

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004141.D
 Acq On : 19 Mar 2021 16:44
 Operator : SY/MD
 Sample : M1749-02
 Misc : 6.68g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-15-21-22

Quant Time: Mar 20 03:15:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

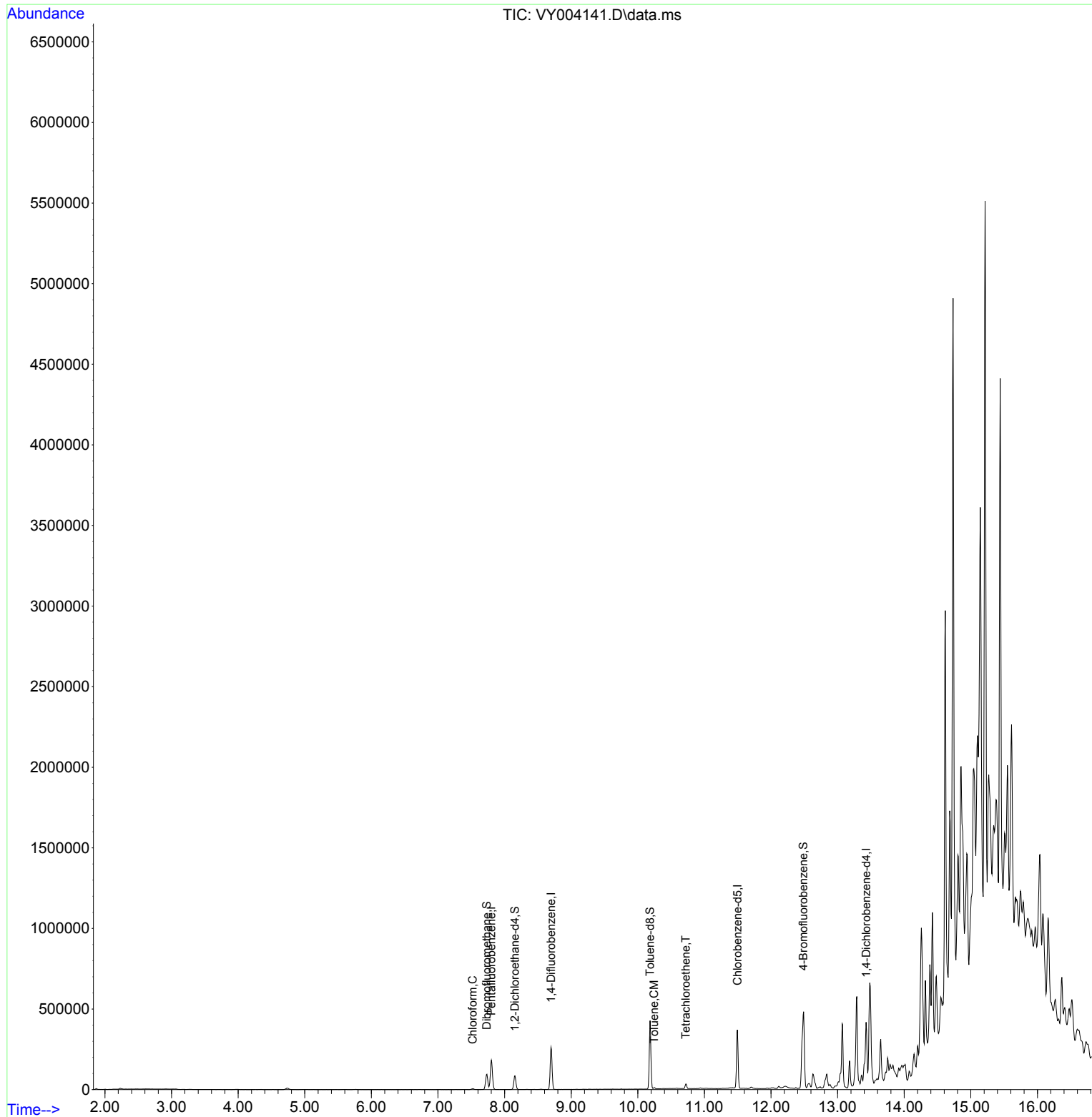
Internal Standards						
1) Pentafluorobenzene	7.801	168	140351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66414	47.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.90%
35) Dibromofluoromethane	7.734	113	65818	51.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.46%
50) Toluene-d8	10.185	98	266718	53.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.96%
62) 4-Bromofluorobenzene	12.483	95	89669	48.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.36%
Target Compounds						Qvalue
30) Chloroform	7.521	83	5549	2.24	ug/l	97
52) Toluene	10.246	92	3668	1.01	ug/l	98
64) Tetrachloroethene	10.721	164	6304	3.76	ug/l	88

