

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033190.D
 Acq On : 08 Dec 2023 15:06
 Operator : SY/MD
 Sample : 05685-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 22:01:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

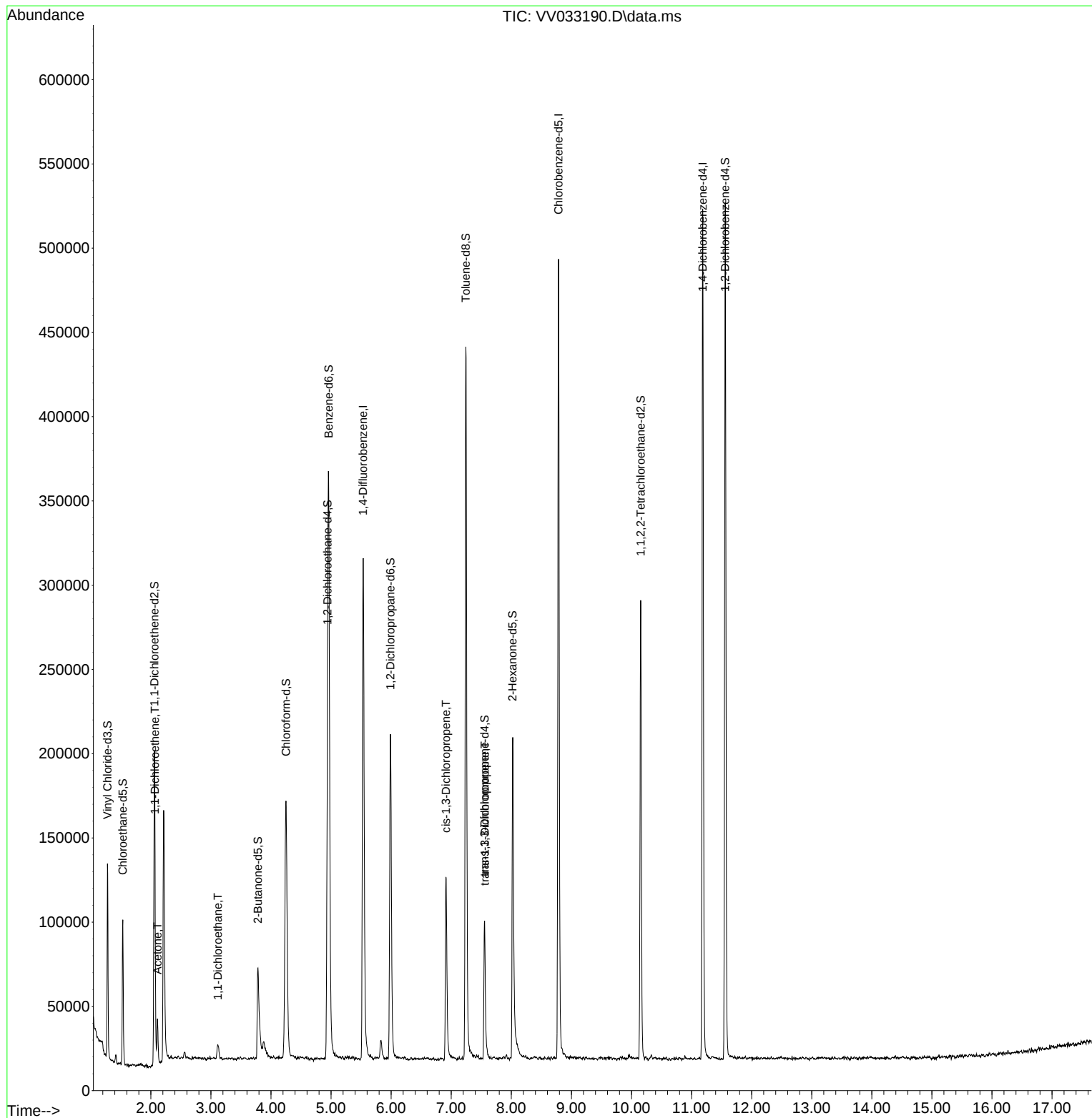
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	278515	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	277426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143200	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70510	42.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.700%
7) Chloroethane-d5	1.532	69	53098	45.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.540%
11) 1,1-Dichloroethene-d2	2.060	65	29041	45.850	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.700%
21) 2-Butanone-d5	3.780	46	81999	99.158	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.160%
24) Chloroform-d	4.249	84	168078	47.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
26) 1,2-Dichloroethane-d4	4.940	65	112237	51.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.180%
32) Benzene-d6	4.960	84	314084	48.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
36) 1,2-Dichloropropane-d6	5.989	67	85467	48.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.980%
41) Toluene-d8	7.243	98	288509	46.612	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
43) trans-1,3-Dichloroprop...	7.555	79	49782	45.126	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.260%
47) 2-Hexanone-d5	8.021	63	65713	93.761	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.760%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	116846	47.116	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.240%
66) 1,2-Dichlorobenzene-d4	11.561	152	137964	54.149	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.300%
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	3421	2.450	ug/L #	1
13) Acetone	2.111	43	26879	34.047	ug/L	100
19) 1,1-Dichloroethane	3.114	63	8601	2.835	ug/L	96
39) cis-1,3-Dichloropropene	6.911	75	3280	1.111	ug/L #	63
44) trans-1,3-Dichloropropene	7.558	75	2517	0.843	ug/L	98

