

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004239.D
 Acq On : 01 Apr 2021 12:33
 Operator : SY/MD
 Sample : M1854-01
 Misc : 9.23g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1S-(0-4)

Quant Time: Apr 02 02:08:32 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)

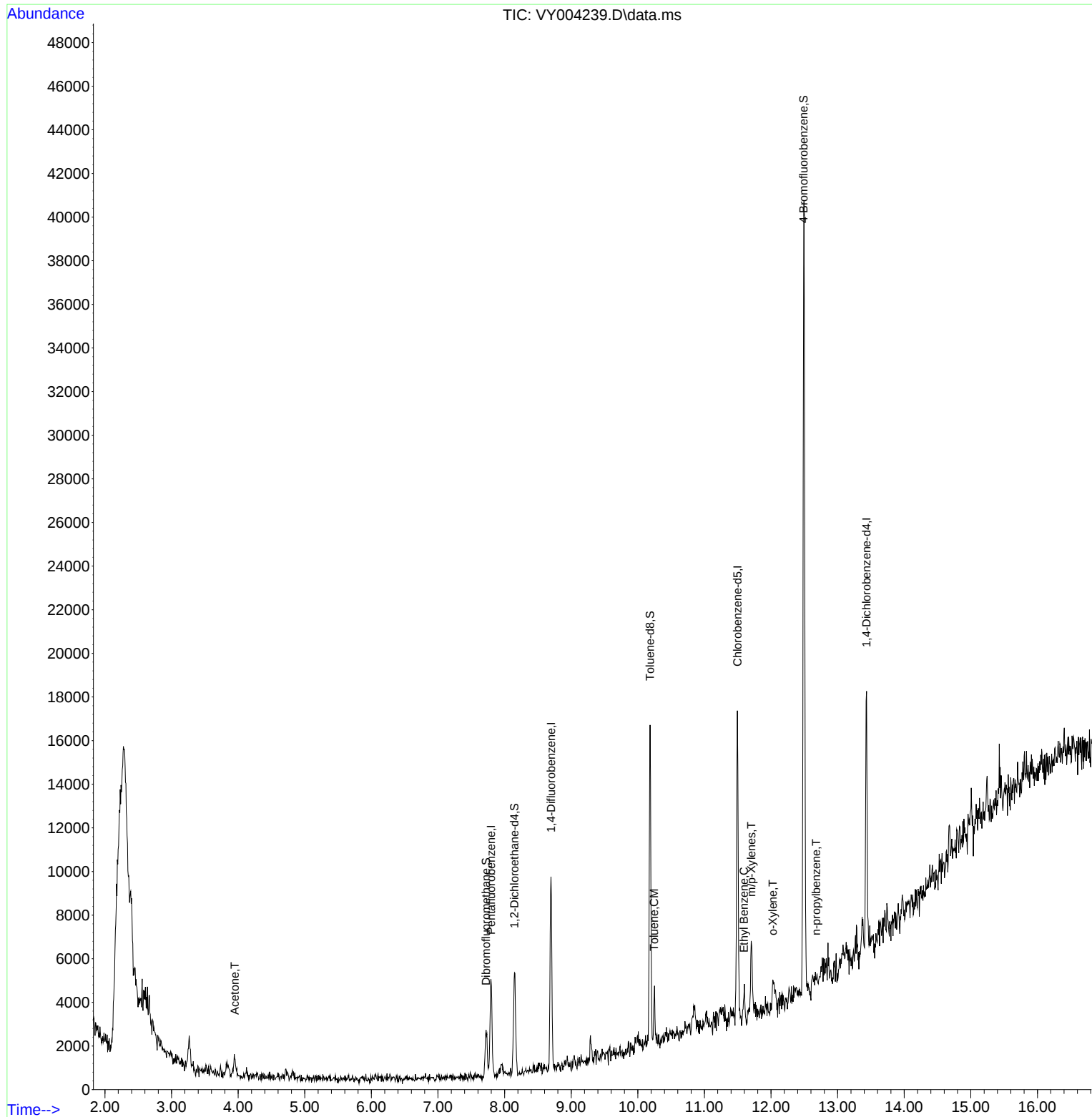
Internal Standards						
1) Pentafluorobenzene	7.795	168	3831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	7431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3453	93.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	187.52%	#	
35) Dibromofluoromethane	7.722	113	1681	40.60	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.20%		
50) Toluene-d8	10.185	98	8996	57.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	115.54%		
62) 4-Bromofluorobenzene	12.489	95	3122	58.49	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	116.98%		
Target Compounds					Qvalue	
16) Acetone	3.948	43	1317	171.65	ug/l	94
52) Toluene	10.246	92	847	6.85	ug/l	97
67) Ethyl Benzene	11.593	91	776	2.95	ug/l #	78
68) m/p-Xylenes	11.703	106	966	9.56	ug/l	99
69) o-Xylene	12.026	106	278	2.94	ug/l	94
78) n-propylbenzene	12.678	91	533	2.33	ug/l #	66

