

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013634.D
 Acq On : 21 Oct 2019 14:33
 Operator : SY/VA
 Sample : K5422-02
 Misc : 5.58G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB3

Quant Time: Oct 21 16:40:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 16:37:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	326534	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	278898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116773	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117507	29.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.32%
7) Chloroethane-d5	2.89	69	97740	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.56%
10) 1,1-Dichloroethene-d2	4.02	63	176534	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	7.08	46	58733	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
24) Chloroform-d	7.65	84	223653	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.31	65	116964	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.92%
29) Benzene-d6	8.27	84	487502	29.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.36%
33) 1,2-Dichloropropane-d6	9.27	67	144671	28.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.64%
37) Toluene-d8	10.32	98	429670	27.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.20%
38) trans-1,3-Dichloropropene-	10.58	79	54573	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.68%
39) 2-Hexanone-d5	10.92	63	46465	48.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97655	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	102011	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

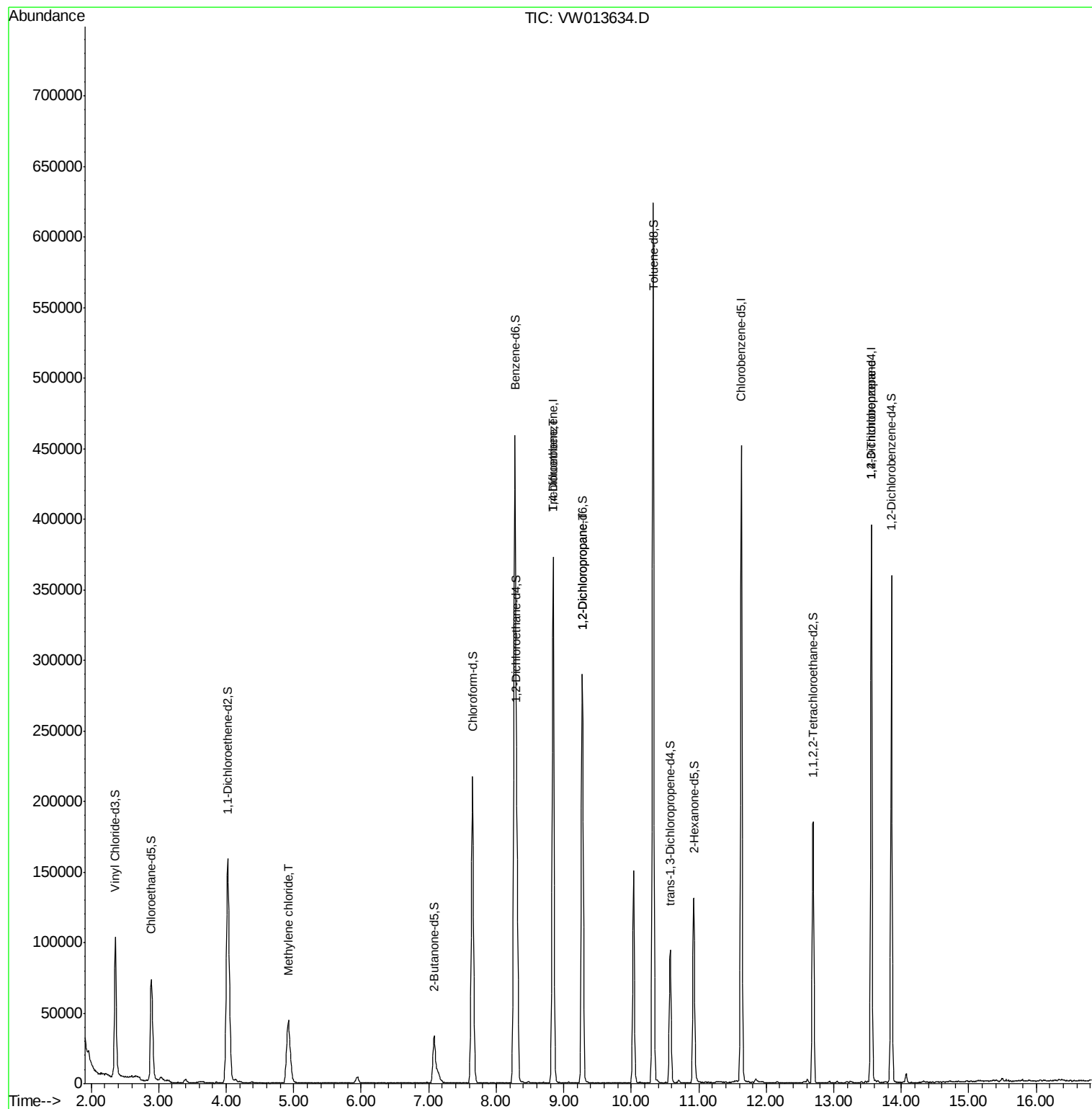
					Ovalue
16) Methylene chloride	4.92	84	41315	6.607 ug/L	96
35) Trichloroethene	8.85	95	9348	1.821 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	14652	2.995 ug/L #	86
59) 1,2,3-Trichloropropane	13.55	75	12046	3.652 ug/L	98

