

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029582.D
 Acq On : 10 Dec 2022 15:38
 Operator : SY/MD
 Sample : N5928-17 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 76 Sample Multiplier: 1

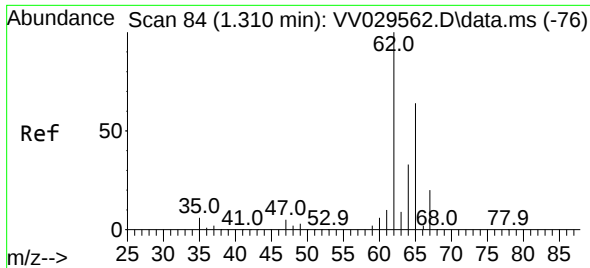
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ78

Quant Time: Dec 12 00:07:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	520504	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	484323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	252346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	122158	38.326	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.660%
7) Chloroethane-d5	1.561	69	107736	44.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.660%
11) 1,1-Dichloroethene-d2	2.104	63	165229	33.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.480%
21) 2-Butanone-d5	3.873	46	188419	96.905	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.910%
24) Chloroform-d	4.339	84	246109	41.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.060%
26) 1,2-Dichloroethane-d4	5.024	65	150213	43.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.700%
32) Benzene-d6	5.043	84	536290	41.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.820%
36) 1,2-Dichloropropane-d6	6.063	67	163883	41.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.840%
41) Toluene-d8	7.307	98	473086	39.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.460%#
43) trans-1,3-Dichloroprop...	7.612	79	64784	32.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.640%
47) 2-Hexanone-d5	8.082	63	154256	92.411	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.410%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	234528	41.985	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.980%
66) 1,2-Dichlorobenzene-d4	11.612	152	193331	40.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.500%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4918	1.257	ug/L #	56
8) Chloroethane	1.580	64	14689	6.745	ug/L	98
19) 1,1-Dichloroethane	3.185	63	37716	6.868	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	18728	5.313	ug/L	93
30) 1,1,1-Trichloroethane	4.603	97	14975	2.838	ug/L	96
35) Methylcyclohexane	6.063	83	38417	6.612	ug/L #	21
48) 2-Hexanone	8.082	43	15583	5.192	ug/L #	61

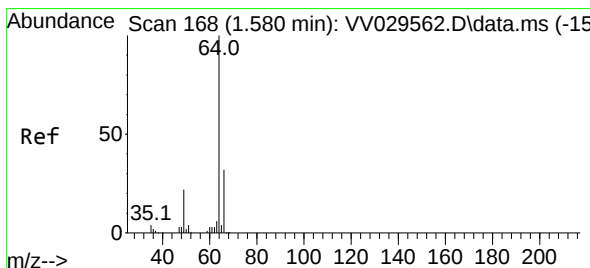
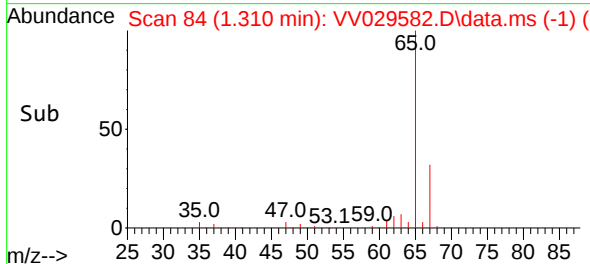
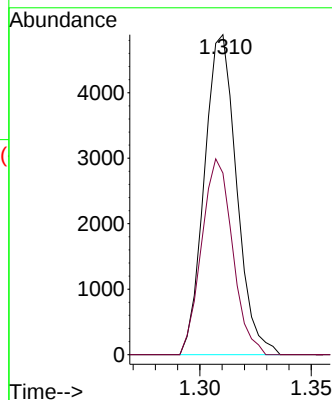
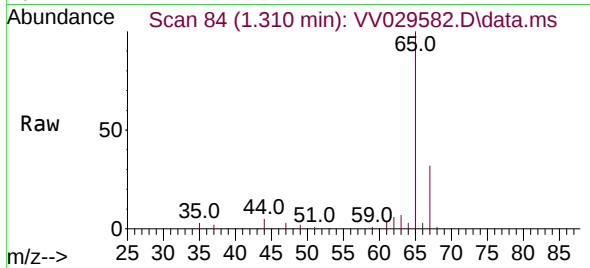
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.257 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029582.D
 Acq: 10 Dec 2022 15:38

