

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007183.D
 Acq On : 17 Jan 2022 13:03
 Operator : SY/MD
 Sample : N1152-01
 Misc : 5.37/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-TOPSOIL-01

Quant Time: Jan 18 03:08:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

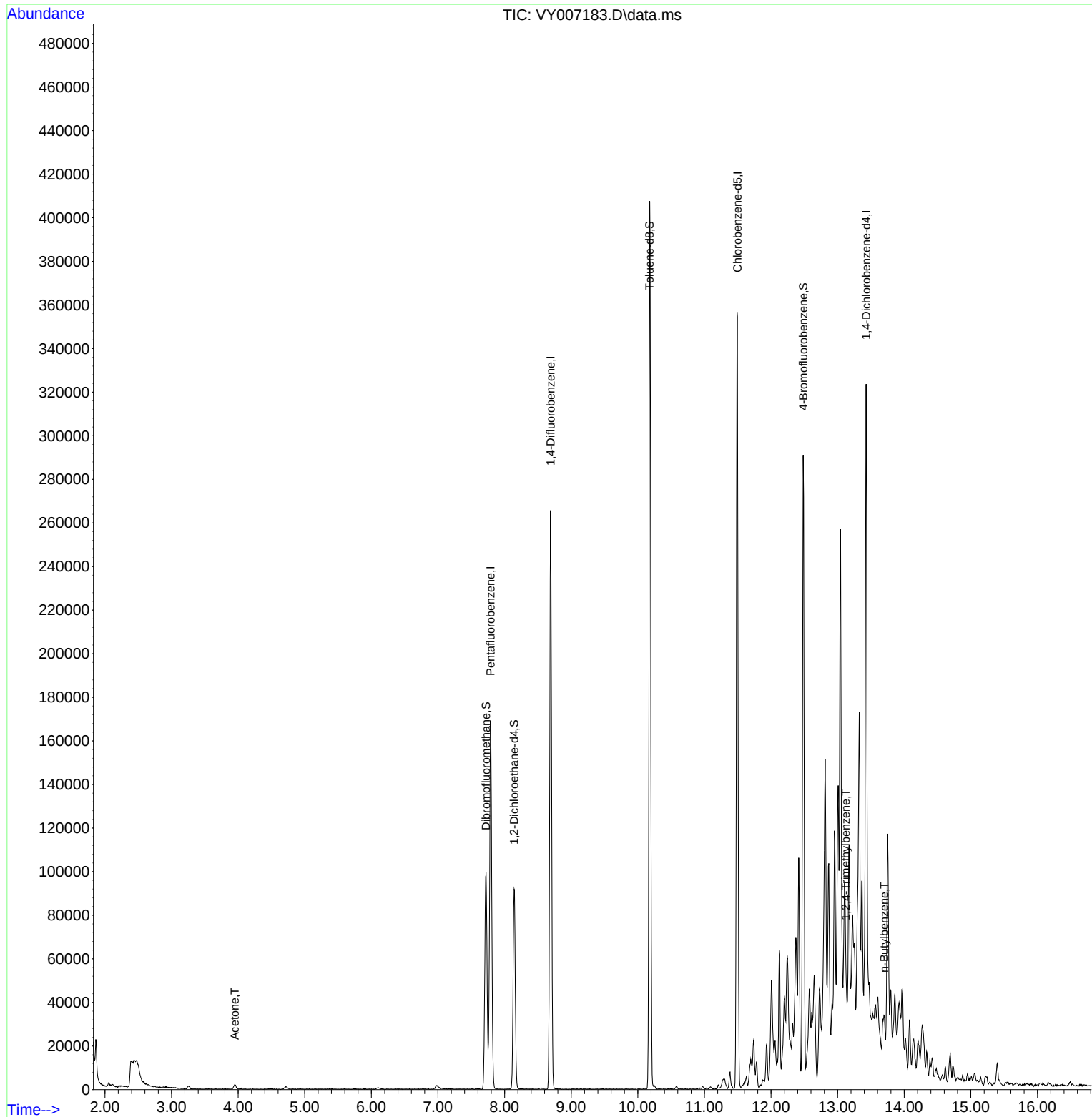
Internal Standards						
1) Pentafluorobenzene	7.789	168	122383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	194098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75675	50.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.722	113	72278	47.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.640%	
50) Toluene-d8	10.179	98	267933	48.515	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.040%	
62) 4-Bromofluorobenzene	12.483	95	87098	44.336	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3750	9.622	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	5655	1.145	ug/l	98
89) n-Butylbenzene	13.702	91	6442	1.236	ug/l #	80