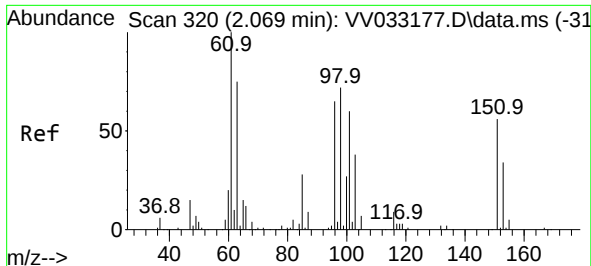
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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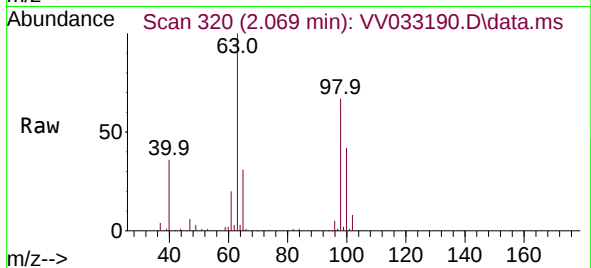
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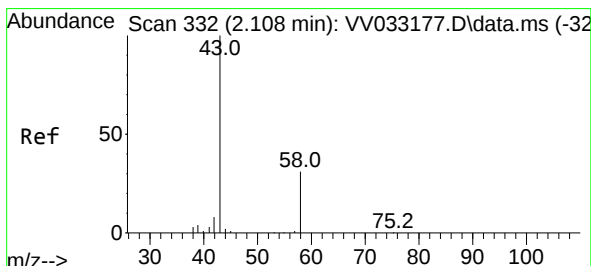
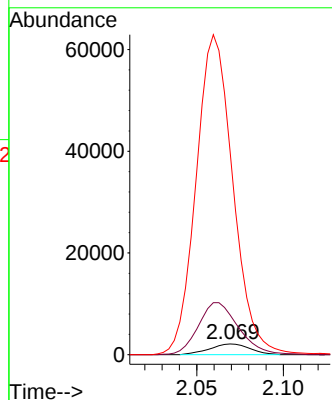
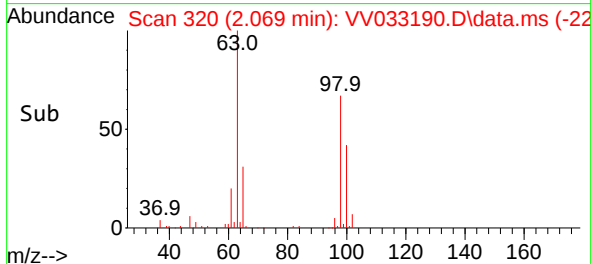


#12
1,1-Dichloroethene
Concen: 2.450 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033190.D
Acq: 08 Dec 2023 15:06

