

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004331.D
 Acq On : 08 Apr 2021 13:35
 Operator : SY/MD
 Sample : M1971-01
 Misc : 6.49G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-040721

Quant Time: Apr 09 03:15:51 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)

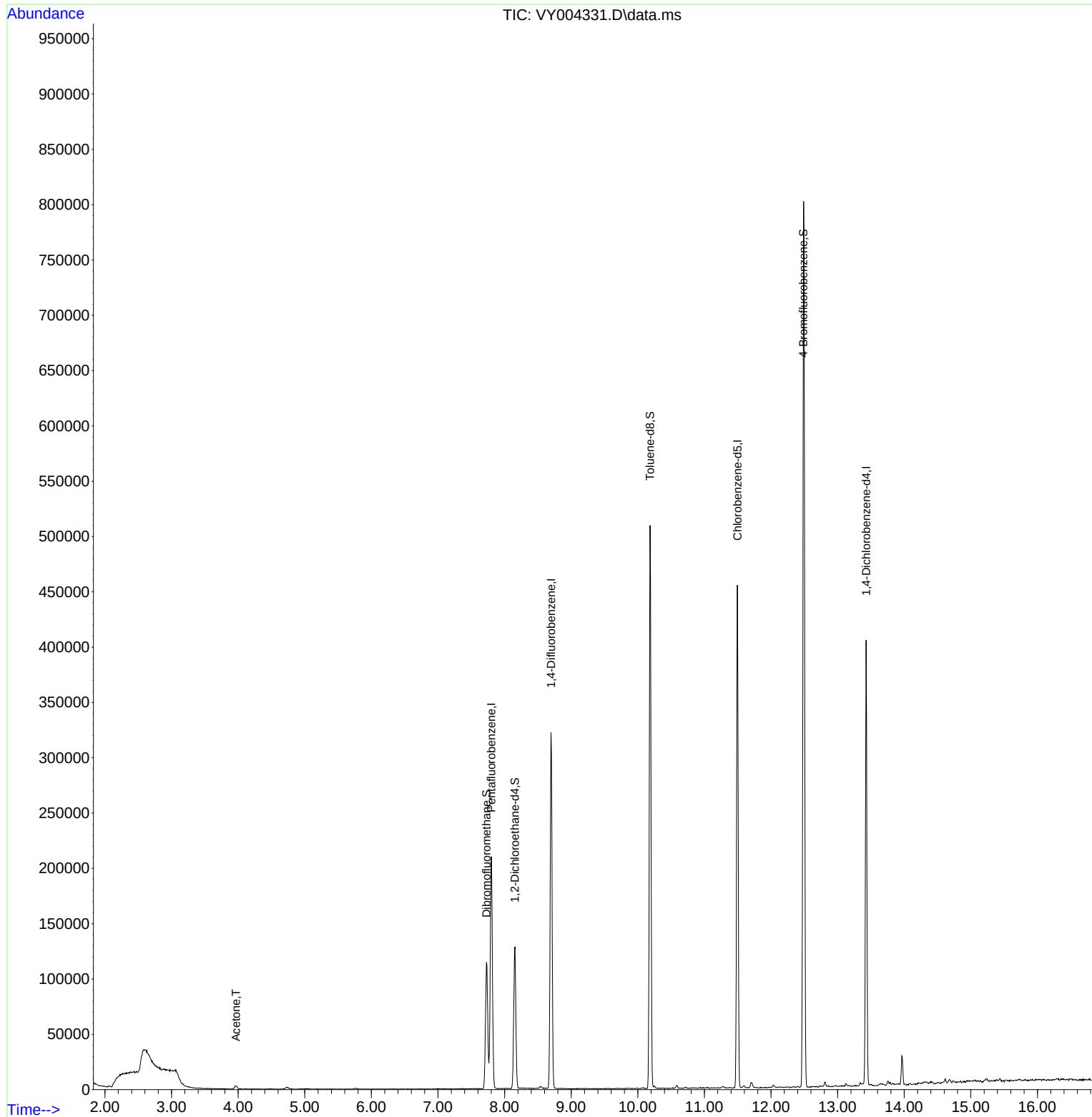
Internal Standards						
1) Pentafluorobenzene	7.801	168	160210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	268924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	233320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	97348	63.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.42%
35) Dibromofluoromethane	7.728	113	80240	53.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.10%
50) Toluene-d8	10.184	98	321385	57.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.06%
62) 4-Bromofluorobenzene	12.483	95	101690	52.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.30%
Target Compounds						
16) Acetone	3.966	43	4824	15.03	ug/l	Qvalue # 86

