
Concen: 55.36 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004260.D
Acq: 02 Apr 2021 14:15

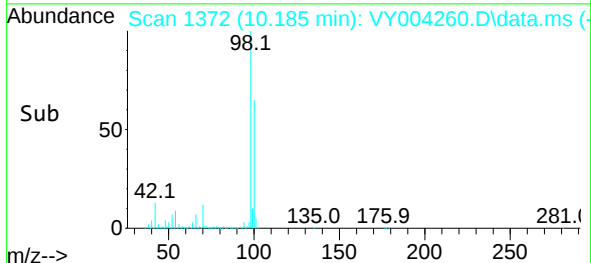
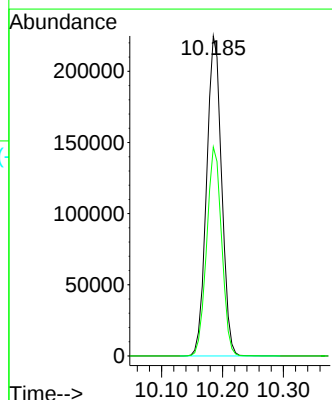
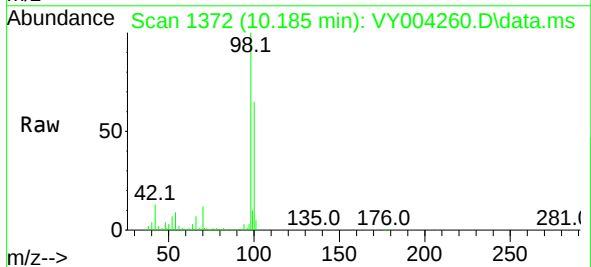
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-(0-4)

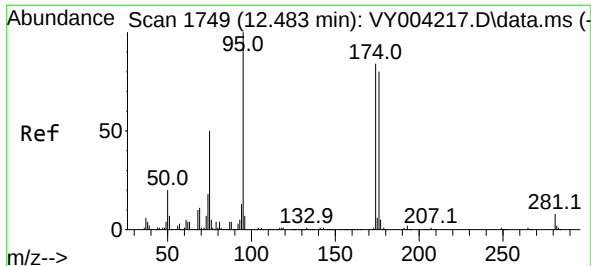
Tgt Ion:113 Resp: 97104
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.1 16.4 24.6



#50
Toluene-d8
Concen: 58.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004260.D
Acq: 02 Apr 2021 14:15

Tgt Ion: 98 Resp: 384732
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

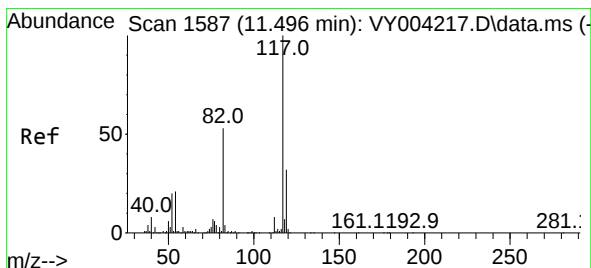
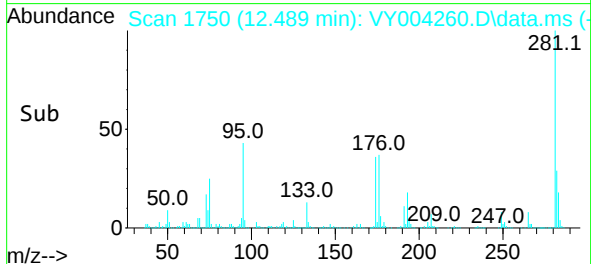
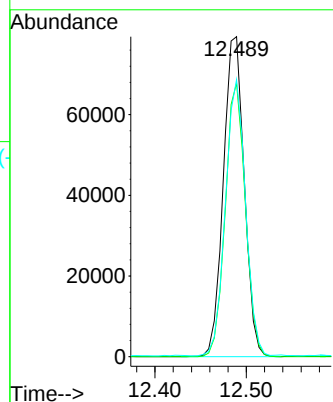
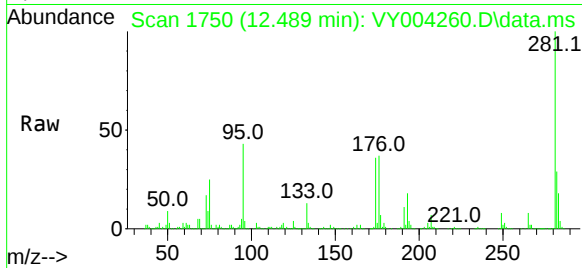




#62
4-Bromofluorobenzene
Concen: 55.78 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004260.D
Acq: 02 Apr 2021 14:15

