

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036061.D
 Acq On : 13 Jun 2024 14:31
 Operator : SY/MD
 Sample : P2850-06
 Misc : 5.31g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

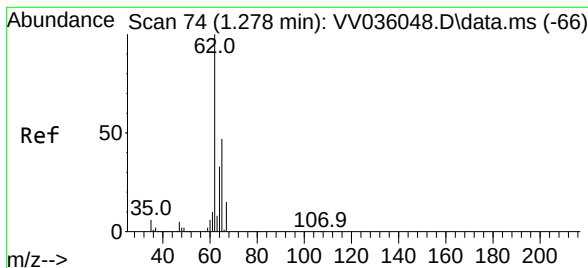
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB07

Quant Time: Jun 14 01:19:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	367570	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	373279	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	151817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	203704	30.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.560%	
7) Chloroethane-d5	1.526	69	151536	28.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.480%	
11) 1,1-Dichloroethene-d2	2.053	65	83321	27.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.800%#	
21) 2-Butanone-d5	3.825	46	65151	42.020	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 84.040%	
24) Chloroform-d	4.243	84	294624	25.212	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.840%	
26) 1,2-Dichloroethane-d4	4.937	65	158416	25.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.440%	
32) Benzene-d6	4.953	84	574790	25.905	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.600%	
36) 1,2-Dichloropropane-d6	5.985	67	186346	26.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.680%	
41) Toluene-d8	7.239	98	477635	24.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 97.600%	
43) trans-1,3-Dichloroprop...	7.554	79	66469	23.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.800%	
47) 2-Hexanone-d5	8.030	63	47537	50.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.420%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	151178	28.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.800%	
66) 1,2-Dichlorobenzene-d4	11.558	152	157447	28.281	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.120%	
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	753276	94.073	ug/L	100
8) Chloroethane	1.545	64	2966	0.596	ug/L	97
13) Acetone	2.146	43	32591	13.494	ug/L #	53
14) Carbon disulfide	2.233	76	15554	0.761	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	4826	0.768	ug/L	94
42) Toluene	7.320	91	48904	1.960	ug/L	99

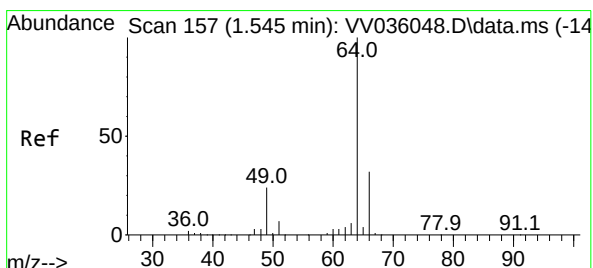
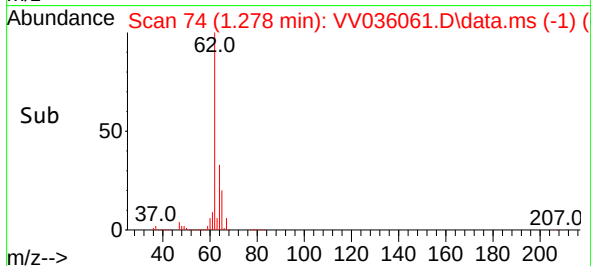
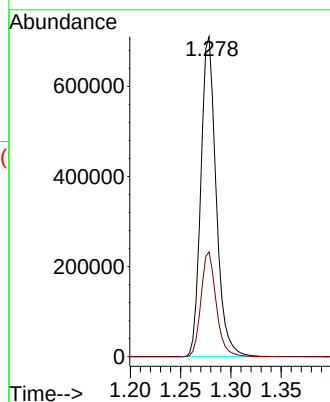
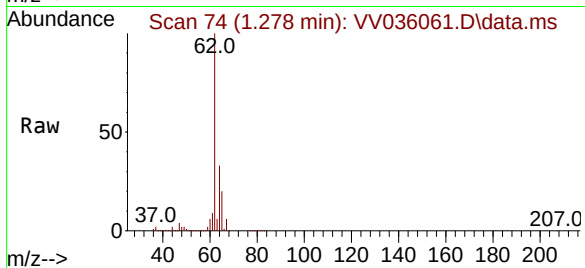
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 94.073 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036061.D
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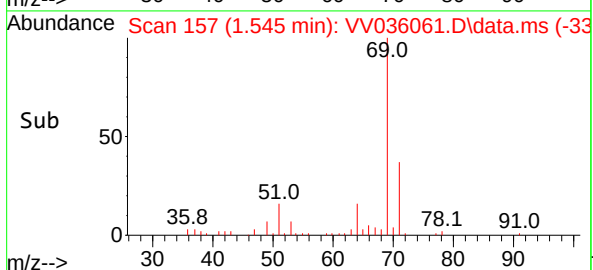
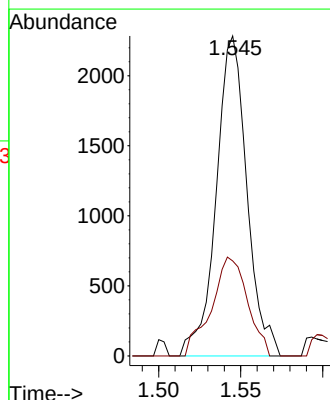
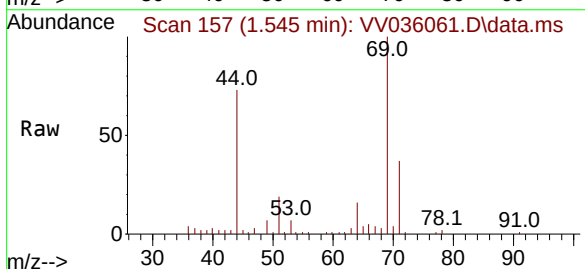
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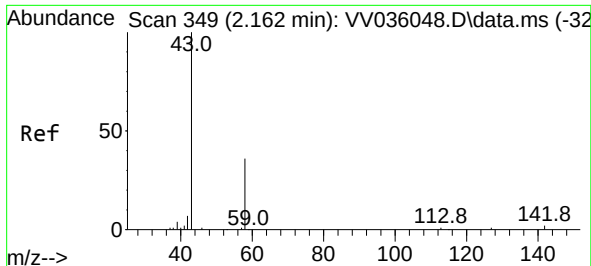
Tgt Ion: 62 Resp: 753276
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#8
 Chloroethane
 Concen: 0.596 ug/L
 RT: 1.545 min Scan# 157
 Delta R.T. 0.000 min
 Lab File: VV036061.D
 Acq: 13 Jun 2024 14:31

