

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007230.D
 Acq On : 19 Jan 2022 19:02
 Operator : SY/MD
 Sample : N1189-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-7

Quant Time: Jan 20 00:18:04 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)

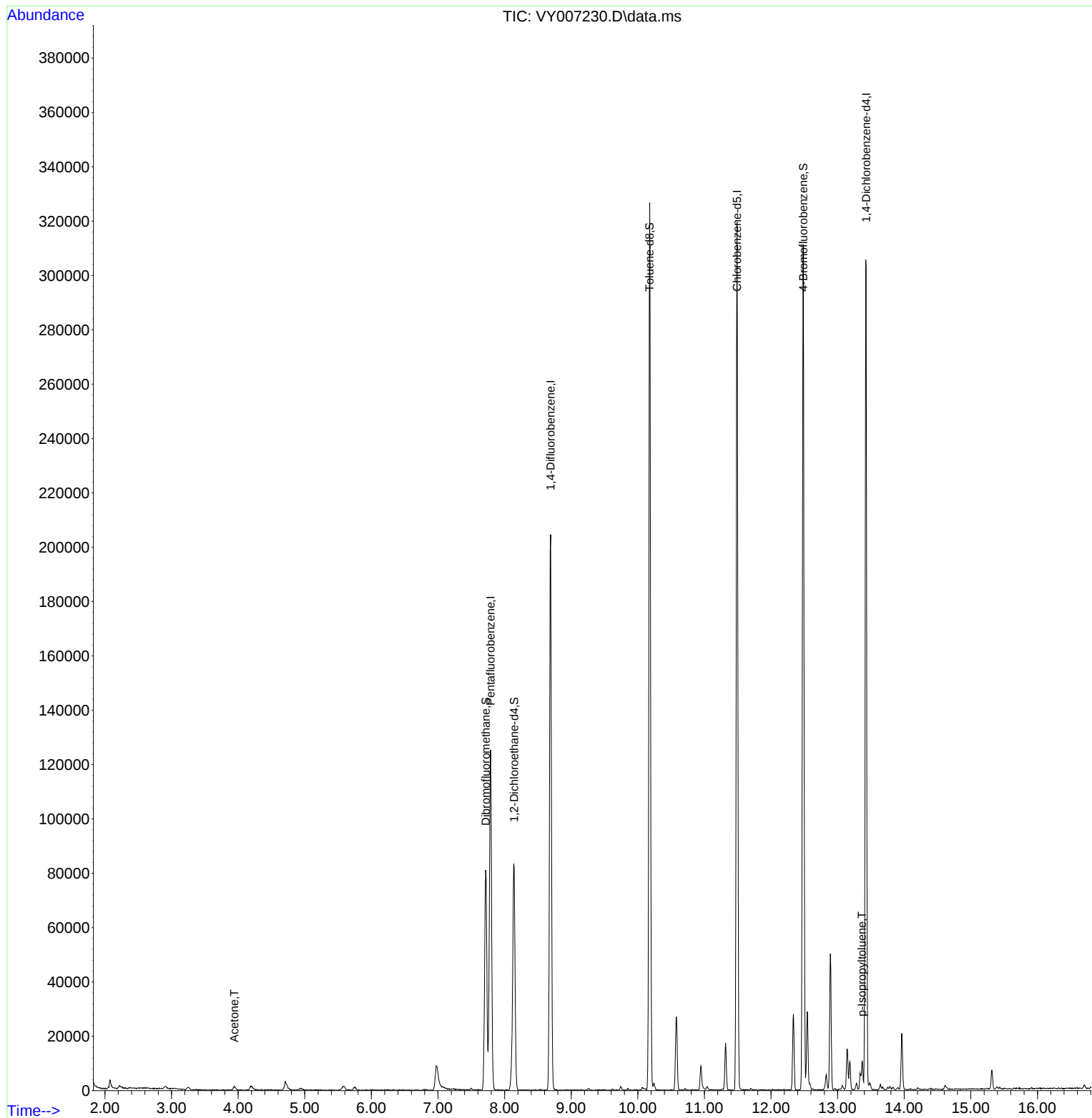
Internal Standards						
1) Pentafluorobenzene	7.789	168	90831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64234	57.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.260%
35) Dibromofluoromethane	7.716	113	58083	50.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.179	98	209691	49.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.483	95	78880	52.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.580%
Target Compounds						
16) Acetone	3.942	43	2352	8.132	ug/l	93
86) p-Isopropyltoluene	13.367	119	5939	1.075	ug/l	91