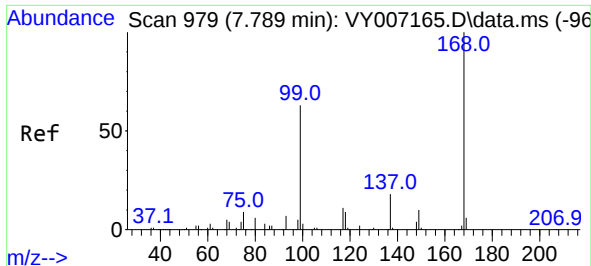
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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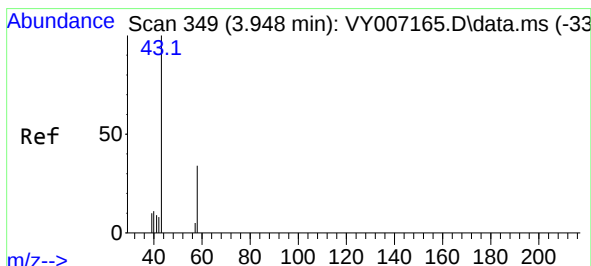
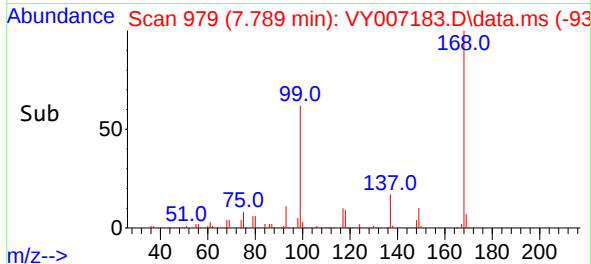
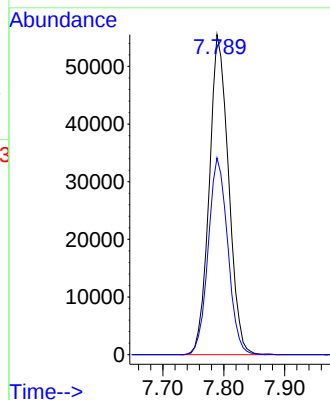
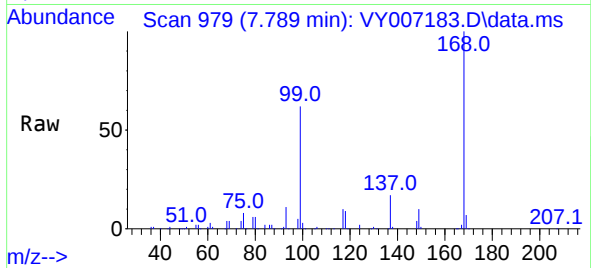




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007183.D
Acq: 17 Jan 2022 13:03

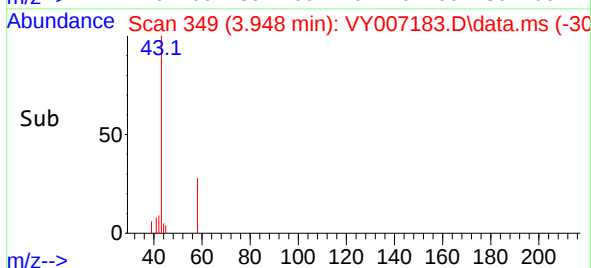
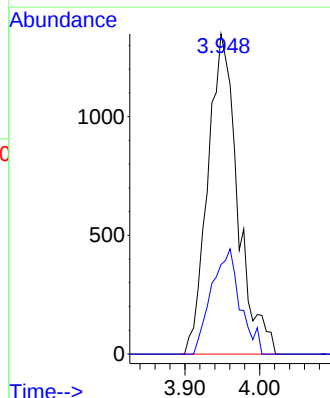
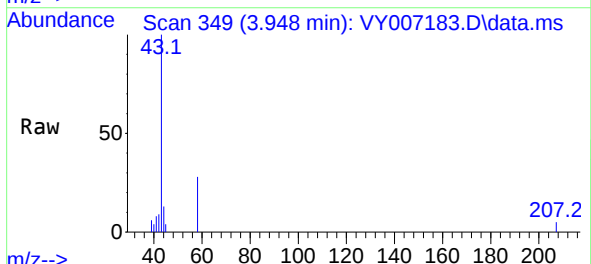
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-01

