

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102219\
 Data File : VW013657.D
 Acq On : 22 Oct 2019 16:03
 Operator : SY/VA
 Sample : K5422-11
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC2RE

Quant Time: Oct 22 16:35:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 14:36:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	213176	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	191793	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	85425	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73744	28.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.76%
7) Chloroethane-d5	2.89	69	60302	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
10) 1,1-Dichloroethene-d2	4.01	63	112769	19.52	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.08%
20) 2-Butanone-d5	7.07	46	28597	30.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.14%
24) Chloroform-d	7.65	84	141747	23.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	8.31	65	70355	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.20%
29) Benzene-d6	8.27	84	307305	26.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.68%
33) 1,2-Dichloropropane-d6	9.27	67	90139	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.76%
37) Toluene-d8	10.32	98	272638	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.60%
38) trans-1,3-Dichloropropene-	10.58	79	32211	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.00%
39) 2-Hexanone-d5	10.92	63	22250	33.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54300	19.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	69980	23.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.72%

Target Compounds

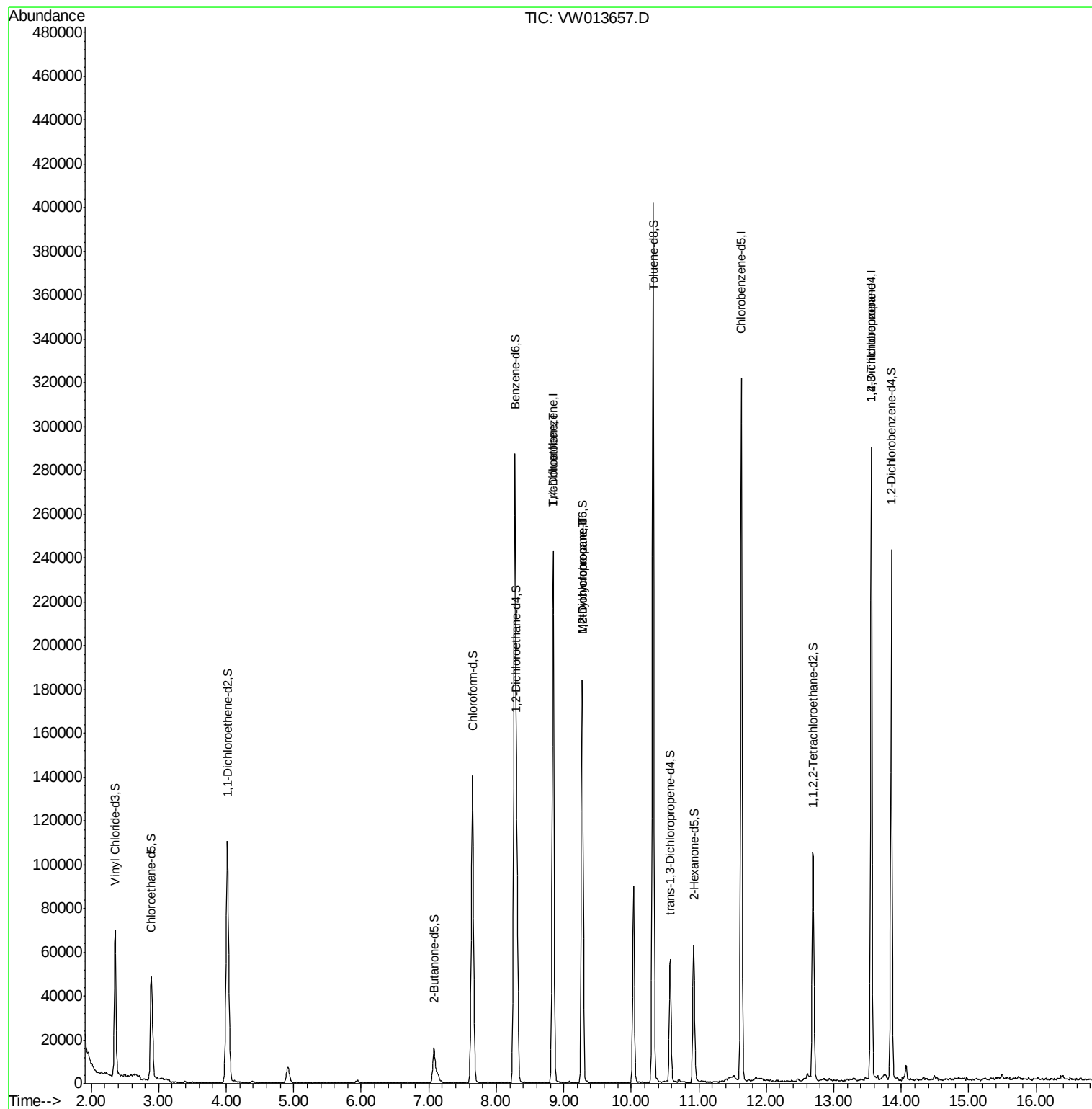
					Ovalue
35) Trichloroethene	8.85	95	5740	1.626 ug/L #	2
36) Methylcyclohexane	9.27	83	21790	3.501 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	9312	2.768 ug/L #	88
59) 1,2,3-Trichloropropane	13.55	75	8752	3.859 ug/L #	87

