

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037404.D
 Acq On : 20 Sep 2024 00:42
 Operator : SY/MD
 Sample : P3988-14 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8S3

Quant Time: Sep 20 04:16:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

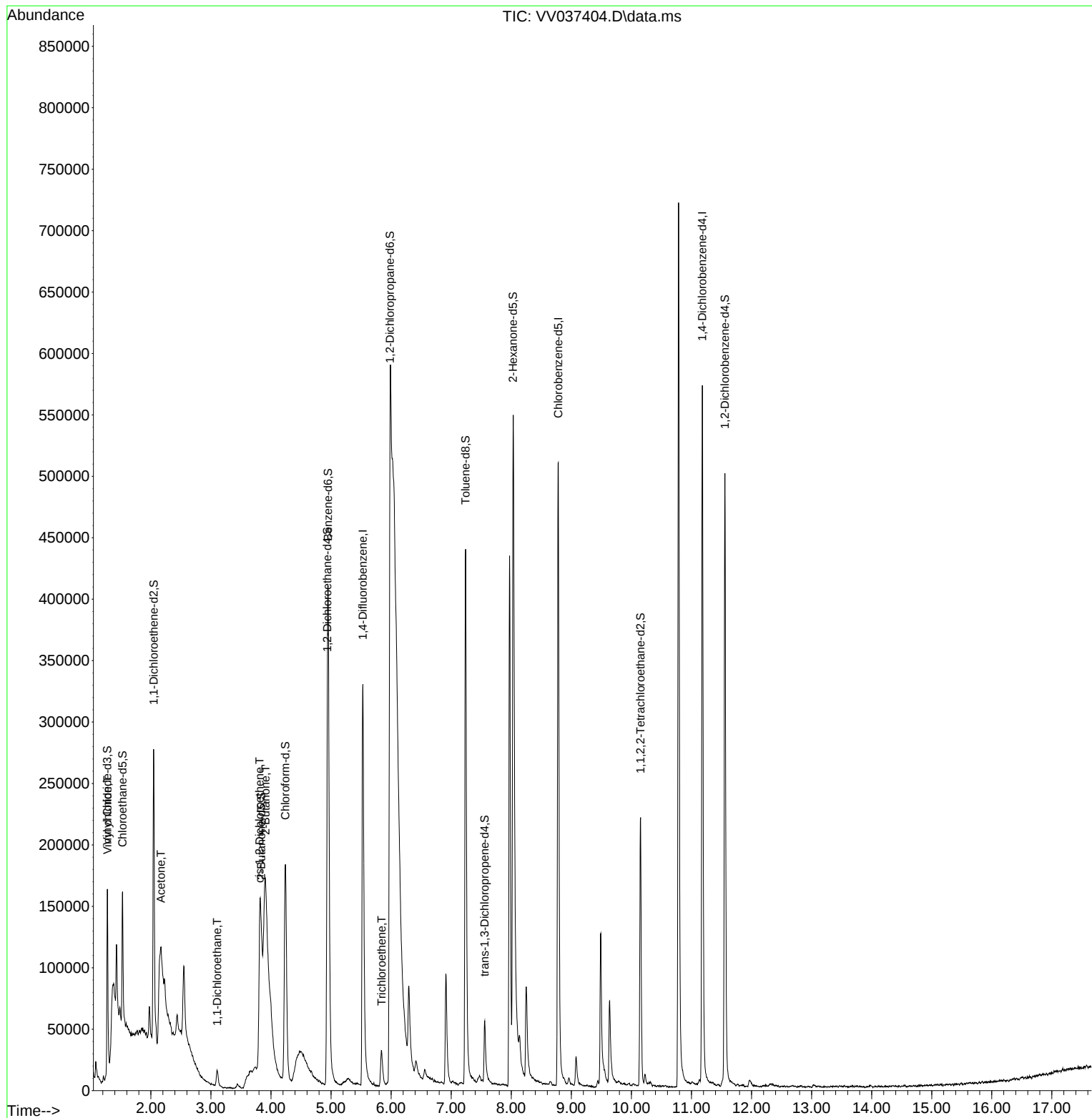
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	309633	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	306898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	150904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63781	3.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.529	69	75925	4.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.047	65	35997	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.838	46	309236	56.962	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.920%
24) Chloroform-d	4.240	84	208364	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.937	65	102366	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.950	84	387767	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	5.982	67	134091	5.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.239	98	313321	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.558	79	34658	4.117	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.030	63	263307	64.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.060%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	112812	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	130005	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	48237	1.599	ug/L	88
13) Acetone	2.166	43	312720	82.730	ug/L	90
19) 1,1-Dichloroethane	3.101	63	13899	0.319	ug/L	98
21) 2-Butanone	3.908	43	484013	84.249	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	37674	1.527	ug/L	100
34) Trichloroethene	5.841	95	11445	0.459	ug/L	86

