

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039469.D
 Acq On : 26 Dec 2023 15:50
 Operator : JC/MD
 Sample : 06019-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 27 04:39:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

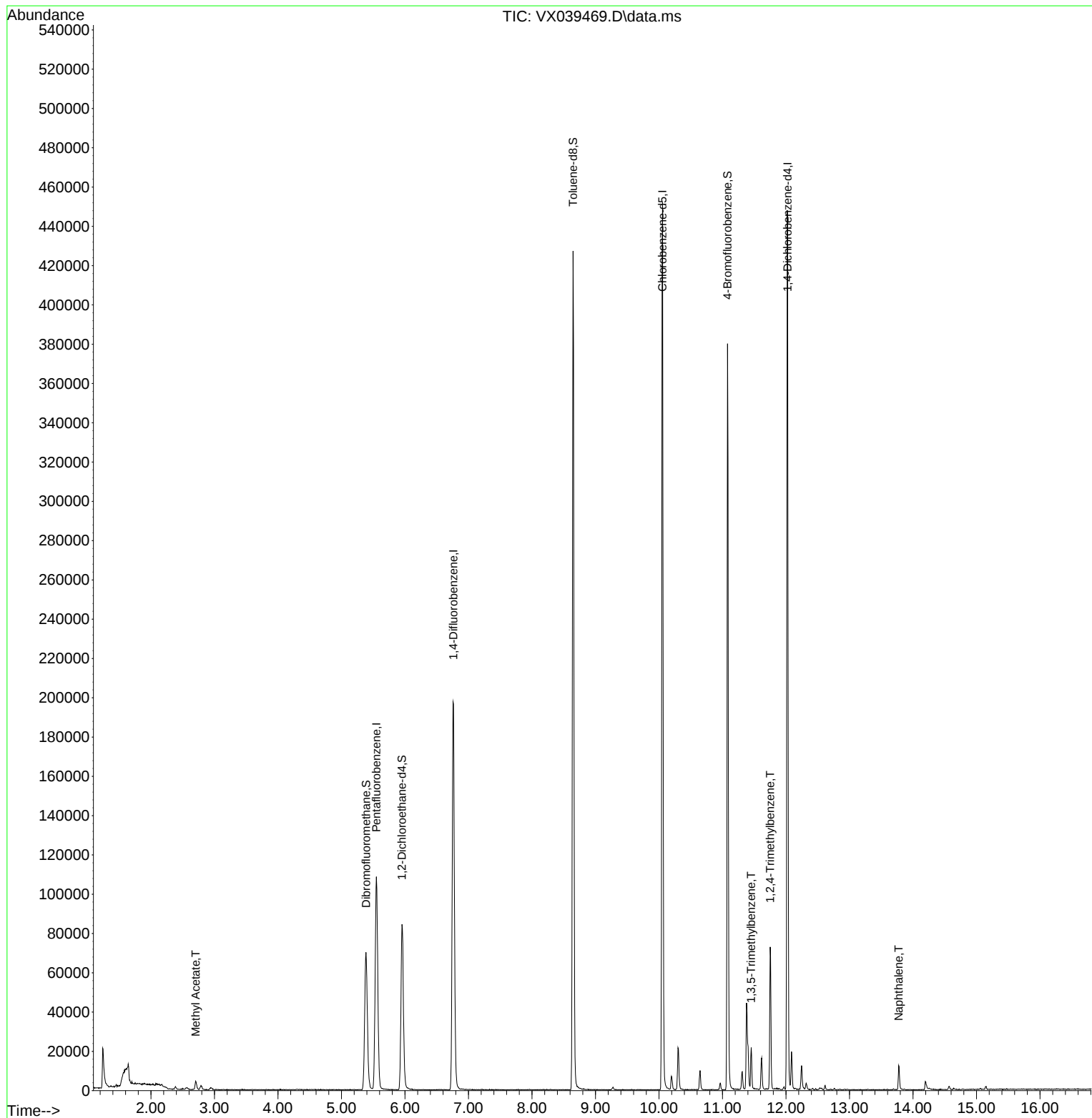
Internal Standards						
1) Pentafluorobenzene	5.550	168	93004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83726	49.142	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.280%
35) Dibromofluoromethane	5.385	113	62500	47.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	245066	49.845	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.680%
62) 4-Bromofluorobenzene	11.079	95	105374	51.945	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.880%
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.703	43	5177	1.405	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	8967	1.556	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	32655	5.526	ug/l	96
95) Naphthalene	13.774	128	8305	1.295	ug/l	98