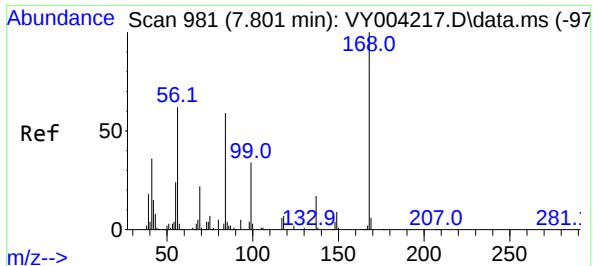
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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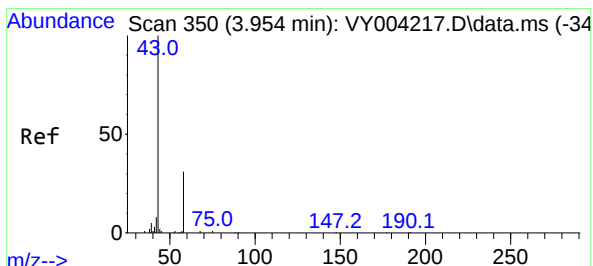
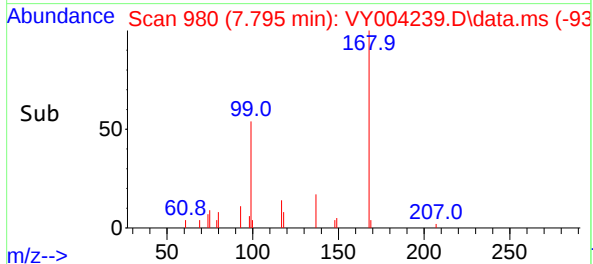
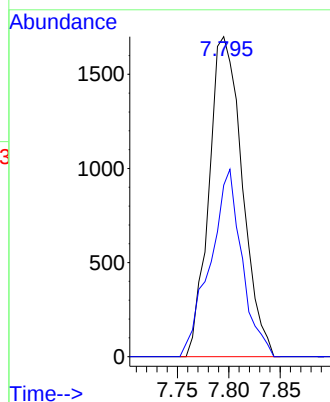
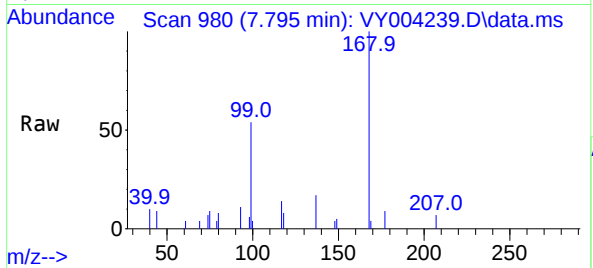




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

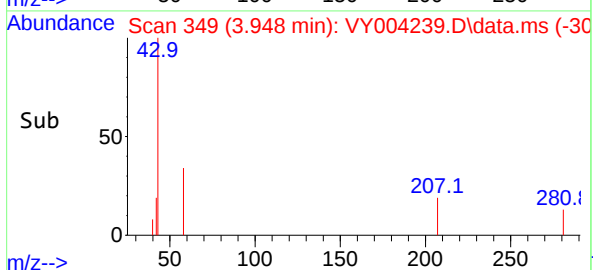
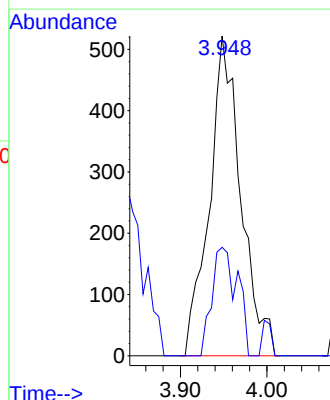
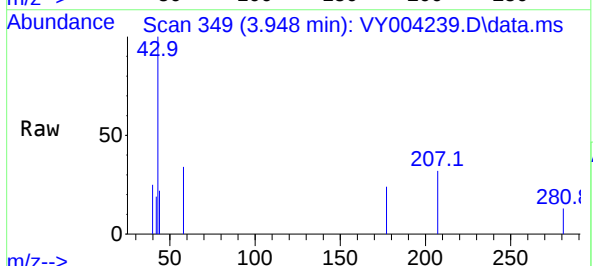
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

