

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032066.D
 Acq On : 11 Aug 2025 15:06
 Operator : SY/MD
 Sample : Q2808-03
 Misc : 5.70g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7-VOC

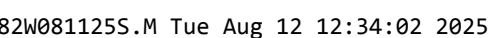
Quant Time: Aug 12 04:26:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

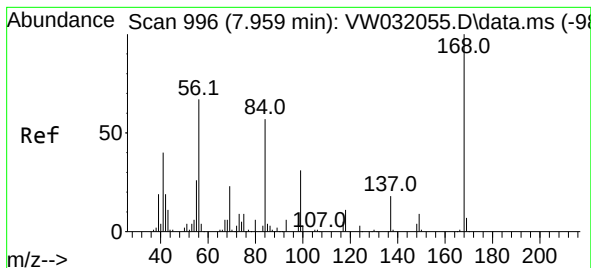
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.965	168	164741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	347441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	140387	58.921	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	117.840%
35) Dibromofluoromethane	7.898	113	124442	55.440	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	110.880%
50) Toluene-d8	10.325	98	442015	53.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.617	95	175209	57.268	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	114.540%
Target Compounds						
16) Acetone	4.155	43	3799	6.887	ug/l	98

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

Quant Time: Aug 12 04:26:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.006 min

Lab File: VW032066.D

Acq: 11 Aug 2025 15:06

Instrument :

MSVOA_W

ClientSampleId :

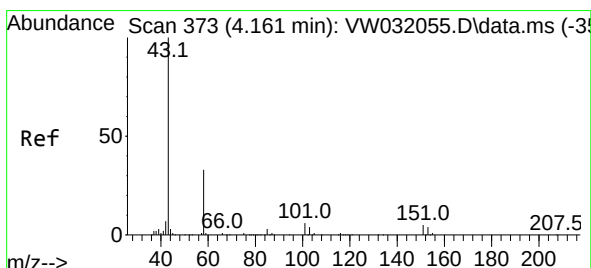
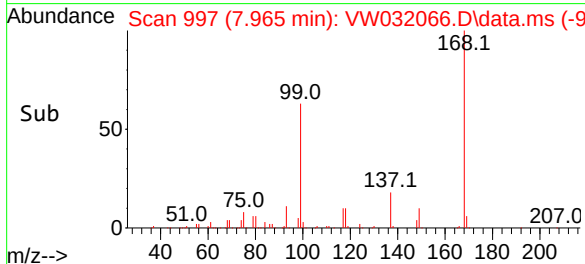
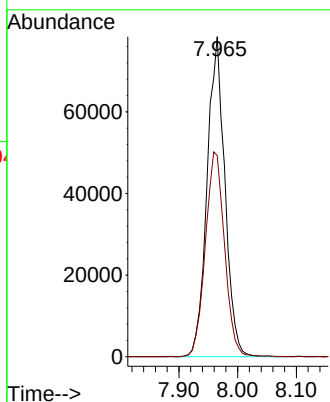
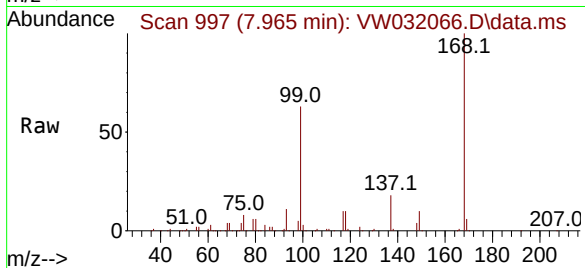
TP-7-VOC