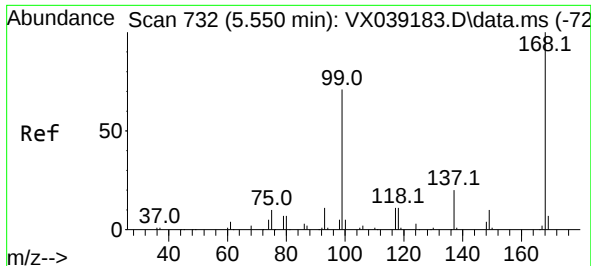
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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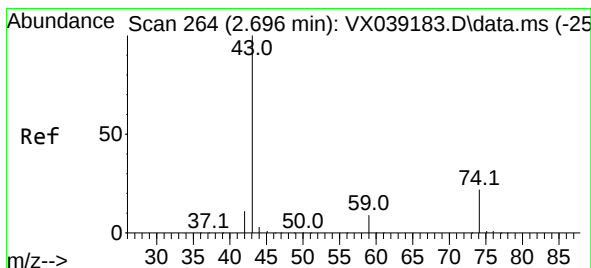
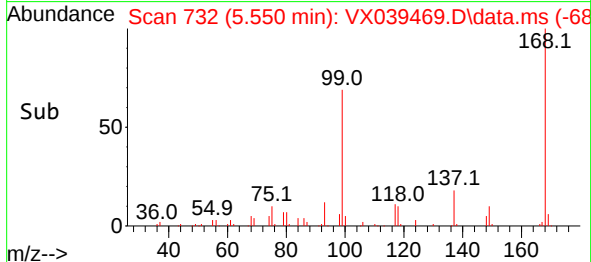
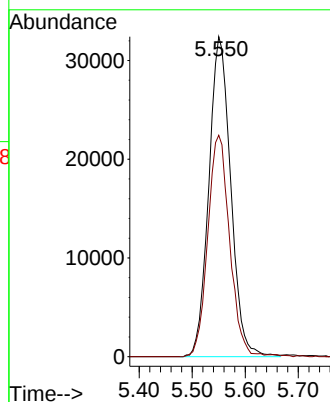
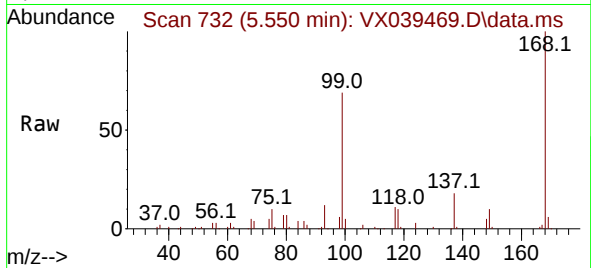




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039469.D
Acq: 26 Dec 2023 15:50

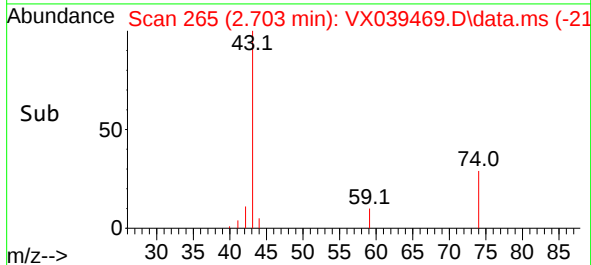
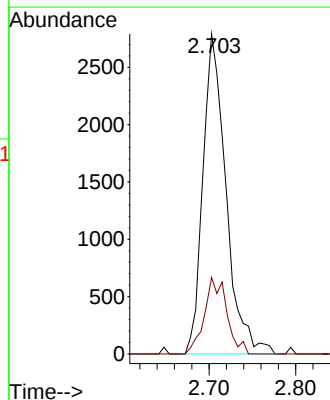
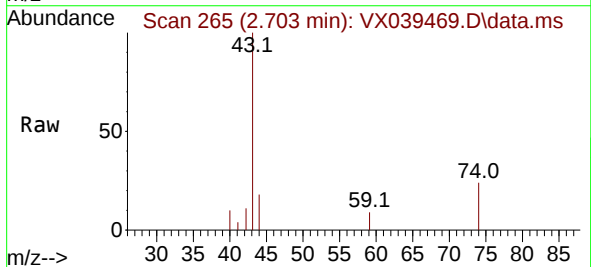
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