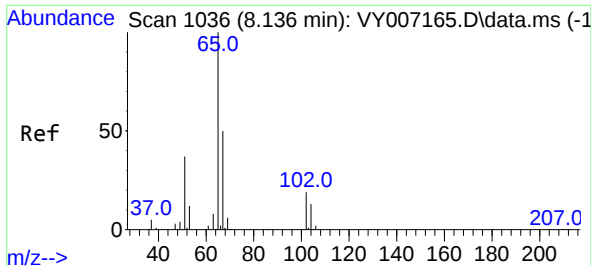
Tgt Ion:168 Resp: 122383
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#16
Acetone
Concen: 9.622 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007183.D
Acq: 17 Jan 2022 13:03

Tgt Ion: 43 Resp: 3750
Ion Ratio Lower Upper
43 100
58 28.0 23.8 35.6

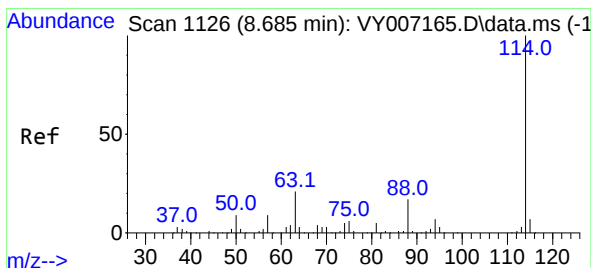
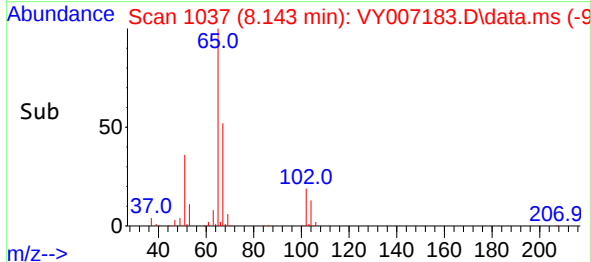
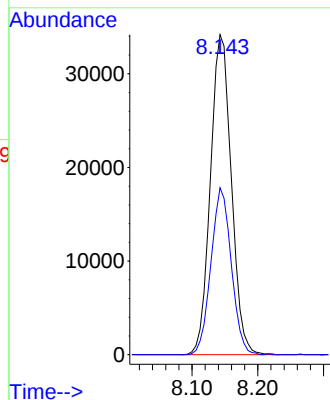
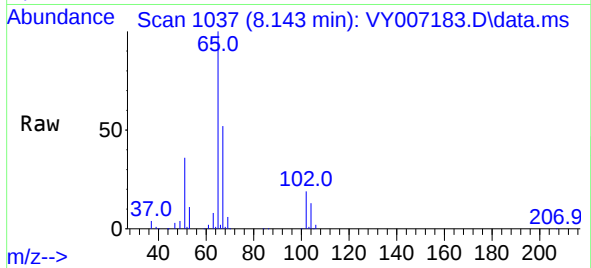




#33
1,2-Dichloroethane-d4
Concen: 50.394 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY007183.D
Acq: 17 Jan 2022 13:03