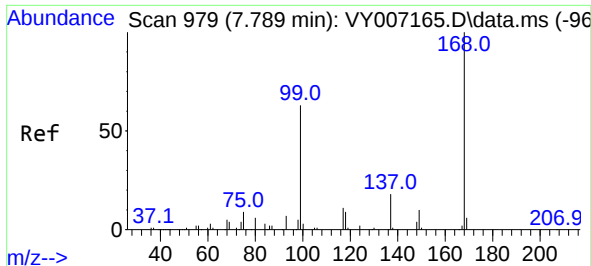
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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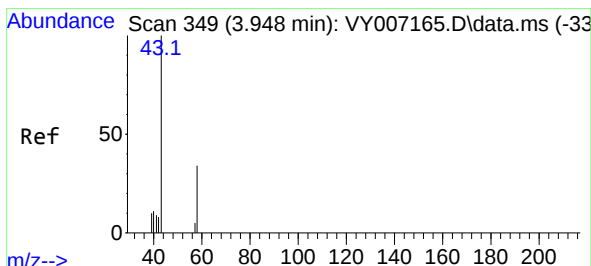
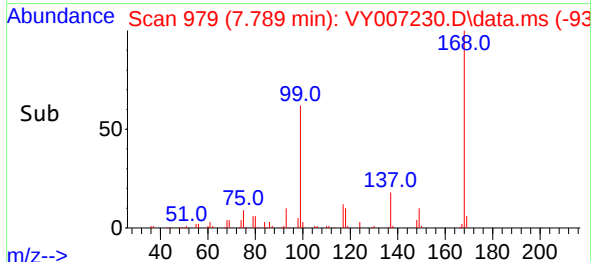
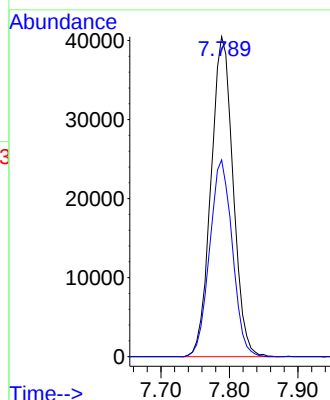
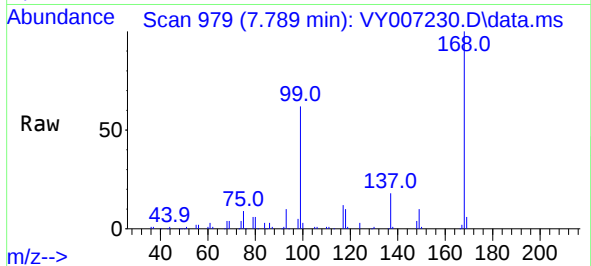




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

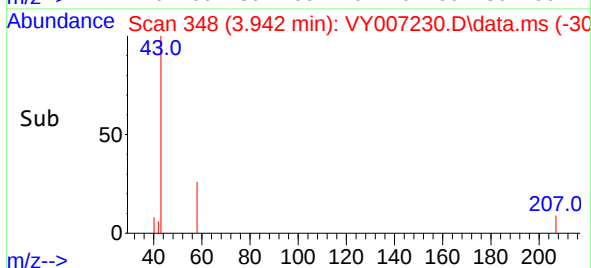
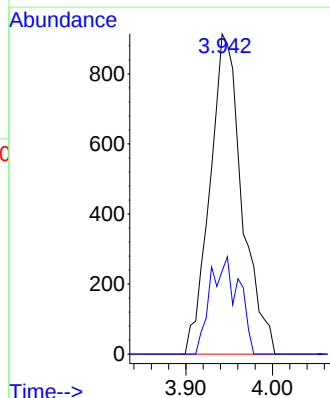
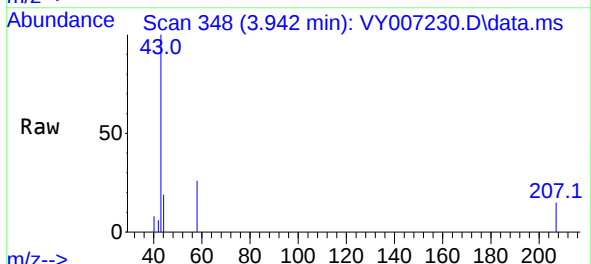
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-7