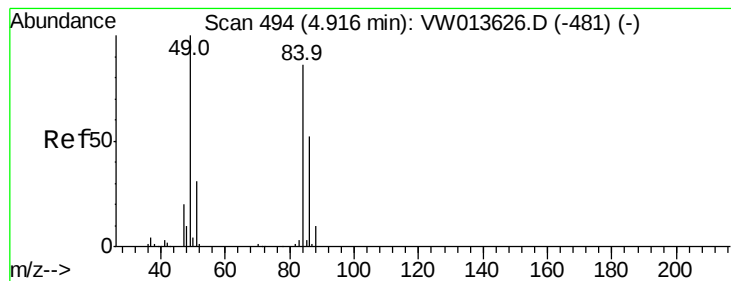
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 16:37:58 2019
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#16

Methylene chloride

Concen: 6.607 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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ClientSampleId :

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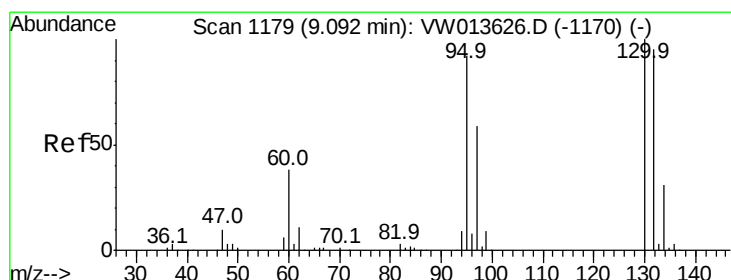
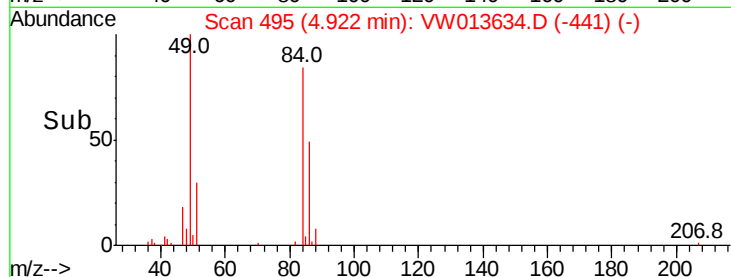
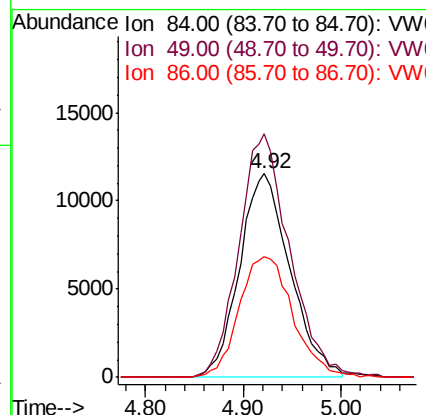
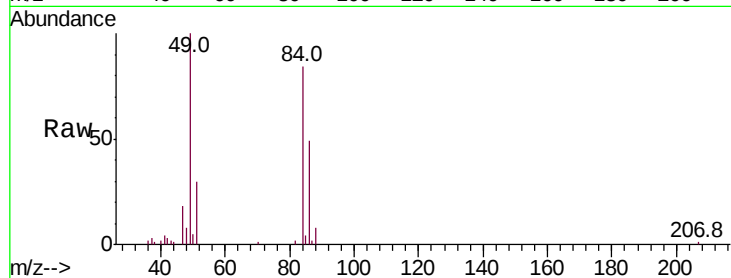
Tot Ion: 84 Resp: 41315