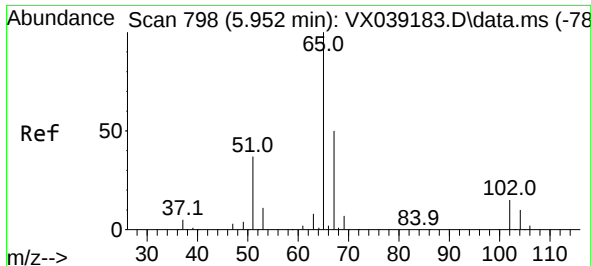
Tgt Ion:168 Resp: 93004
Ion Ratio Lower Upper
168 100
99 69.2 56.6 85.0



#18
Methyl Acetate
Concen: 1.405 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039469.D
Acq: 26 Dec 2023 15:50

Tgt Ion: 43 Resp: 5177
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.8





#33

1,2-Dichloroethane-d4

Concen: 49.142 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039469.D

Acq: 26 Dec 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

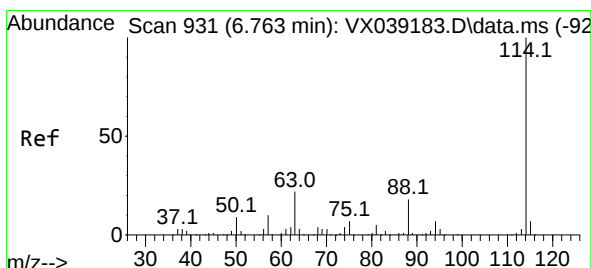
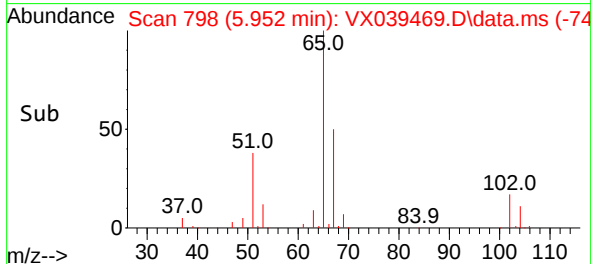
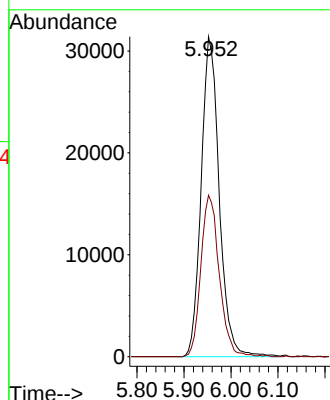
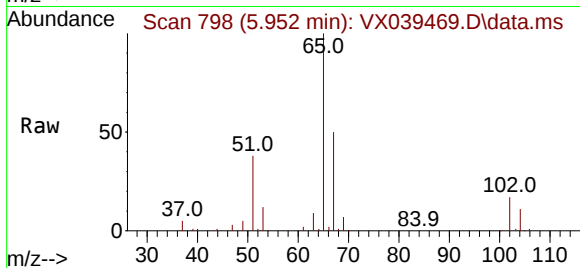
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 83726

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX039469.D

Acq: 26 Dec 2023 15:50

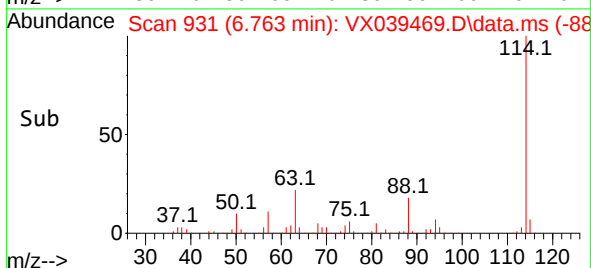
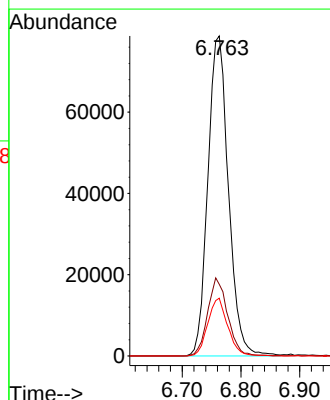
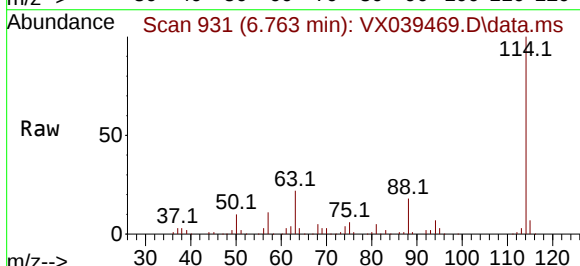
Tgt Ion: 114 Resp: 191696