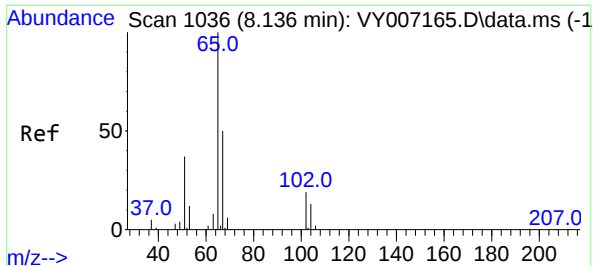
Tgt Ion:168 Resp: 90831
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#16
Acetone
Concen: 8.132 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 57.634 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007230.D

Acq: 19 Jan 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

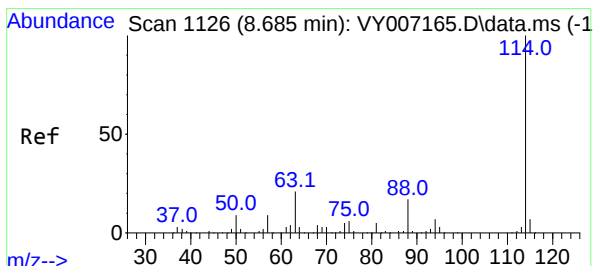
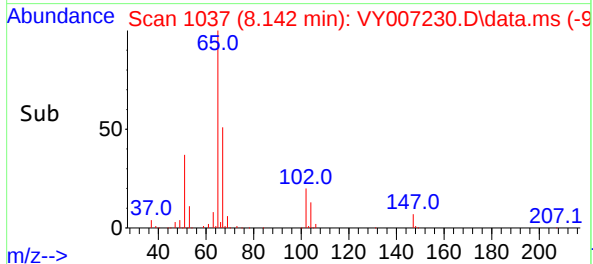
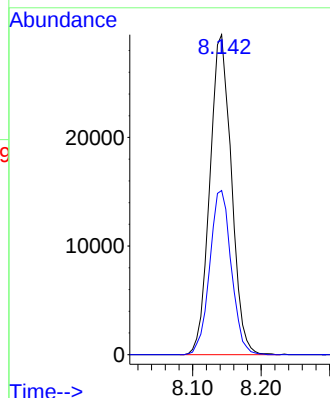
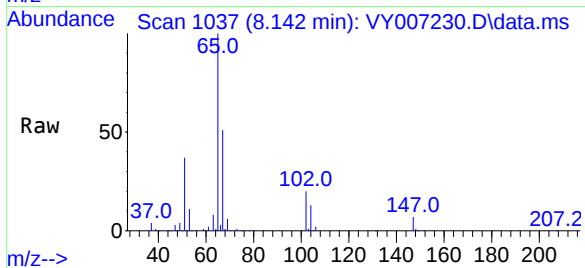
MTR-SOIL-7

Tgt Ion: 65 Resp: 64234

Ion Ratio Lower Upper

65 100

67 51.5 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: VY007230.D

Acq: 19 Jan 2022 19:02

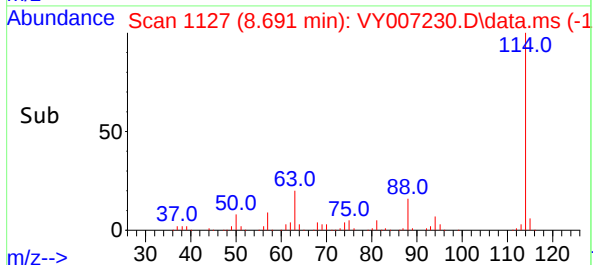
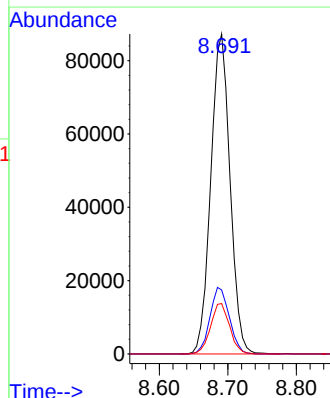
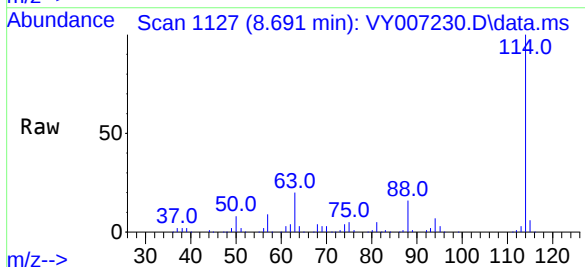
Tgt Ion: 114 Resp: 170010

