

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033804.D
 Acq On : 22 Jan 2024 15:48
 Operator : SY/MD
 Sample : P1190-21
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:45:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

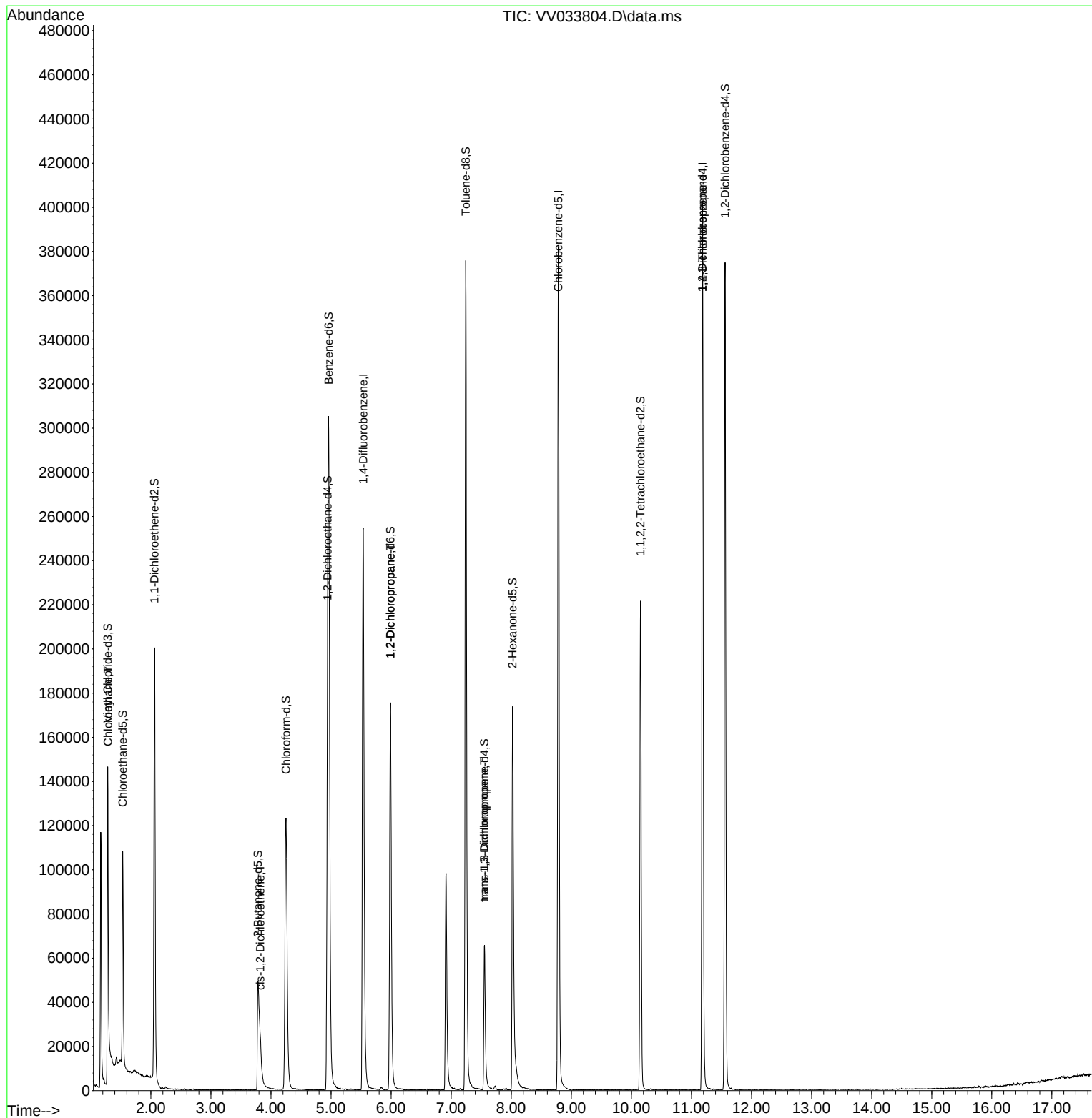
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	216102	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	204716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	101468	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	72032	43.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.740%
7) Chloroethane-d5	1.532	69	61448	46.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.440%
11) 1,1-Dichloroethene-d2	2.059	65	34312	48.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.000%
21) 2-Butanone-d5	3.783	46	80599	70.751	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.750%
24) Chloroform-d	4.249	84	134076	45.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.300%
26) 1,2-Dichloroethane-d4	4.940	65	92389	48.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
32) Benzene-d6	4.960	84	265961	45.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.989	67	83835	43.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.520%
41) Toluene-d8	7.243	98	243942	46.520	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	7.554	79	38337	40.491	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.980%
47) 2-Hexanone-d5	8.021	63	59883	75.358	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	103521	42.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.660%
66) 1,2-Dichlorobenzene-d4	11.561	152	91634	47.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
8) Chloroethane	1.285	64	62291	53.415	ug/L #	65
20) cis-1,2-Dichloroethene	3.821	96	7171	4.447	ug/L	96
37) 1,2-Dichloropropane	5.989	63	9970	6.026	ug/L #	88
44) trans-1,3-Dichloropropene	7.551	75	1883	0.740	ug/L #	70
61) 1,2,3-Trichloropropane	11.185	75	12546	6.967	ug/L #	69