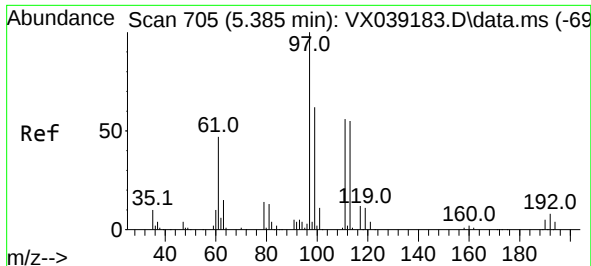
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 18.1 0.0 36.6

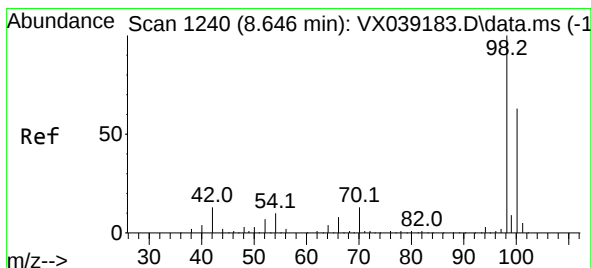
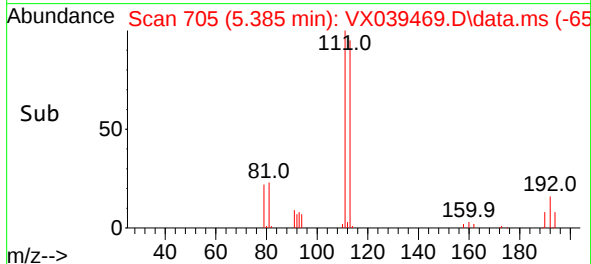
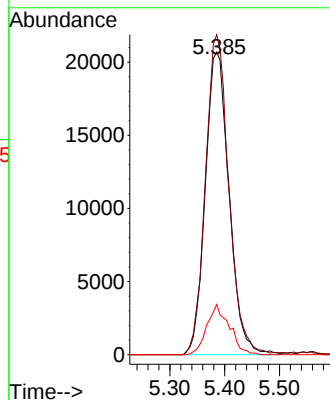
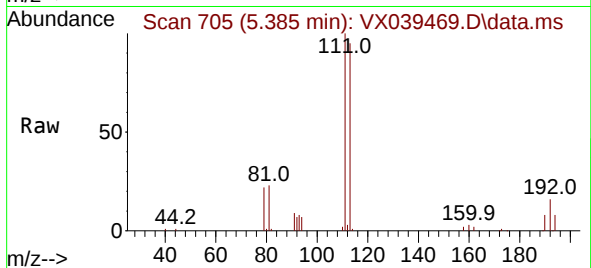




#35
Dibromofluoromethane
Concen: 47.194 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039469.D
Acq: 26 Dec 2023 15:50

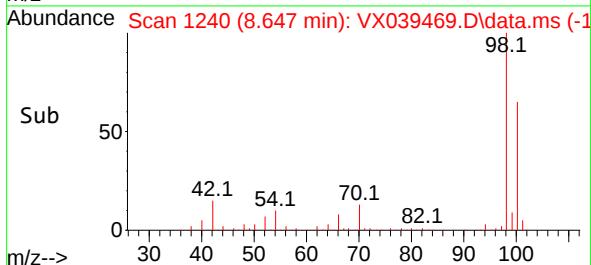
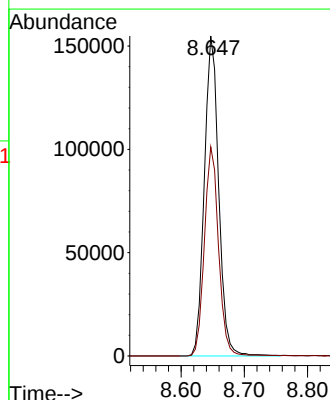
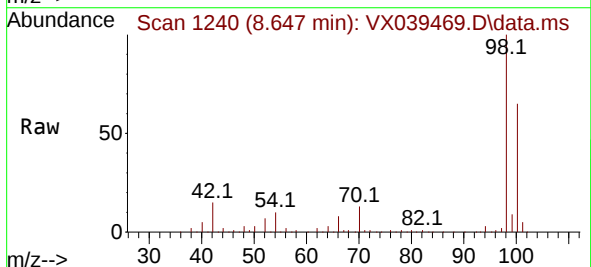
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

