

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120623\
 Data File : VW033119.D
 Acq On : 06 Dec 2023 16:16
 Operator : SY/MD
 Sample : 05644-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 03:45:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 01:18:11 2023
 Response via : Initial Calibration

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

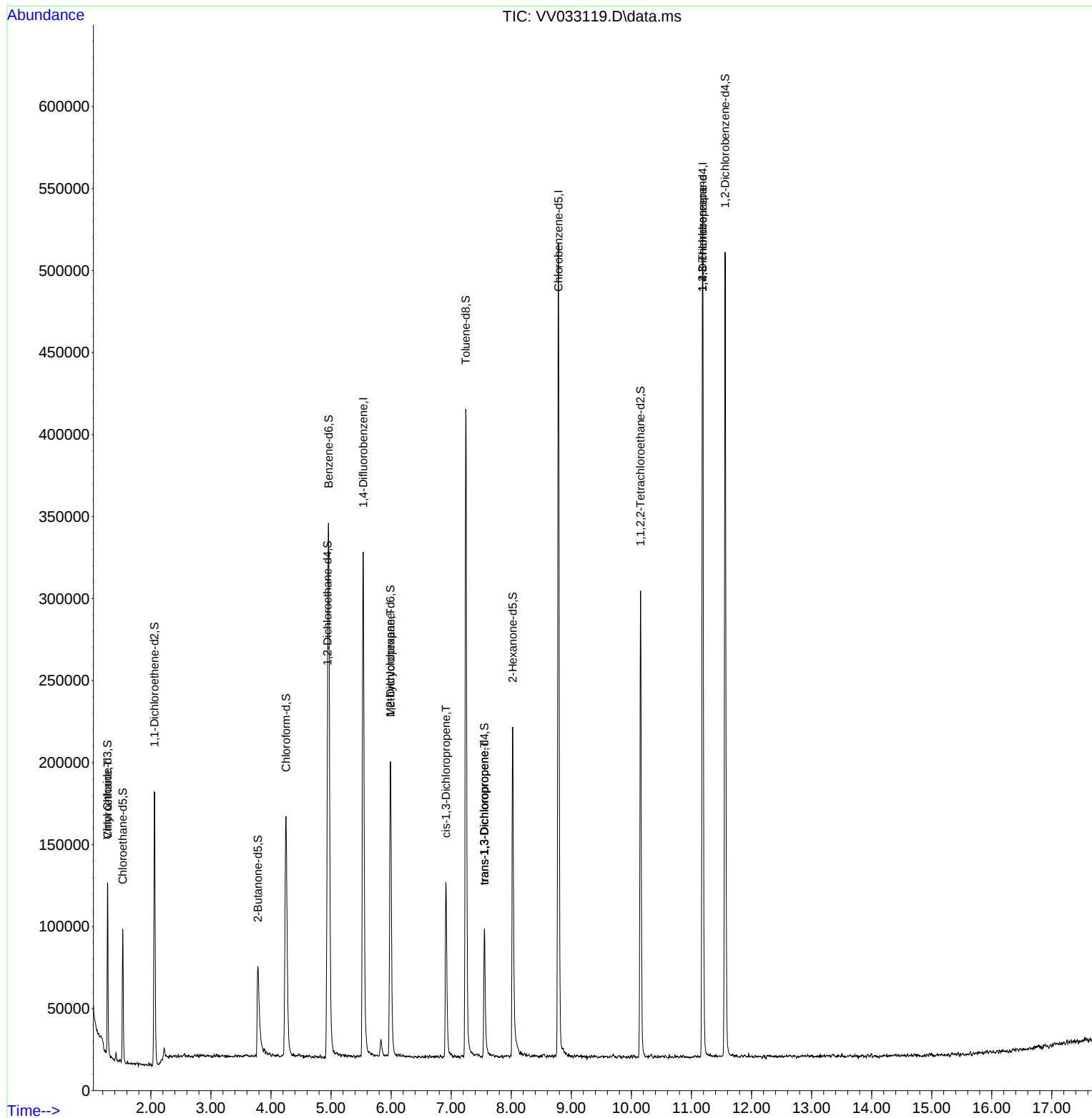
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	286335	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	286256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	147109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64605	37.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.480%
7) Chloroethane-d5	1.532	69	52093	43.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.360%
11) 1,1-Dichloroethene-d2	2.060	65	26418	40.570	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.140%
21) 2-Butanone-d5	3.780	46	83852	98.629	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.630%
24) Chloroform-d	4.249	84	159254	43.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	4.940	65	104756	46.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
32) Benzene-d6	4.960	84	294233	43.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.900%
36) 1,2-Dichloropropane-d6	5.989	67	82735	45.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	7.243	98	269658	42.223	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.440%
43) trans-1,3-Dichloroprop...	7.555	79	46591	40.931	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.860%
47) 2-Hexanone-d5	8.024	63	70953	98.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.120%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	120962	47.271	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.540%
66) 1,2-Dichlorobenzene-d4	11.561	152	132072	50.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.920%
Target Compounds						
					Qvalue	
8) Chloroethane	1.281	64	1093	1.037	ug/L #	1
35) Methylcyclohexane	5.989	83	23852	7.583	ug/L #	21
39) cis-1,3-Dichloropropene	6.911	75	2756	0.905	ug/L #	53
44) trans-1,3-Dichloropropene	7.551	75	2290	0.743	ug/L	84
61) 1,2,3-Trichloropropane	11.185	75	13900	7.578	ug/L #	60

