

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030335.D
 Acq On : 01 Aug 2022 20:12
 Operator : JC/MD
 Sample : N3964-01 10X
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HMGP-SOIL-A

Quant Time: Aug 02 01:57:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

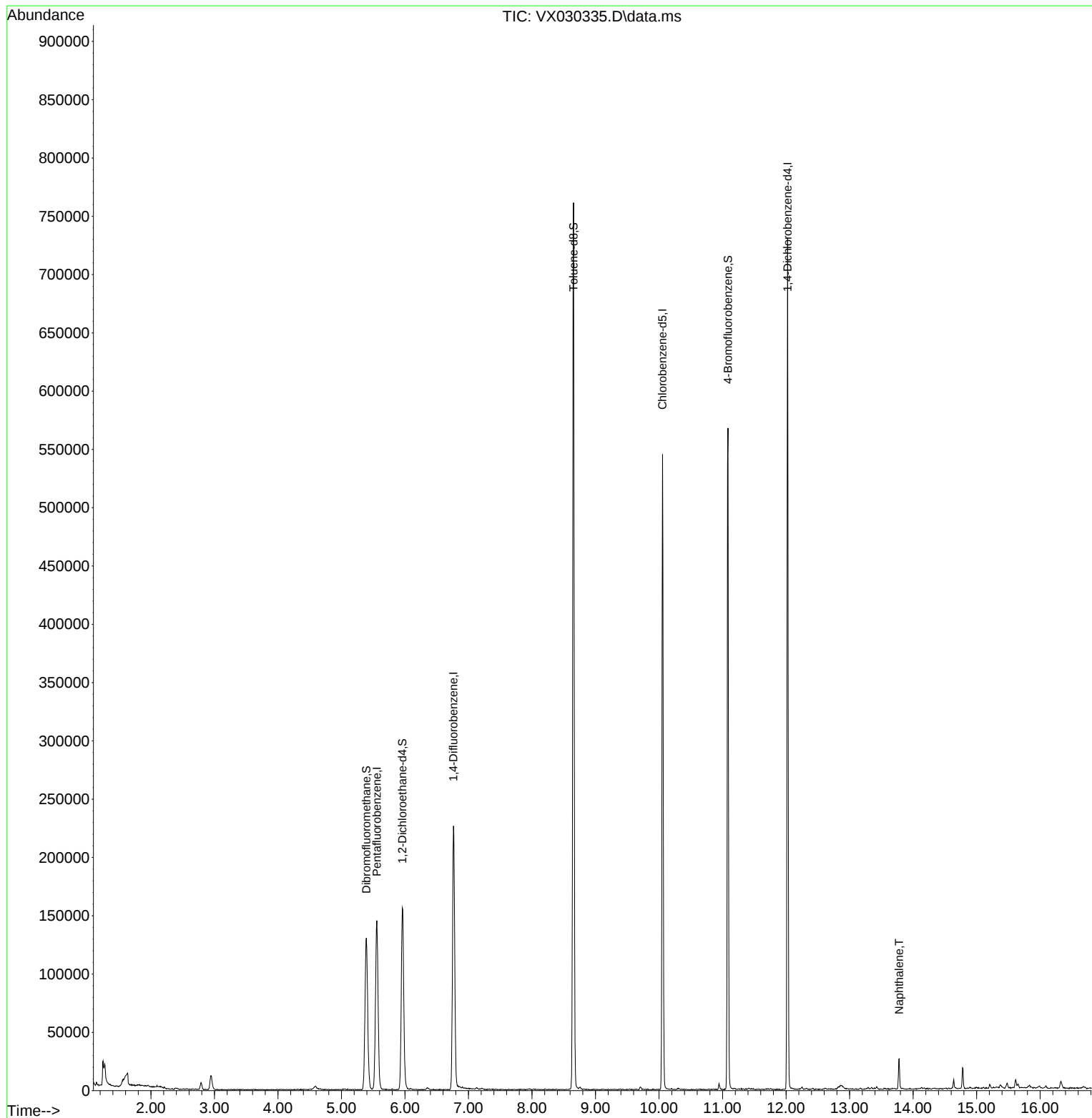
Internal Standards						
1) Pentafluorobenzene	5.556	168	135413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234448	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150401	55.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.520%
35) Dibromofluoromethane	5.391	113	116906	52.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.320%
50) Toluene-d8	8.653	98	447942	51.610	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.220%
62) 4-Bromofluorobenzene	11.085	95	158663	49.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%
Target Compounds						
						Qvalue
95) Naphthalene	13.780	128	15928	1.463	ug/l	100