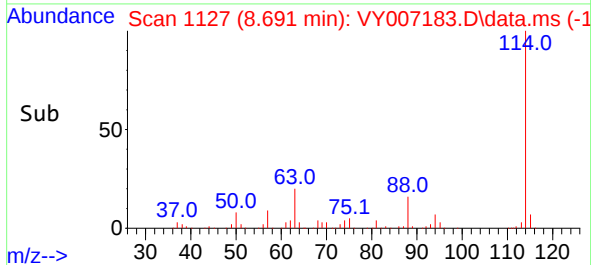
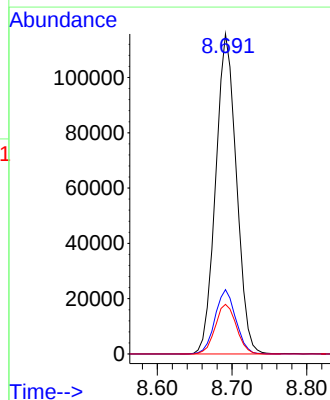
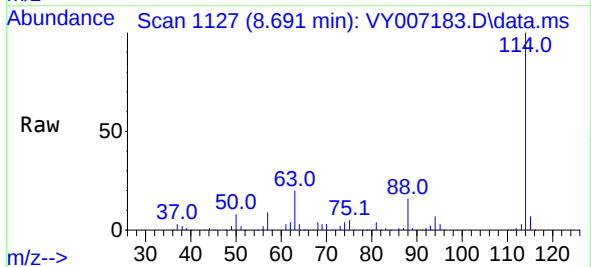
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-01

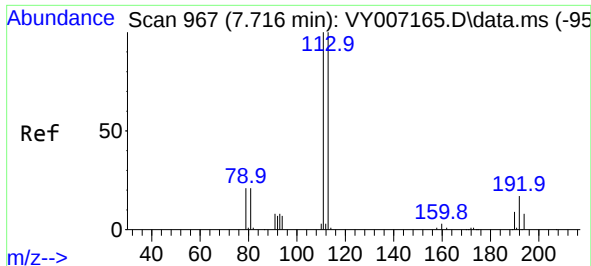
Tgt Ion: 65 Resp: 75675
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007183.D
Acq: 17 Jan 2022 13:03

Tgt Ion: 114 Resp: 223521
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.5 0.0 31.0

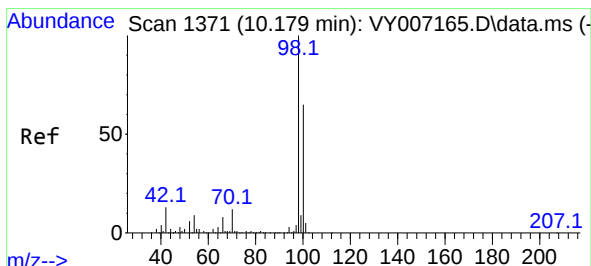
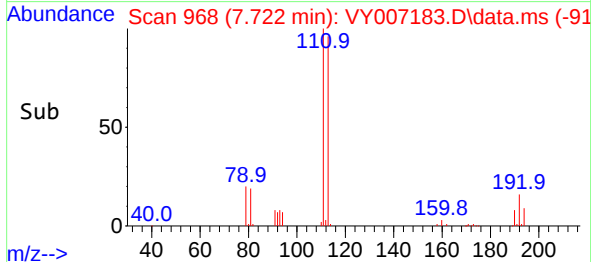
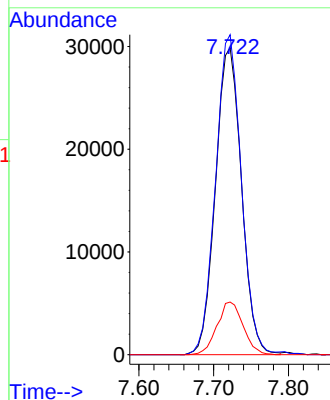
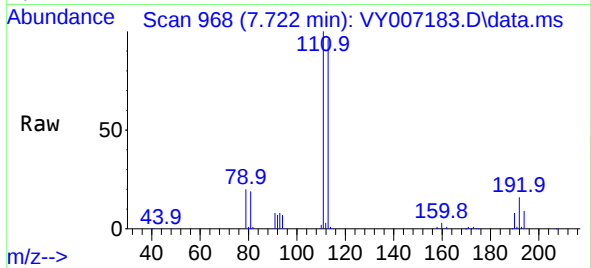




#35
Dibromofluoromethane
Concen: 47.821 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007183.D
Acq: 17 Jan 2022 13:03