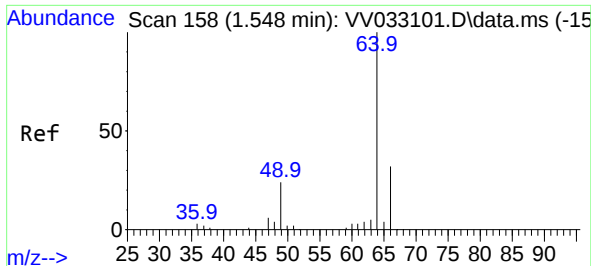
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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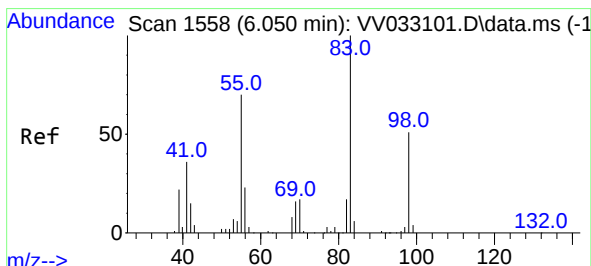
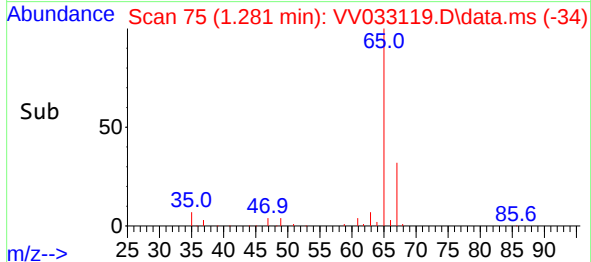
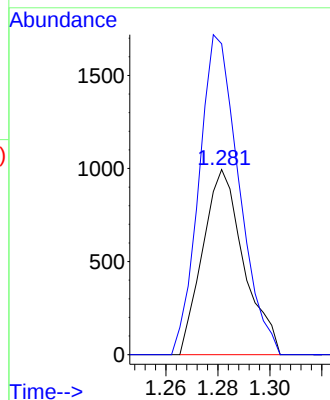
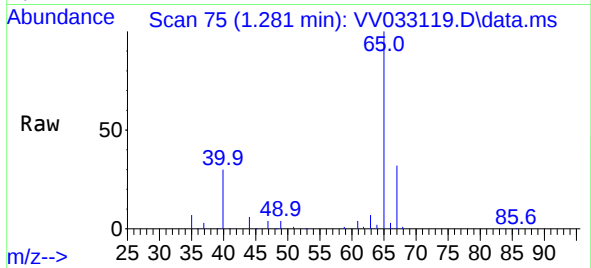




