

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013630.D
 Acq On : 21 Oct 2019 12:40
 Operator : SY/VA
 Sample : K5395-13
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0022

Quant Time: Oct 21 16:40:35 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	336553	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319024	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170124	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116811	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.16%
7) Chloroethane-d5	2.89	69	101337	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.16%
10) 1,1-Dichloroethene-d2	4.03	63	183031	20.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.28%
20) 2-Butanone-d5	7.07	46	78587	53.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.42%
24) Chloroform-d	7.65	84	240374	25.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.12%
26) 1,2-Dichloroethane-d4	8.42	65	78	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	527283	27.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.04%
33) 1,2-Dichloropropane-d6	9.27	67	158810	27.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.96%
37) Toluene-d8	10.32	98	494232	27.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.84%
38) trans-1,3-Dichloropropene-	10.58	79	69858	27.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.20%
39) 2-Hexanone-d5	10.93	63	61726	56.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129508	27.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	162238	26.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.96%

Target Compounds

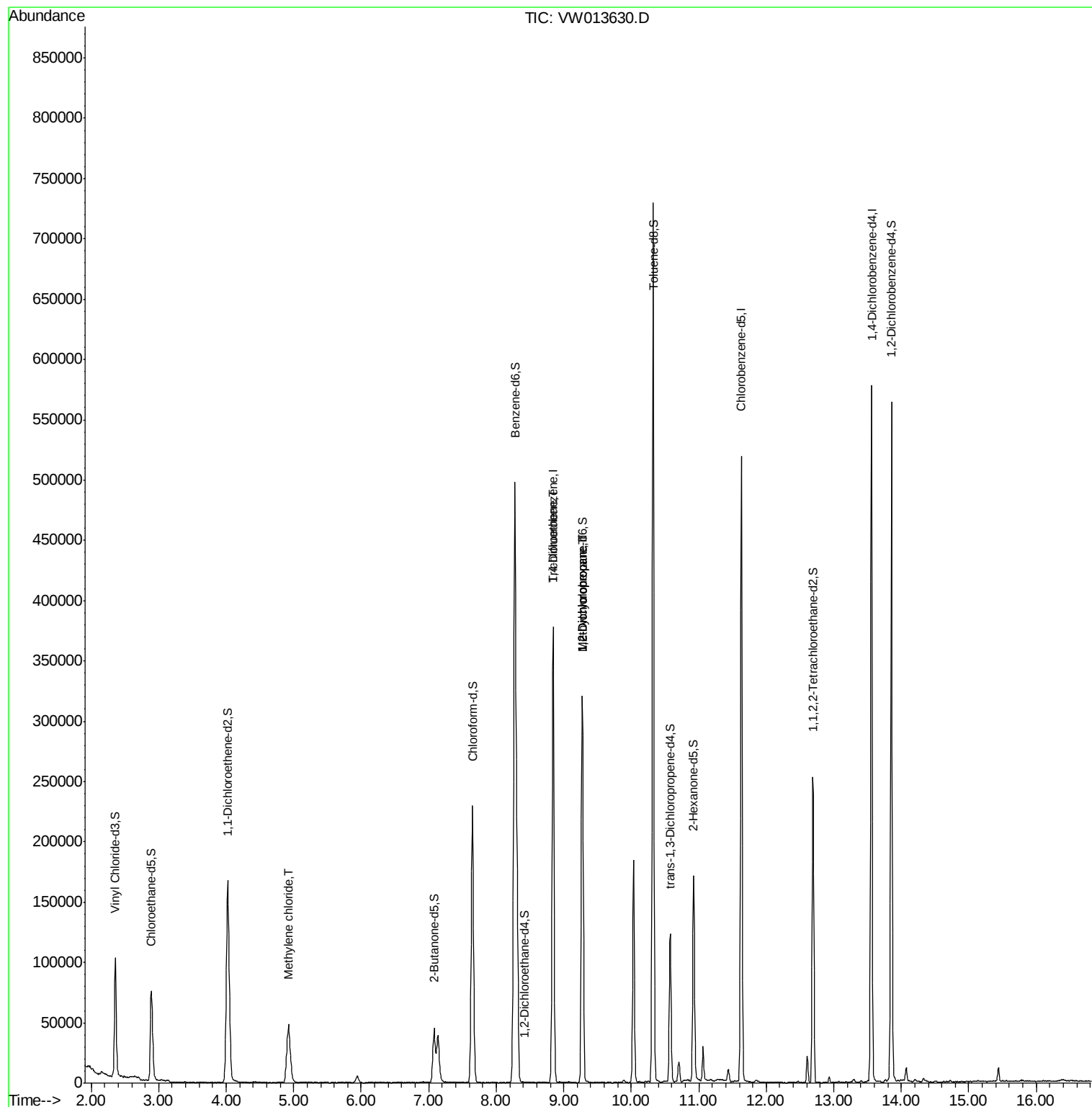
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	44958	6.976	ug/L	96
35) Trichloroethene	8.85	95	9770	1.664	ug/L #	2
36) Methylcyclohexane	9.27	83	37739	3.646	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	15979	2.855	ug/L #	85