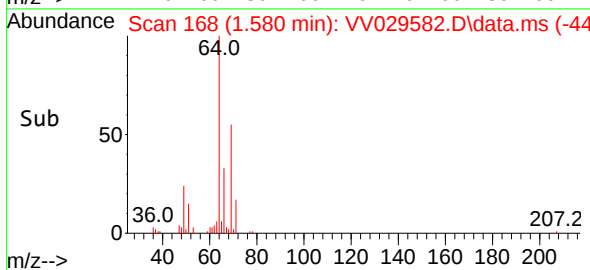
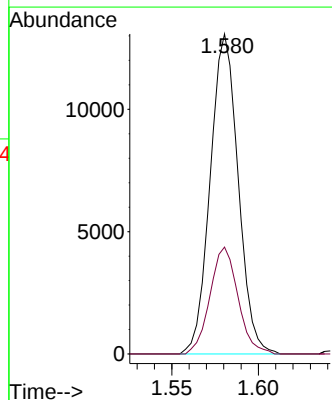
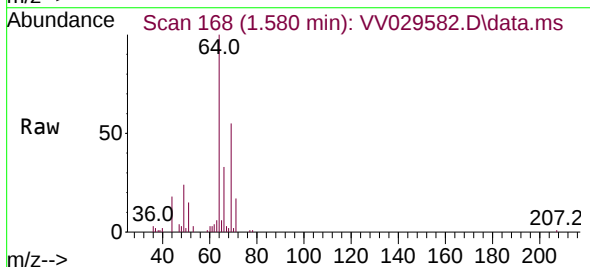
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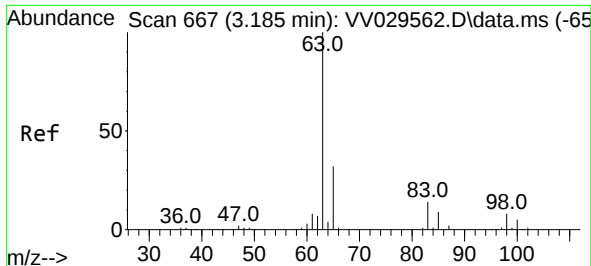
Tgt Ion: 62 Resp: 4918
 Ion Ratio Lower Upper
 62 100
 64 56.7 22.5 41.9#



#8
 Chloroethane
 Concen: 6.745 ug/L
 RT: 1.580 min Scan# 168
 Delta R.T. -0.000 min
 Lab File: VV029582.D
 Acq: 10 Dec 2022 15:38

Tgt Ion: 64 Resp: 14689
 Ion Ratio Lower Upper
 64 100
 66 33.4 22.5 41.9





#19

1,1-Dichloroethane

Concen: 6.868 ug/L

RT: 3.185 min Scan# 60

Delta R.T. -0.000 min

Lab File: VV029582.D

Acq: 10 Dec 2022 15:38

Instrument :

MSVOA_V

ClientSampleId :

EXZ78

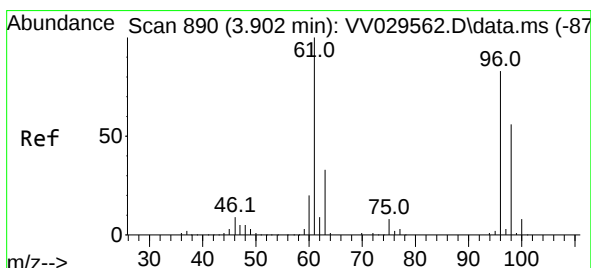
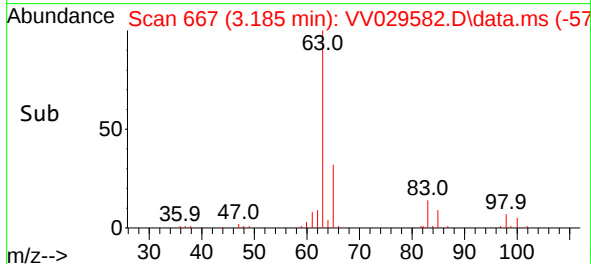
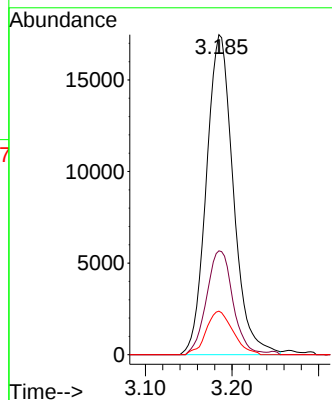
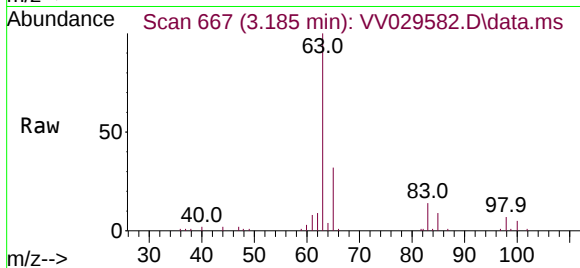
Tgt Ion: 63 Resp: 37716