#8
Chloroethane
Concen: 1.037 ug/L
RT: 1.281 min Scan# 71
Delta R.T. -0.267 min
Lab File: VV033119.D
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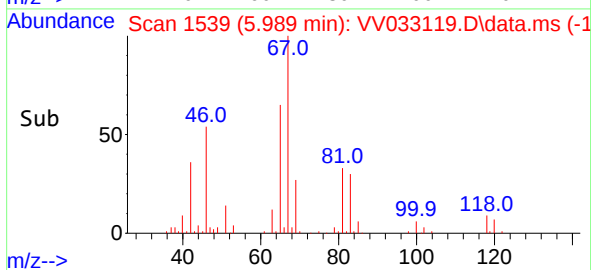
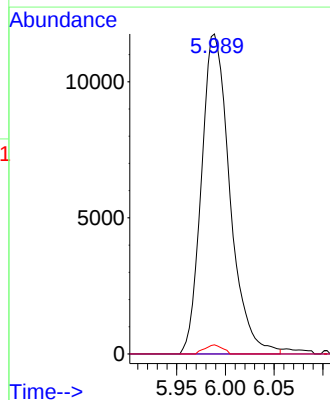
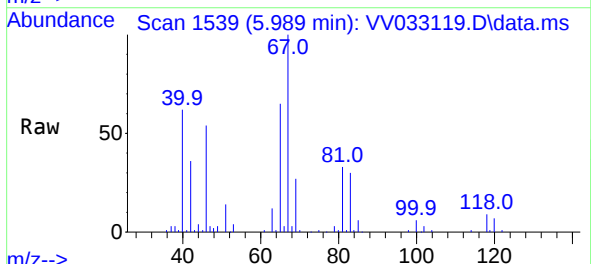
Instrument :
MSVOA_V
ClientSampleId :

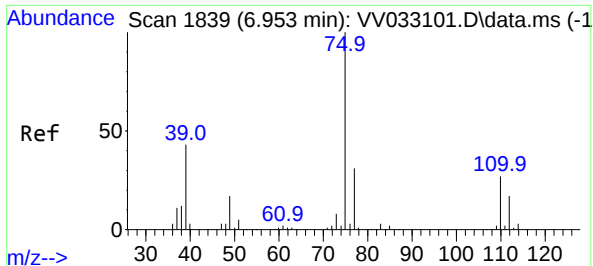
Tgt Ion: 64 Resp: 1093
Ion Ratio Lower Upper
64 100
66 168.0 22.3 41.5#



#35
Methylcyclohexane
Concen: 7.583 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033119.D
Acq: 06 Dec 2023 16:16

Tgt Ion: 83 Resp: 23852
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 1.8 41.4 62.0#





#39

cis-1,3-Dichloropropene

Concen: 0.905 ug/L

RT: 6.911 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033119.D

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Instrument :

MSVOA_V

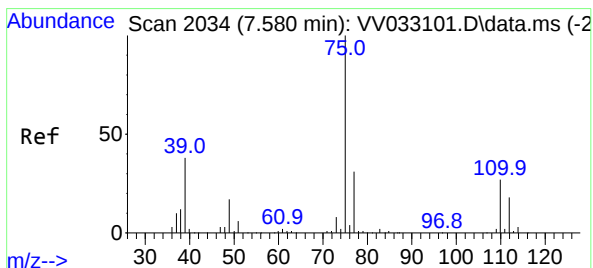
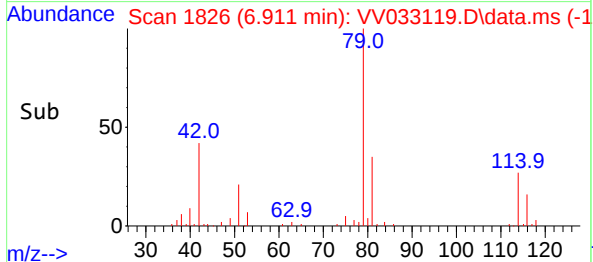
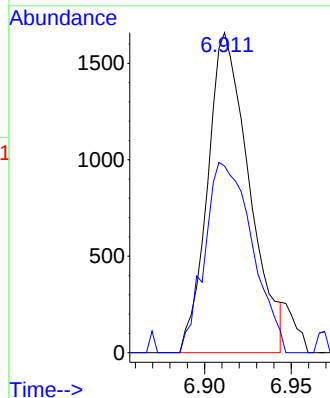
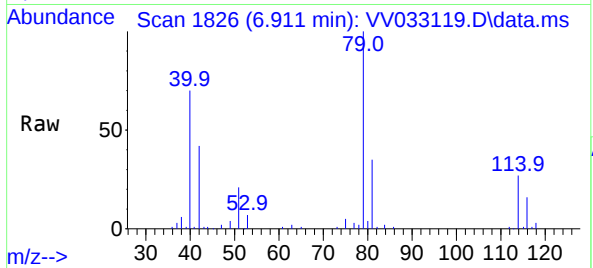
ClientSampleId :