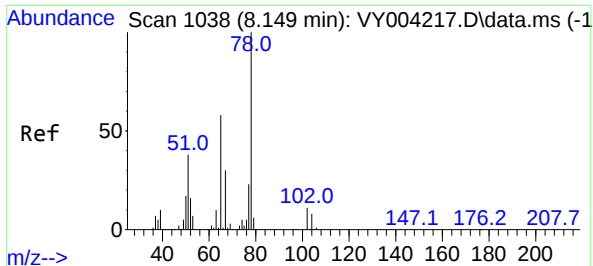
Tgt Ion:168 Resp: 3831
Ion Ratio Lower Upper
168 100
99 53.6 42.6 64.0



#16
Acetone
Concen: 171.65 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 33.9 24.5 36.7

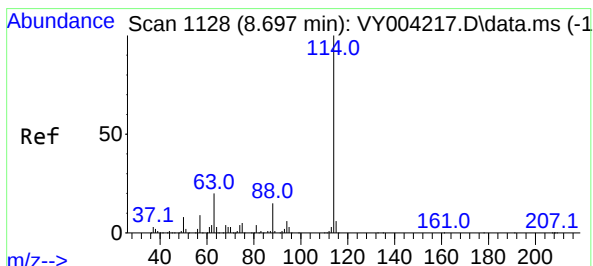
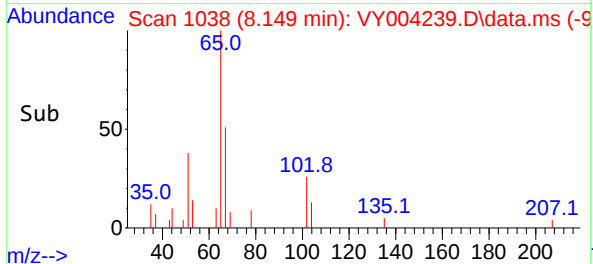
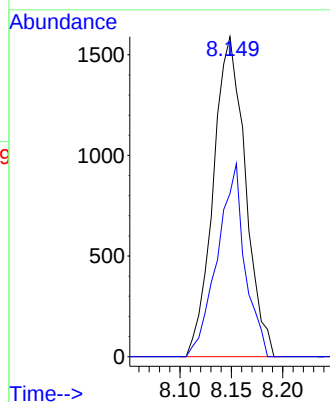
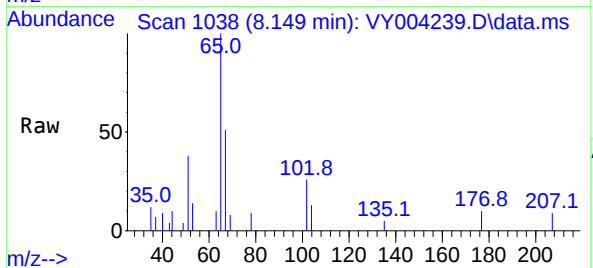




#33
1,2-Dichloroethane-d4
Concen: 93.76 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

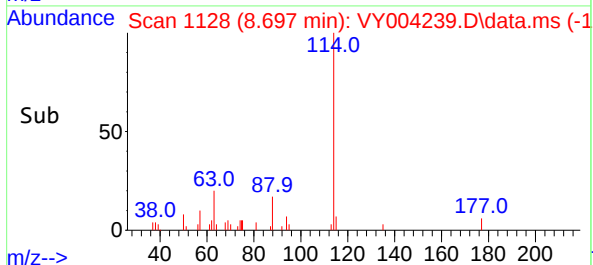
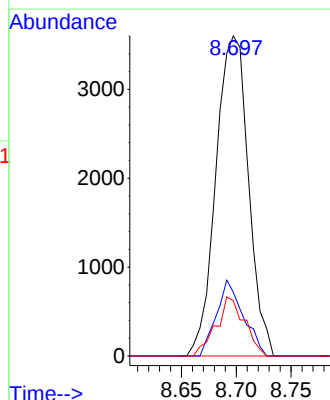
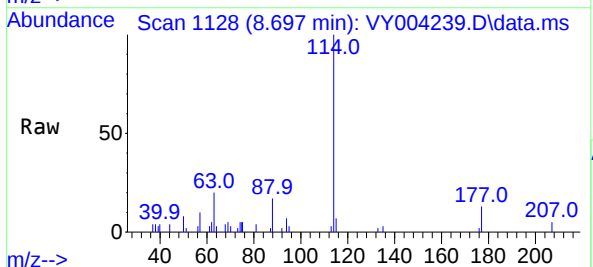
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