Ion Ratio Lower Upper

84 100

49 119.7 80.2 148.9

86 59.1 42.7 79.3



#35

Trichloroethene

Concen: 1.821 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 9348

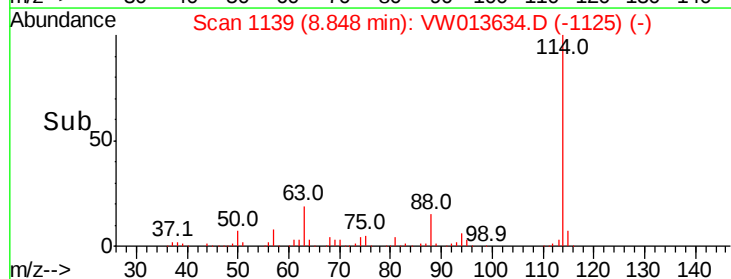
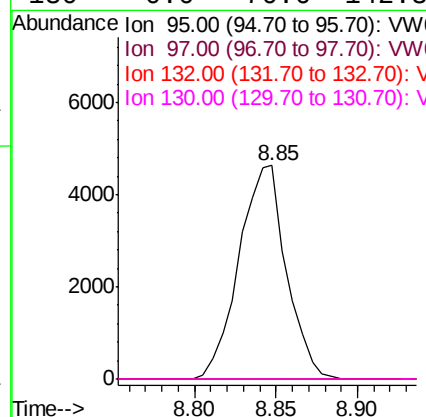
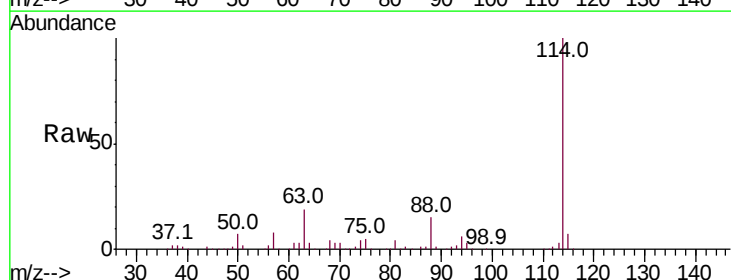
Ion Ratio Lower Upper

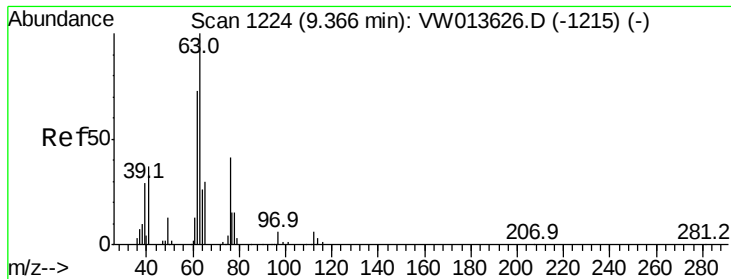
95 100

97 0.0 45.8 85.2#

132 0.6 74.3 138.1#

130 0.0 76.6 142.3#





#40

1,2-Dichloropropane

Concen: 2.995 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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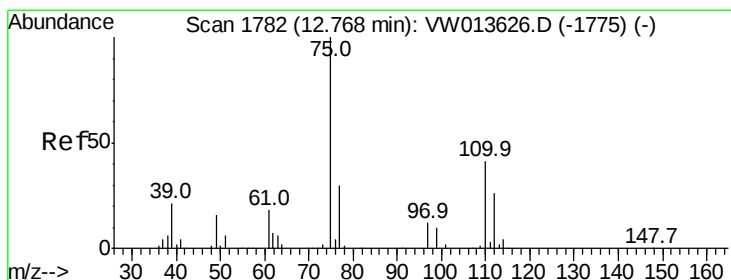
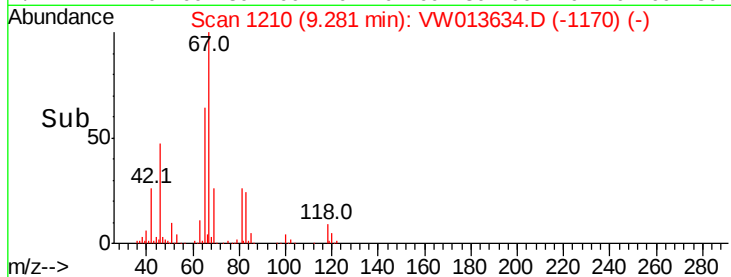
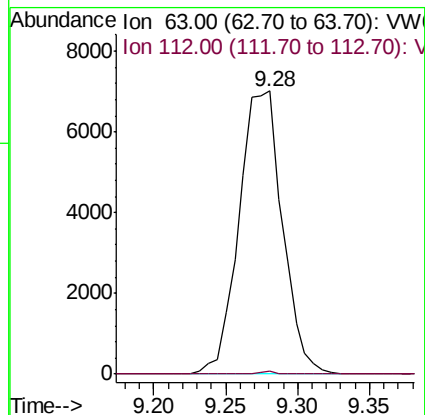
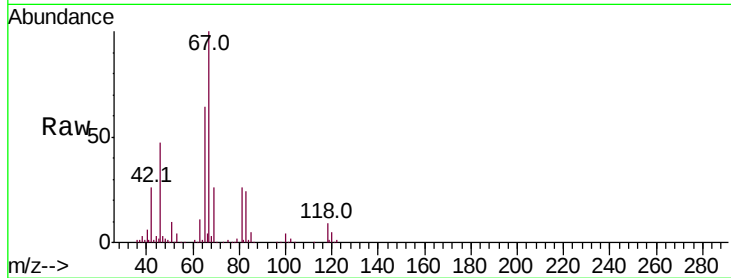
C0AB3

Tot Ion: 63 Resp: 14652

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#59

1,2,3-Trichloropropane

Concen: 3.652 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013634.D

Acq: 21 Oct 2019 14:33

Tgt Ion: 75 Resp: 12046

Ion Ratio Lower Upper

75 100

77 34.0 26.4 39.6

