

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078045.D
 Acq On : 22 Dec 2023 02:04
 Operator : RP/MD
 Sample : 05877-10
 Misc : 4.80G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM39

Quant Time: Dec 22 05:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

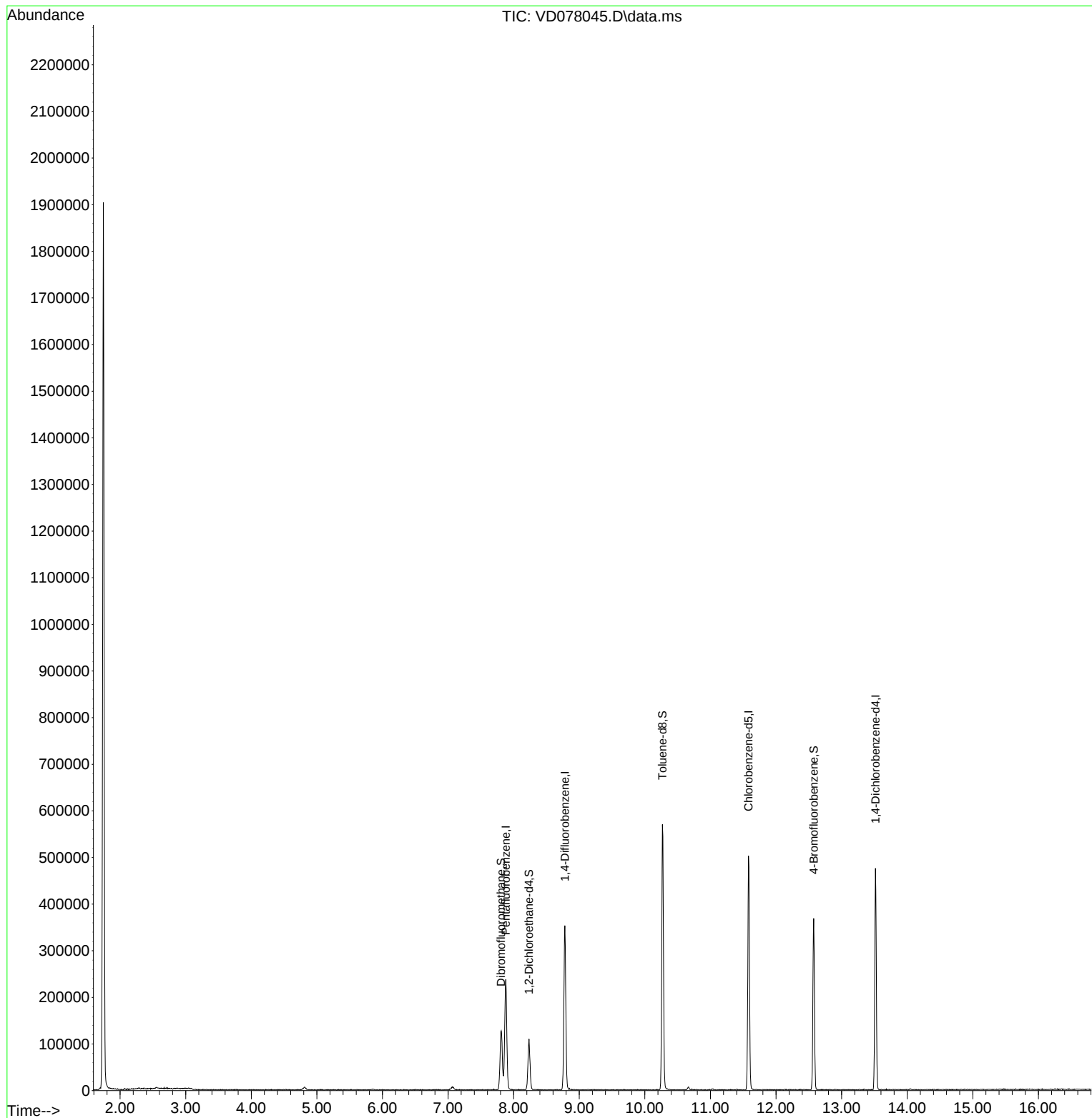
Internal Standards						
1) Pentafluorobenzene	7.881	168	176828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	312222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123333	50.000	ug/l	0.00