Tgt Ion:168 Resp: 164741

Ion Ratio Lower Upper

168 100

99 62.8 56.0 84.0



#16

Acetone

Concen: 6.887 ug/l

RT: 4.155 min Scan# 372

Delta R.T. -0.006 min

Lab File: VW032066.D

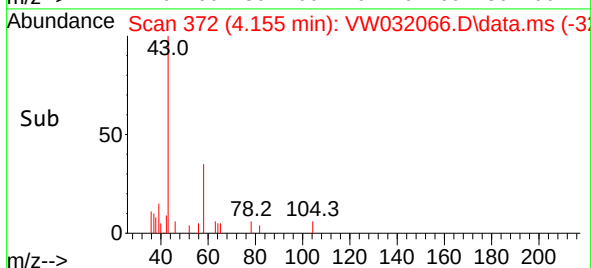
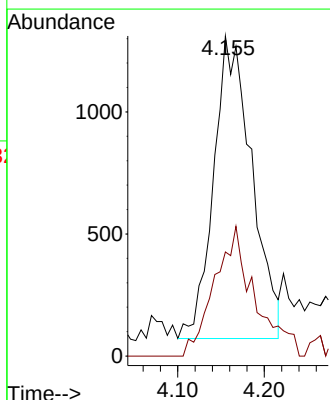
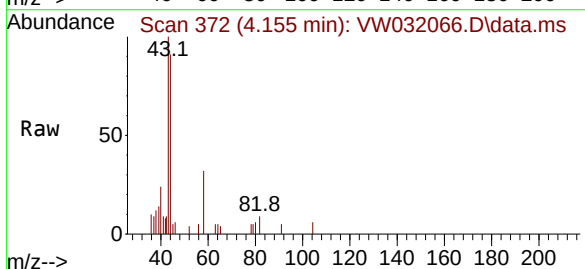
Acq: 11 Aug 2025 15:06

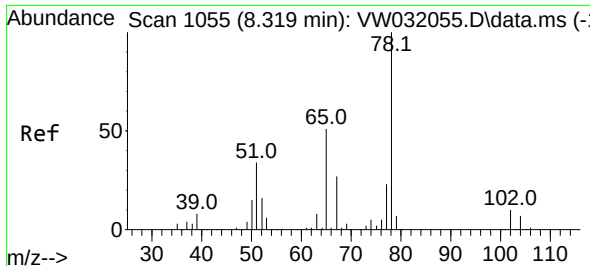
Tgt Ion: 43 Resp: 3799

Ion Ratio Lower Upper

43 100

58 34.4 26.6 39.8

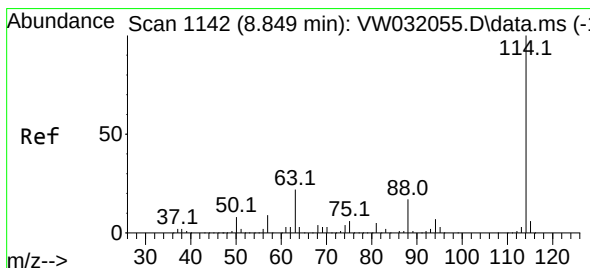
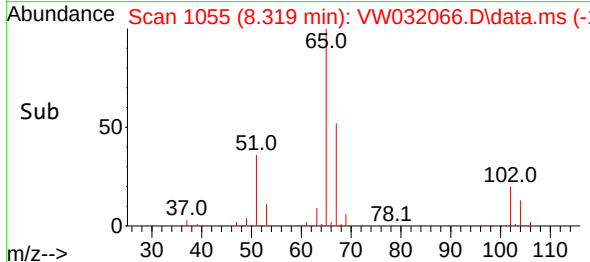
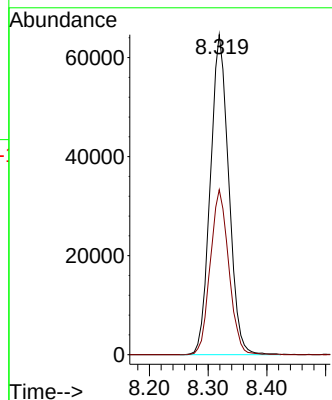
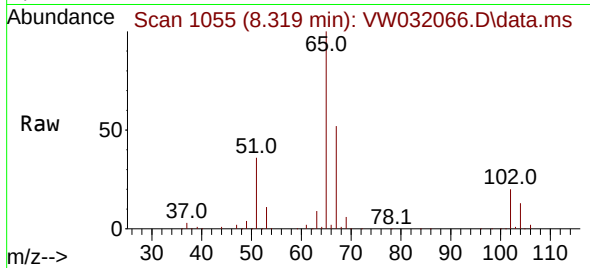




#33
 1,2-Dichloroethane-d4
 Concen: 58.921 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032066.D
 Acq: 11 Aug 2025 15:06