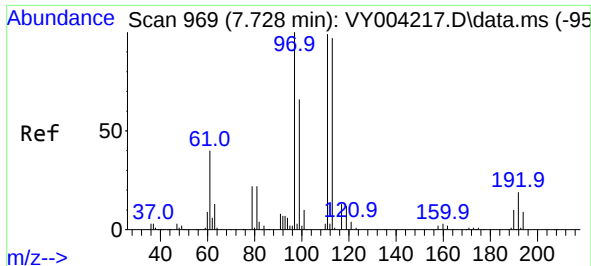
Tgt Ion: 65 Resp: 3453
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Tgt Ion:114 Resp: 7431
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.4
88 17.2 0.0 30.8



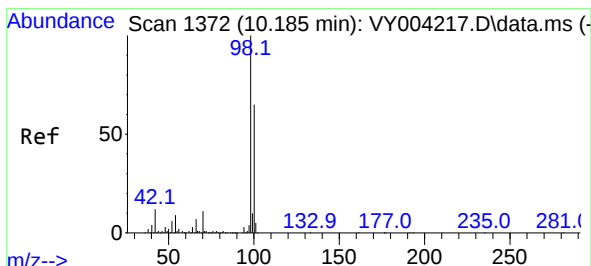
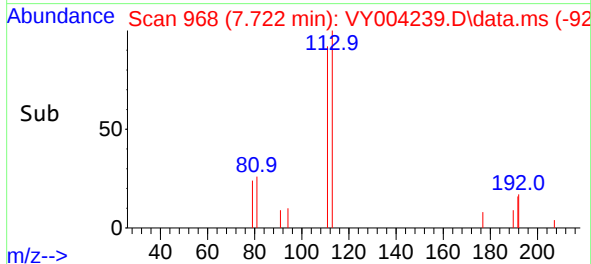
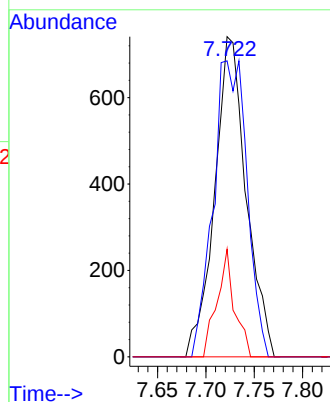
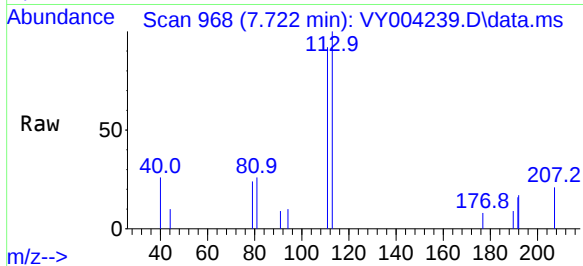


#35
Dibromofluoromethane
Concen: 40.60 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

Tgt Ion:113 Resp: 1681

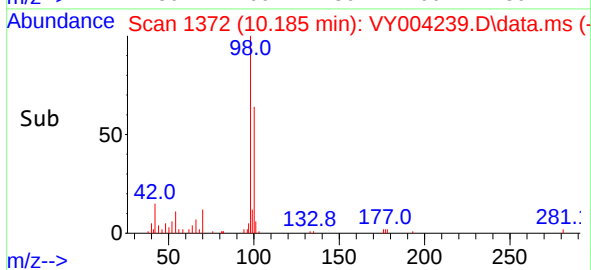
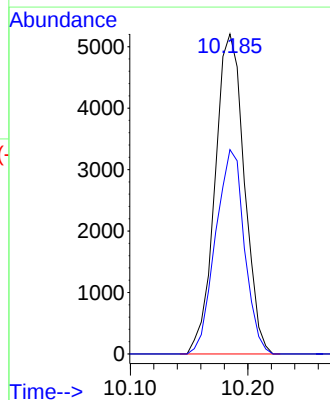
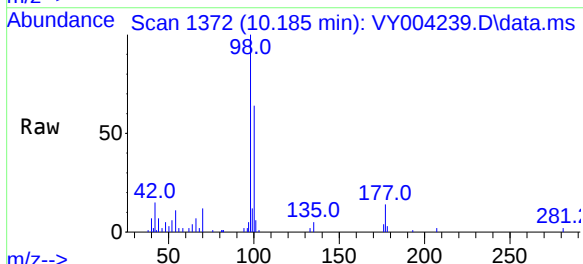
Ion	Ratio	Lower	Upper
113	100		
111	99.0	82.6	124.0
192	18.6	16.4	24.6