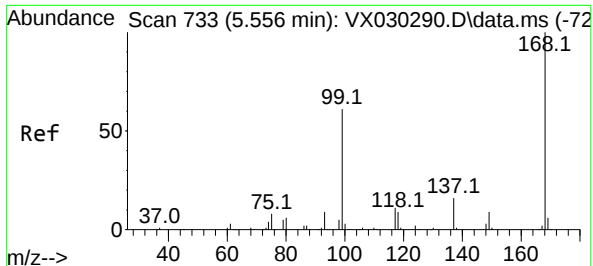
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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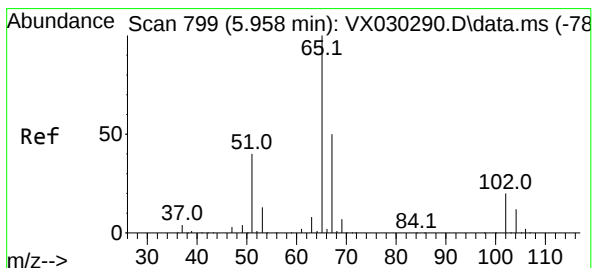
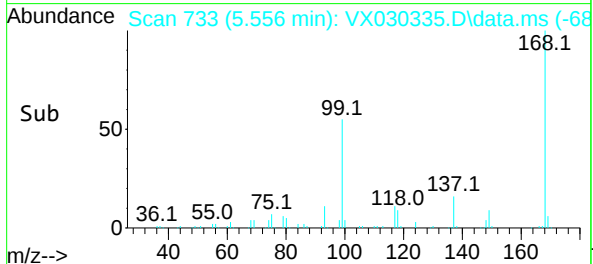
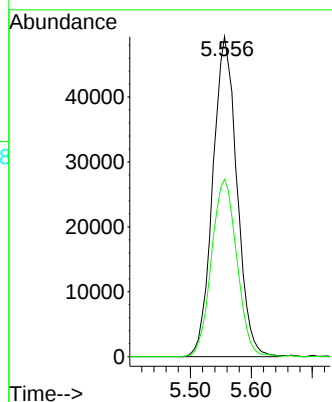
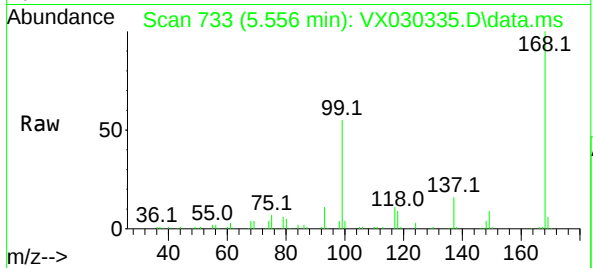




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX030335.D
Acq: 01 Aug 2022 20:12

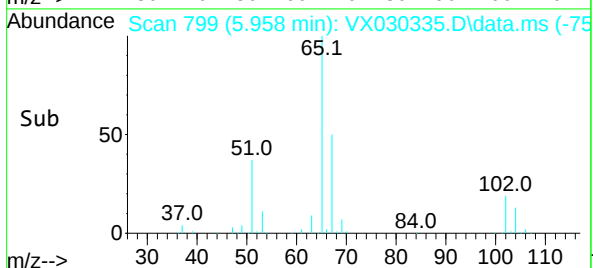
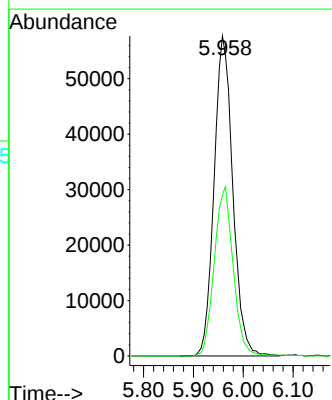
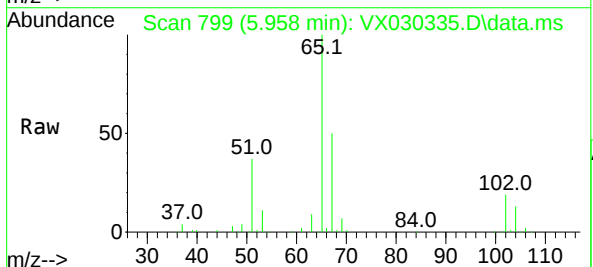
Instrument :
MSVOA_X
ClientSampleId :
HMGP-SOIL-A