Tgt Ion: 64 Resp: 2966
 Ion Ratio Lower Upper
 64 100
 66 29.7 22.0 41.0





#13

Acetone

Concen: 13.494 ug/L

RT: 2.146 min Scan# 349

Delta R.T. -0.016 min

Lab File: VV036061.D

Acq: 13 Jun 2024 14:31

Instrument :

MSVOA_V

ClientSampleId :

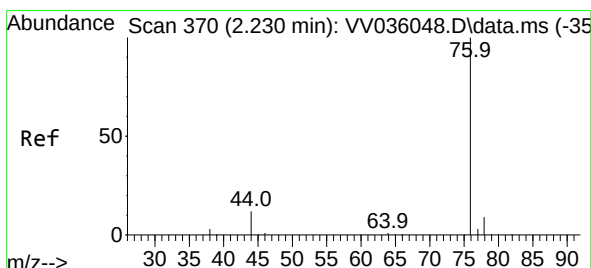
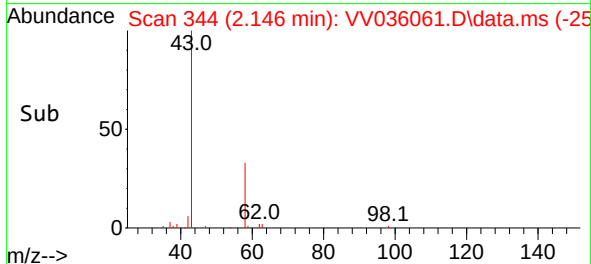
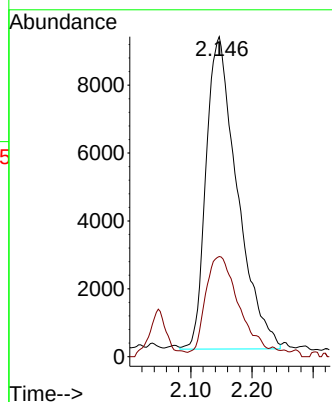
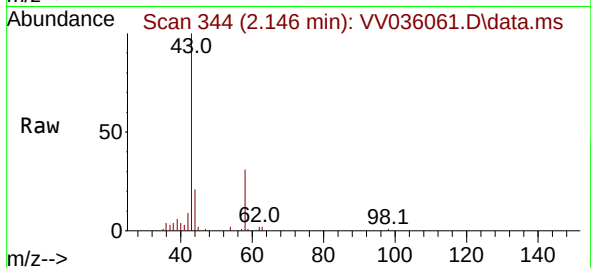
BHB07