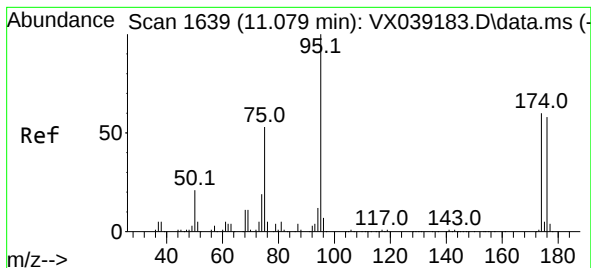
Tgt Ion:113 Resp: 62500
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 15.7 13.3 19.9



#50
Toluene-d8
Concen: 49.845 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039469.D
Acq: 26 Dec 2023 15:50

Tgt Ion: 98 Resp: 245066
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

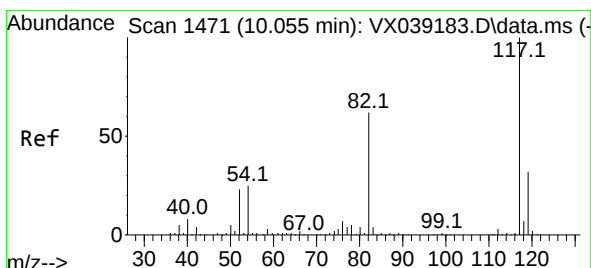
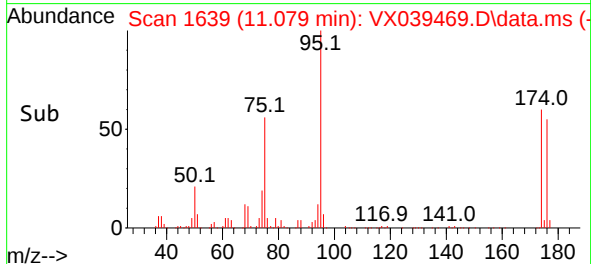
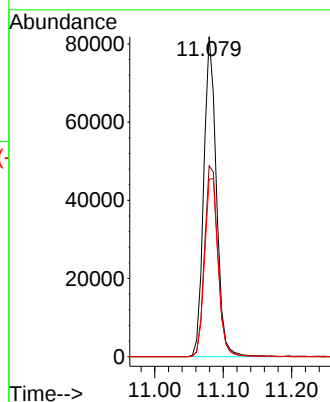
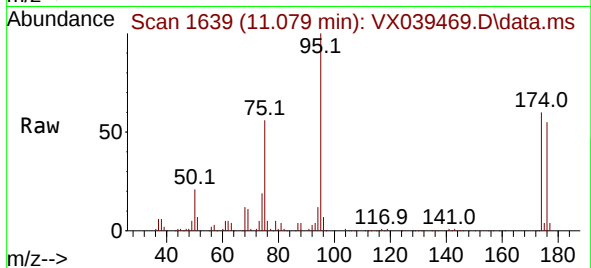




#62
4-Bromofluorobenzene
Concen: 51.945 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039469.D
Acq: 26 Dec 2023 15:50