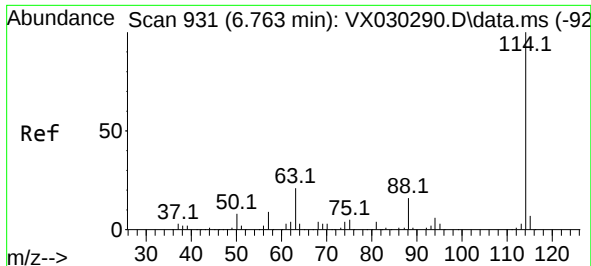
Tgt Ion:168 Resp: 135413
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 55.260 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030335.D
Acq: 01 Aug 2022 20:12

Tgt Ion: 65 Resp: 150401
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6

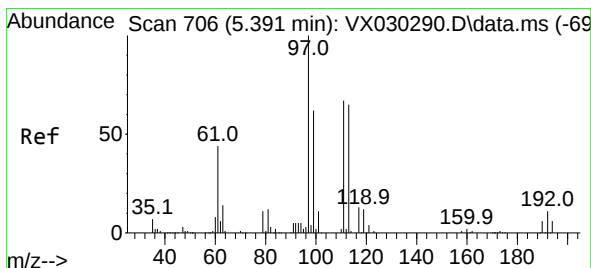
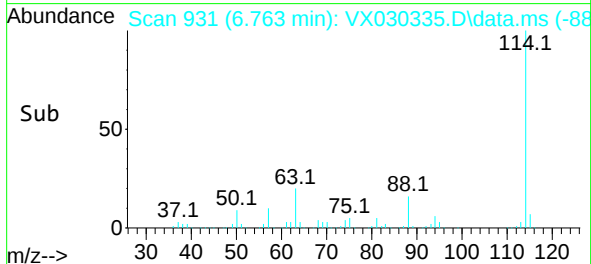
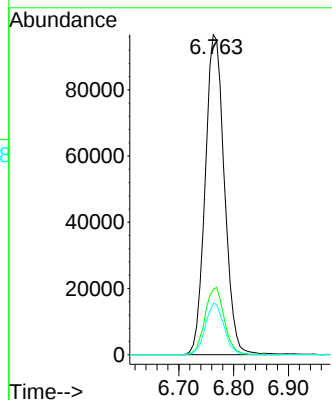
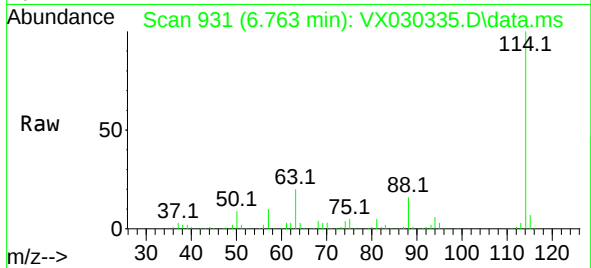




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030335.D
Acq: 01 Aug 2022 20:12