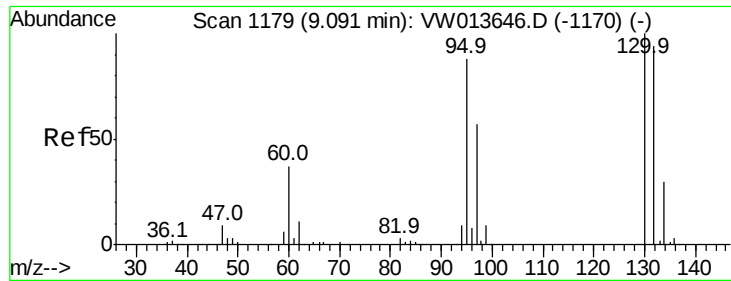
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Trichloroethene

Concen: 1.626 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW013657.D

Acq: 22 Oct 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

C0AC2RE

Tot Ion: 95 Resp: 5740

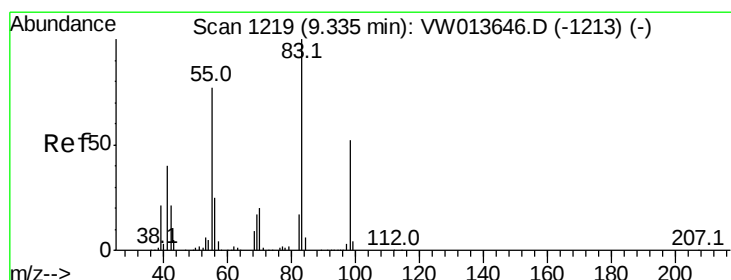
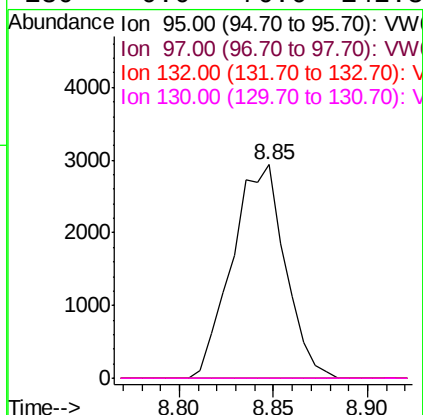
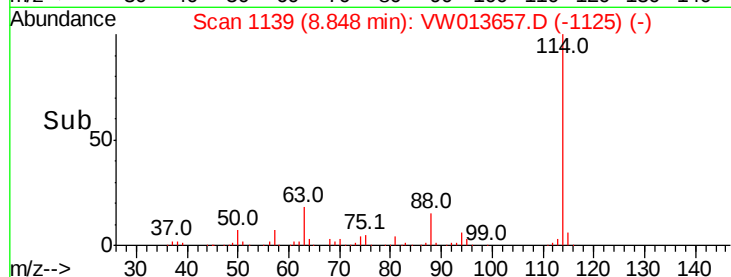
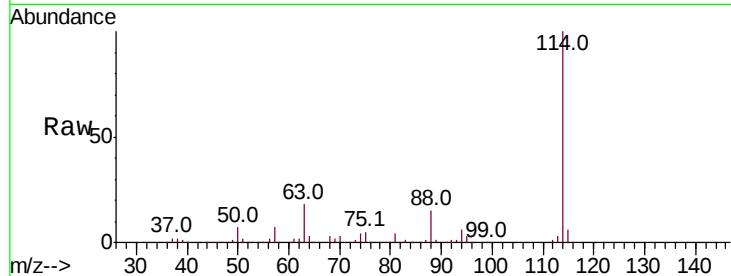
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 74.3 138.1#

