

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015388.D
 Acq On : 30 Aug 2023 19:23
 Operator : SY/MD
 Sample : 04212-03
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-OU3-DENALI-3

Quant Time: Aug 31 01:04:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	218232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143860	61.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.980%
35) Dibromofluoromethane	7.716	113	117932	55.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.179	98	439828	56.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.780%
62) 4-Bromofluorobenzene	12.477	95	140447	48.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.860%

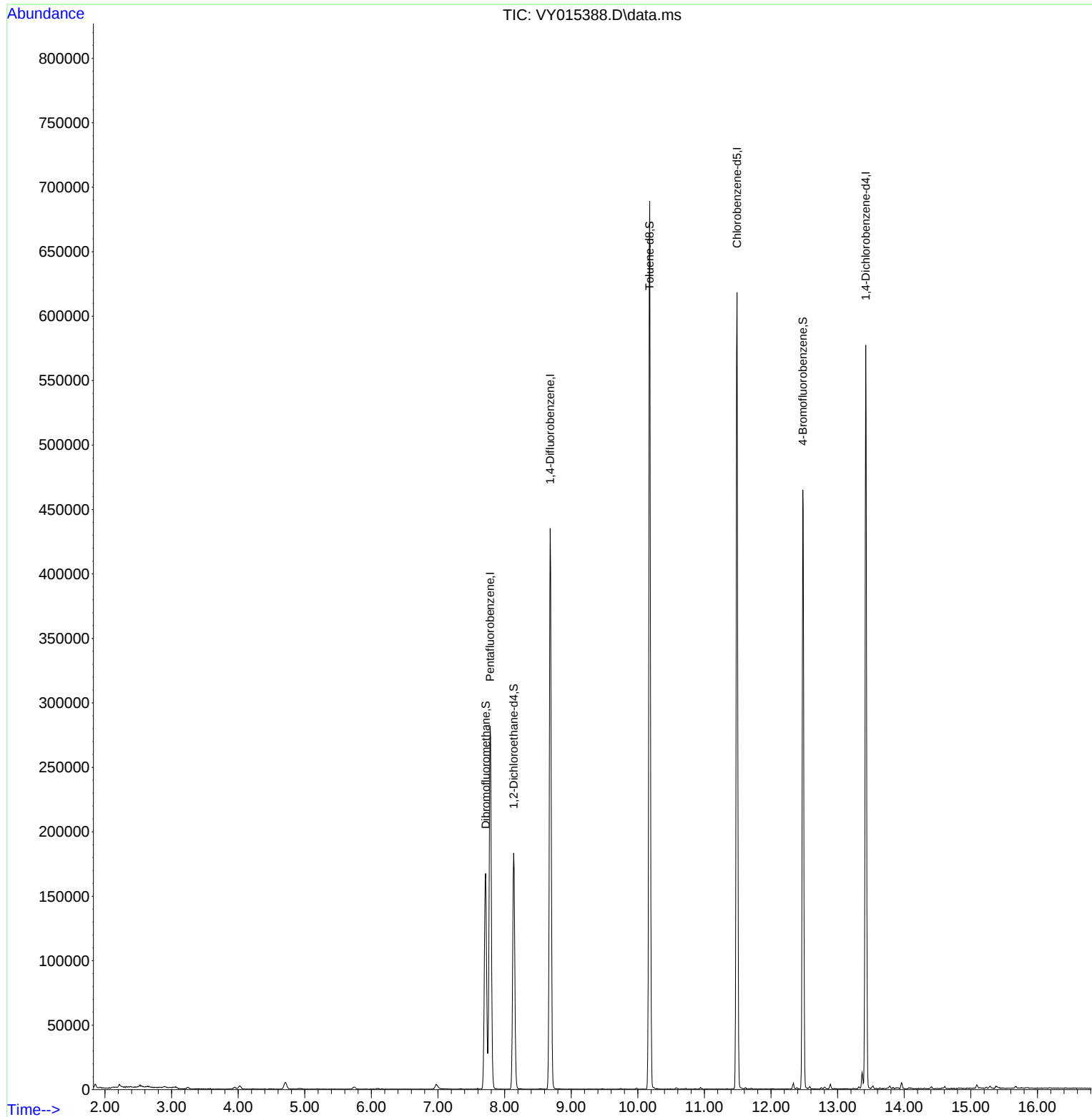
Target Compounds	Qvalue

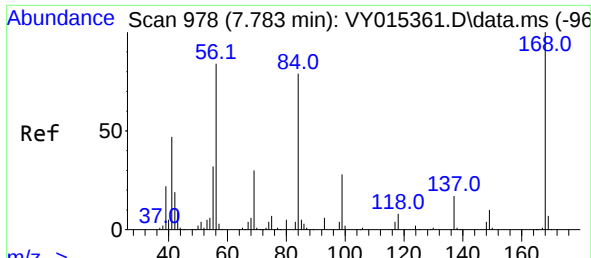
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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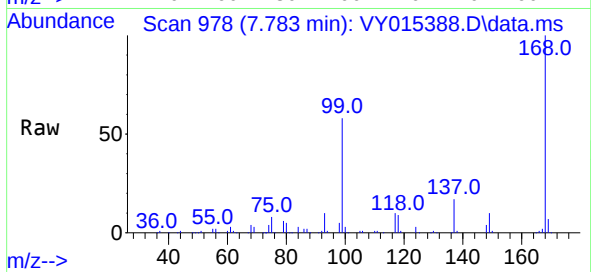
Quant Time: Aug 31 01:04:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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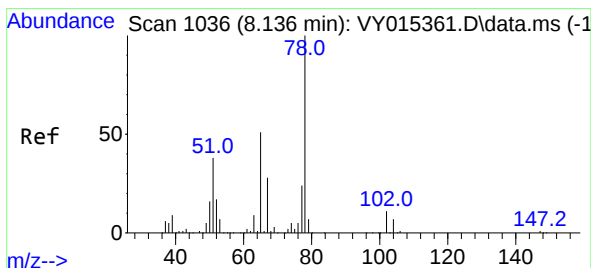
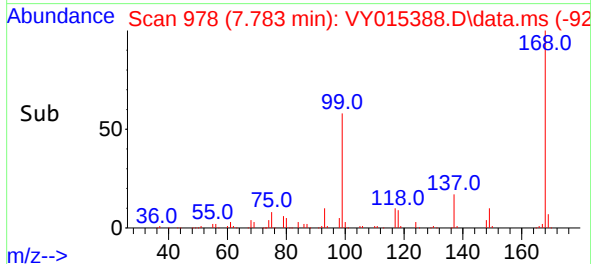
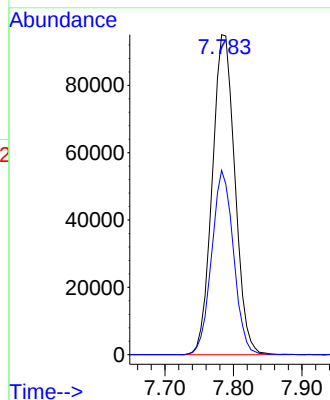


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-DENALI-3

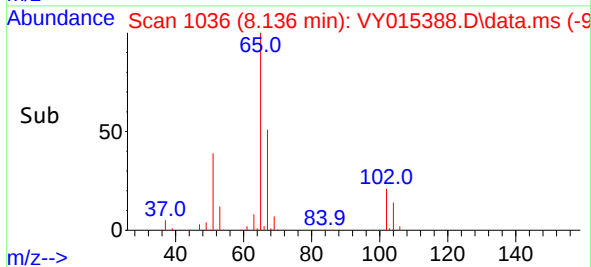
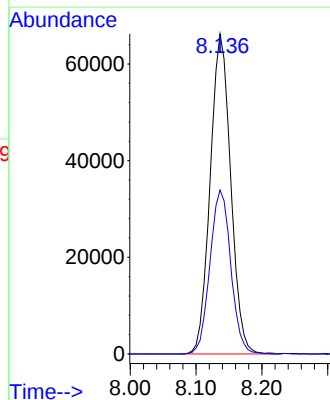
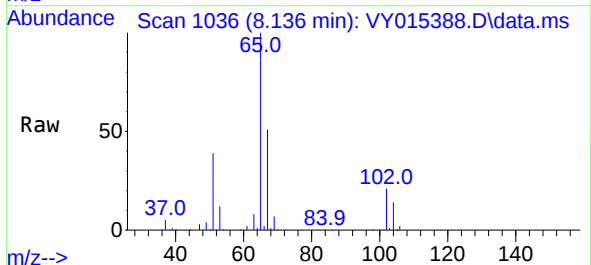