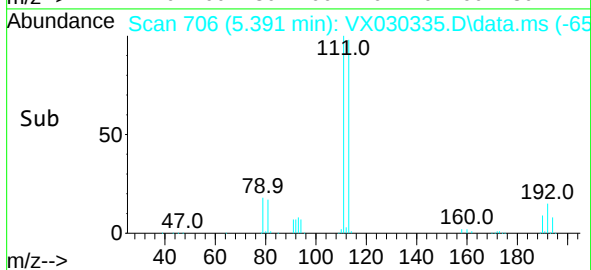
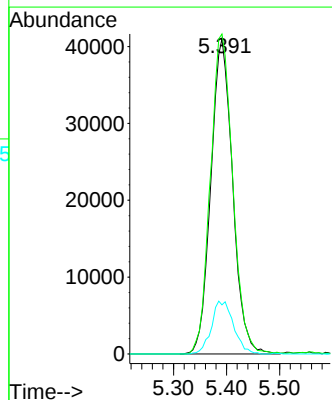
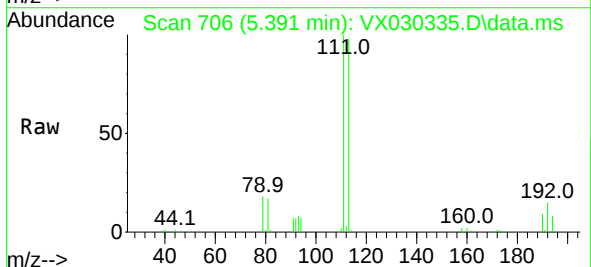
Instrument :
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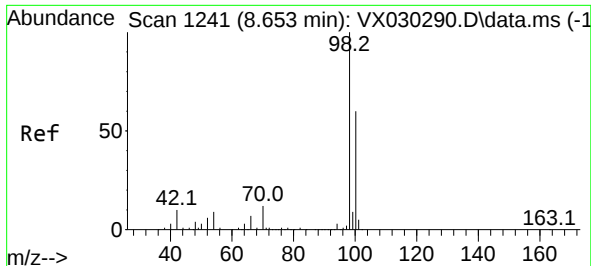
Tgt Ion:114 Resp: 234448
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.4
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.162 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030335.D
Acq: 01 Aug 2022 20:12

Tgt Ion:113 Resp: 116906
Ion Ratio Lower Upper
113 100
111 104.5 83.2 124.8
192 17.0 14.8 22.2

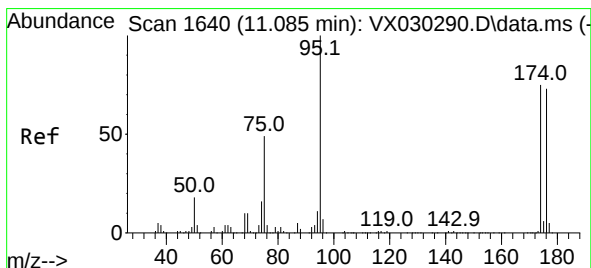
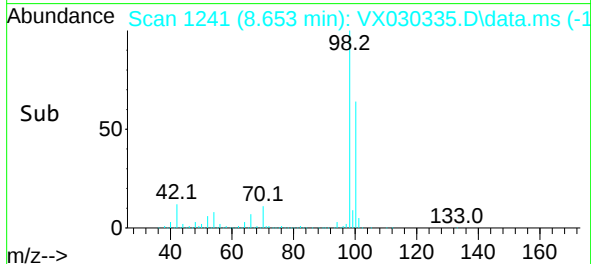
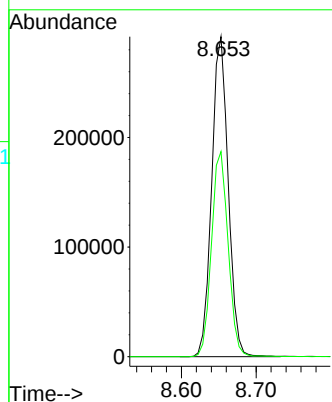
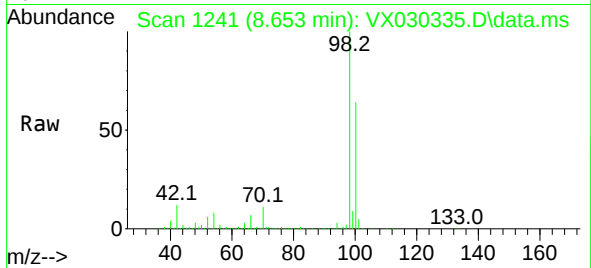