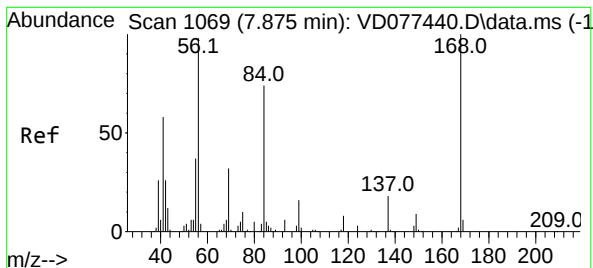
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77993	37.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.860

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD078045.D

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Instrument :

MSVOA_D

ClientSampleId :

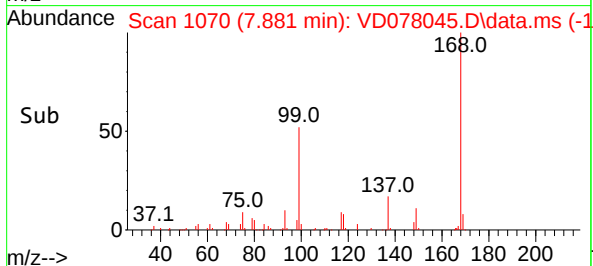
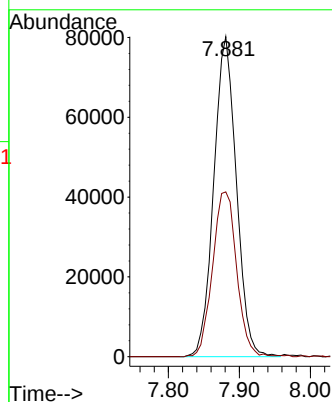
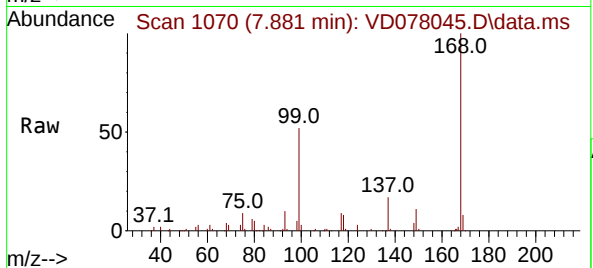
COM39