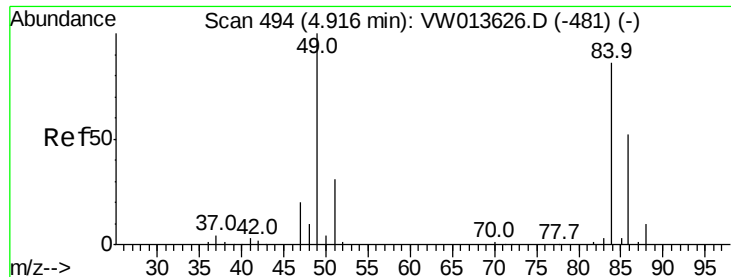
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102119\
Data File : VW013630.D
Acq On : 21 Oct 2019 12:40
Operator : SY/VA
Sample : K5395-13
Misc : 5.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0022

Quant Time: Oct 21 16:40:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 16:37:58 2019
Response via : Initial Calibration

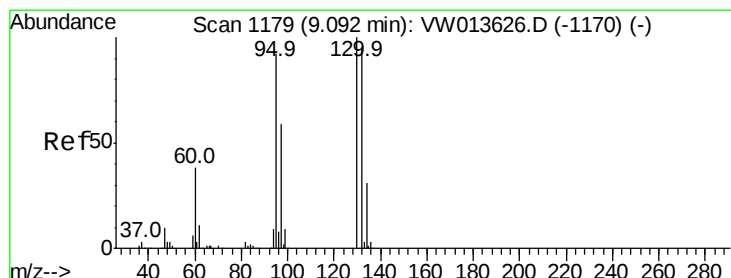
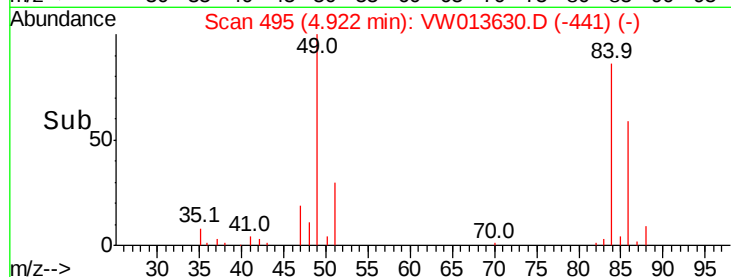
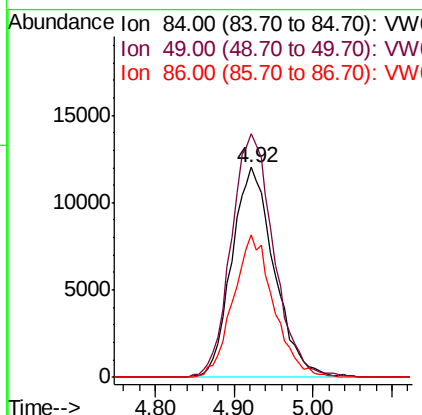
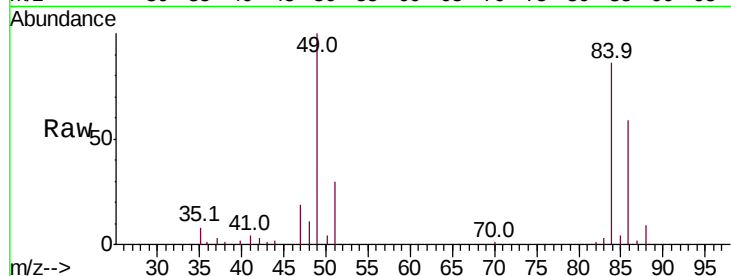