#50
Toluene-d8
Concen: 51.610 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030335.D
Acq: 01 Aug 2022 20:12

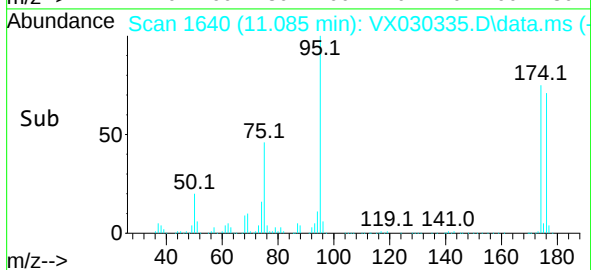
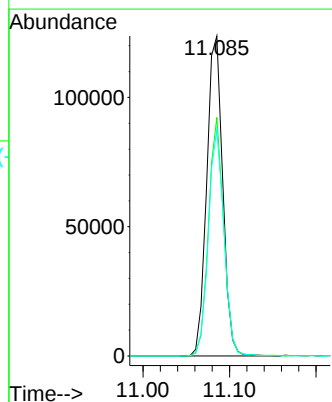
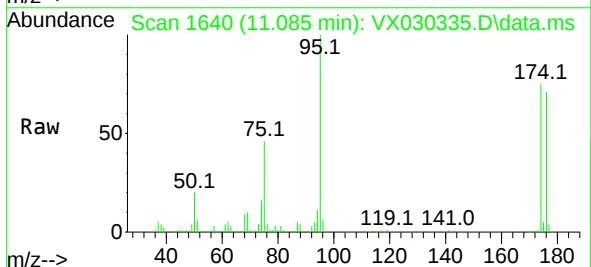
Instrument :
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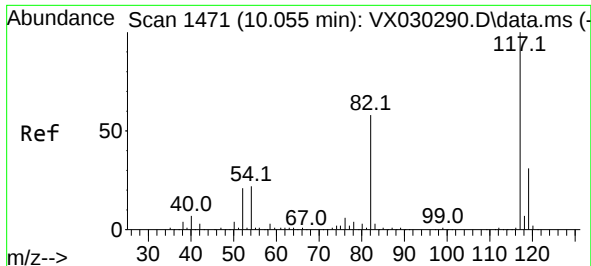
Tgt Ion: 98 Resp: 447942
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.257 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030335.D
Acq: 01 Aug 2022 20:12

Tgt Ion: 95 Resp: 158663
Ion Ratio Lower Upper
95 100
174 70.9 0.0 149.0
176 68.8 0.0 146.0

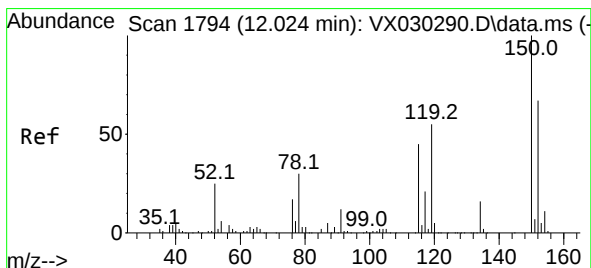
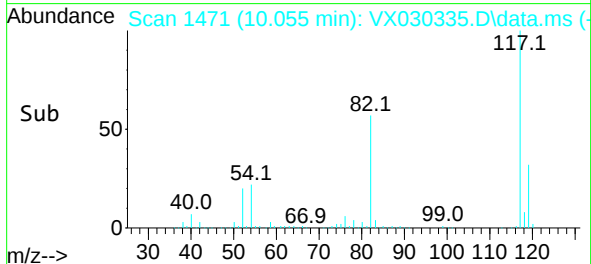
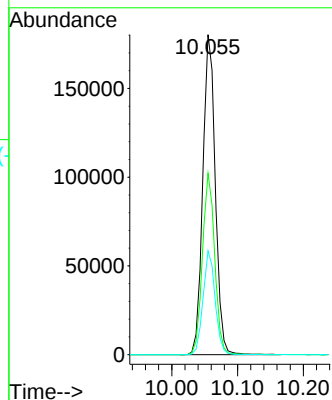
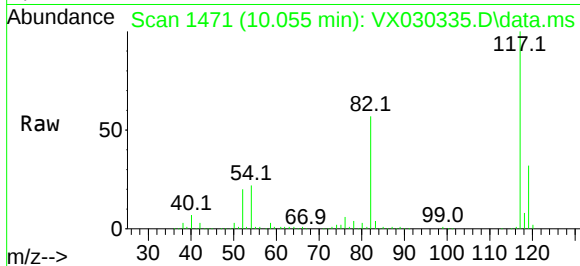