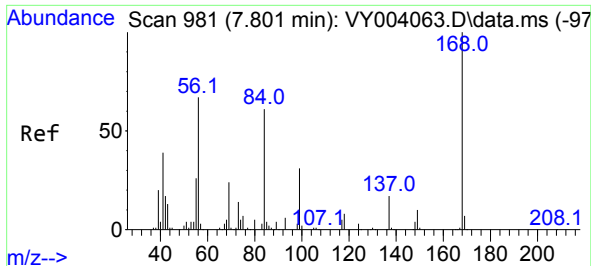
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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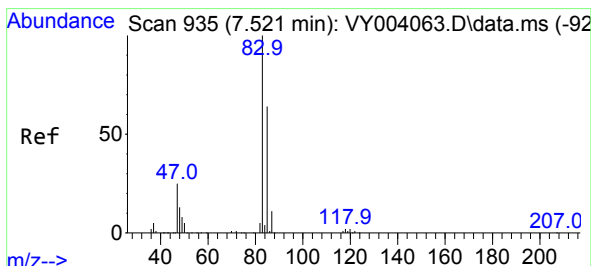
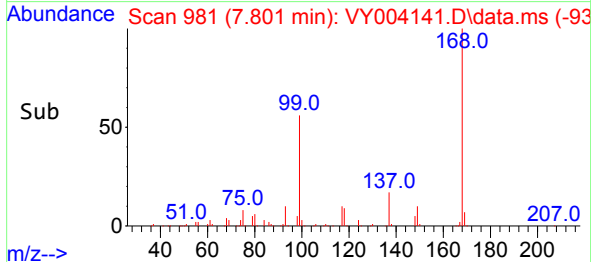
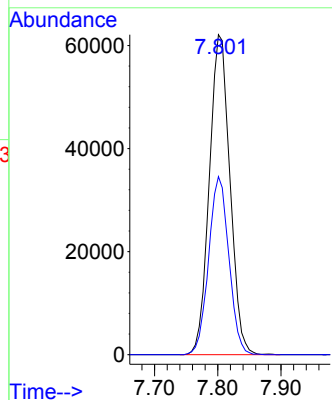
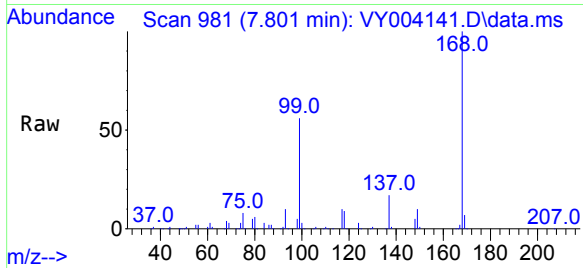