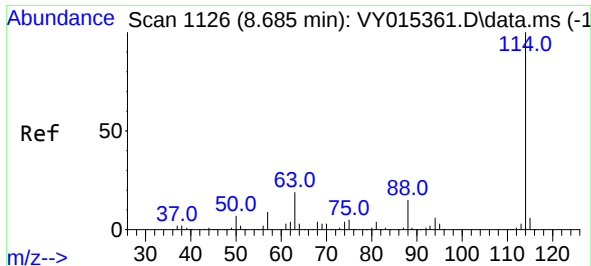
Tgt Ion:168 Resp: 218232
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.494 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Tgt Ion: 65 Resp: 143860
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015388.D

Acq: 30 Aug 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

TOPSOIL-OU3-DENALI-3

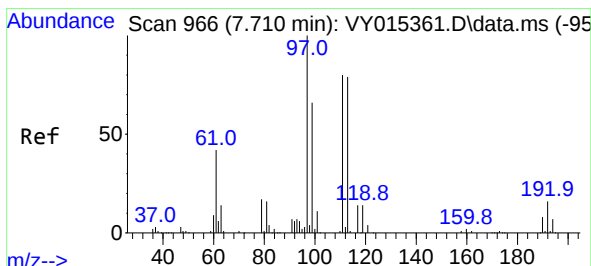
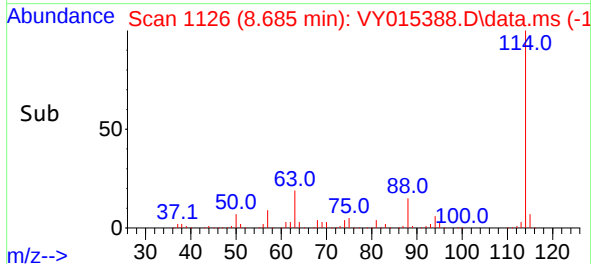
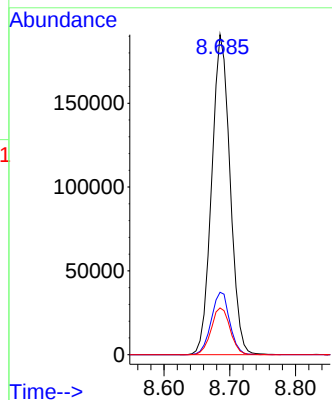
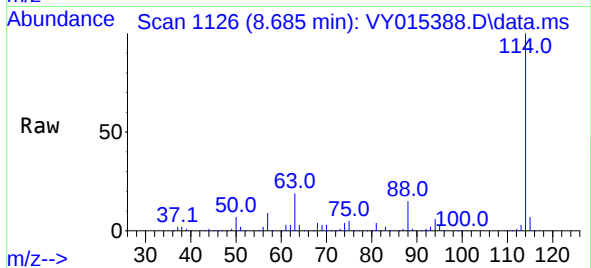
Tgt Ion:114 Resp: 370657

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.240 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015388.D