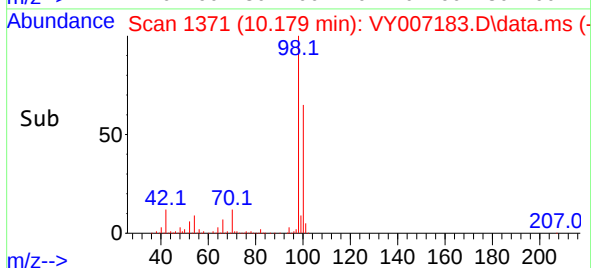
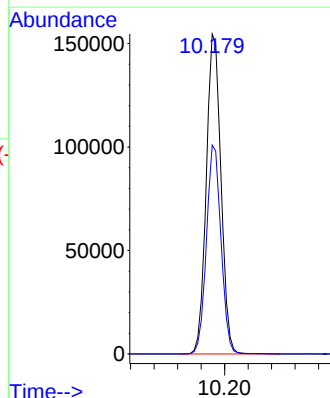
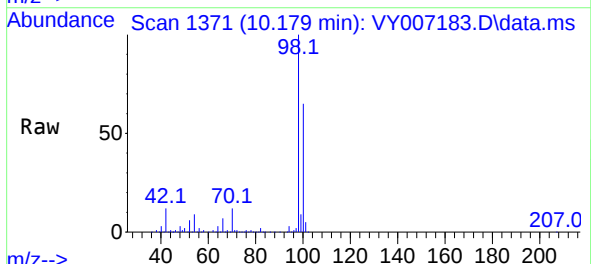
Instrument :
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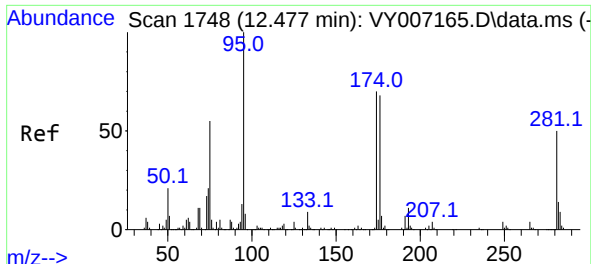
Tgt Ion:113 Resp: 72278
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 17.2 14.2 21.4



#50
Toluene-d8
Concen: 48.515 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007183.D
Acq: 17 Jan 2022 13:03

Tgt Ion: 98 Resp: 267933
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

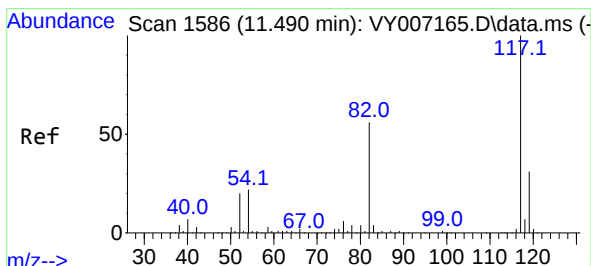
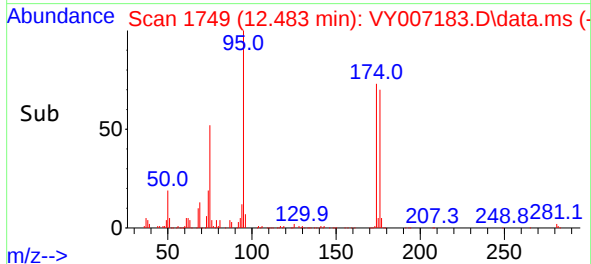
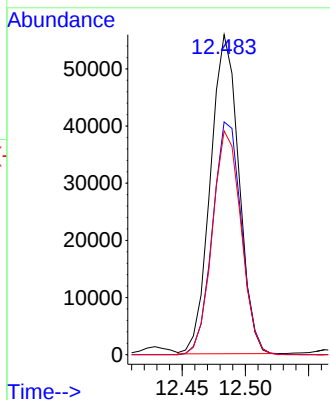
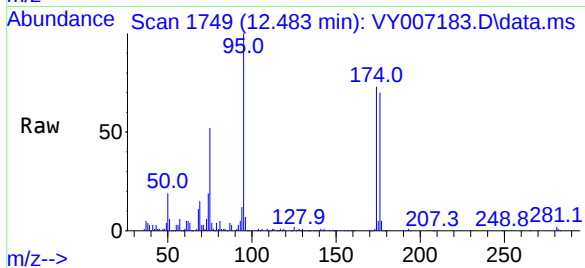