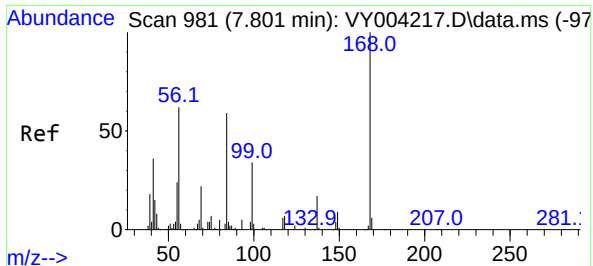
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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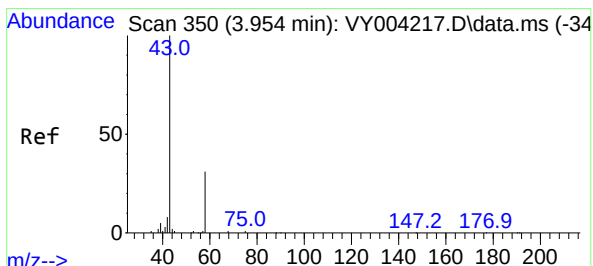
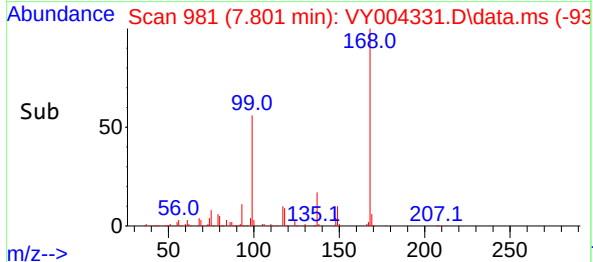
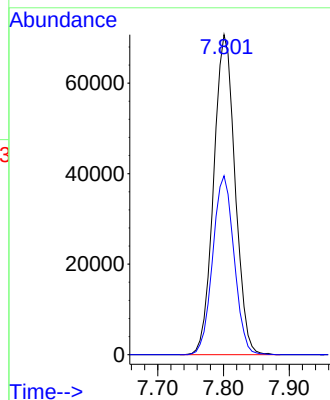
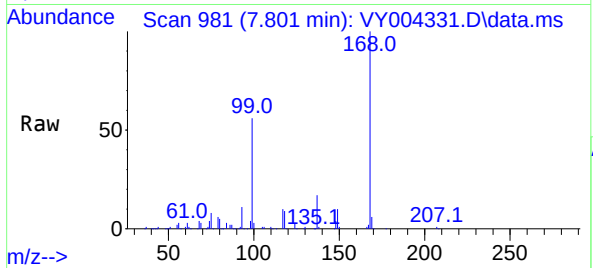