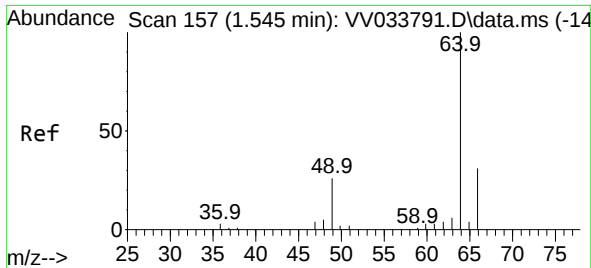
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration





#8

Chloroethane

Concen: 53.415 ug/L

RT: 1.285 min Scan# 7

Delta R.T. -0.261 min

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Instrument :

MSVOA_V

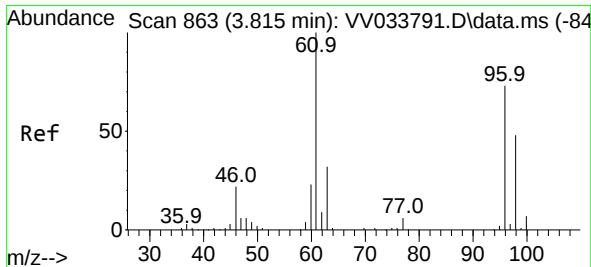
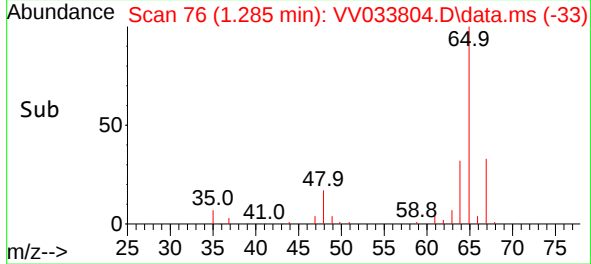
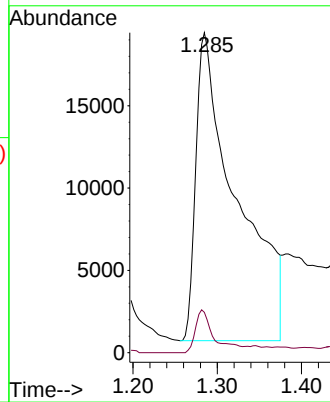
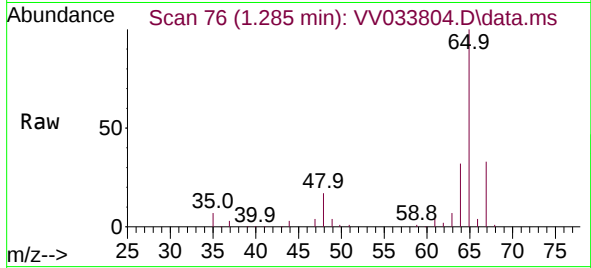
ClientSampleId :