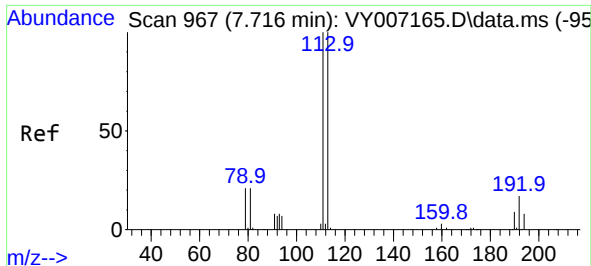
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.7 0.0 31.0

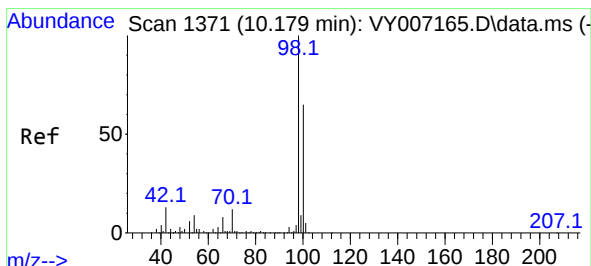
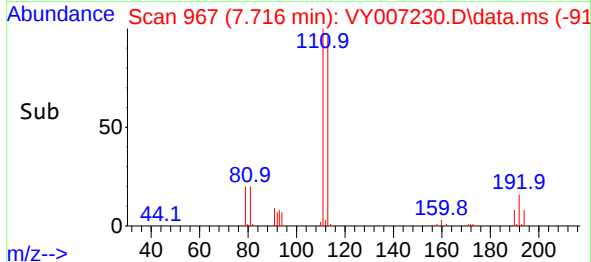
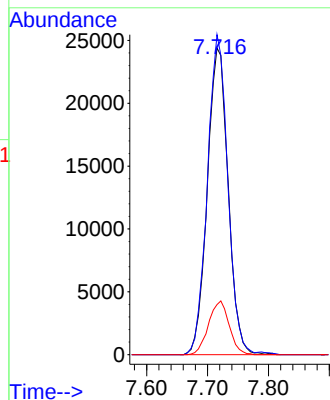
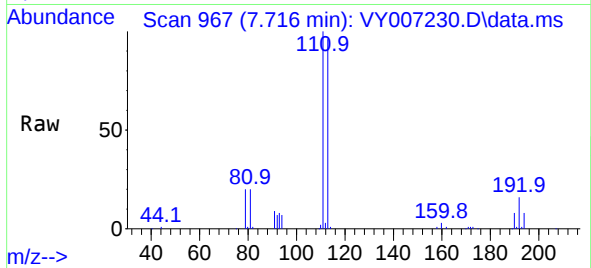




#35
Dibromofluoromethane
Concen: 50.525 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

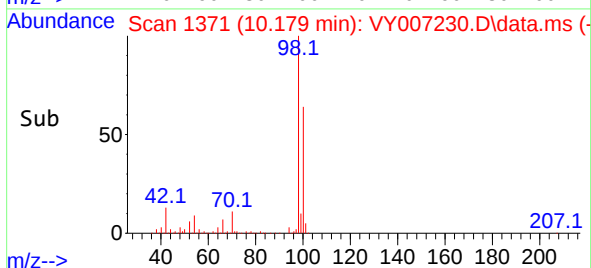
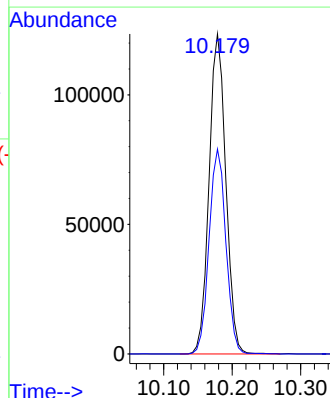
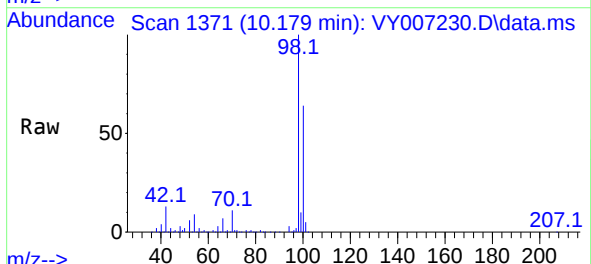
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-7