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

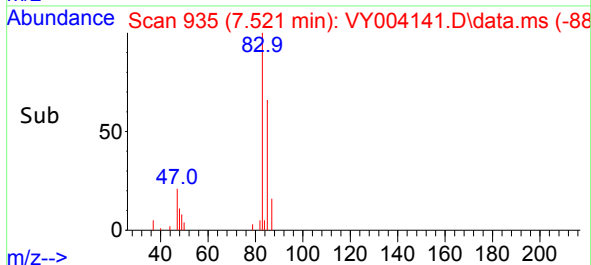
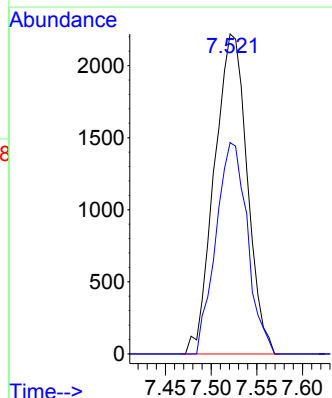
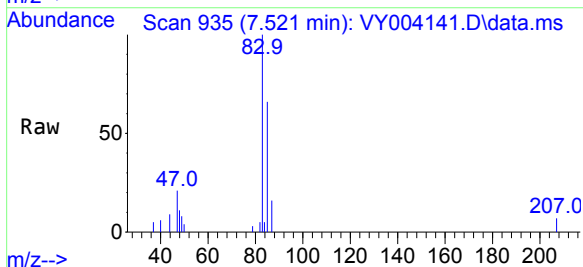
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

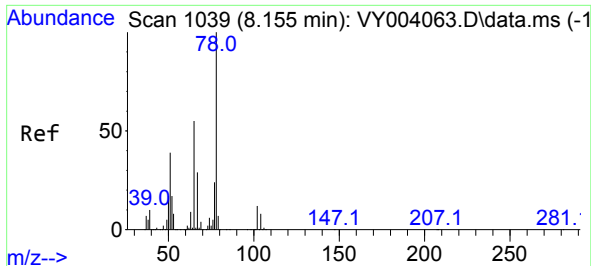
Tgt Ion:168 Resp: 140351
Ion Ratio Lower Upper
168 100
99 55.6 41.2 61.8



#30
Chloroform
Concen: 2.24 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 83 Resp: 5549
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.6

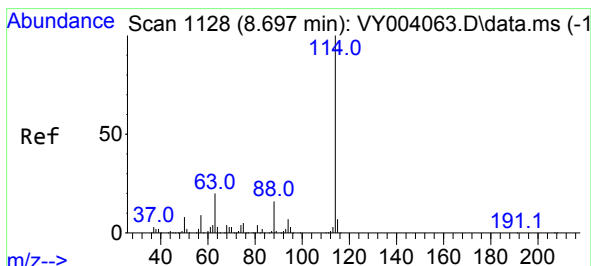
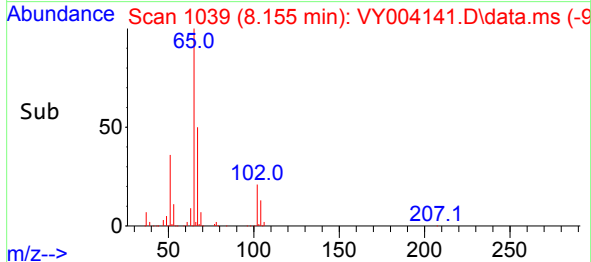
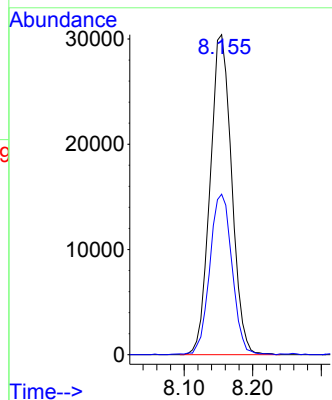
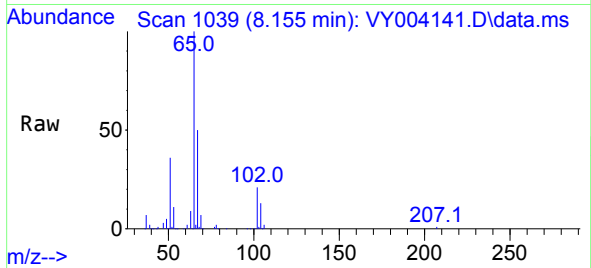




#33
1,2-Dichloroethane-d4
Concen: 47.95 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