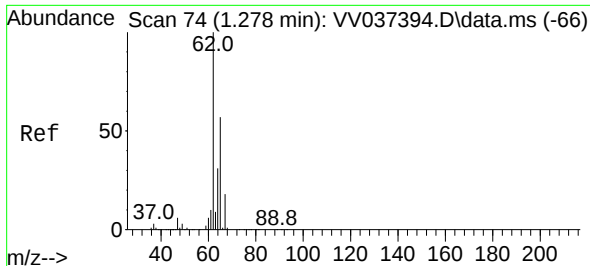
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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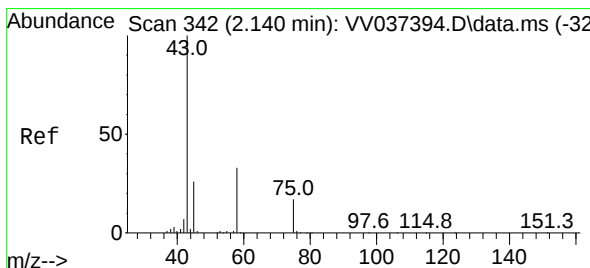
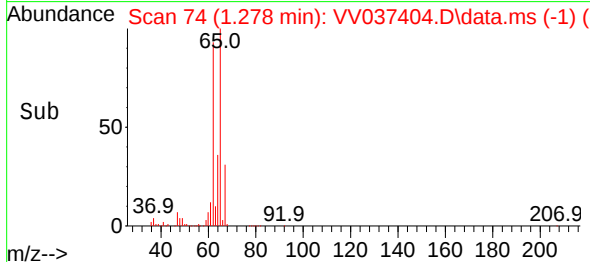
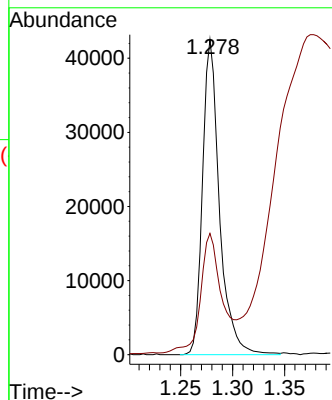
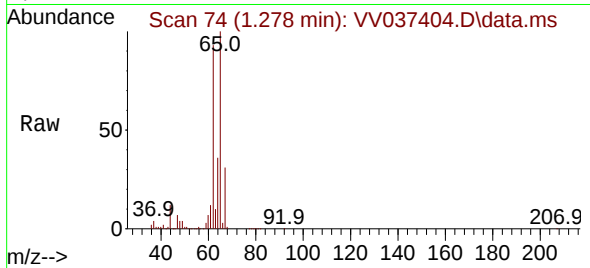




#5
Vinyl chloride
Concen: 1.599 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.000 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

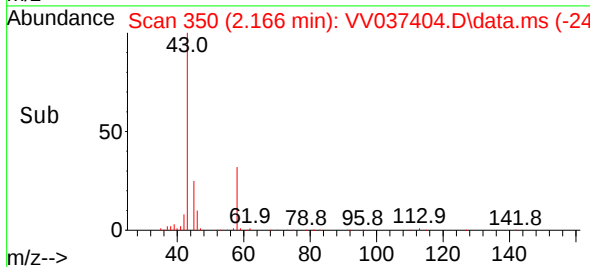
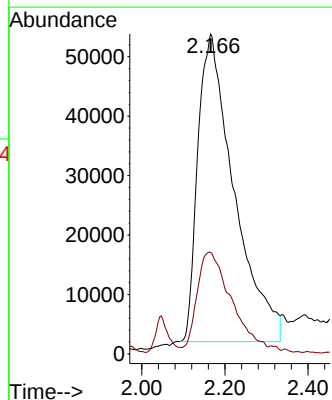
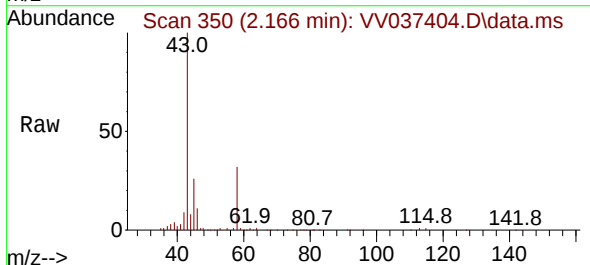
Instrument :
MSVOA_V
ClientSampleId :
BH8S3