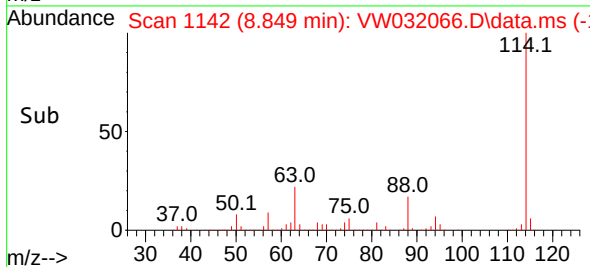
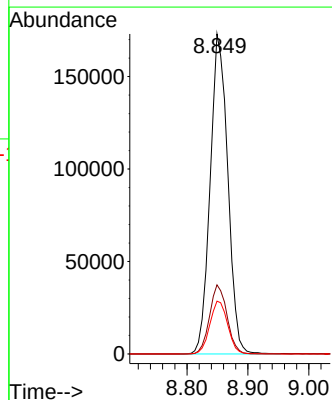
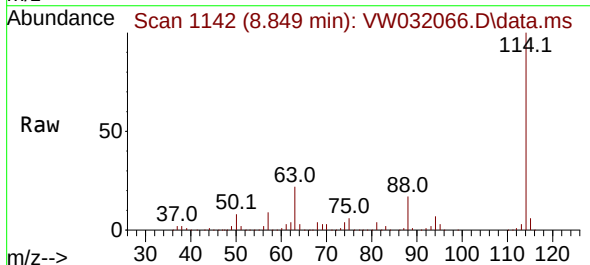
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7-VOC

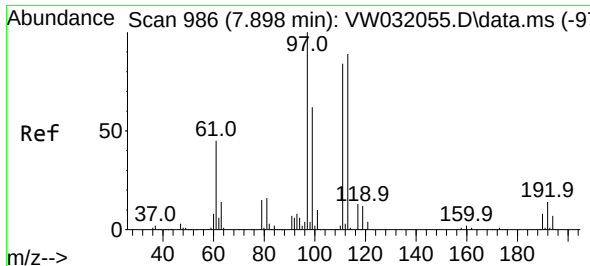
Tgt Ion: 65 Resp: 140387
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032066.D
 Acq: 11 Aug 2025 15:06

Tgt Ion: 114 Resp: 347441
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 16.5 0.0 33.8

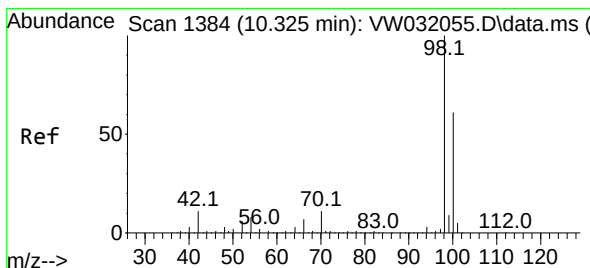
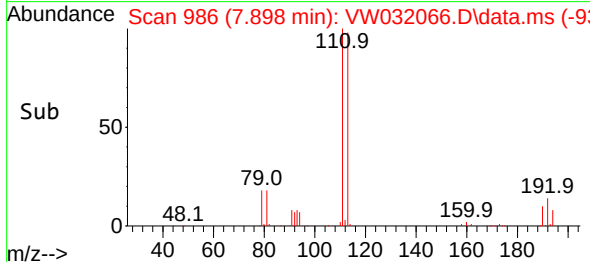
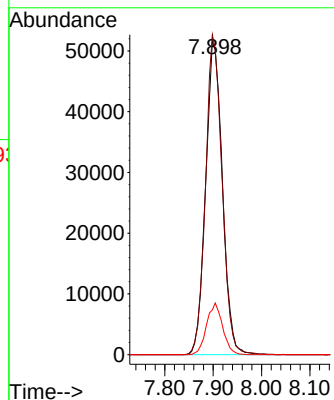
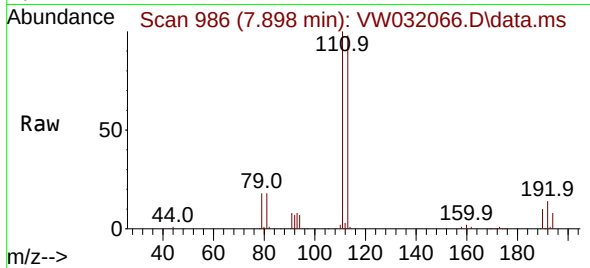