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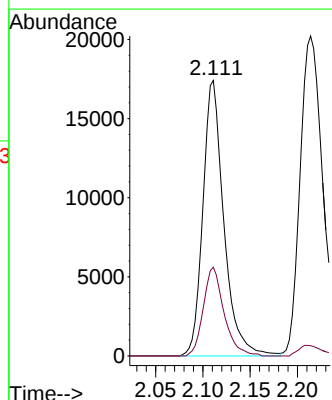
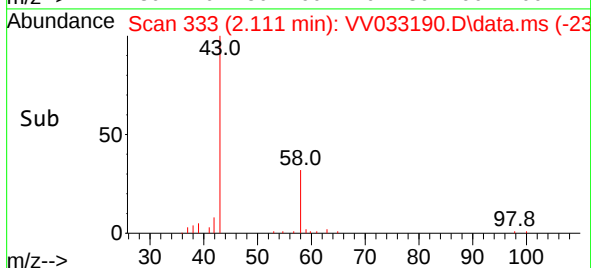
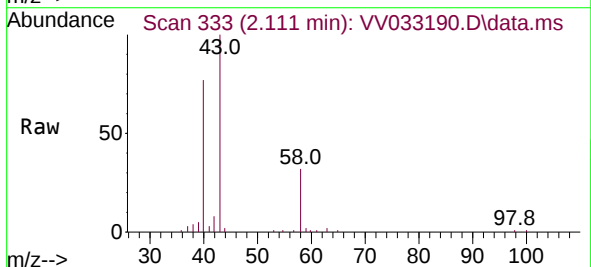


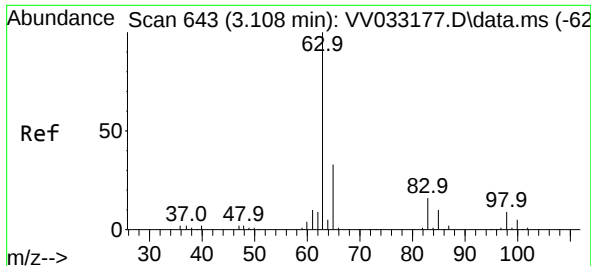
Tgt Ion: 96 Resp: 3421
Ion Ratio Lower Upper
96 100
61 372.5 109.1 202.7#
63 1903.9 85.3 158.3#



#13
Acetone
Concen: 34.047 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV033190.D
Acq: 08 Dec 2023 15:06

Tgt Ion: 43 Resp: 26879
Ion Ratio Lower Upper
43 100
58 31.6 0.0 62.8





#19

1,1-Dichloroethane

Concen: 2.835 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033190.D

Acq: 08 Dec 2023 15:06

Instrument :

MSVOA_V

ClientSampleId :

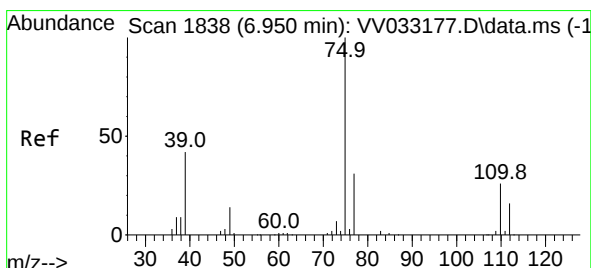
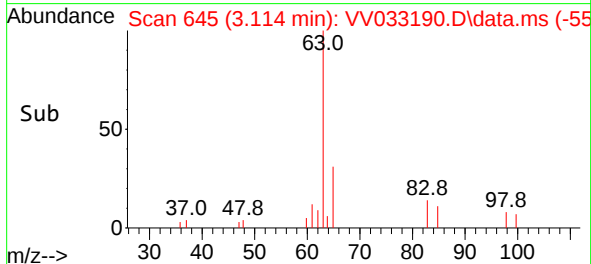
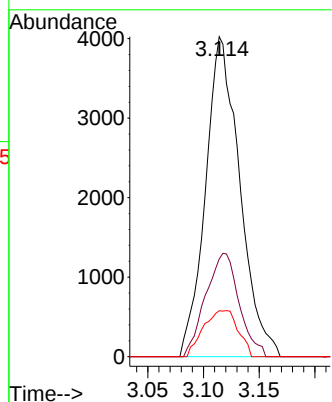
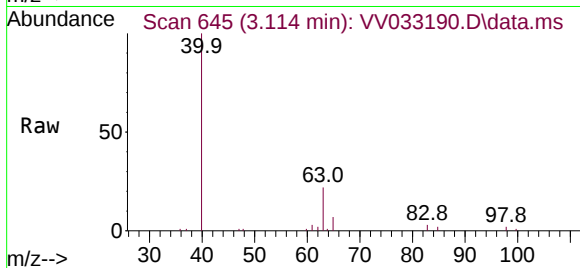
Tgt Ion: 63 Resp: 8601

