

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028372.D
 Acq On : 05 Oct 2022 16:38
 Operator : SY/MD
 Sample : N4866-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ5

Quant Time: Oct 06 02:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

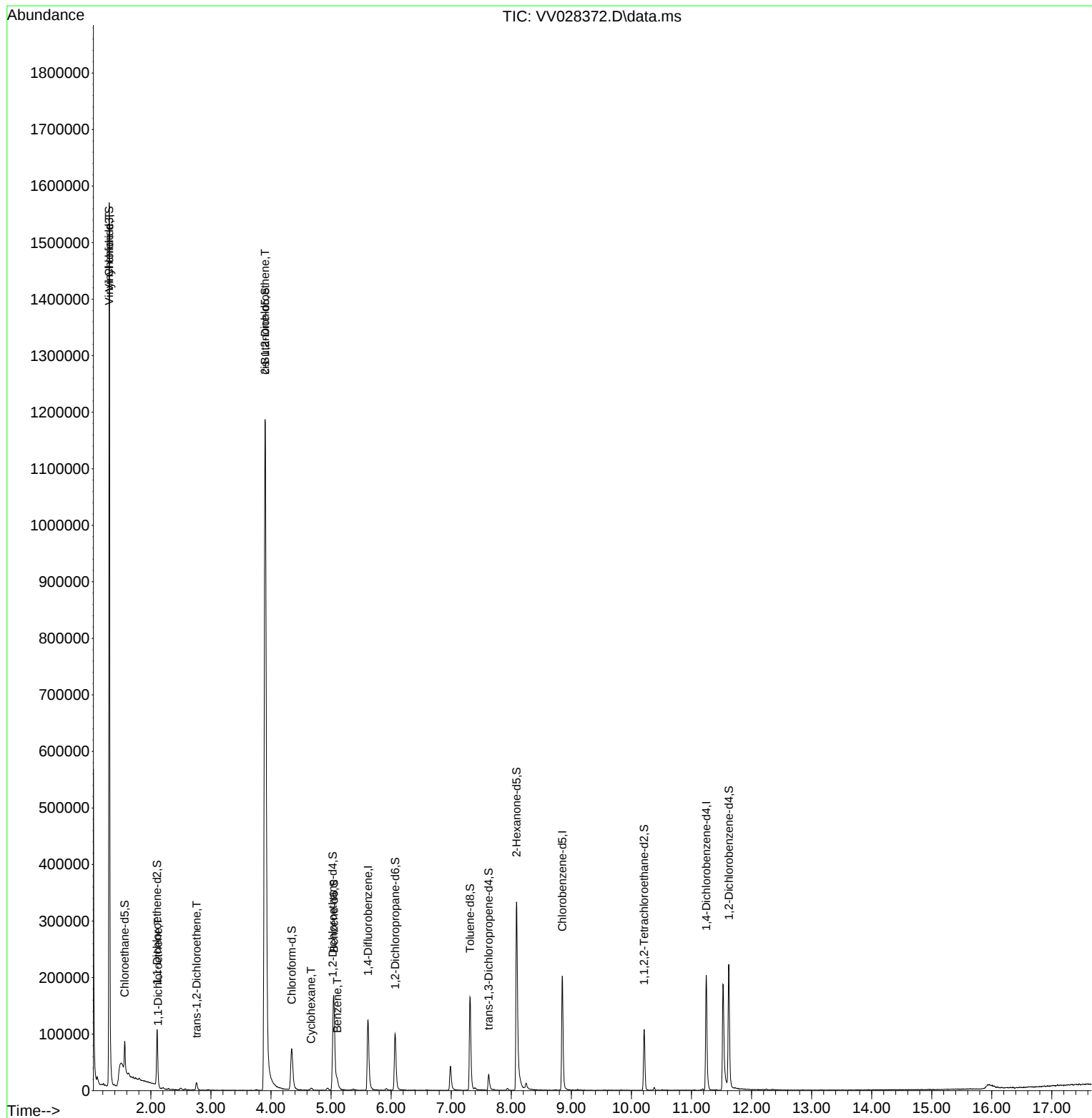
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117500	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122440	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	57883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38313	4.340	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.564	69	32740	4.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.104	63	47941	2.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.902	46	173012	115.821	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	231.640%#
24) Chloroform-d	4.346	84	79717	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.030	65	44920	6.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.200%
32) Benzene-d6	5.046	84	154913	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.066	67	53334	5.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.313	98	118399	3.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.625	79	18238	4.970	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.088	63	134711	89.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	179.380%#
56) 1,1,2,2-Tetrachloroeth...	10.213	84	55112	7.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	151.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	58282	5.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						
5) Vinyl chloride	1.307	62	965936	95.772	ug/L	99
12) 1,1-Dichloroethene	2.121	96	1325	0.157	ug/L #	1
18) trans-1,2-Dichloroethene	2.760	96	5521	0.629	ug/L	85
22) cis-1,2-Dichloroethene	3.902	96	675688	76.430	ug/L	96
30) Cyclohexane	4.667	56	1875	0.144	ug/L	91
33) Benzene	5.101	78	20101	0.551	ug/L	100

