

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101022\
 Data File : VW028506.D
 Acq On : 10 Oct 2022 19:44
 Operator : SY/MD
 Sample : N5079-04
 Misc : 5.00g/5.0ml/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ01

Quant Time: Oct 11 02:58:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 11 02:53:11 2022
 Response via : Initial Calibration

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

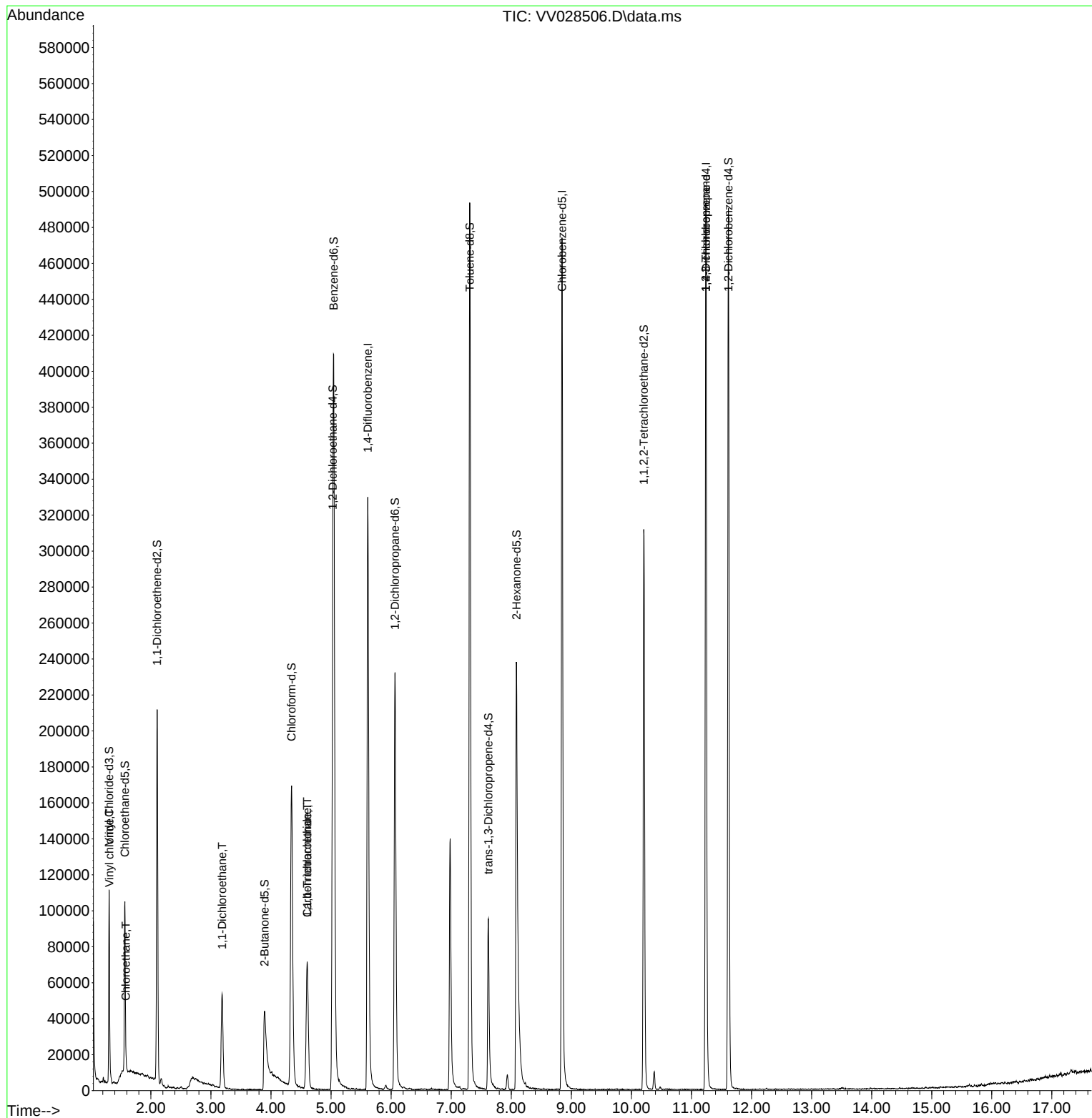
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	285155	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	262892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	129291	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69000	31.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.720%
7) Chloroethane-d5	1.568	69	60304	34.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.140%#
11) 1,1-Dichloroethene-d2	2.104	63	106032	28.315	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.640%#
21) 2-Butanone-d5	3.892	46	96130	49.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	49.910%
24) Chloroform-d	4.342	84	174231	43.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.360%
26) 1,2-Dichloroethane-d4	5.027	65	118995	45.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
32) Benzene-d6	5.043	84	352957	41.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.063	67	110825	40.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.700%
41) Toluene-d8	7.310	98	327057	43.364	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.720%
43) trans-1,3-Dichloroprop...	7.619	79	57291	40.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.840%
47) 2-Hexanone-d5	8.088	63	114222	76.450	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.450%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	149038	39.654	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.300%
66) 1,2-Dichlorobenzene-d4	11.615	152	126388	47.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	3514	1.449	ug/L #	19
8) Chloroethane	1.584	64	2382	1.618	ug/L #	69
19) 1,1-Dichloroethane	3.185	63	53289	13.409	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	58607	17.257	ug/L	96
31) Carbon tetrachloride	4.603	117	7353	2.586	ug/L	98
61) 1,2,3-Trichloropropane	11.239	75	14540	5.283	ug/L #	67