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

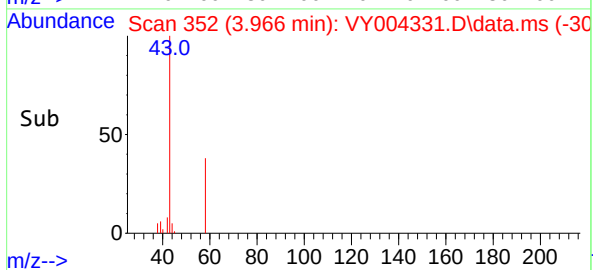
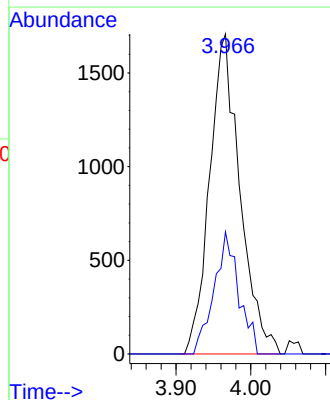
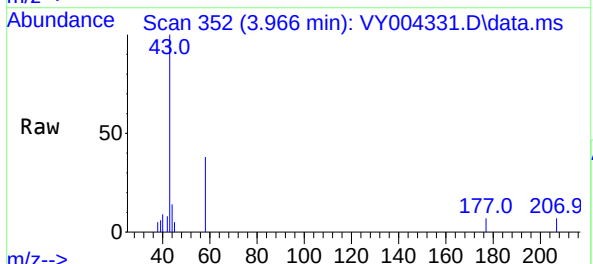
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-040721

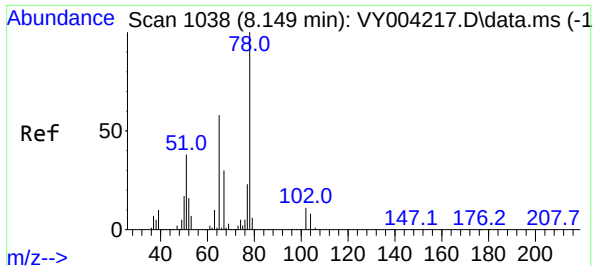
Tgt Ion:168 Resp: 160210
Ion Ratio Lower Upper
168 100
99 55.9 42.6 64.0



#16
Acetone
Concen: 15.03 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Tgt Ion: 43 Resp: 4824
Ion Ratio Lower Upper
43 100
58 38.2 24.5 36.7#

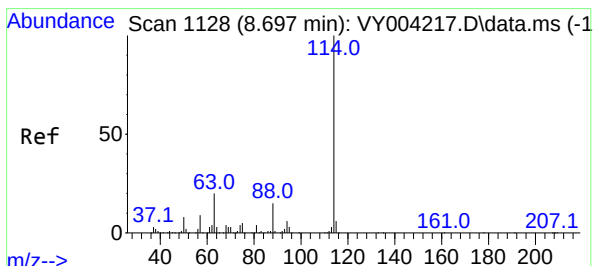
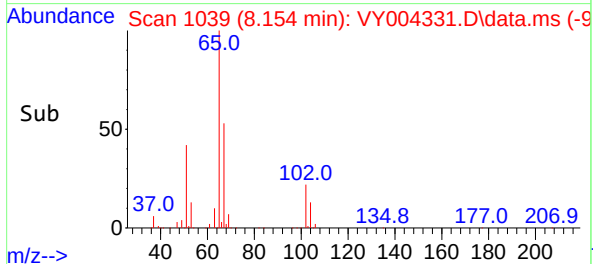
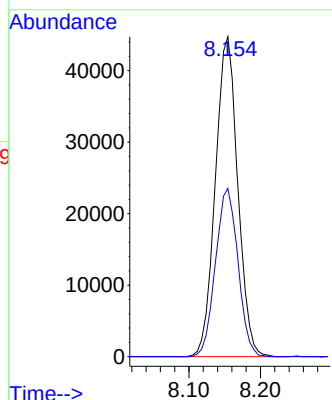
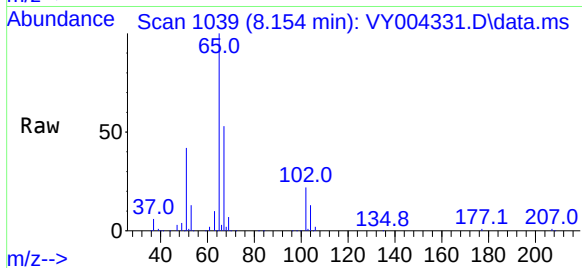