#35
Dibromofluoromethane
Concen: 55.440 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.000 min
Lab File: VW032066.D
Acq: 11 Aug 2025 15:06

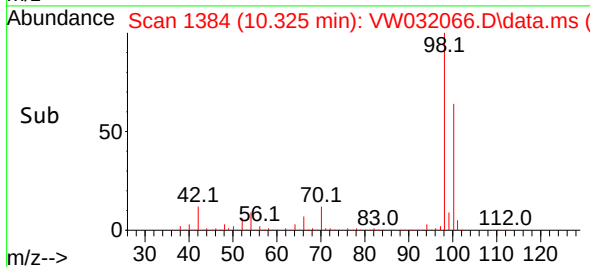
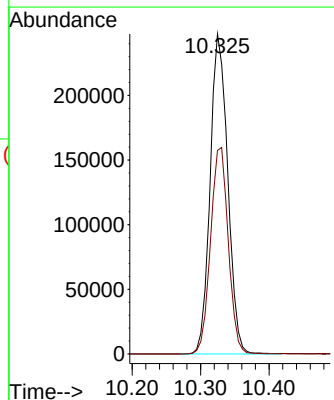
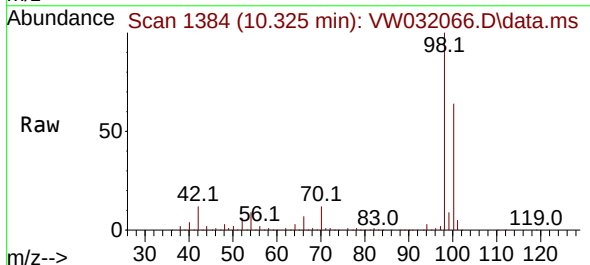
Instrument :
MSVOA_W
ClientSampleId :
TP-7-VOC

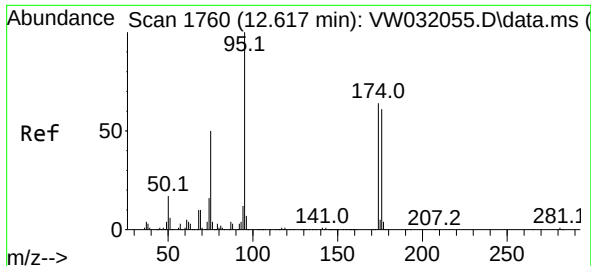
Tgt Ion:113 Resp: 124442
Ion Ratio Lower Upper
113 100
111 100.4 80.1 120.1
192 15.8 13.1 19.7



#50
Toluene-d8
Concen: 53.241 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032066.D
Acq: 11 Aug 2025 15:06

Tgt Ion: 98 Resp: 442015
Ion Ratio Lower Upper
98 100
100 65.0 51.1 76.7

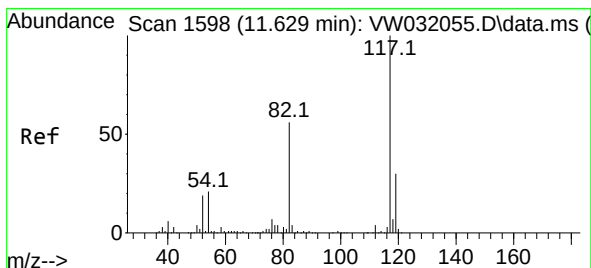
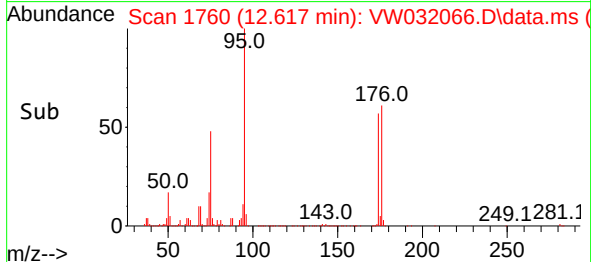
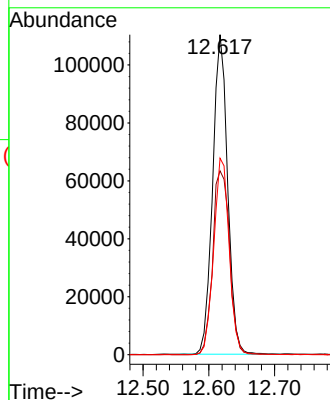
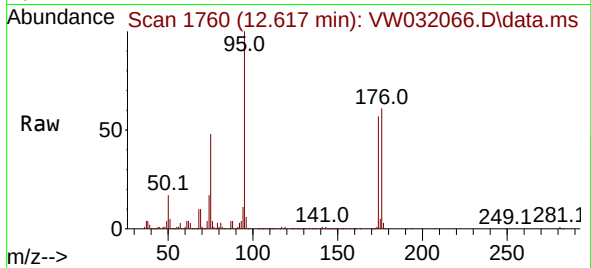