Tgt Ion: 43 Resp: 32591

Ion Ratio Lower Upper

43 100

58 30.4 0.0 24.2#



#14

Carbon disulfide

Concen: 0.761 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036061.D

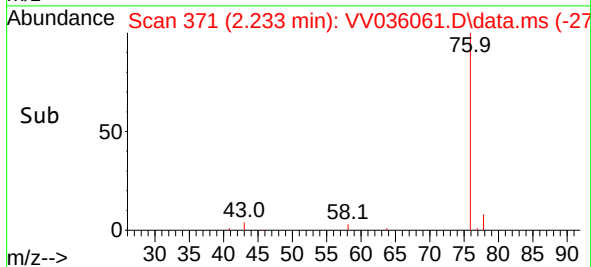
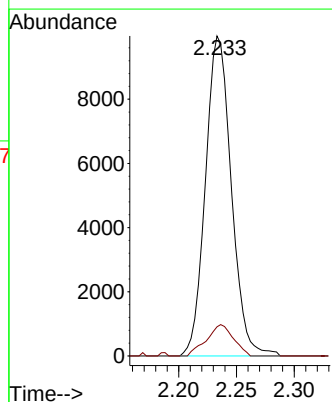
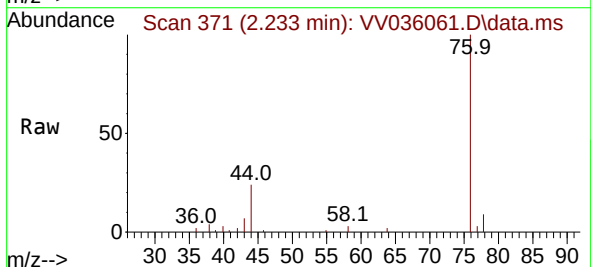
Acq: 13 Jun 2024 14:31

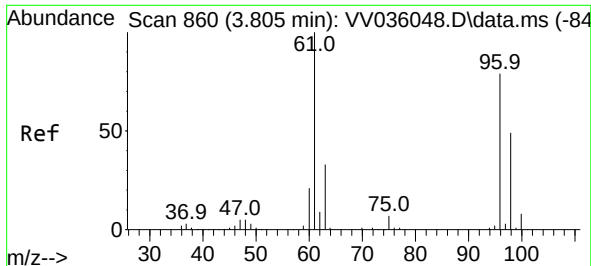
Tgt Ion: 76 Resp: 15554

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

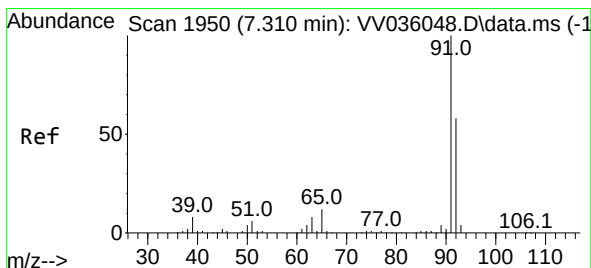
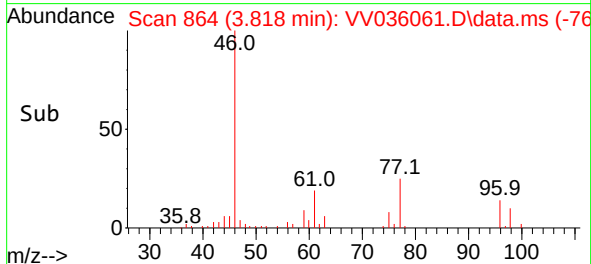
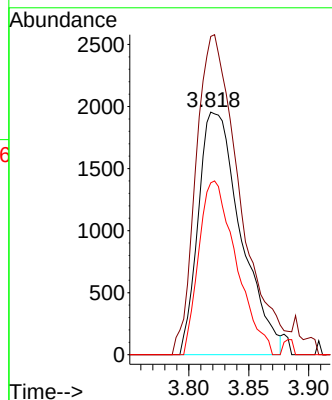
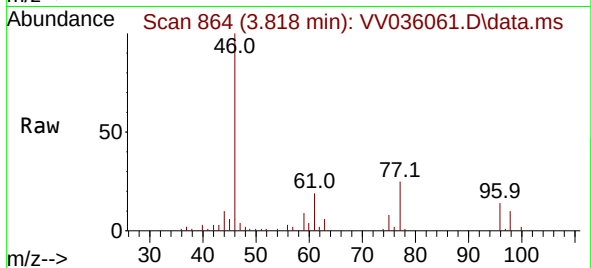




#20
 cis-1,2-Dichloroethene
 Concen: 0.768 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.013 min
 Lab File: VV036061.D
 Acq: 13 Jun 2024 14:31

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB07

Tgt Ion: 96 Resp: 4826
 Ion Ratio Lower Upper
 96 100
 61 131.2 87.9 163.3
 98 70.8 44.4 82.5



#42
 Toluene
 Concen: 1.960 ug/L
 RT: 7.320 min Scan# 1953
 Delta R.T. 0.010 min
 Lab File: VV036061.D
 Acq: 13 Jun 2024 14:31

Tgt Ion: 91 Resp: 48904
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.6 75.4