Ion Ratio Lower Upper

63 100

65 32.4 22.5 41.7

83 13.6 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 5.313 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029582.D

Acq: 10 Dec 2022 15:38

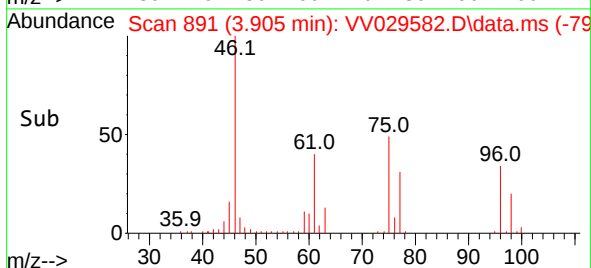
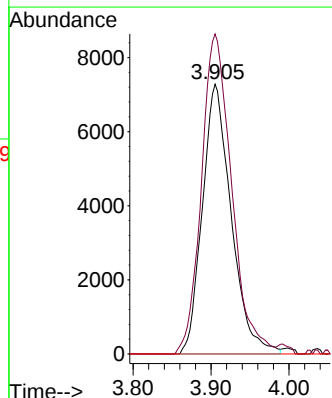
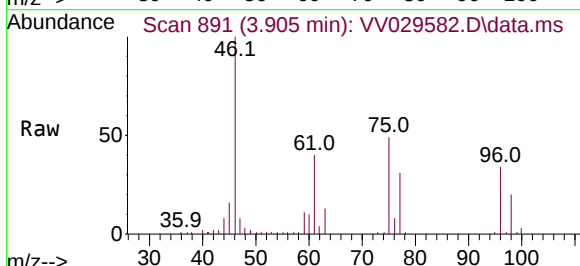
Tgt Ion: 96 Resp: 18728

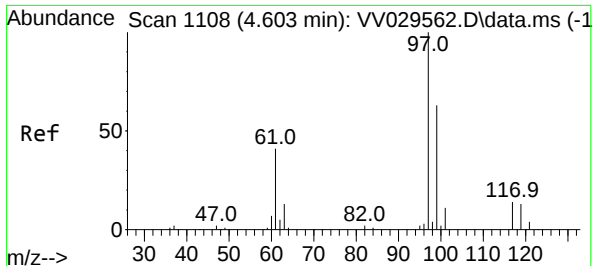
Ion Ratio Lower Upper

96 100

61 118.6 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 2.838 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV029582.D

Acq: 10 Dec 2022 15:38

Instrument :

MSVOA_V

ClientSampleId :