#16
Methylene chloride
Concen: 6.976 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW013630.D
Acq: 21 Oct 2019 12:40

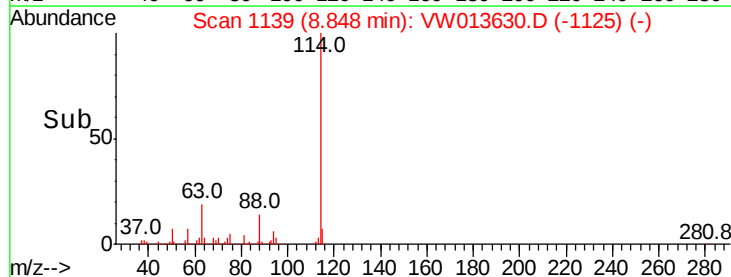
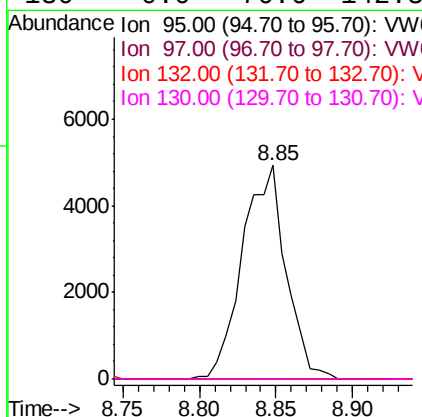
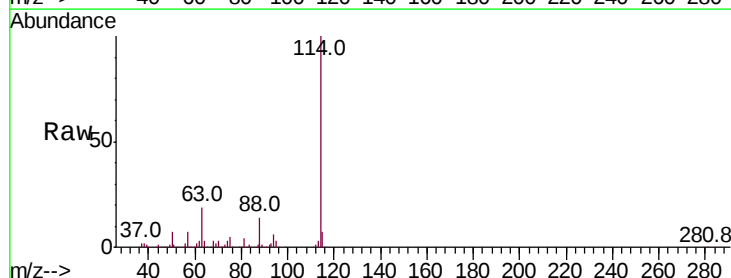
Instrument :
MSVOA_W
ClientSampleId :
C0022

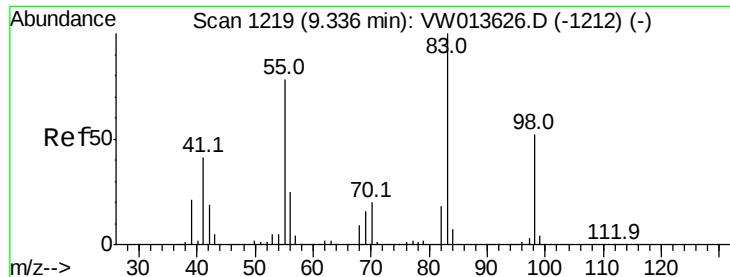
Tot Ion: 84 Resp: 44958
Ion Ratio Lower Upper
84 100
49 115.8 80.2 148.9
86 67.8 42.7 79.3