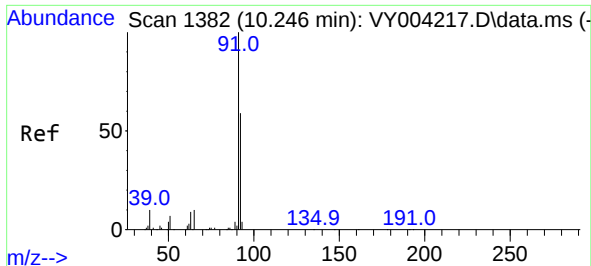


#50
Toluene-d8
Concen: 57.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Tgt Ion: 98 Resp: 8996

Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.5	78.7

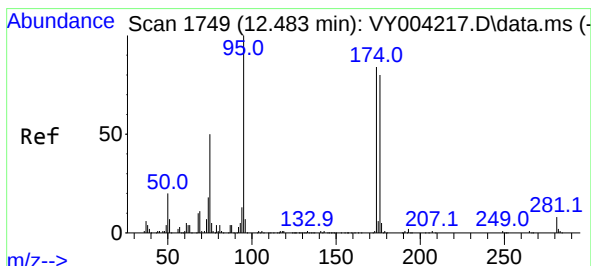
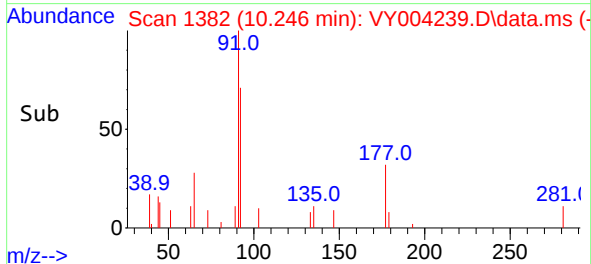
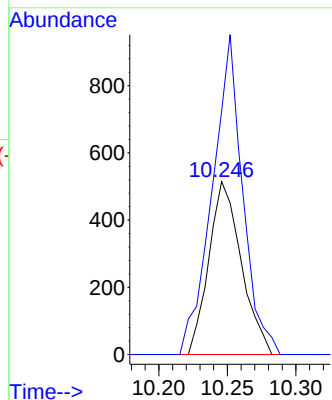
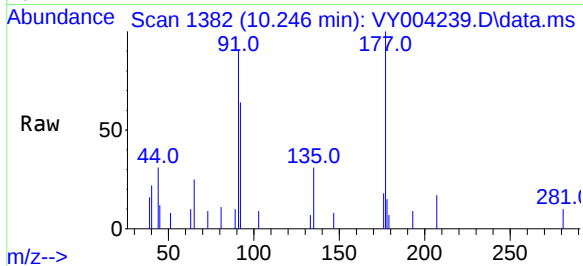




#52
Toluene
Concen: 6.85 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

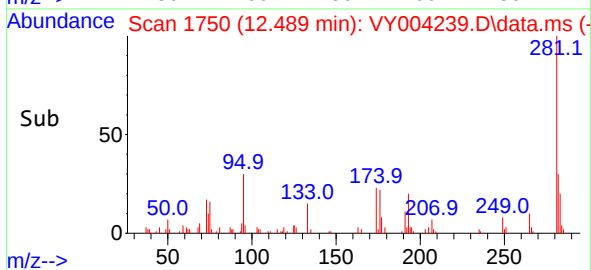
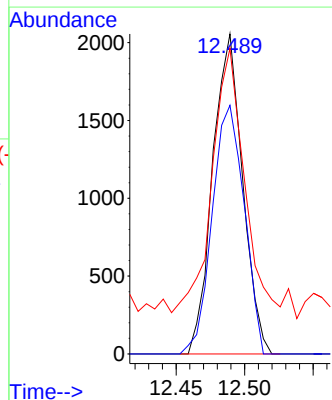
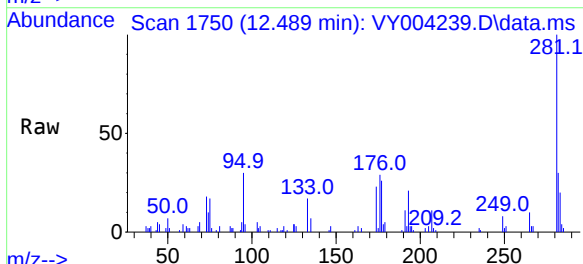
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