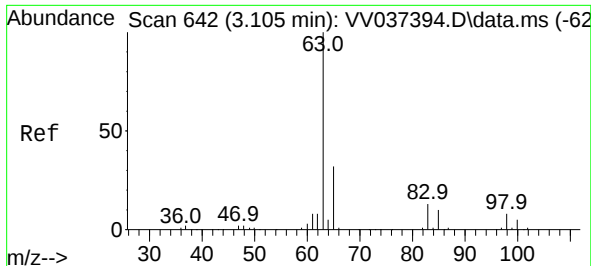
Tgt Ion: 62 Resp: 48237
Ion Ratio Lower Upper
62 100
64 38.5 22.4 41.6



#13
Acetone
Concen: 82.730 ug/L
RT: 2.166 min Scan# 350
Delta R.T. 0.026 min
Lab File: VV037404.D
Acq: 20 Sep 2024 00:42

Tgt Ion: 43 Resp: 312720
Ion Ratio Lower Upper
43 100
58 28.9 0.0 69.2





#19

1,1-Dichloroethane

Concen: 0.319 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.003 min

Lab File: VV037404.D

Acq: 20 Sep 2024 00:42

Instrument :

MSVOA_V

ClientSampleId :

BH8S3

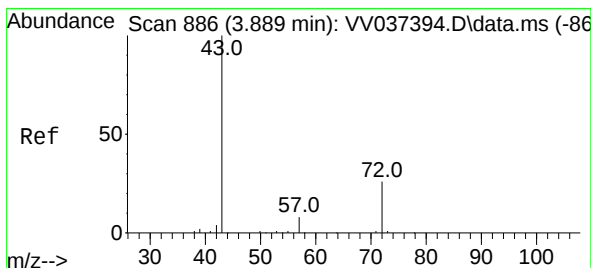
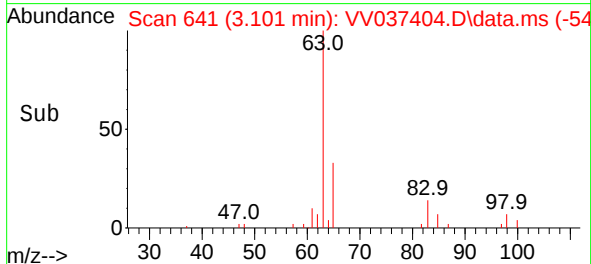
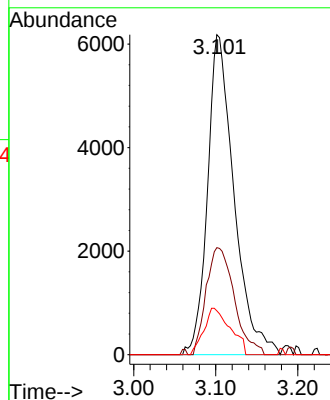
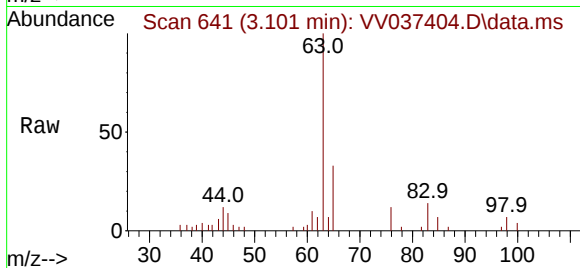
Tgt Ion: 63 Resp: 13899