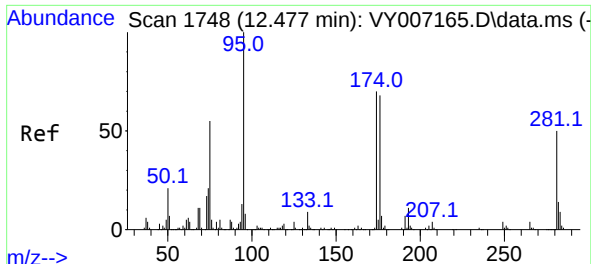
Tgt Ion:113 Resp: 58083
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.3 14.2 21.4



#50
Toluene-d8
Concen: 49.920 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion: 98 Resp: 209691
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

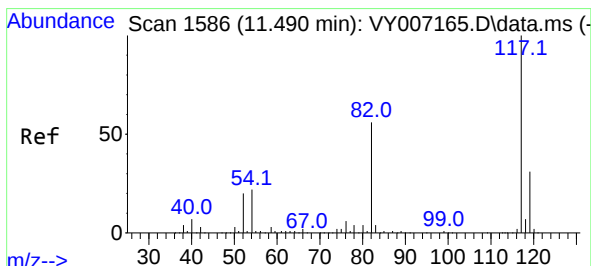
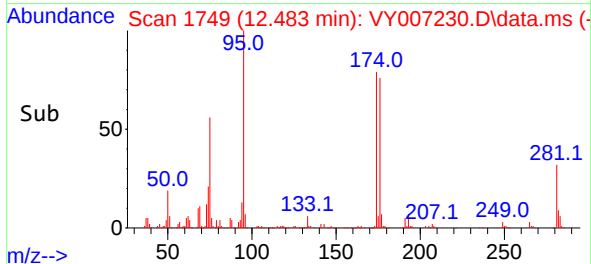
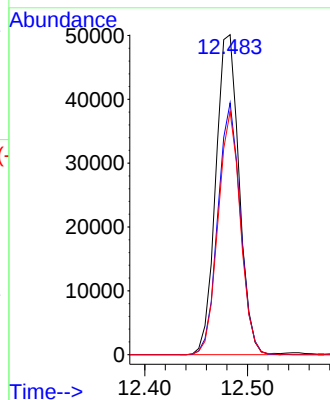
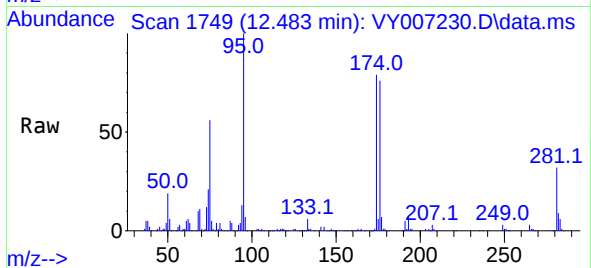




#62
4-Bromofluorobenzene
Concen: 52.791 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