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030335.D
Acq: 01 Aug 2022 20:12

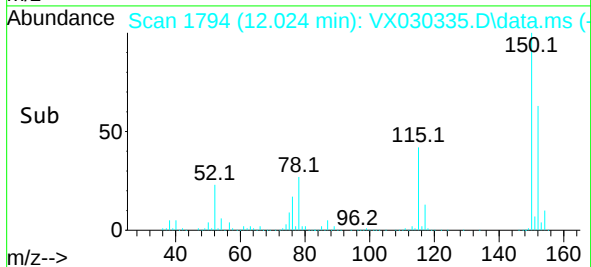
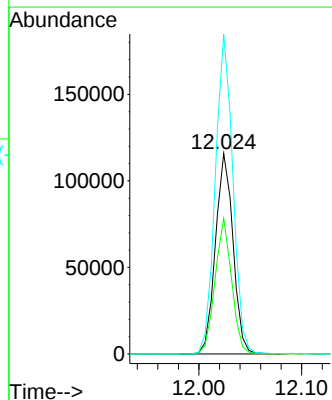
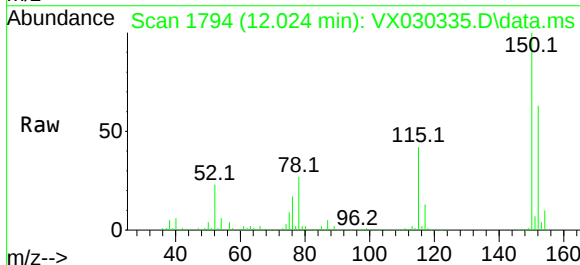
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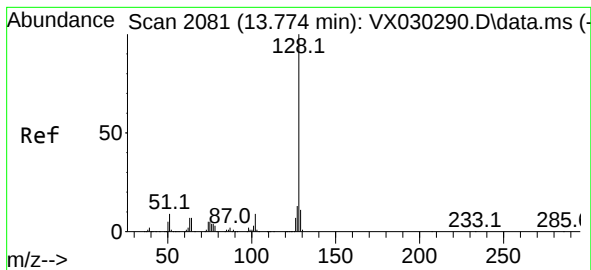
Tgt Ion:117 Resp: 238107
Ion Ratio Lower Upper
117 100
82 56.7 42.7 64.1
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030335.D
Acq: 01 Aug 2022 20:12

Tgt Ion:152 Resp: 137369
Ion Ratio Lower Upper
152 100
115 63.8 40.5 121.5
150 158.9 0.0 347.0





#95

Naphthalene

Concen: 1.463 ug/l

RT: 13.780 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX030335.D

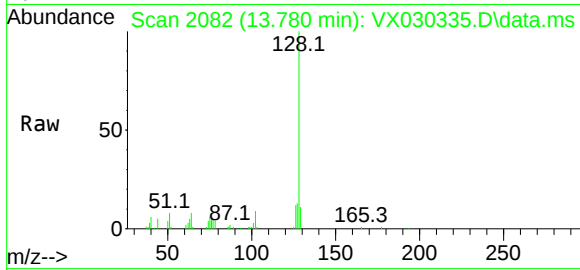
Acq: 01 Aug 2022 20:12

Instrument :

MSVOA_X

ClientSampleId :

HMGP-SOIL-A



Tgt Ion:128 Resp: 15928

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.6 13.0