#62
4-Bromofluorobenzene
Concen: 57.268 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032066.D
Acq: 11 Aug 2025 15:06

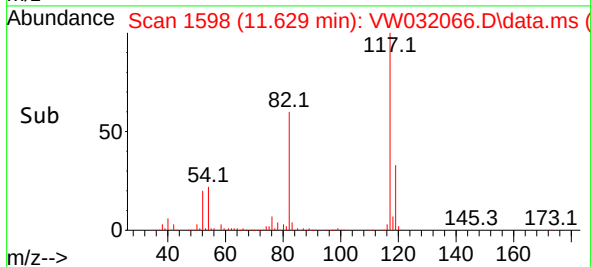
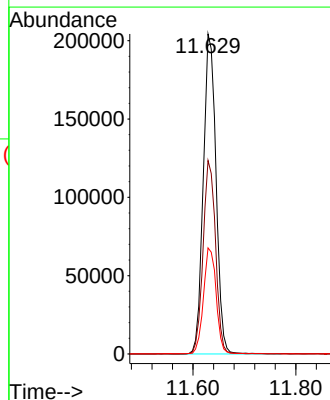
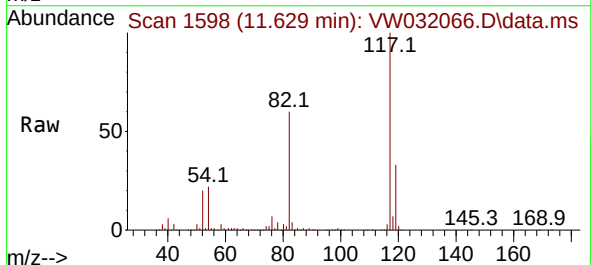
Instrument :
MSVOA_W
ClientSampleId :
TP-7-VOC

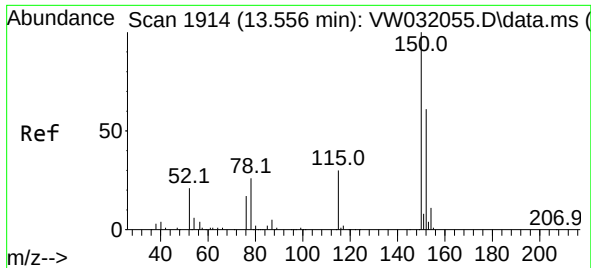
Tgt Ion: 95 Resp: 175209
Ion Ratio Lower Upper
95 100
174 64.9 0.0 129.0
176 63.4 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032066.D
Acq: 11 Aug 2025 15:06

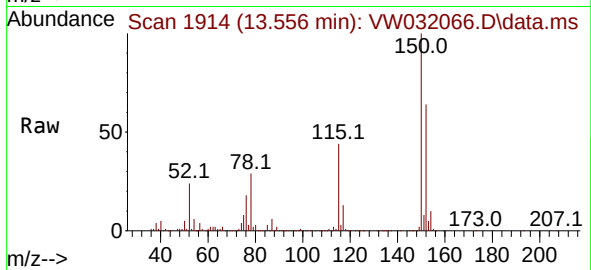
Tgt Ion: 117 Resp: 351214
Ion Ratio Lower Upper
117 100
82 60.5 45.0 67.4
119 33.1 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032066.D
 Acq: 11 Aug 2025 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7-VOC



Tgt Ion:	152	Resp:	171539
Ion Ratio	Lower	Upper	
152	100		
115	67.8	32.6	97.8
150	166.9	0.0	359.4