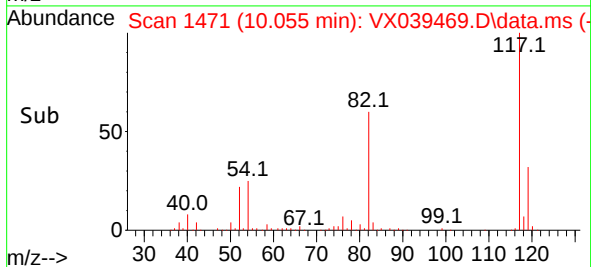
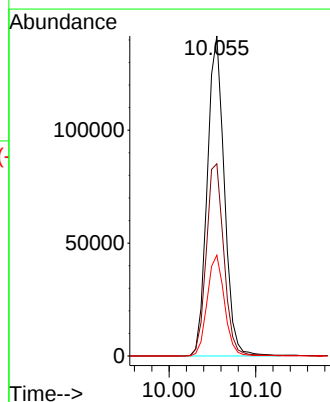
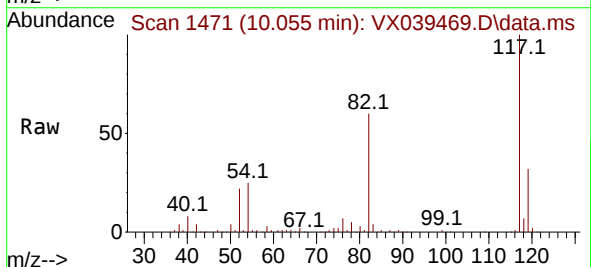
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

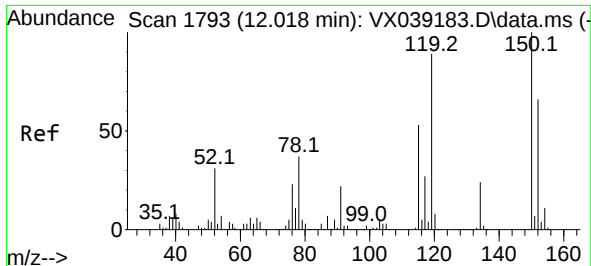
Tgt Ion: 95 Resp: 105374
Ion Ratio Lower Upper
95 100
174 63.1 0.0 135.6
176 59.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039469.D
Acq: 26 Dec 2023 15:50

Tgt Ion: 117 Resp: 194308
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 31.5 25.5 38.3

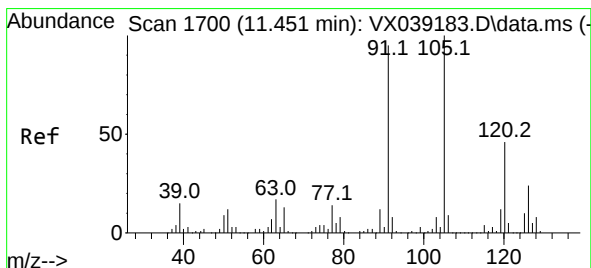
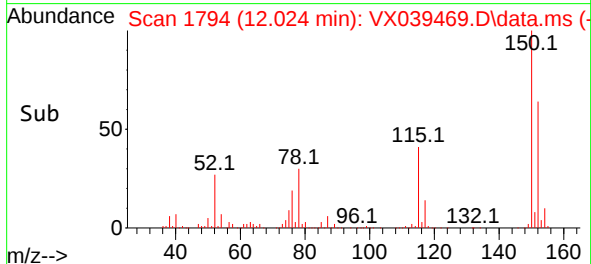
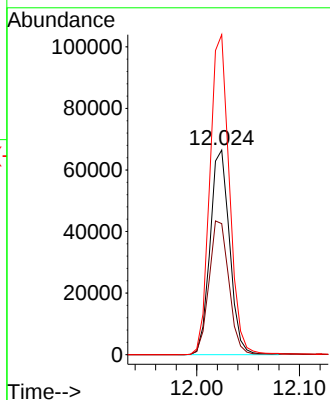
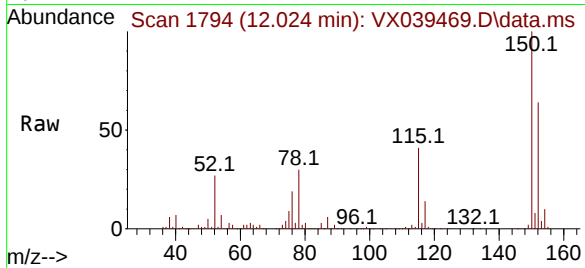




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039469.D
 Acq: 26 Dec 2023 15:50