Acq: 30 Aug 2023 19:23

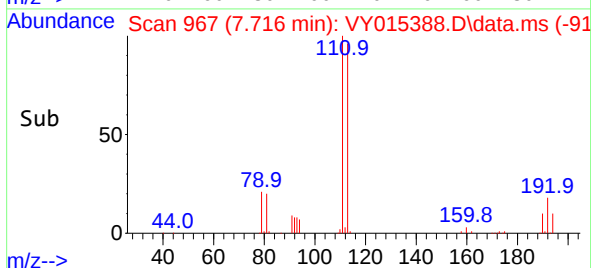
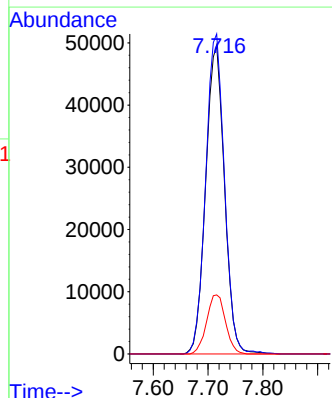
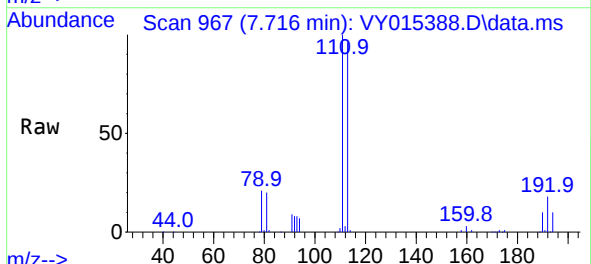
Tgt Ion:113 Resp: 117932

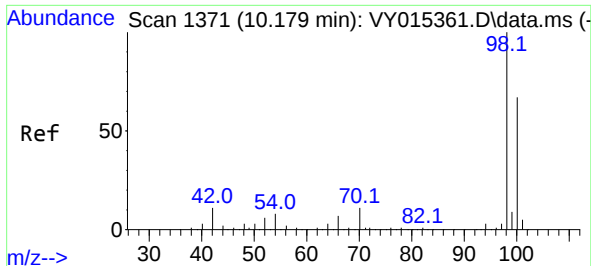
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.2 16.9 25.3

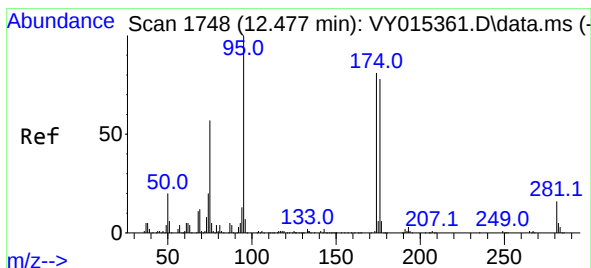
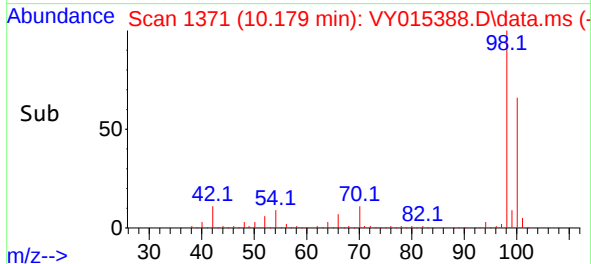
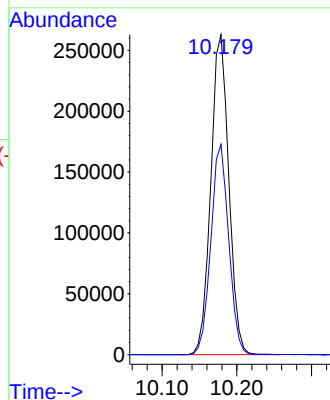
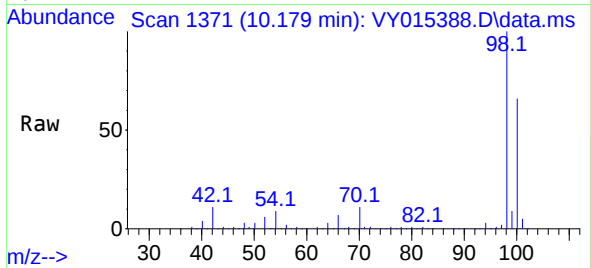




#50
Toluene-d8
Concen: 56.889 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