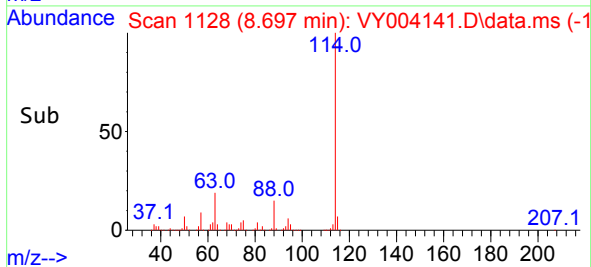
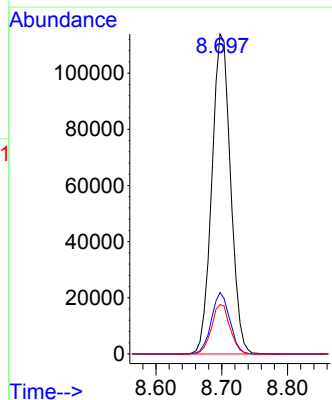
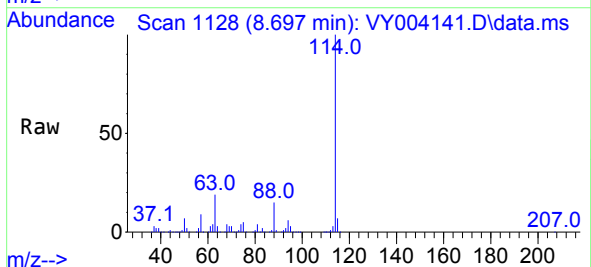
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

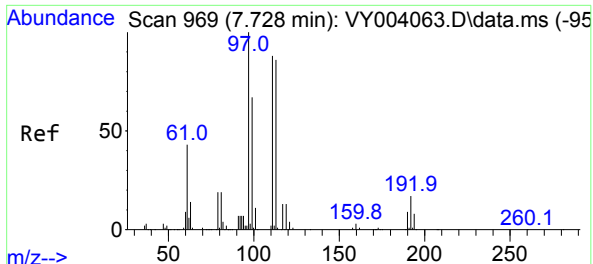
Tgt Ion: 65 Resp: 66414
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion:114 Resp: 225608
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.5 0.0 31.4

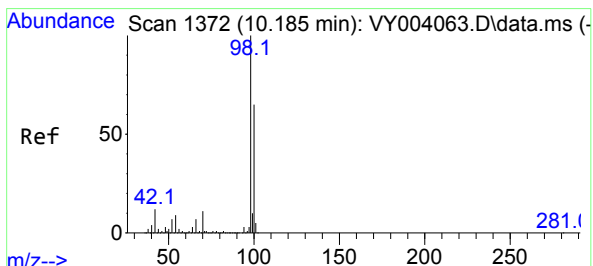
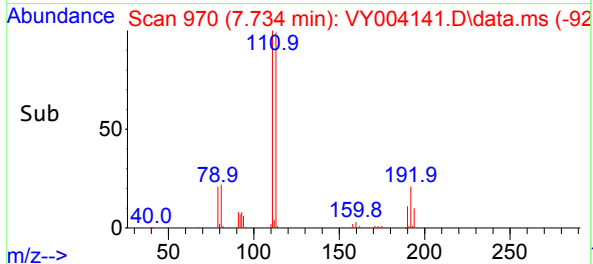
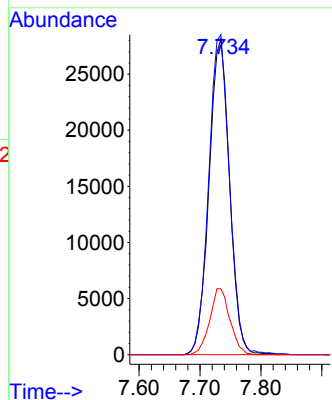
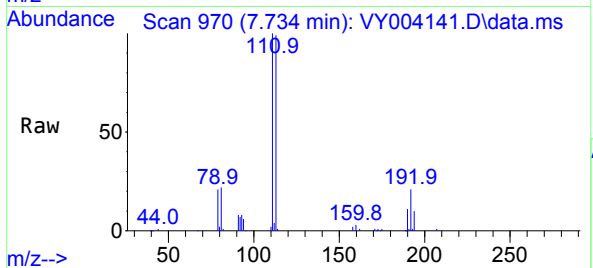