#62
4-Bromofluorobenzene
Concen: 44.336 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007183.D
Acq: 17 Jan 2022 13:03

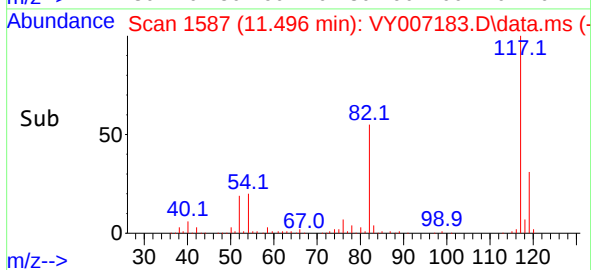
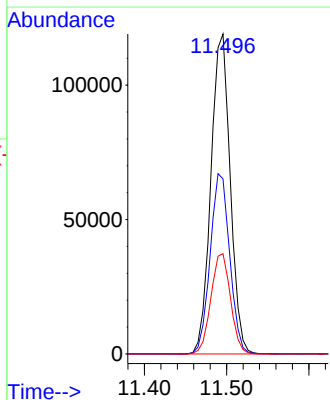
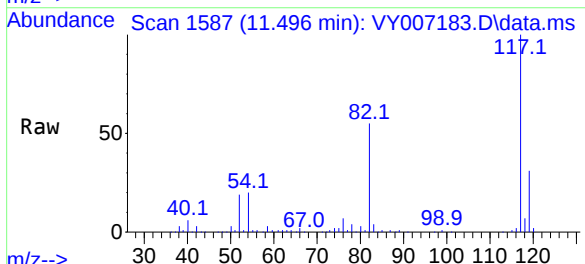
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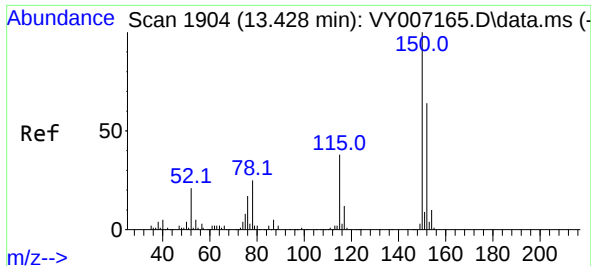
Tgt Ion: 95 Resp: 87098
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.4
176 70.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007183.D
Acq: 17 Jan 2022 13:03

Tgt Ion: 117 Resp: 194098
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 31.3 26.4 39.6

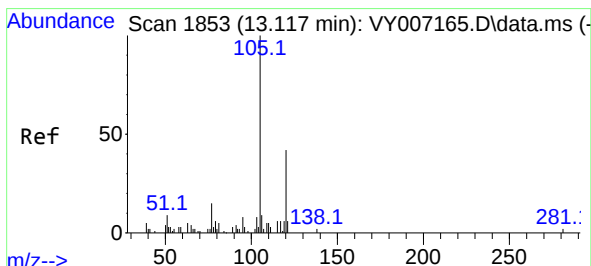
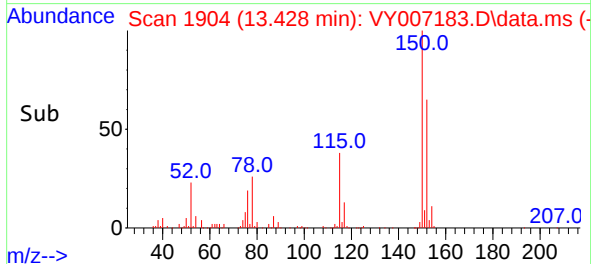
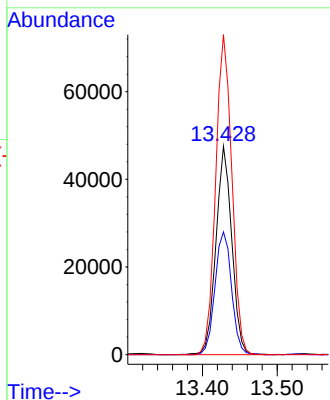
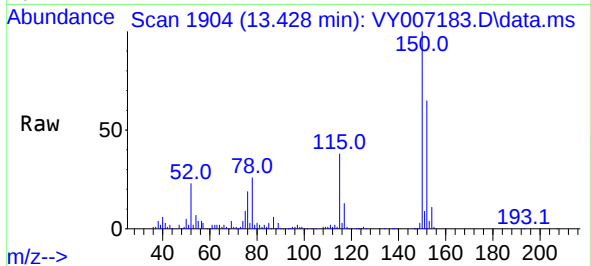