#33
1,2-Dichloroethane-d4
Concen: 63.21 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

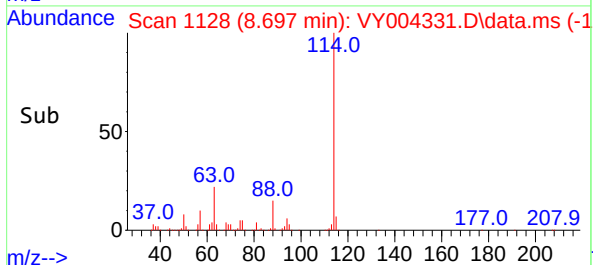
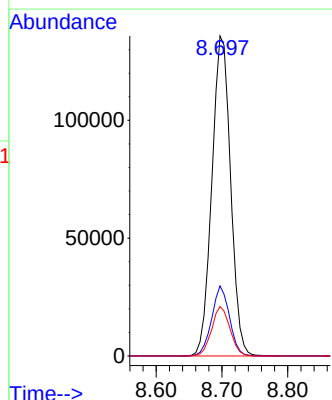
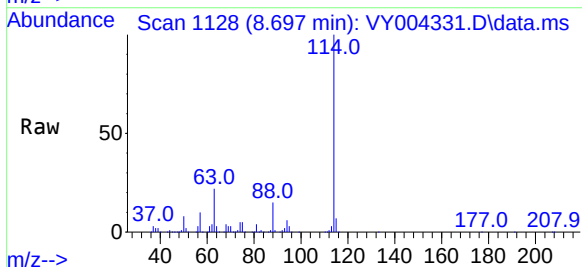
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-040721

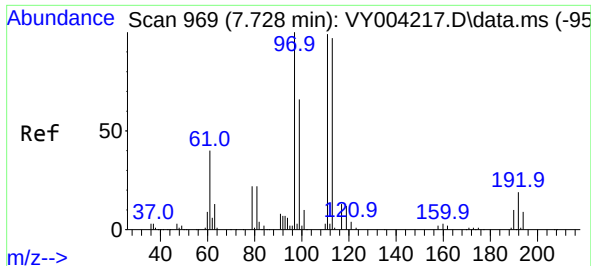
Tgt Ion: 65 Resp: 97348
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Tgt Ion:114 Resp: 268924
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.4
88 15.4 0.0 30.8

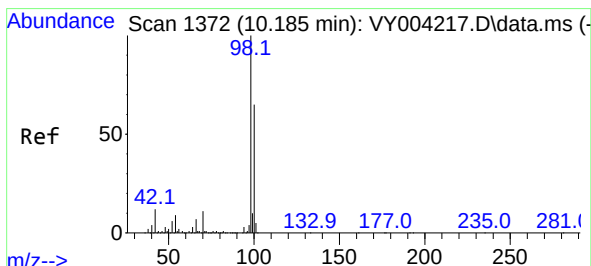
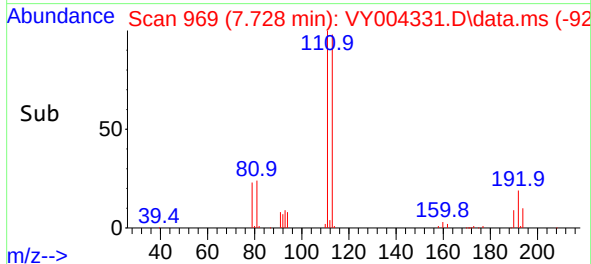
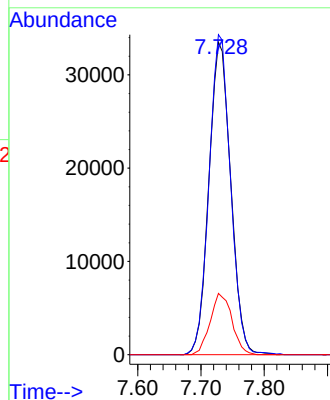
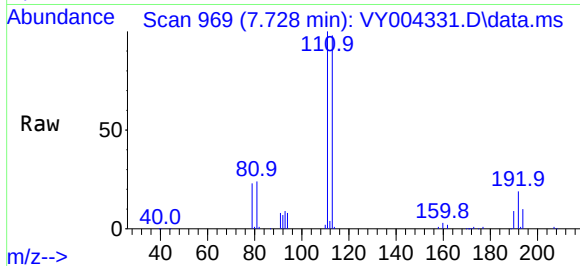