Ion Ratio Lower Upper

63 100

65 30.6 23.0 42.6

83 14.3 11.4 21.2



#39

cis-1,3-Dichloropropene

Concen: 1.111 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV033190.D

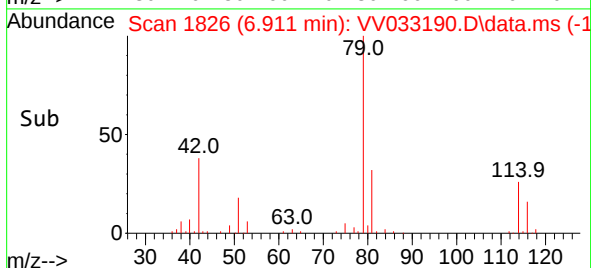
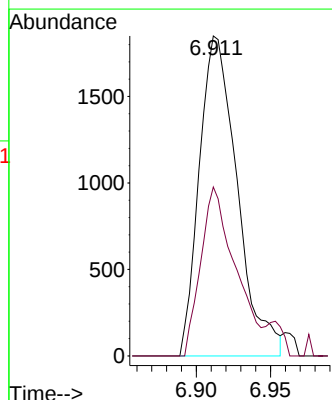
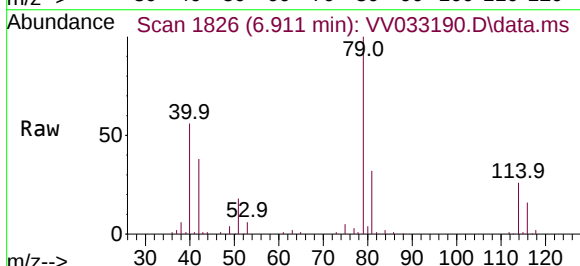
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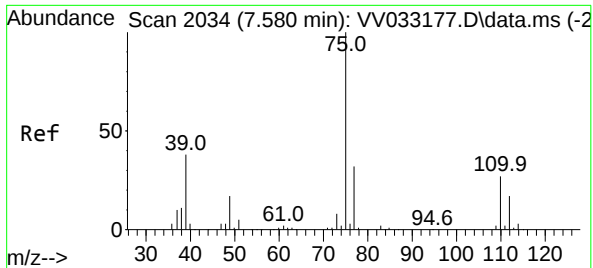
Tgt Ion: 75 Resp: 3280

Ion Ratio Lower Upper

75 100

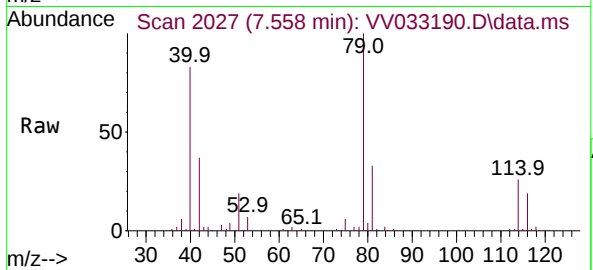
77 52.8 22.4 41.6#





#44
trans-1,3-Dichloropropene
Concen: 0.843 ug/L
RT: 7.558 min Scan# 20
Delta R.T. -0.023 min
Lab File: VV033190.D
Acq: 08 Dec 2023 15:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 2517
Ion Ratio Lower Upper
75 100
77 30.4 22.0 41.0