Tgt Ion: 64 Resp: 62291

Ion Ratio Lower Upper

64 100

66 12.6 22.5 41.9#



#20

cis-1,2-Dichloroethene

Concen: 4.447 ug/L

RT: 3.821 min Scan# 865

Delta R.T. 0.006 min

Lab File: VV033804.D

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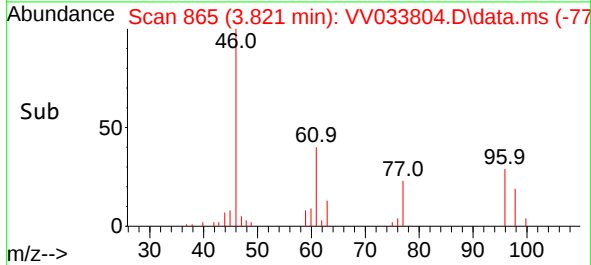
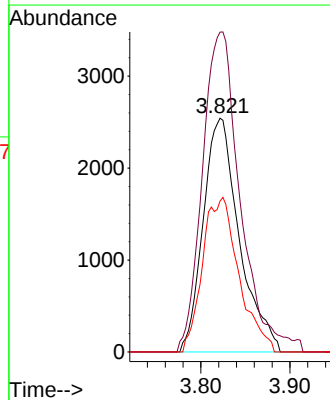
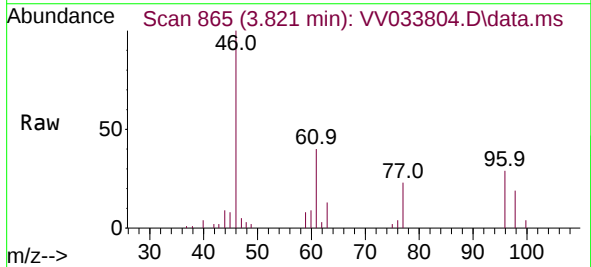
Tgt Ion: 96 Resp: 7171

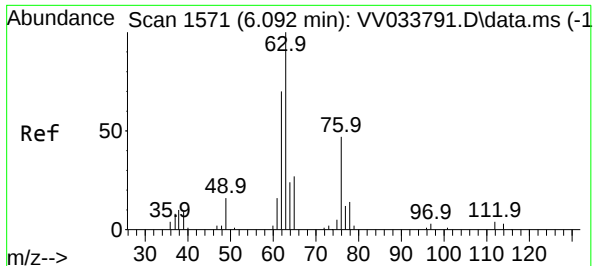
Ion Ratio Lower Upper

96 100

61 136.8 100.6 186.8

98 64.6 44.6 82.8





#37

1,2-Dichloropropane

Concen: 6.026 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

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Instrument :

MSVOA_V

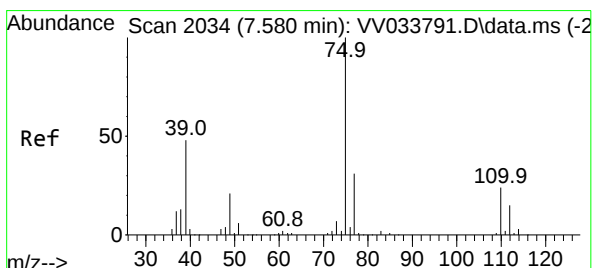
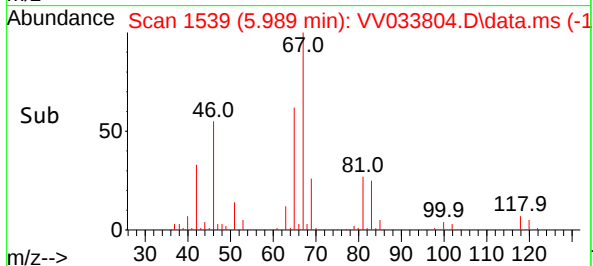
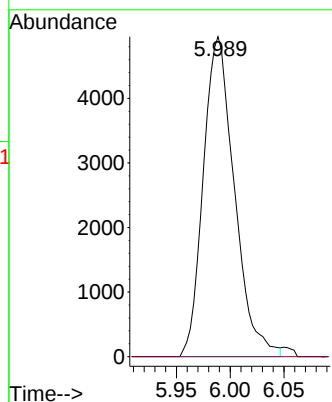
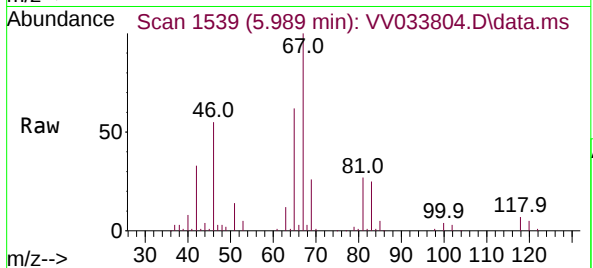
ClientSampleId :