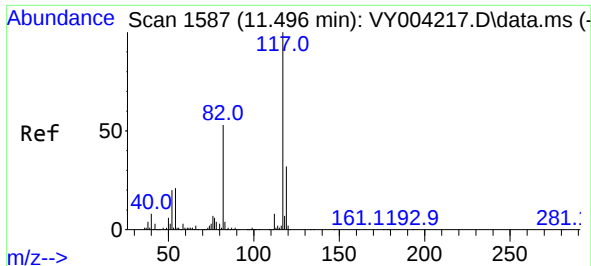
Tgt Ion: 92 Resp: 847
Ion Ratio Lower Upper
92 100
91 173.6 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 58.49 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Tgt Ion: 95 Resp: 3122
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.4
176 86.7 0.0 165.6

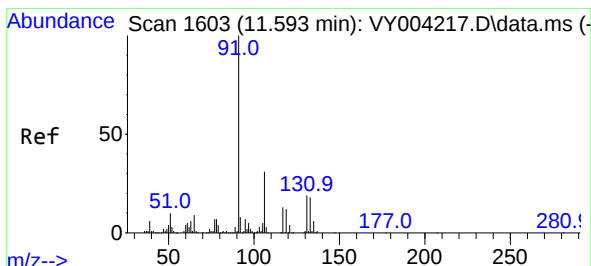
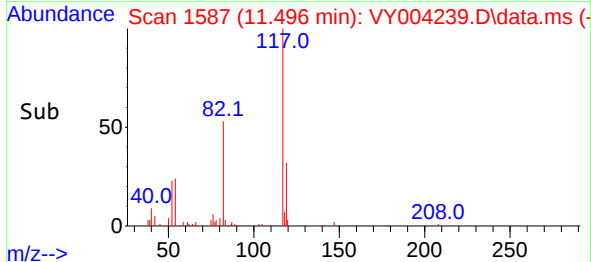
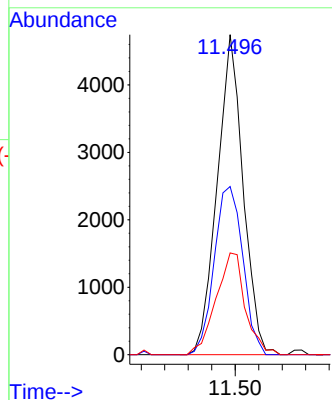
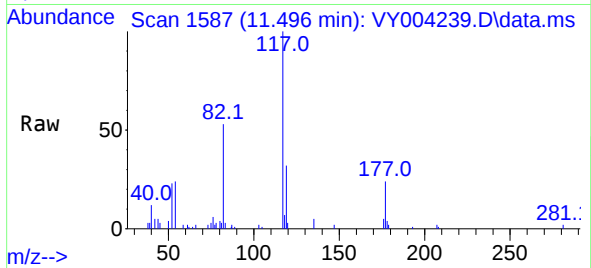