Tgt Ion: 75 Resp: 2756

Ion Ratio Lower Upper

75 100

77 58.3 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.743 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.026 min

Lab File: VV033119.D

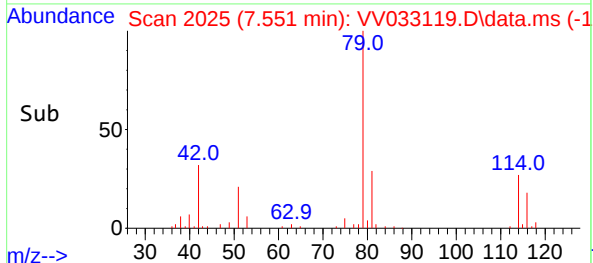
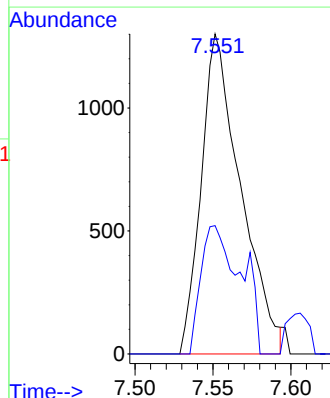
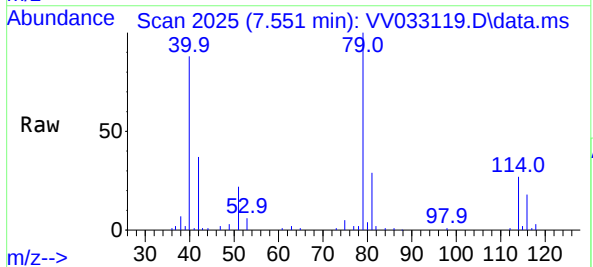
Acq: 06 Dec 2023 16:16

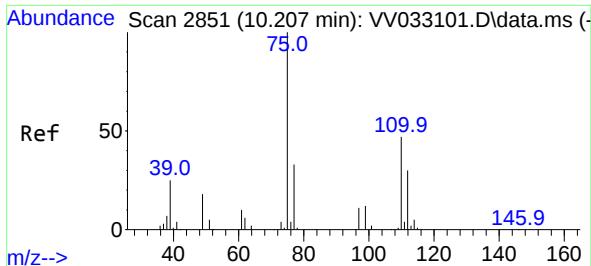
Tgt Ion: 75 Resp: 2290

Ion Ratio Lower Upper

75 100

77 40.1 22.0 41.0





#61

1,2,3-Trichloropropane

Concen: 7.578 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.978 min

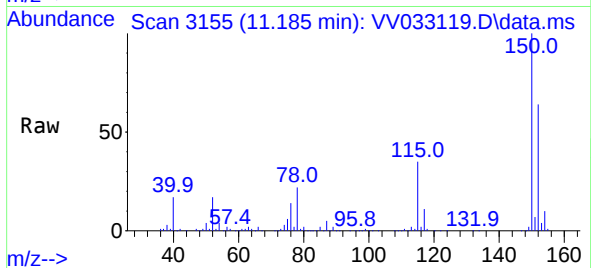
Lab File: VV033119.D

Acq: 06 Dec 2023 16:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 13900

Ion Ratio Lower Upper

75 100

77 35.5 27.0 40.6

110 3.3 38.1 57.1#