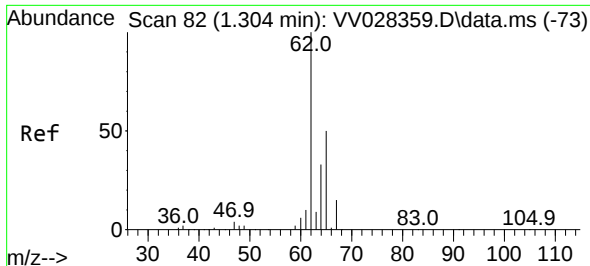
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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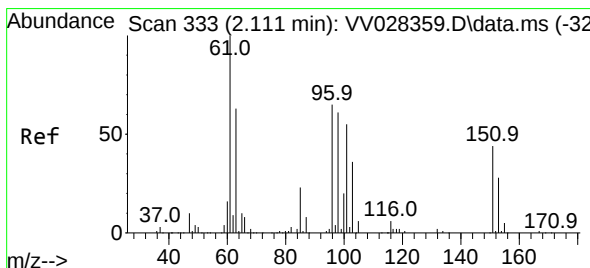
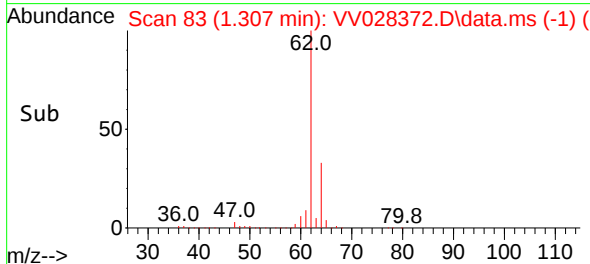
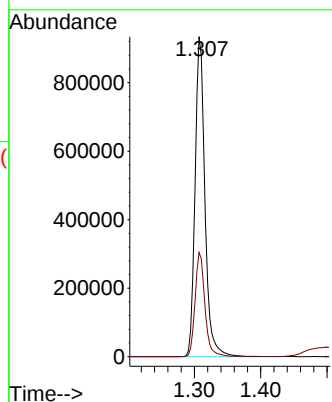
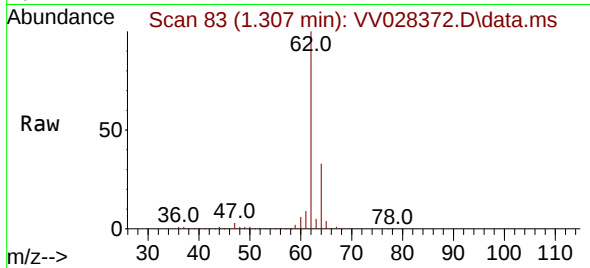




#5
 Vinyl chloride
 Concen: 95.772 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028372.D
 Acq: 05 Oct 2022 16:38