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

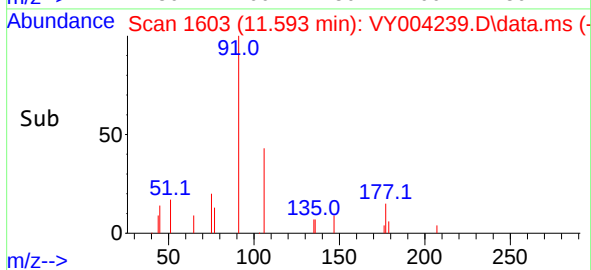
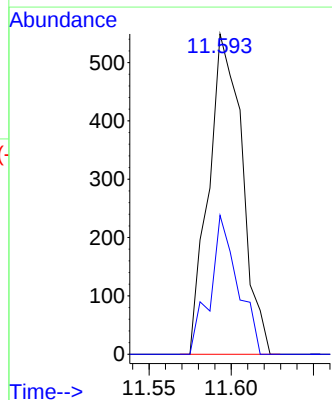
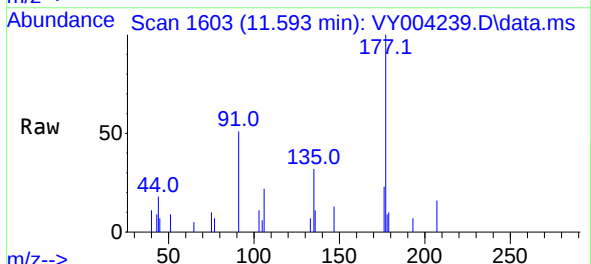
Instrument :
MSVOA_Y
ClientSampleId :
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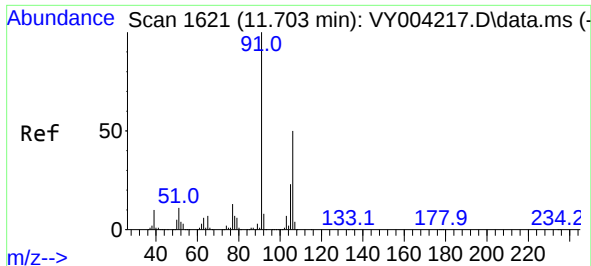
Tgt Ion:	117	Resp:	7270
Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.7	64.1
119	31.8	25.7	38.5



#67
Ethyl Benzene
Concen: 2.95 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Tgt Ion:	91	Resp:	776
Ion	Ratio	Lower	Upper
91	100		
106	43.4	25.0	37.6#

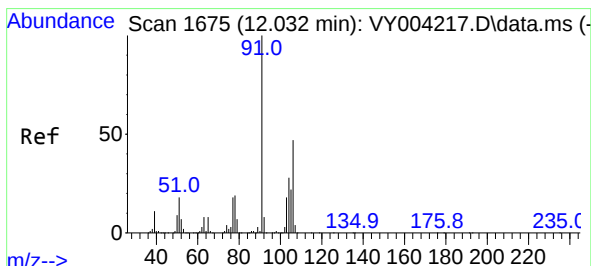
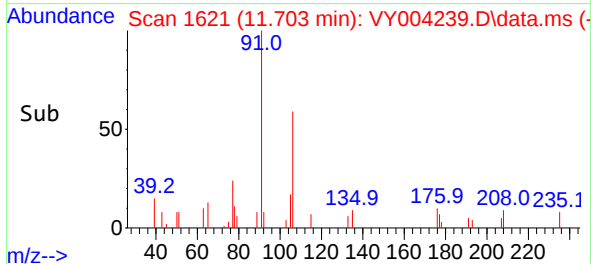
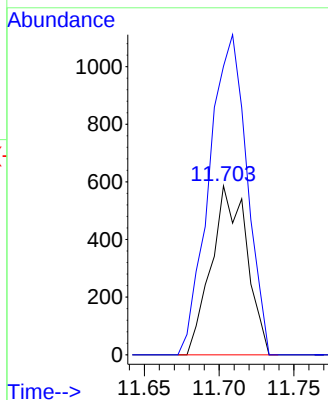
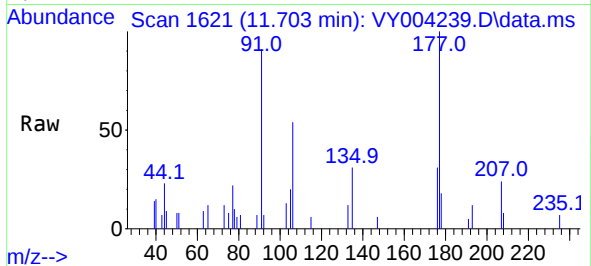




#68
m/p-Xylenes
Concen: 9.56 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