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007183.D
 Acq: 17 Jan 2022 13:03

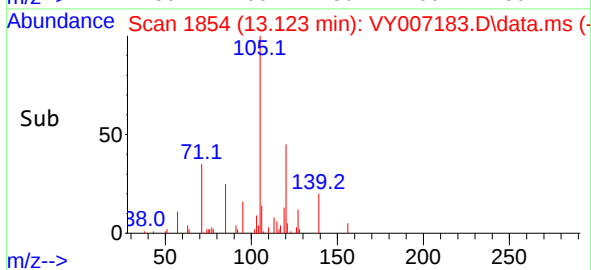
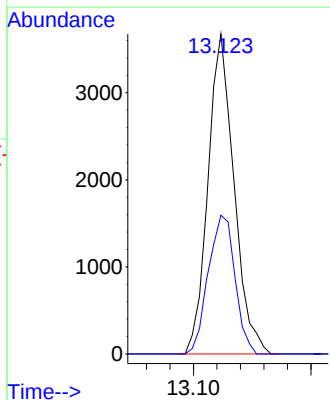
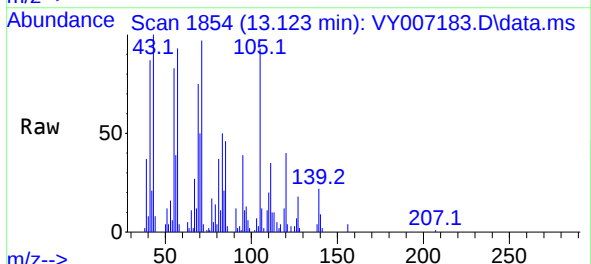
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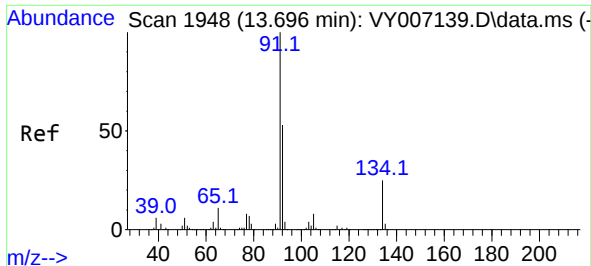
Tgt Ion:152 Resp: 70258
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.4 94.0
 150 156.6 0.0 348.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.145 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY007183.D
 Acq: 17 Jan 2022 13:03

Tgt Ion:105 Resp: 5655
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.6 64.6





#89

n-Butylbenzene

Concen: 1.236 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY007183.D

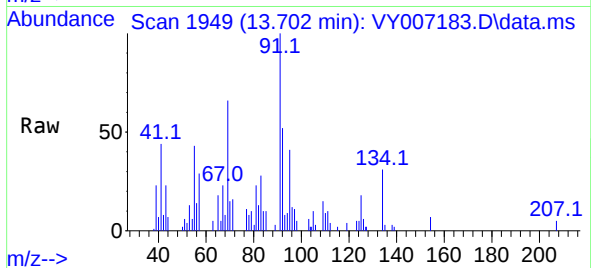
Acq: 17 Jan 2022 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VACLOT-TOPSOIL-01



Tgt Ion: 91 Resp: 6442

Ion Ratio Lower Upper

91 100

92 49.0 26.9 80.6

134 0.0 12.6 37.6#