EXZ78

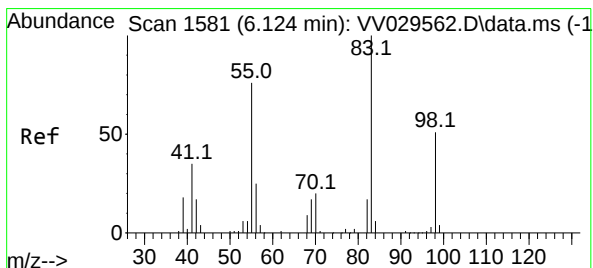
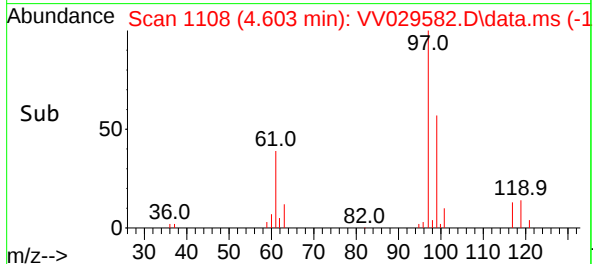
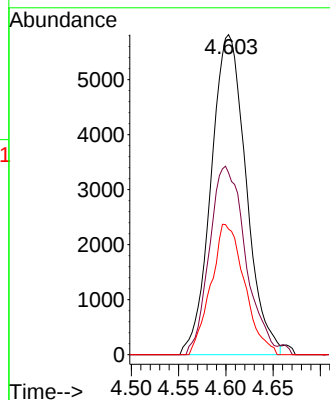
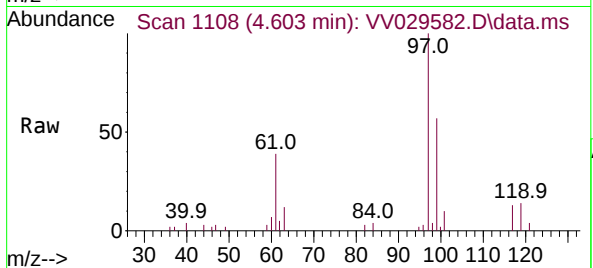
Tgt Ion: 97 Resp: 14975

Ion Ratio Lower Upper

97 100

99 60.7 52.1 78.1

61 39.2 31.8 47.8



#35

Methylcyclohexane

Concen: 6.612 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV029582.D

Acq: 10 Dec 2022 15:38

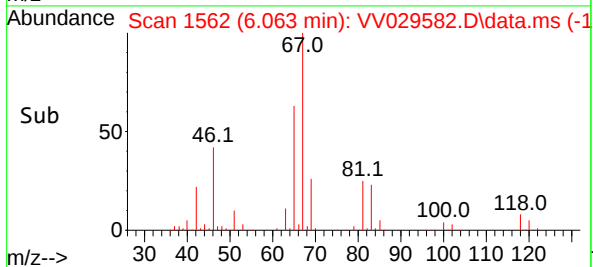
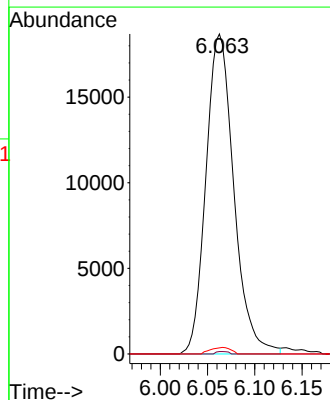
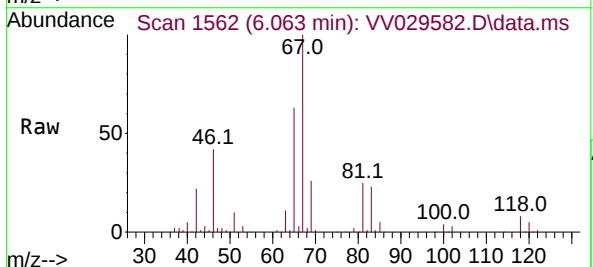
Tgt Ion: 83 Resp: 38417

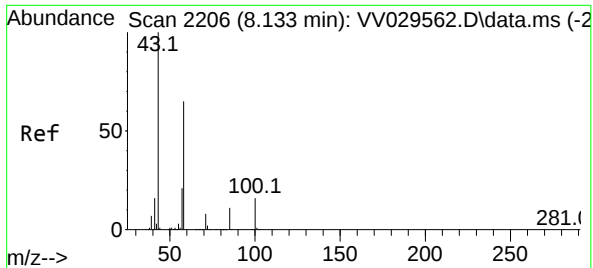
Ion Ratio Lower Upper

83 100

55 0.3 55.5 83.3#

98 1.5 39.8 59.8#





#48
 2-Hexanone
 Concen: 5.192 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. -0.051 min
 Lab File: VV029582.D
 Acq: 10 Dec 2022 15:38

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ78

Tgt Ion: 43	Resp: 15583
Ion Ratio	Lower Upper
43	100
58	31.0 54.1 81.1#
57	29.8 17.4 26.0#
100	0.3 13.6 20.4#