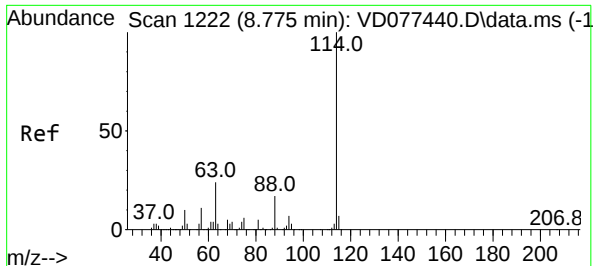
Tgt Ion:168 Resp: 176828

Ion Ratio Lower Upper

168 100

99 51.5 36.7 55.1

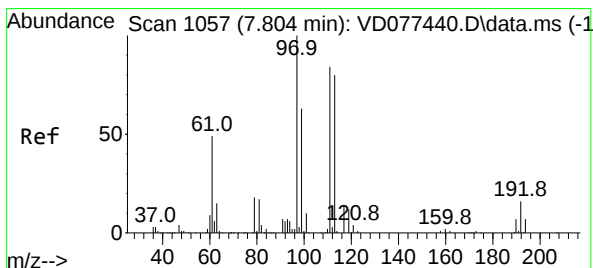
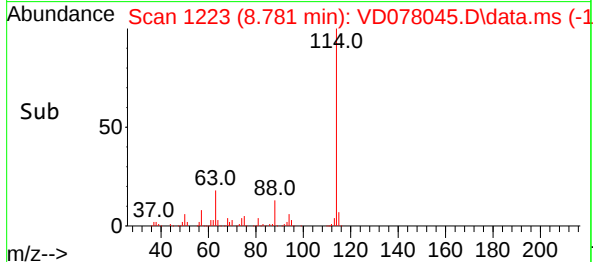
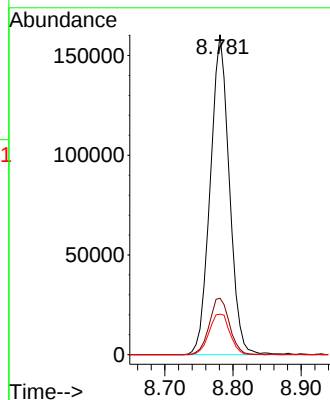
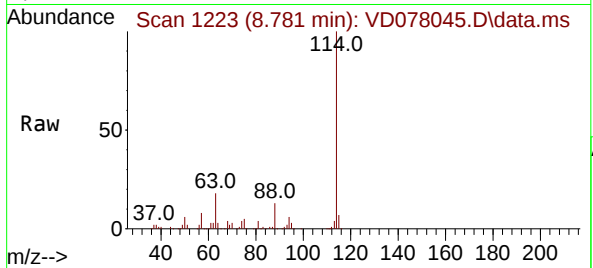




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078045.D
Acq: 22 Dec 2023 02:04

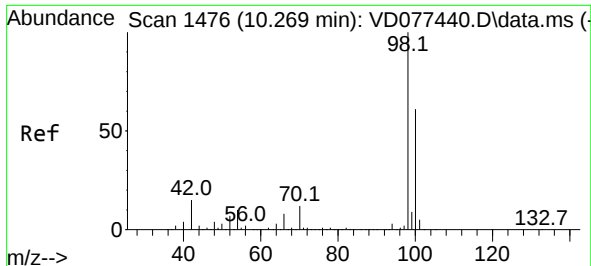
Instrument :
MSVOA_D
ClientSampleId :
COM39

Tgt Ion:114 Resp: 312222
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.4
88 12.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 43.264 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078045.D
Acq: 22 Dec 2023 02:04

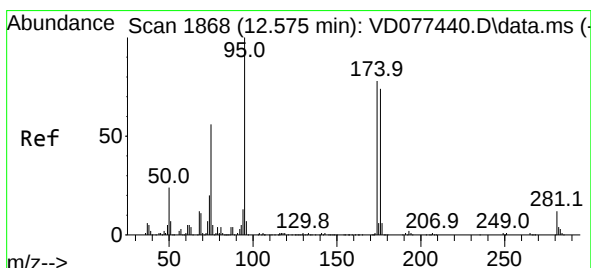
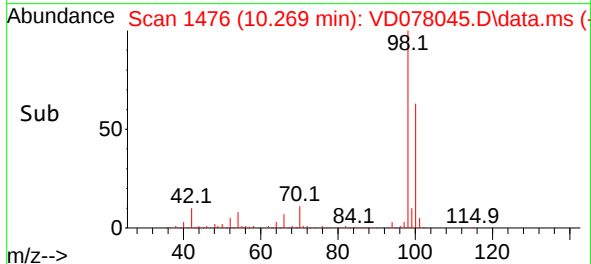
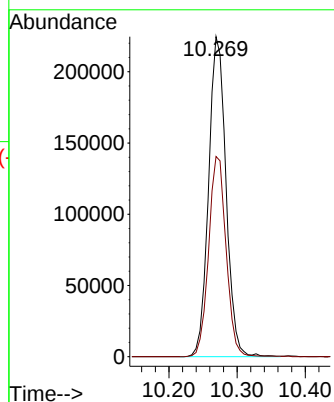
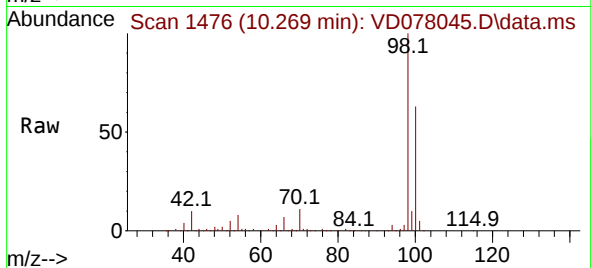
Tgt Ion:113 Resp: 94618
Ion Ratio Lower Upper
113 100
111 102.5