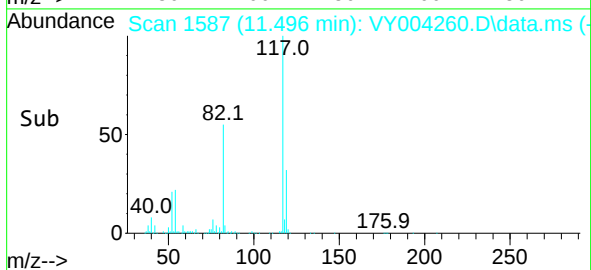
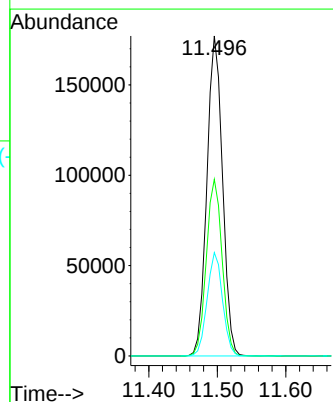
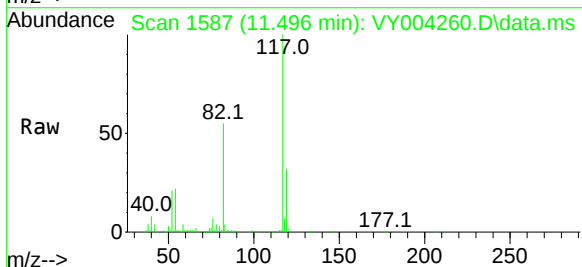
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-(0-4)

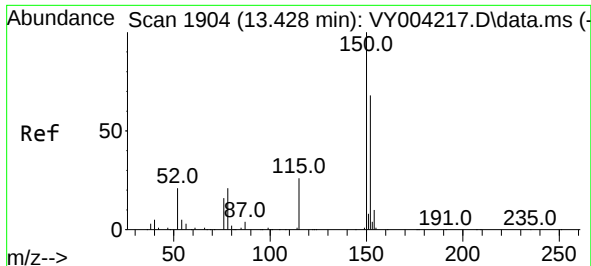
Tgt Ion: 95 Resp: 126111
Ion Ratio Lower Upper
95 100
174 82.0 0.0 171.4
176 83.4 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004260.D
Acq: 02 Apr 2021 14:15

Tgt Ion: 117 Resp: 280837
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 32.3 25.7 38.5

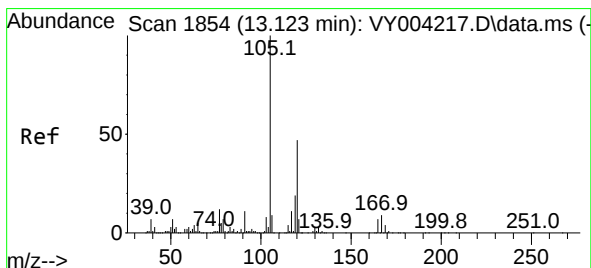
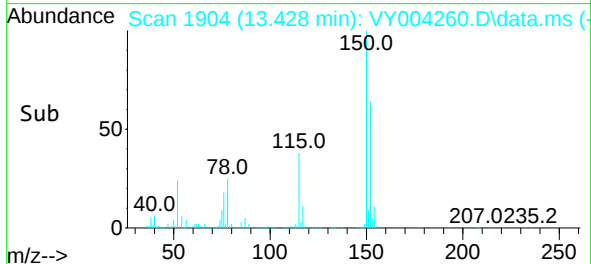
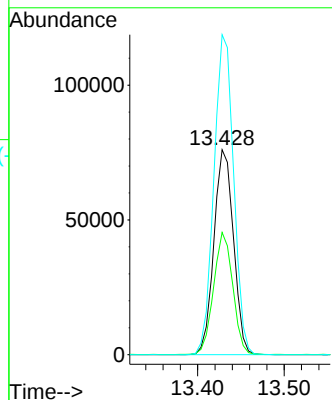
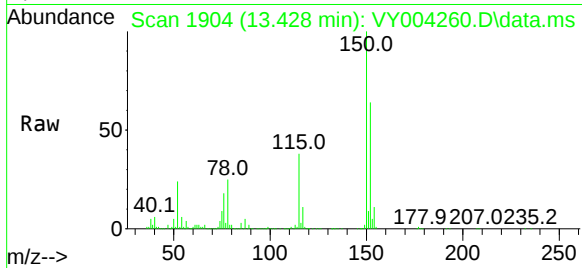




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004260.D
 Acq: 02 Apr 2021 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-(0-4)

Tgt Ion:152 Resp: 119421
 Ion Ratio Lower Upper
 152 100
 115 58.4 29.0 87.1
 150 157.3 0.0 347.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.04 ug/l
 RT: 13.130 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: VY004260.D
 Acq: 02 Apr 2021 14:15

Tgt Ion:105 Resp: 7411
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.9 68.7