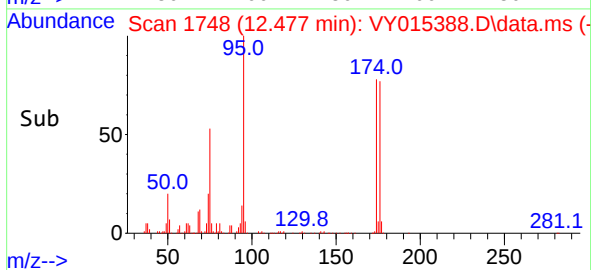
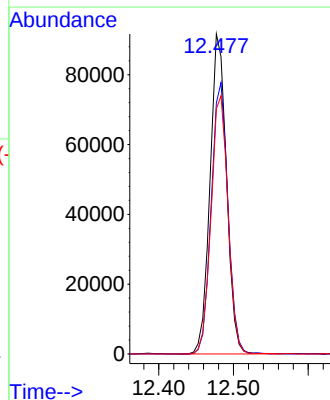
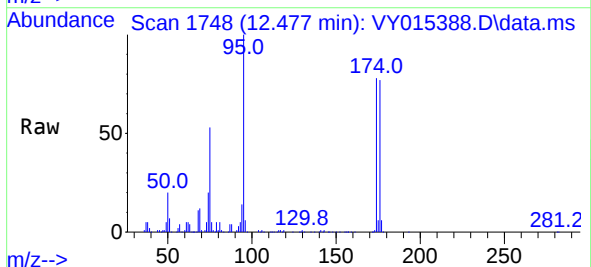
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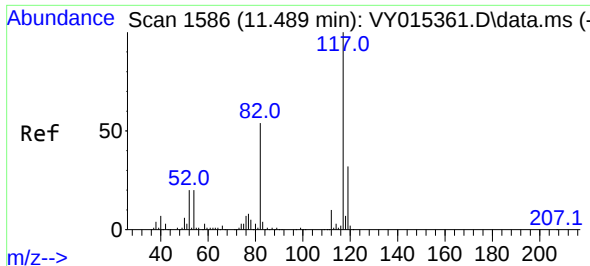
Tgt Ion: 98 Resp: 439828
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.934 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Tgt Ion: 95 Resp: 140447
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.0 0.0 173.8

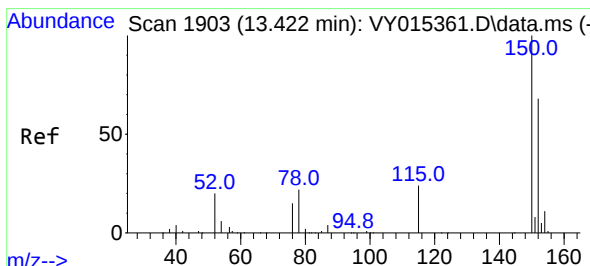
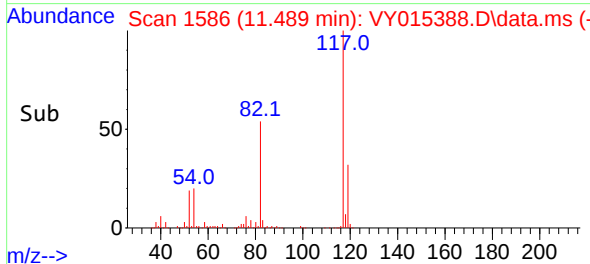
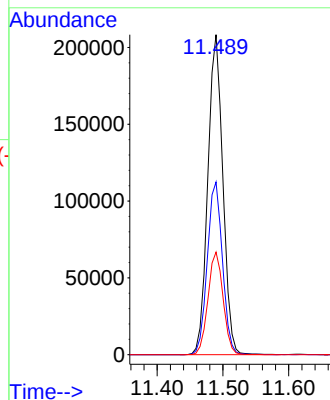
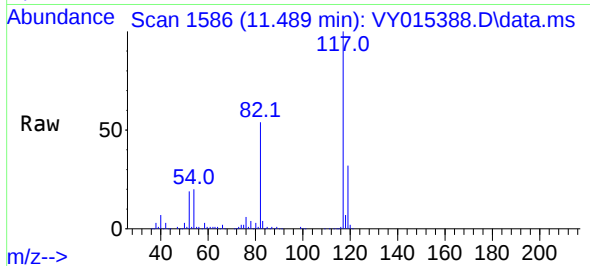




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-DENALI-3

Tgt Ion:	117	Resp:	331672
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015388.D
Acq: 30 Aug 2023 19:23

Tgt Ion:	152	Resp:	143370
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.5
150	158.3	0.0	348.8