#50
Toluene-d8
Concen: 45.630 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078045.D
Acq: 22 Dec 2023 02:04

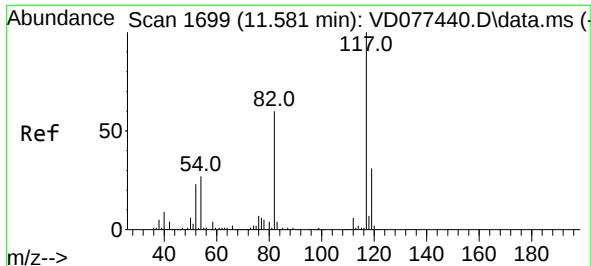
Instrument :
MSVOA_D
ClientSampleId :
COM39

Tgt Ion: 98 Resp: 399684
Ion Ratio Lower Upper
98 100
100 62.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.242 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078045.D
Acq: 22 Dec 2023 02:04

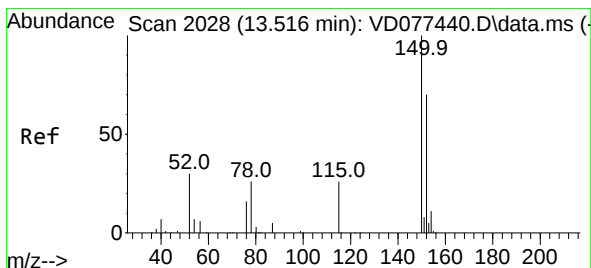
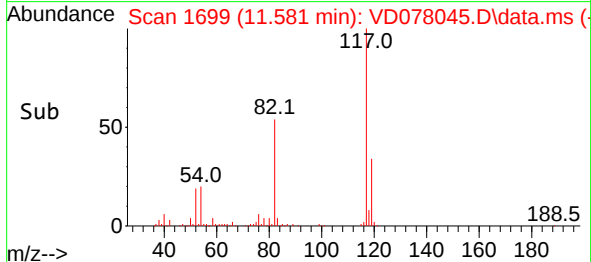
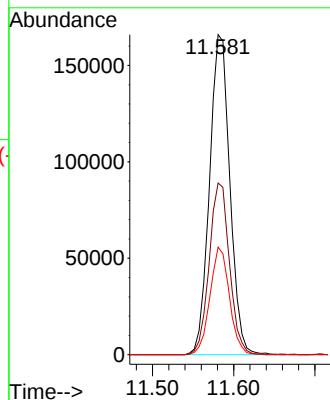
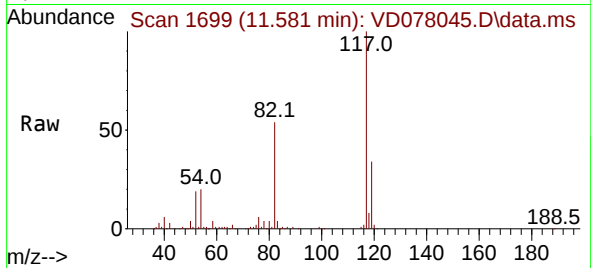
Tgt Ion: 95 Resp: 108004
Ion Ratio Lower Upper
95 1



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078045.D
Acq: 22 Dec 2023 02:04

Instrument :
MSVOA_D
ClientSampleId :
COM39

Tgt Ion:117 Resp: 288627
Ion Ratio Lower Upper
117 100
82 53.6 38.3 57.5
119 33.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078045.D
Acq: 22 Dec 2023 02:04

Tgt Ion:152 Resp: 123333
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 157.2 0.0