#35
Dibromofluoromethane
Concen: 51.73 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

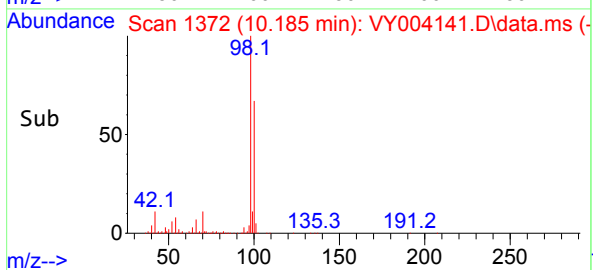
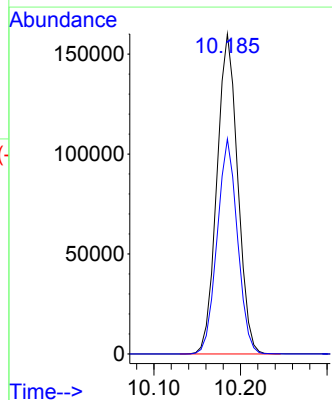
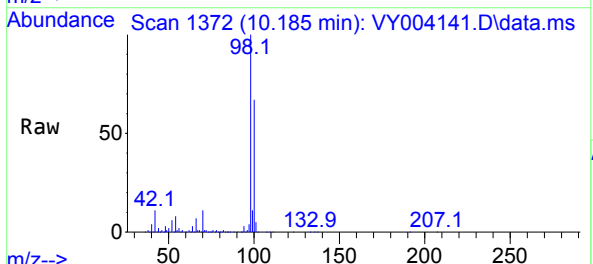
Instrument :
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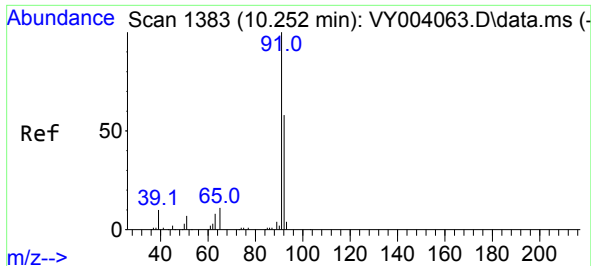
Tgt Ion:113 Resp: 65818
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 20.6 18.5 27.7



#50
Toluene-d8
Concen: 53.48 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 98 Resp: 266718
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

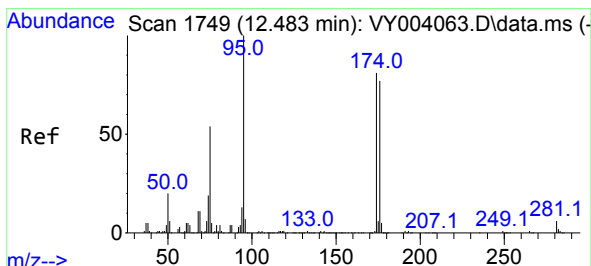
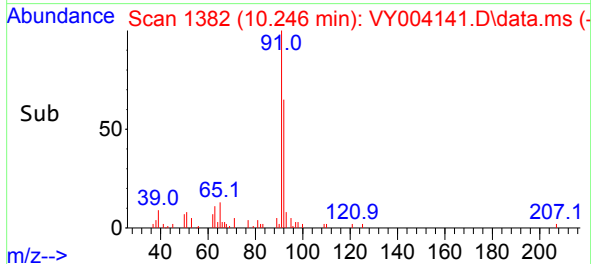
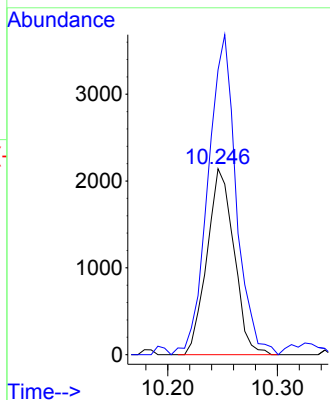
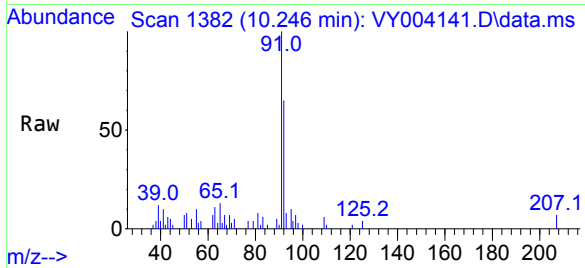