#35
Trichloroethene
Concen: 1.664 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW013630.D
Acq: 21 Oct 2019 12:40

Tgt Ion: 95 Resp: 9770
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#

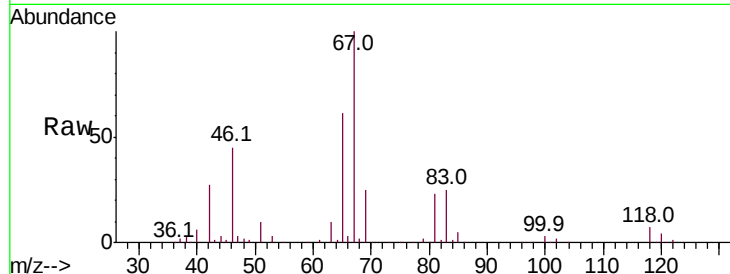




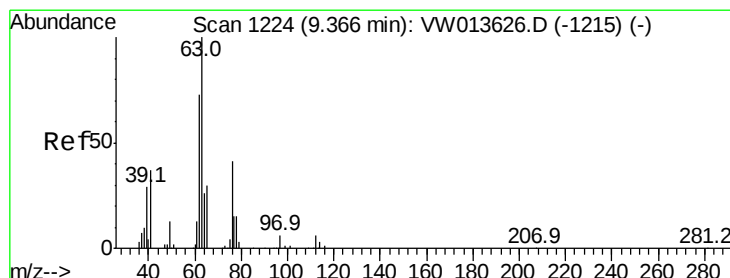
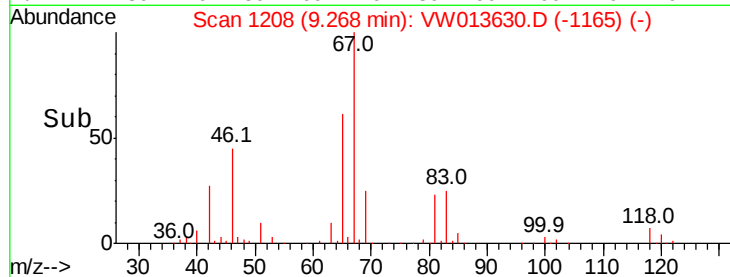
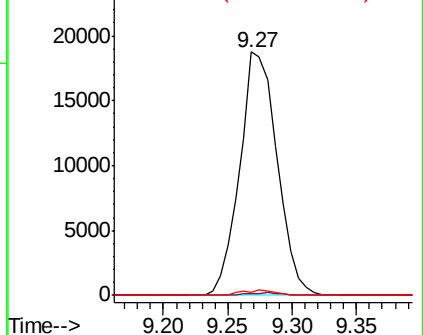
#36
Methylcyclohexane
Concen: 3.646 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
Lab File: VW013630.D
Acq: 21 Oct 2019 12:40

Instrument :
MSVOA_W
ClientSampleId :
C0022

Tot Ion: 83 Resp: 37739
Ion Ratio Lower Upper
83 100
55 1.0 60.2 90.4#
98 1.9 39.1 58.7#

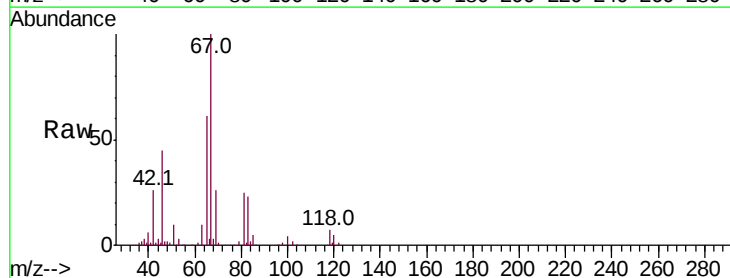


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#40
1,2-Dichloropropane
Concen: 2.855 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013630.D
Acq: 21 Oct 2019 12:40

Tgt Ion: 63 Resp: 15979
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V