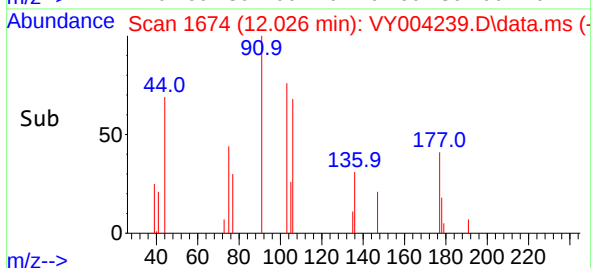
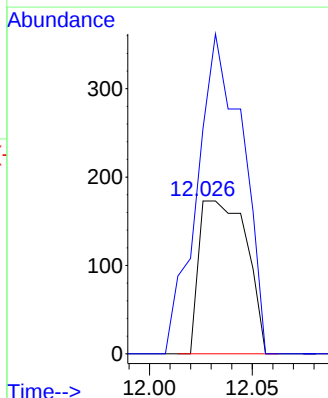
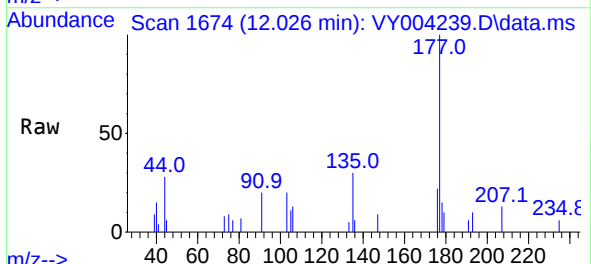
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

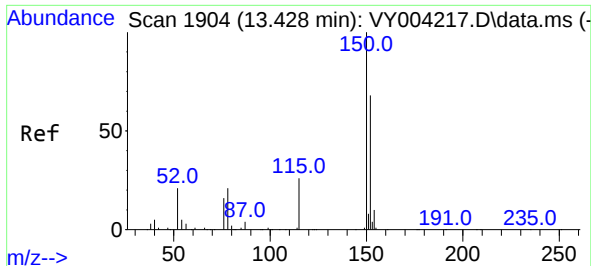
Tgt Ion:106 Resp: 966
Ion Ratio Lower Upper
106 100
91 201.9 159.8 239.6



#69
o-Xylene
Concen: 2.94 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Tgt Ion:106 Resp: 278
Ion Ratio Lower Upper
106 100
91 201.1 105.6 316.8

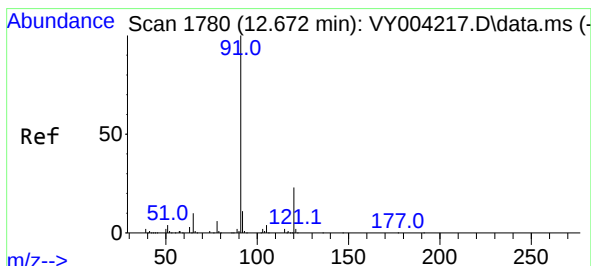
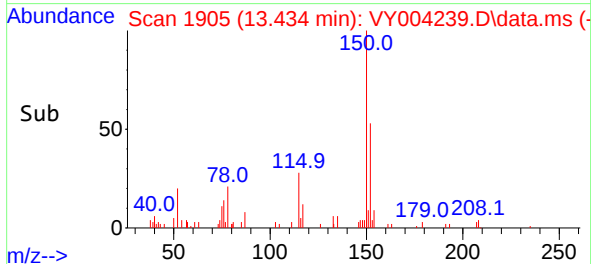
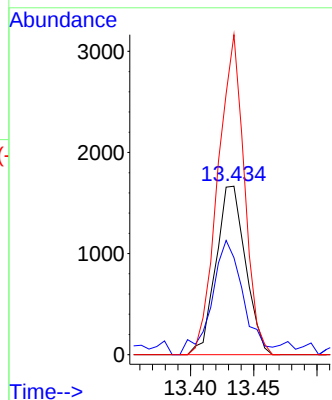
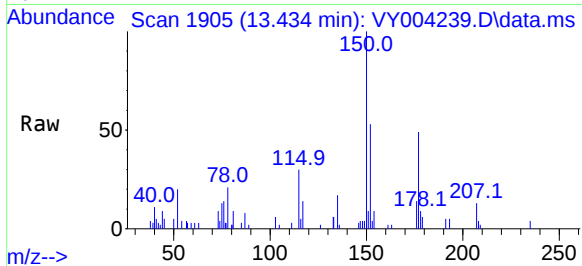




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-1S-(0-4)

Tgt Ion:152 Resp: 2704
Ion Ratio Lower Upper
152 100
115 71.6 29.0 87.1
150 170.2 0.0 347.4



#78
n-propylbenzene
Concen: 2.33 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004239.D
Acq: 01 Apr 2021 12:33

Tgt Ion: 91 Resp: 533
Ion Ratio Lower Upper
91 100
120 7.1 11.9 35.5#