Ion Ratio Lower Upper

63 100

65 33.5 22.5 41.7

83 13.7 8.9 16.5



#21

2-Butanone

Concen: 84.249 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.019 min

Lab File: VV037404.D

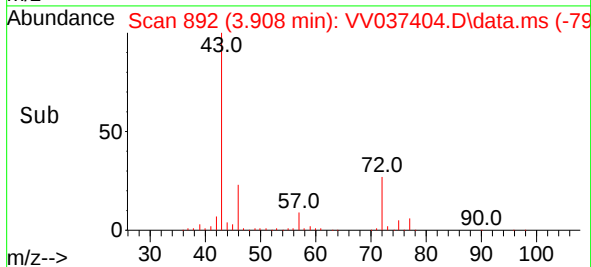
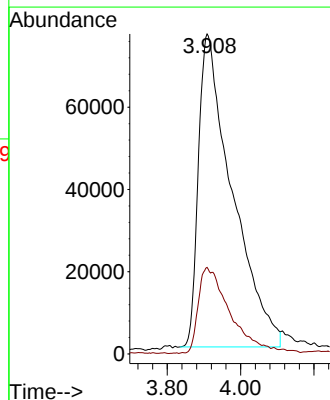
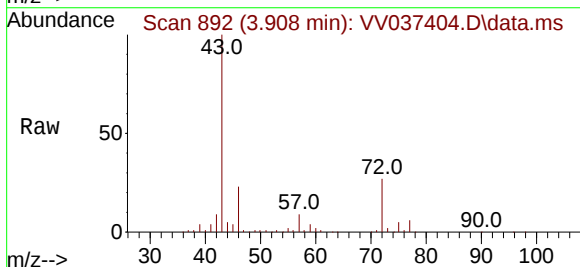
Acq: 20 Sep 2024 00:42

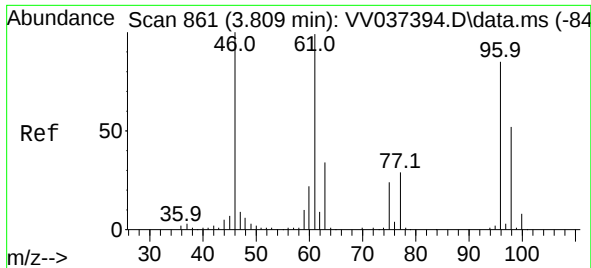
Tgt Ion: 43 Resp: 484013

Ion Ratio Lower Upper

43 100

72 25.0 12.2 36.6

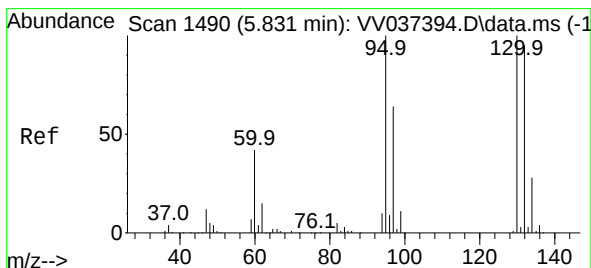
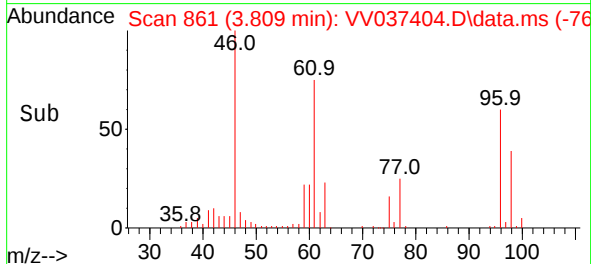
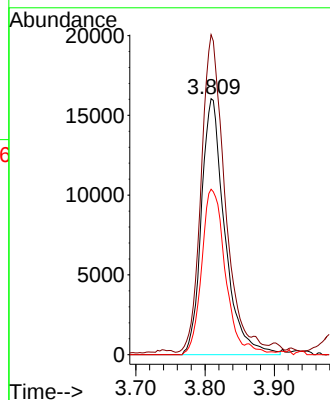
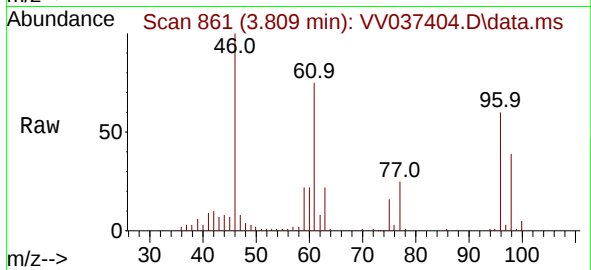




#22
 cis-1,2-Dichloroethene
 Concen: 1.527 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. -0.000 min
 Lab File: VV037404.D
 Acq: 20 Sep 2024 00:42

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8S3

Tgt Ion: 96 Resp: 37674
 Ion Ratio Lower Upper
 96 100
 61 125.0 87.6 162.6
 98 64.6 44.9 83.5



#34
 Trichloroethene
 Concen: 0.459 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.010 min
 Lab File: VV037404.D
 Acq: 20 Sep 2024 00:42

Tgt Ion: 95 Resp: 11445
 Ion Ratio Lower Upper
 95 100
 97 61.0 46.5 86.5
 132 107.6 65.5 121.7
 130 119.0 71.3 132.3