#52
Toluene
Concen: 1.01 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

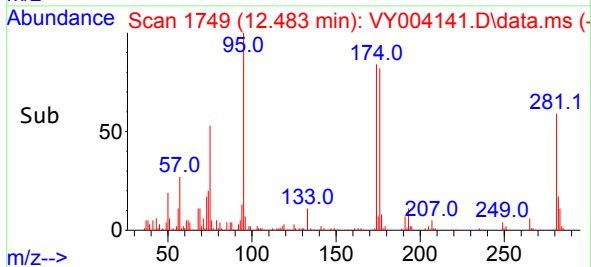
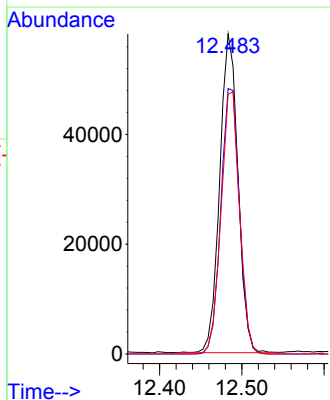
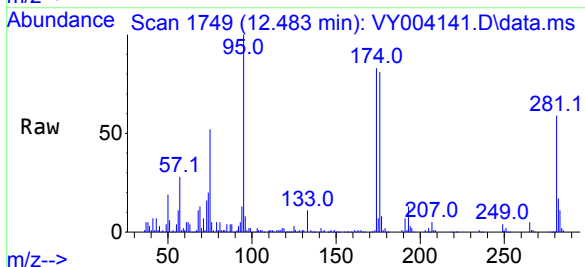
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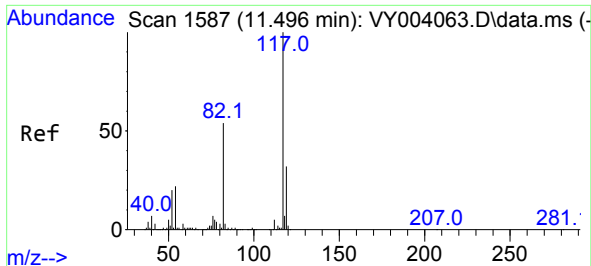
Tgt Ion: 92 Resp: 3668
Ion Ratio Lower Upper
92 100
91 179.3 141.0 211.4



#62
4-Bromofluorobenzene
Concen: 48.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 95 Resp: 89669
Ion Ratio Lower Upper
95 100
174 85.0 0.0 179.0
176 83.4 0.0 174.4