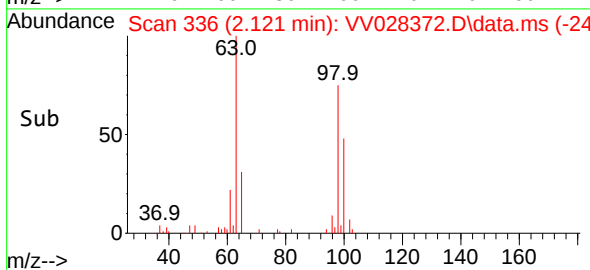
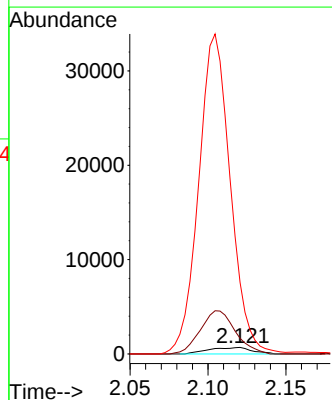
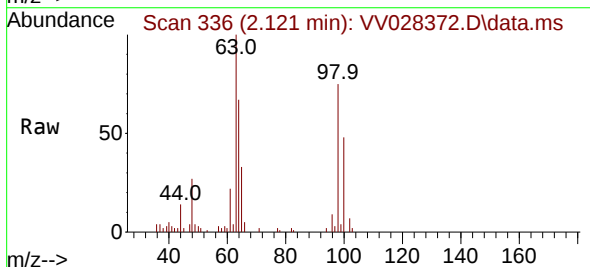
Instrument :
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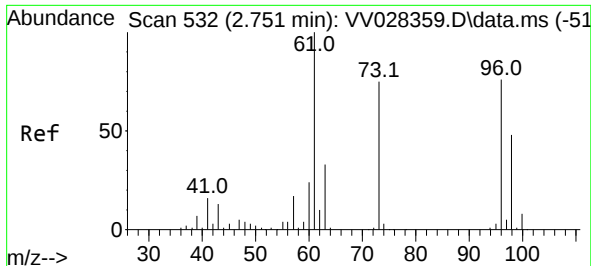
Tgt Ion: 62 Resp: 965936
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 0.157 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.010 min
 Lab File: VV028372.D
 Acq: 05 Oct 2022 16:38

Tgt Ion: 96 Resp: 1325
 Ion Ratio Lower Upper
 96 100
 61 240.9 128.3 238.3#
 63 1101.9 112.7 209.3#

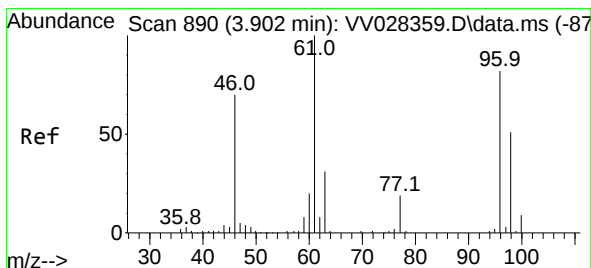
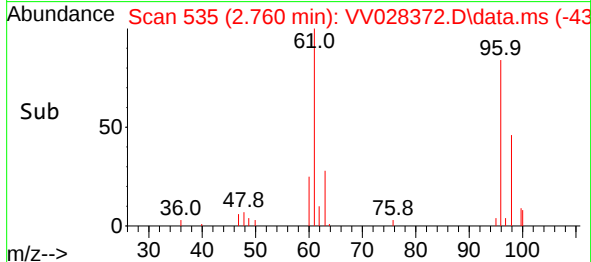
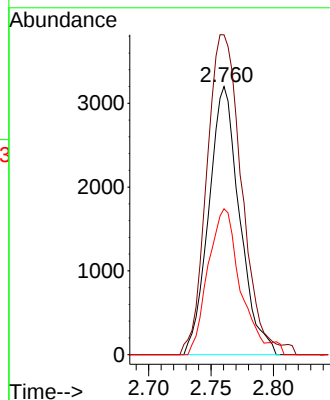
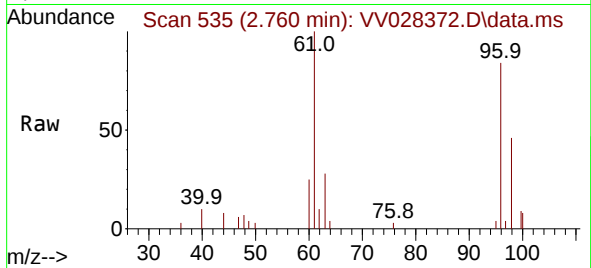




#18
trans-1,2-Dichloroethene
Concen: 0.629 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV028372.D
Acq: 05 Oct 2022 16:38