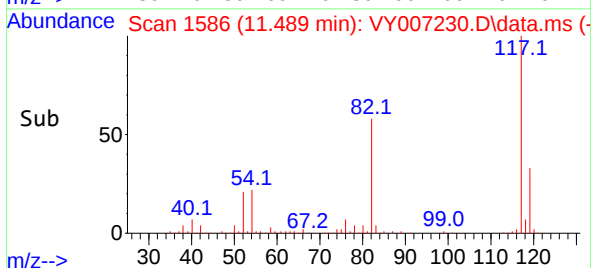
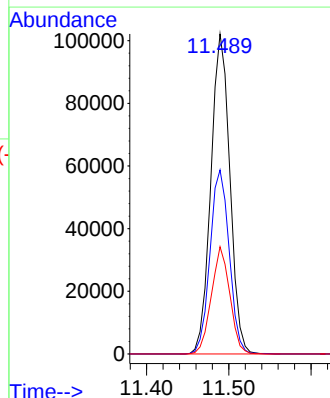
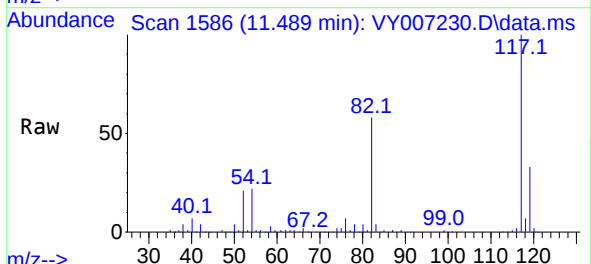
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MSVOA_Y
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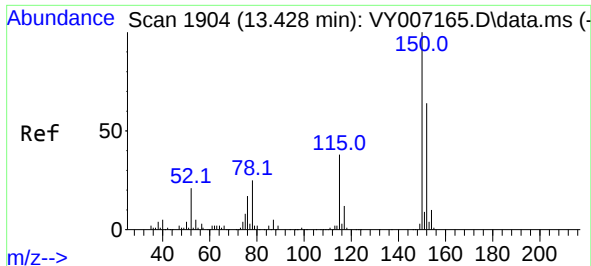
Tgt Ion:	95	Resp:	78880
Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	148.4
176	72.5	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion:	117	Resp:	164105
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.0
119	33.5	26.4	39.6

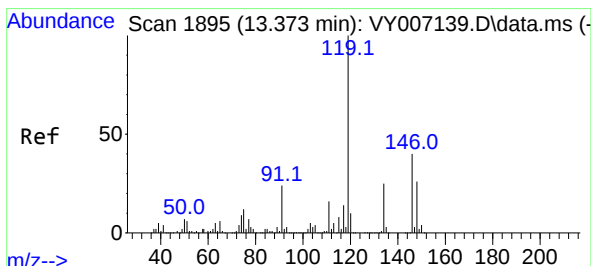
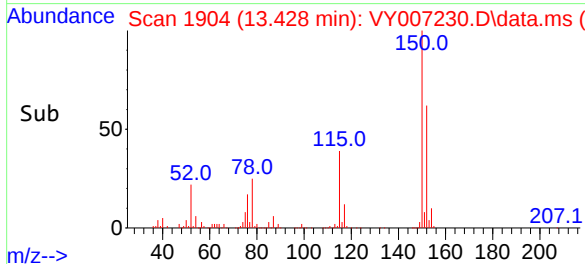
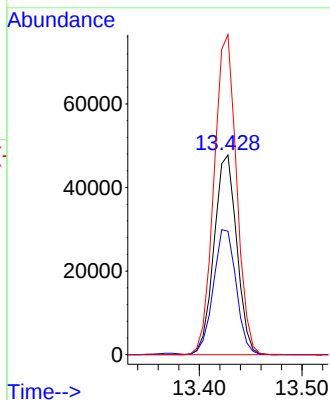
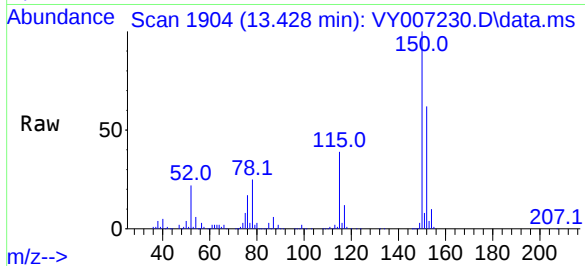




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-7

Tgt Ion:152 Resp: 73308
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.0
150 158.8 0.0 348.4



#86
p-Isopropyltoluene
Concen: 1.075 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY007230.D
Acq: 19 Jan 2022 19:02

Tgt Ion:119 Resp: 5939
Ion Ratio Lower Upper
119 100
134 26.6 12.9 38.7
91 32.8 12.4 37.2