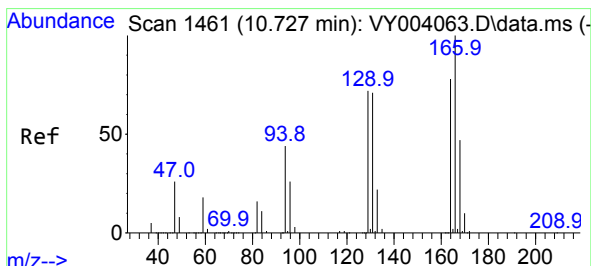
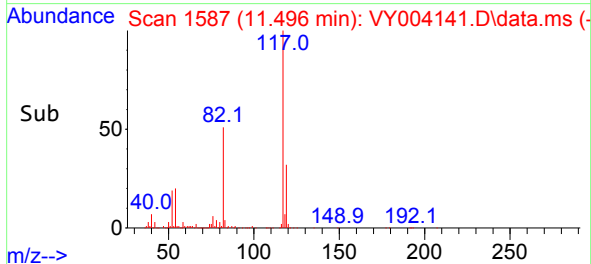
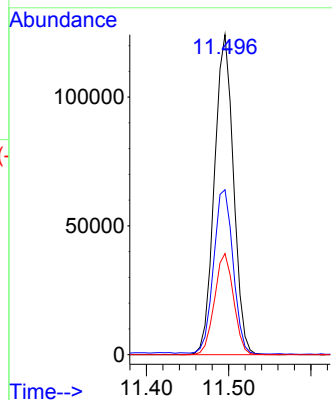
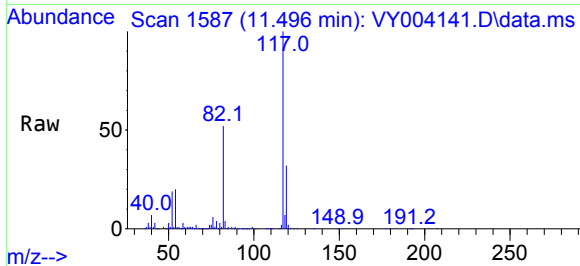




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

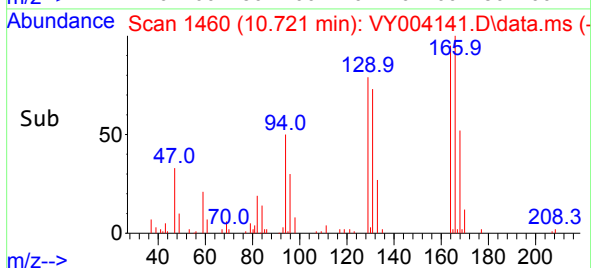
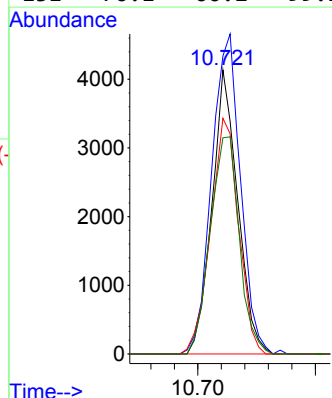
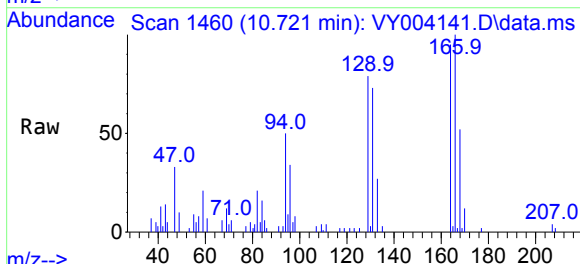
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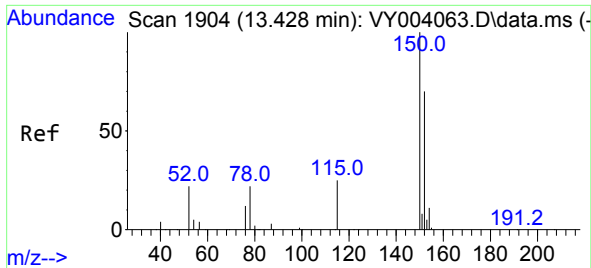
Tgt Ion:117	Resp:	200236	
Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.8	65.6
119	31.6	26.2	39.2



#64
Tetrachloroethene
Concen: 3.76 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt	Ion:164	Resp:	6304
Ion	Ratio	Lower	Upper
164	100		
166	104.9	102.7	154.1
129	83.0	70.6	105.8
131	76.1	66.2	99.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004141.D
 Acq: 19 Mar 2021 16:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-15-21-22

Tgt Ion:152 Resp: 89506
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.6
 150 155.0 0.0 347.2