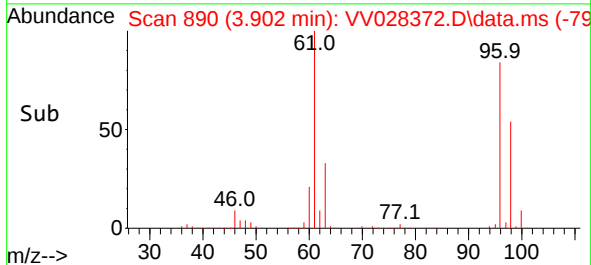
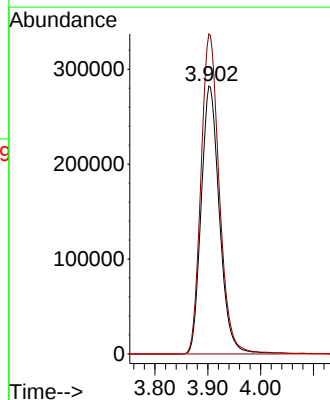
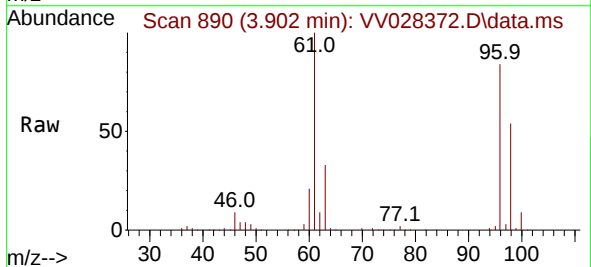
Instrument :
MSVOA_V
ClientSampleId :
EXFQ5

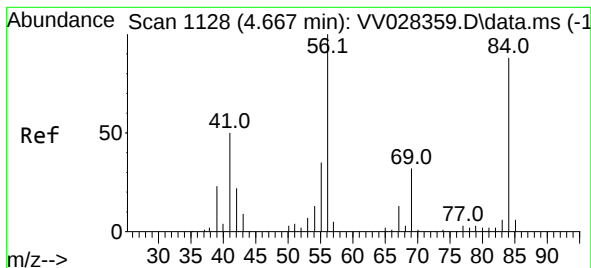
Tgt Ion: 96 Resp: 5521
Ion Ratio Lower Upper
96 100
61 119.3 96.2 178.6
98 54.4 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 76.430 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028372.D
Acq: 05 Oct 2022 16:38

Tgt Ion: 96 Resp: 675688
Ion Ratio Lower Upper
96 100
61 119.5 87.2 161.9
68 0.0 0.0 0.0





#30

Cyclohexane

Concen: 0.144 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV028372.D

Acq: 05 Oct 2022 16:38

Instrument :

MSVOA_V

ClientSampleId :

EXFQ5

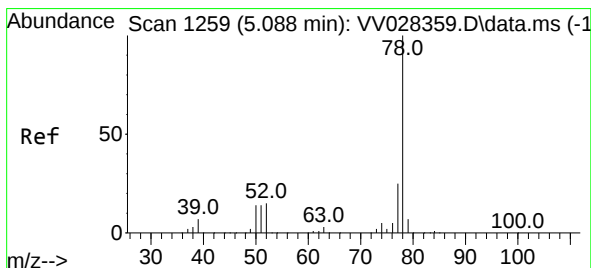
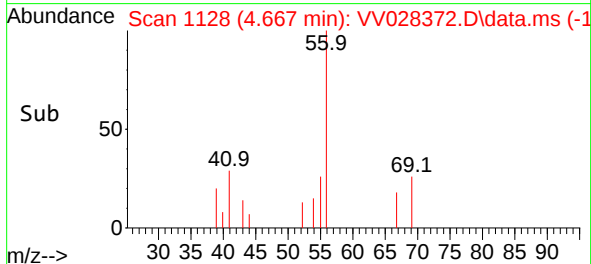
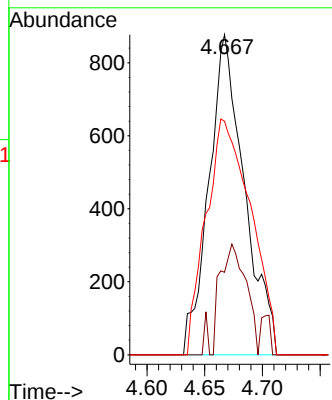
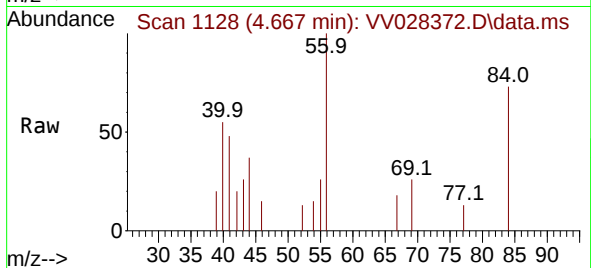
Tgt Ion: 56 Resp: 1875

Ion Ratio Lower Upper

56 100

69 25.1 23.7 35.5

84 92.6 67.3 100.9



#33

Benzene

Concen: 0.551 ug/L

RT: 5.101 min Scan# 1263

Delta R.T. 0.010 min

Lab File: VV028372.D

Acq: 05 Oct 2022 16:38

Tgt Ion: 78 Resp: 20101