Tgt Ion: 63 Resp: 9970

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#44

trans-1,3-Dichloropropene

Concen: 0.740 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV033804.D

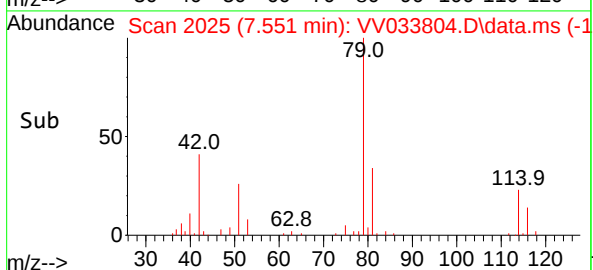
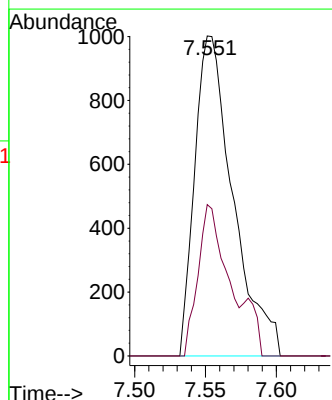
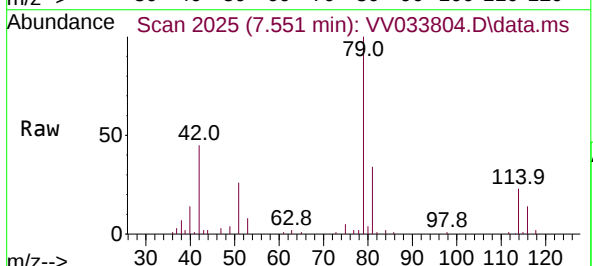
Acq: 22 Jan 2024 15:48

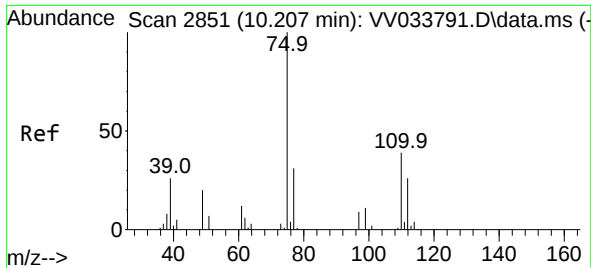
Tgt Ion: 75 Resp: 1883

Ion Ratio Lower Upper

75 100

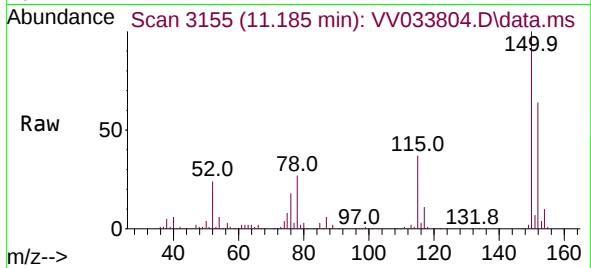
77 47.3 21.6 40.0#





#61
 1,2,3-Trichloropropane
 Concen: 6.967 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.977 min
 Lab File: VV033804.D
 Acq: 22 Jan 2024 15:48

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	12546
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.3	37.9
110	3.3	29.5	44.3#