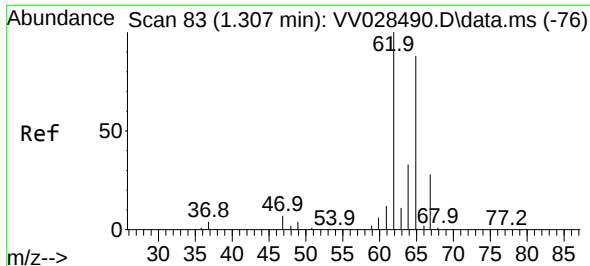
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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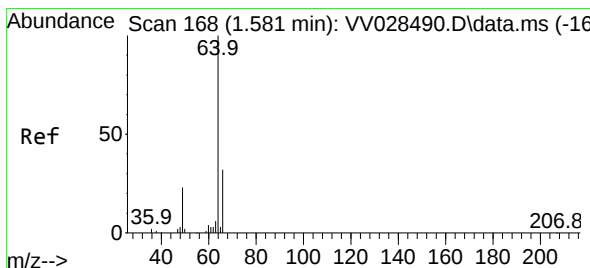
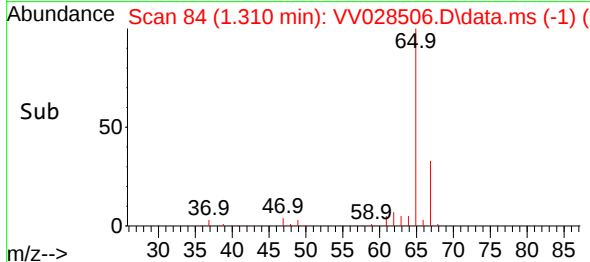
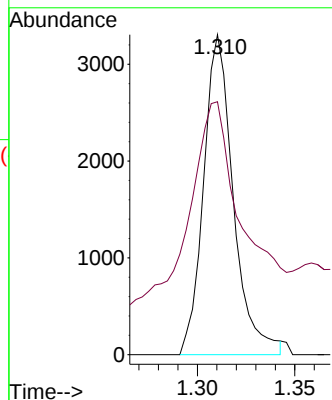
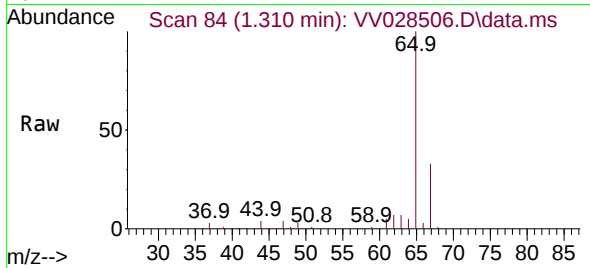




#5
 Vinyl chloride
 Concen: 1.449 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV028506.D
 Acq: 10 Oct 2022 19:44

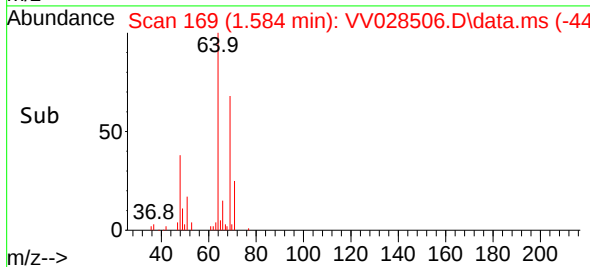
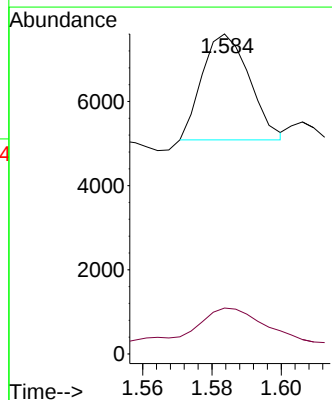
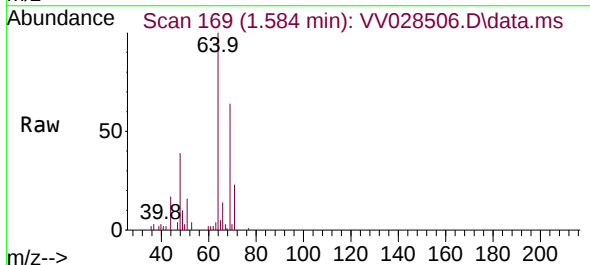
Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ01