#35
Dibromofluoromethane
Concen: 53.55 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

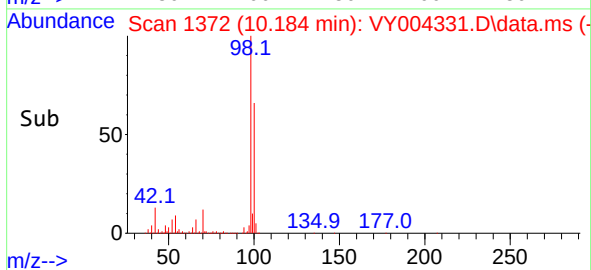
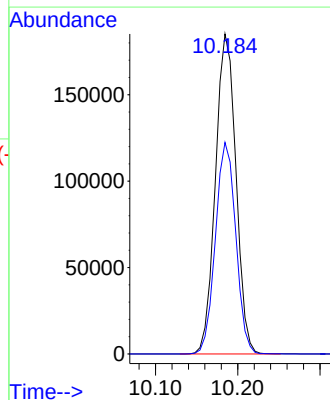
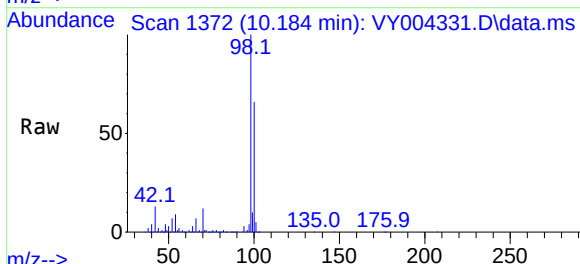
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-040721

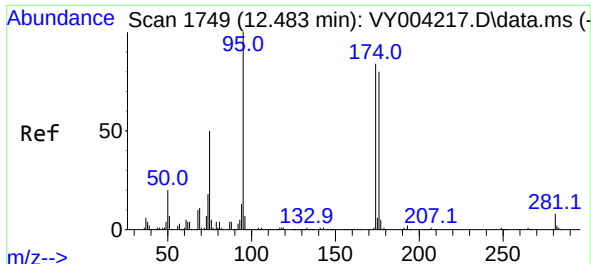
Tgt Ion:	113	Resp:	80240
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	124.0
192	19.6	16.4	24.6



#50
Toluene-d8
Concen: 57.03 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Tgt Ion:	98	Resp:	321385
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7