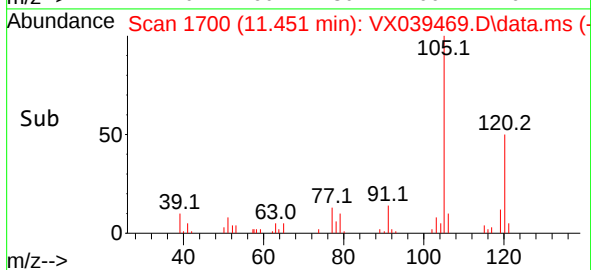
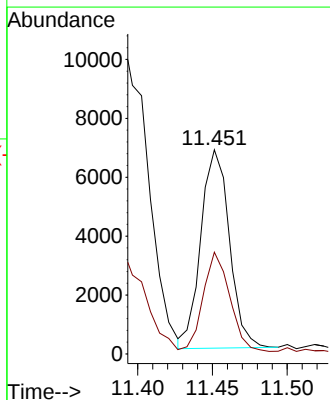
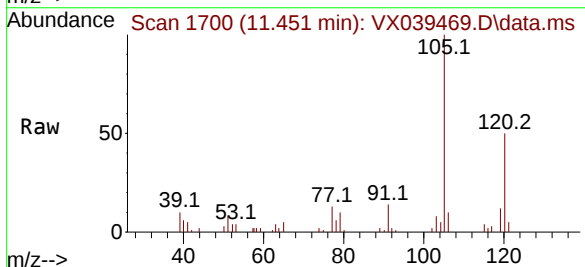
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 STORAGE-BLANK-SOIL-REF-6

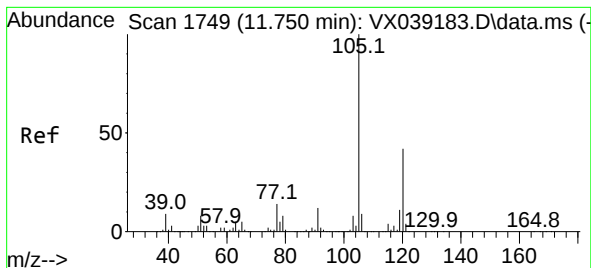
Tgt Ion:152 Resp: 87669
 Ion Ratio Lower Upper
 152 100
 115 66.7 43.3 129.9
 150 157.1 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.556 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX039469.D
 Acq: 26 Dec 2023 15:50

Tgt Ion:105 Resp: 8967
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 5.526 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039469.D

Acq: 26 Dec 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

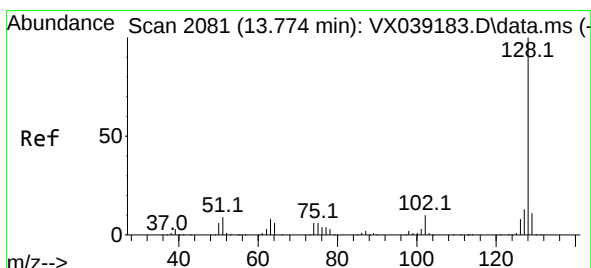
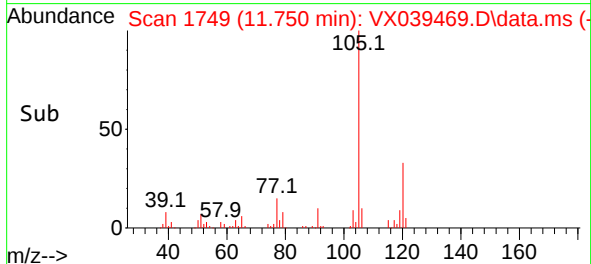
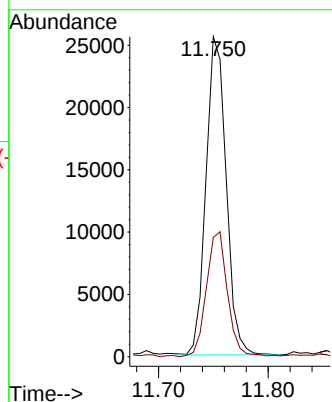
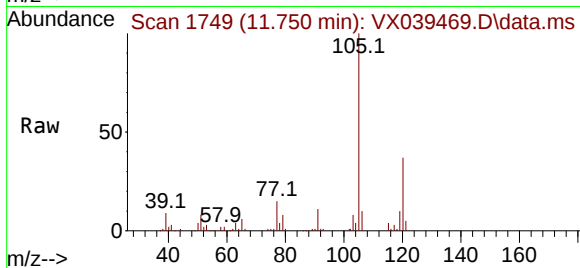
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:105 Resp: 32655

Ion Ratio Lower Upper

105 100

120 40.0 21.2 63.6



#95

Naphthalene

Concen: 1.295 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039469.D

Acq: 26 Dec 2023 15:50

Tgt Ion:128 Resp: 8305

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 9.6 8.8 13.2