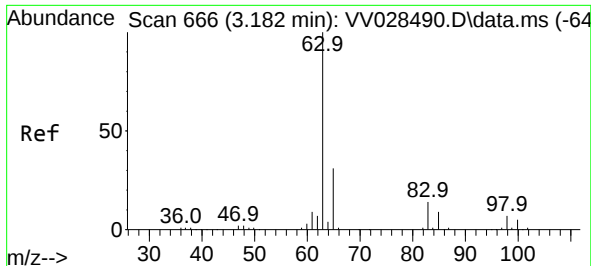
Tgt Ion: 62 Resp: 3514
 Ion Ratio Lower Upper
 62 100
 64 79.0 23.3 43.3#



#8
 Chloroethane
 Concen: 1.618 ug/L
 RT: 1.584 min Scan# 169
 Delta R.T. 0.003 min
 Lab File: VV028506.D
 Acq: 10 Oct 2022 19:44

Tgt Ion: 64 Resp: 2382
 Ion Ratio Lower Upper
 64 100
 66 14.4 22.2 41.2#





#19

1,1-Dichloroethane

Concen: 13.409 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028506.D

Acq: 10 Oct 2022 19:44

Instrument :

MSVOA_V

ClientSampleId :

BFZ01

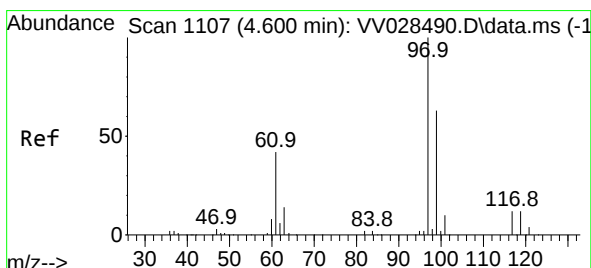
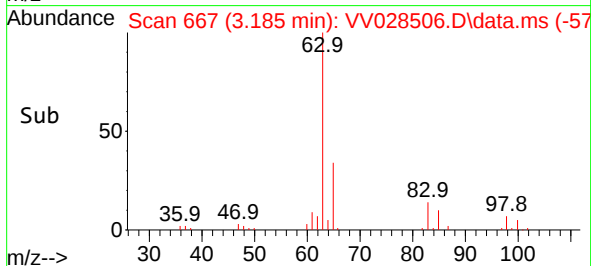
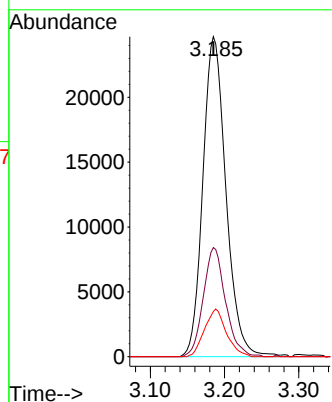
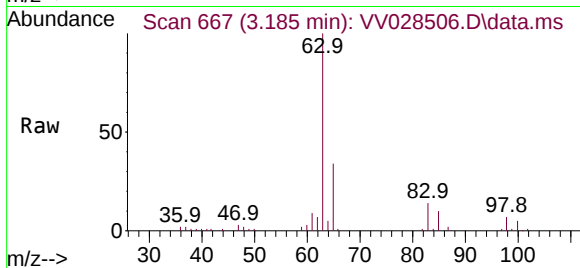
Tgt Ion: 63 Resp: 53289