130 0.0 76.6 142.3#



#36

Methylcyclohexane

Concen: 3.501 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW013657.D

Acq: 22 Oct 2019 16:03

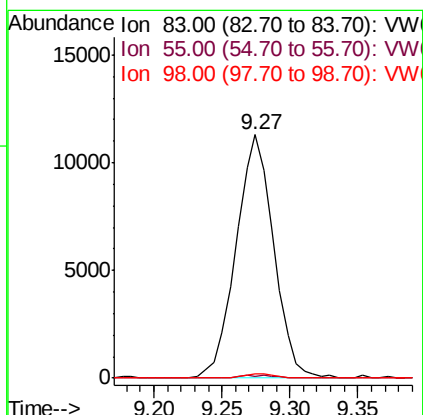
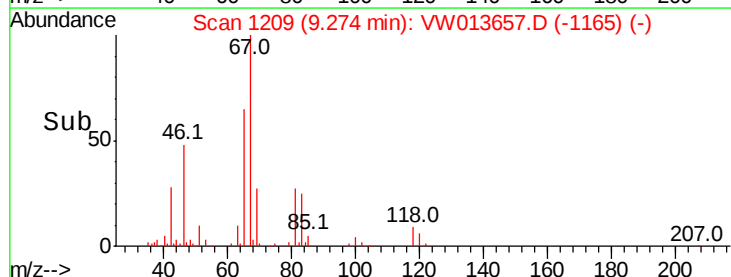
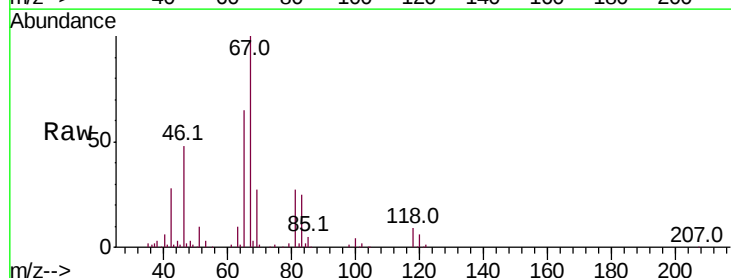
Tgt Ion: 83 Resp: 21790

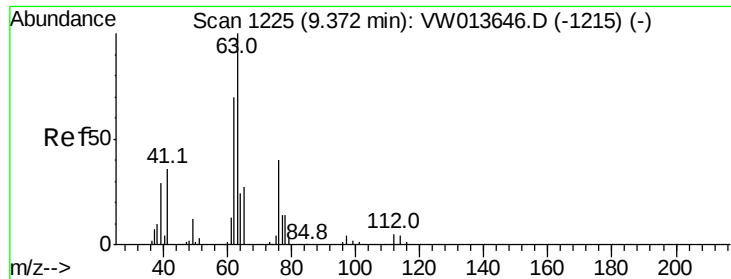
Ion Ratio Lower Upper

83 100

55 0.9 60.2 90.4#

98 1.4 39.1 58.7#

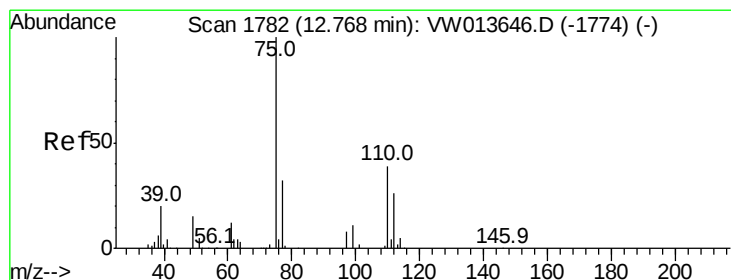
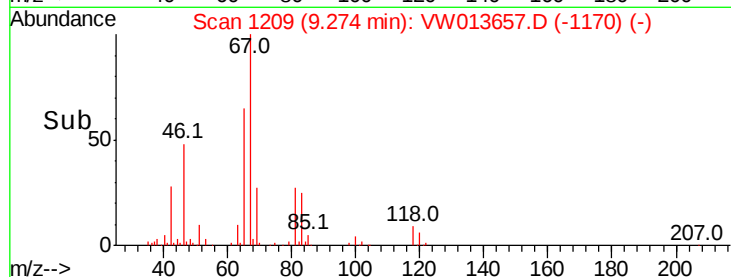
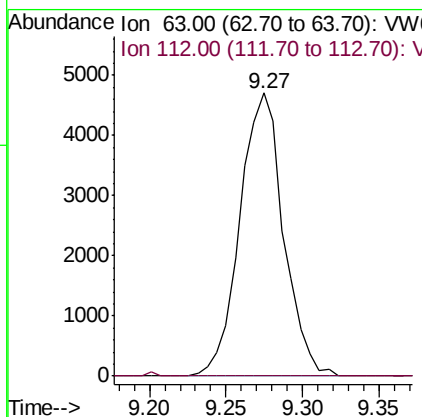
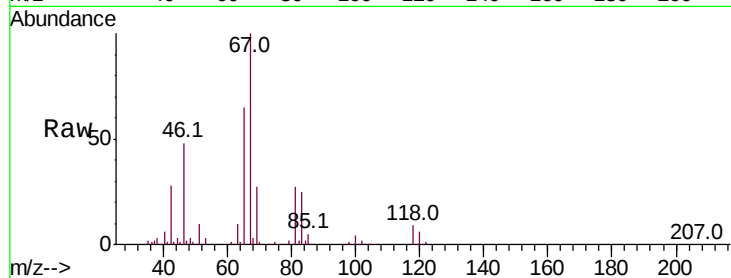




#40
 1,2-Dichloropropane
 Concen: 2.768 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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Tot Ion: 63 Resp: 9312
 Ion Ratio Lower Upper
 63 100
 112 1.0 3.9 5.9#



#59
 1,2,3-Trichloropropane
 Concen: 3.859 ug/L
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.79 min
 Lab File: VW013657.D
 Acq: 22 Oct 2019 16:03

Tgt Ion: 75 Resp: 8752
 Ion Ratio Lower Upper
 75 100
 77 40.6 26.4 39.6#