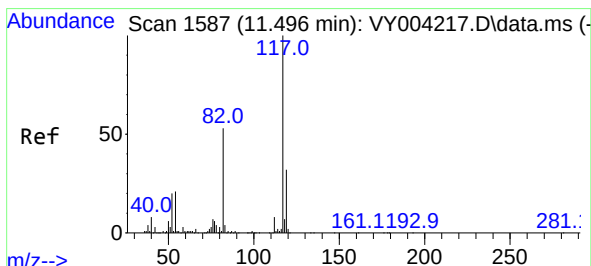
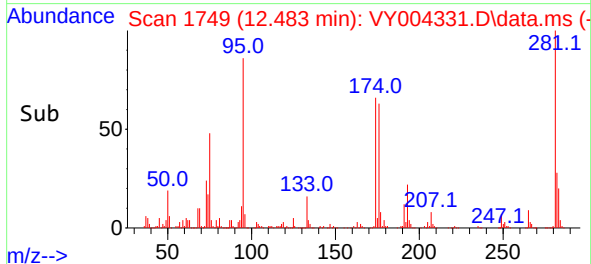
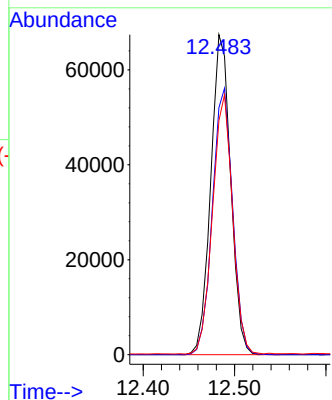
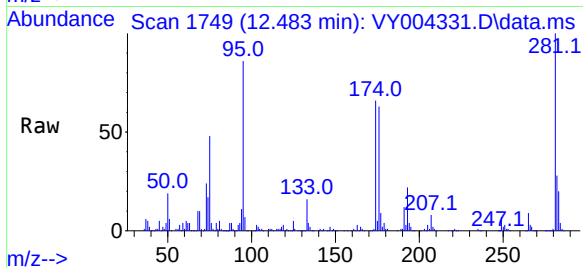


#62
4-Bromofluorobenzene
Concen: 52.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-040721

Tgt Ion: 95 Resp: 101690

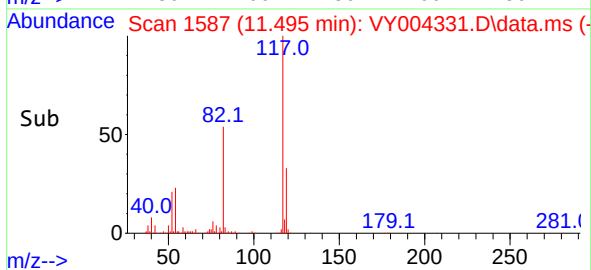
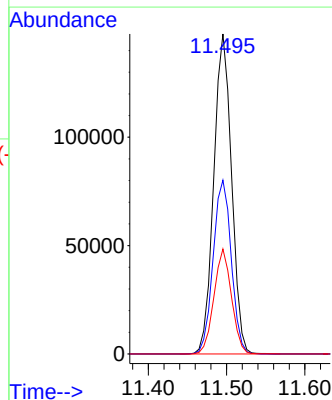
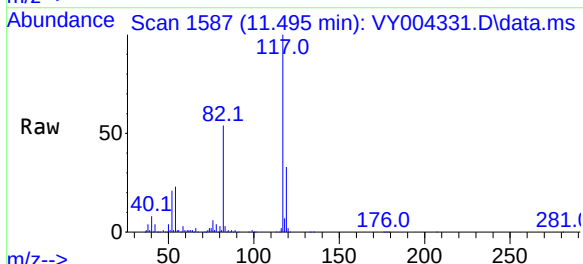
Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	171.4
176	81.8	0.0	165.6

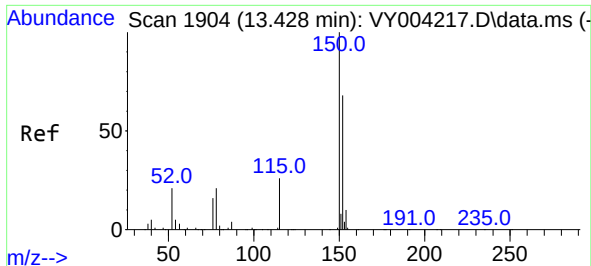


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004331.D
Acq: 08 Apr 2021 13:35

Tgt Ion: 117 Resp: 233320

Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.7	64.1
119	32.8	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: VY004331.D
 Acq: 08 Apr 2021 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-040721

Tgt Ion:152 Resp: 94892
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.0 87.1
 150 155.3 0.0 347.4