Ion Ratio Lower Upper

63 100

65 34.1 22.6 42.0

83 14.1 9.2 17.0



#30

1,1,1-Trichloroethane

Concen: 17.257 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV028506.D

Acq: 10 Oct 2022 19:44

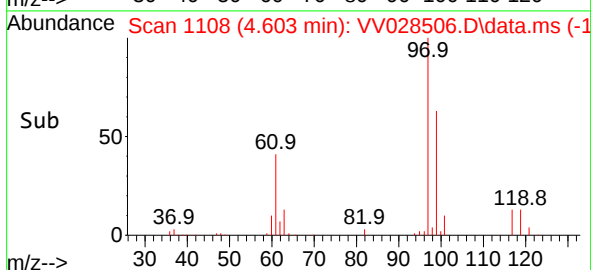
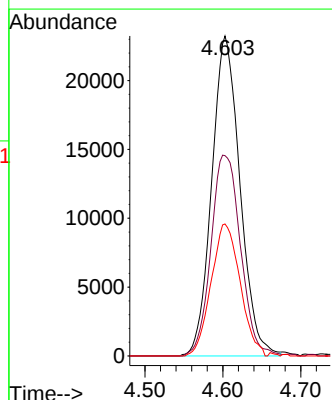
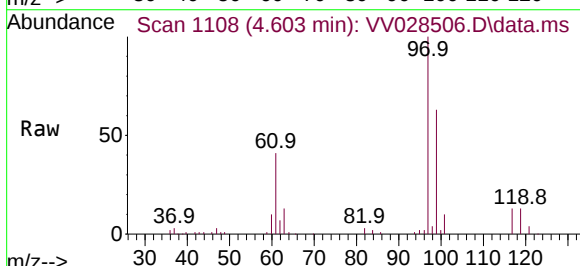
Tgt Ion: 97 Resp: 58607

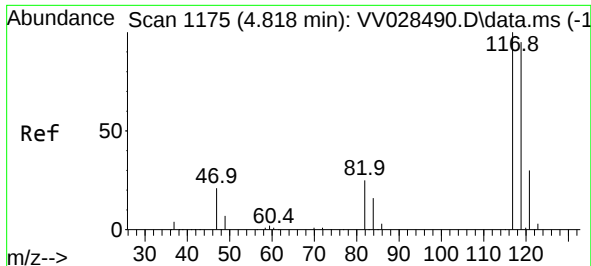
Ion Ratio Lower Upper

97 100

99 65.7 50.2 75.2

61 42.4 35.8 53.6

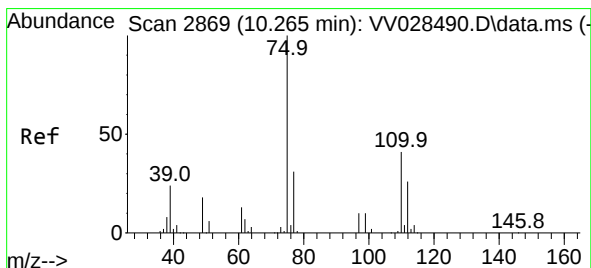
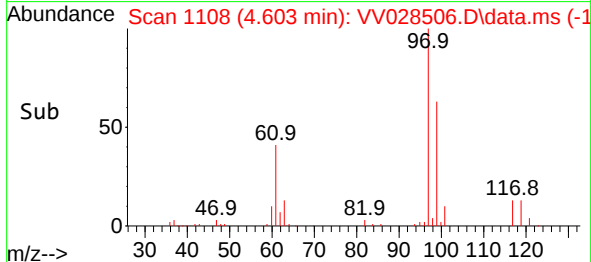
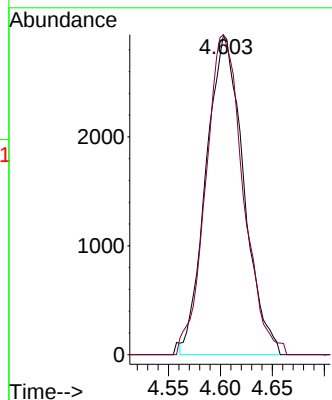
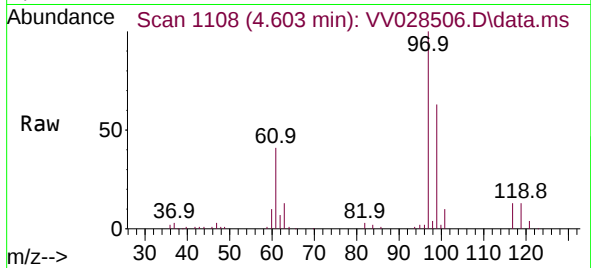




#31
Carbon tetrachloride
Concen: 2.586 ug/L
RT: 4.603 min Scan# 1175
Delta R.T. -0.216 min
Lab File: VV028506.D
Acq: 10 Oct 2022 19:44

Instrument :
MSVOA_V
ClientSampleId :
BFZ01

Tgt Ion:117 Resp: 7353
Ion Ratio Lower Upper
117 100
119 99.2 78.0 117.0



#61
1,2,3-Trichloropropane
Concen: 5.283 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV028506.D
Acq: 10 Oct 2022 19:44

Tgt Ion: 75 Resp: 14540
Ion Ratio Lower Upper
75 100
77 34.5 25.7 38.5
110 2.9 30.0 45.0#

