

Data File : VW011122.D
Acq On : 02 Jul 2019 22:33
Operator : SY/VA
Sample : K3599-12
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAM21

Quant Time: Jul 03 05:55:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 05:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	274516	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	253052	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114208	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72018	17.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.72%
7) Chloroethane-d5	2.89	69	55329	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.24%
10) 1,1-Dichloroethene-d2	4.02	63	126443	14.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.96%
20) 2-Butanone-d5	7.07	46	72425	43.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.72%
24) Chloroform-d	7.65	84	163332	21.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.84%
26) 1,2-Dichloroethane-d4	8.30	65	104293	22.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.04%
29) Benzene-d6	8.27	84	323573	20.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.04%
33) 1,2-Dichloropropane-d6	9.27	67	113213	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.20%
37) Toluene-d8	10.32	98	289400	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.32%
38) trans-1,3-Dichloropropene-	10.58	79	40188	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.48%
39) 2-Hexanone-d5	10.93	63	45566	39.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91089	21.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	99582	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%

Target Compounds

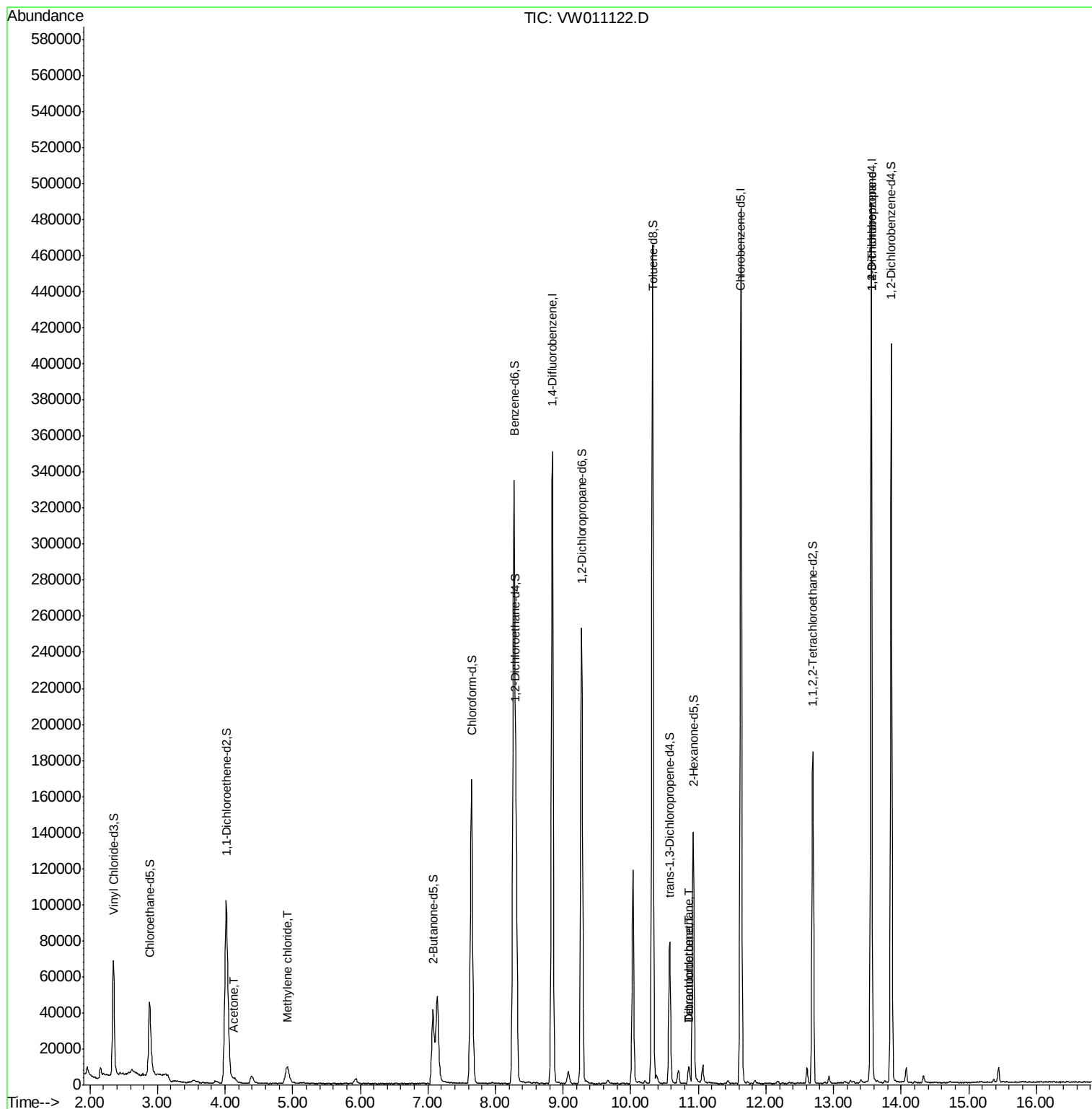
					Qvalue
13) Acetone	4.13	43	4476	2.775 ug/L	86
16) Methylene chloride	4.92	84	8074	2.001 ug/L	89
47) Tetrachloroethene	10.87	164	1962	0.650 ug/L	98
50) Dibromochloromethane	10.86	129	1853	0.580 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	15966	5.207 ug/L	92

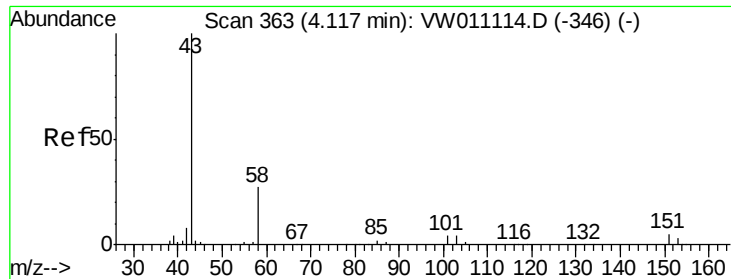
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.775 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 02 Jul 2019 22:33

Instrument :

MSVOA_W

ClientSampleId :

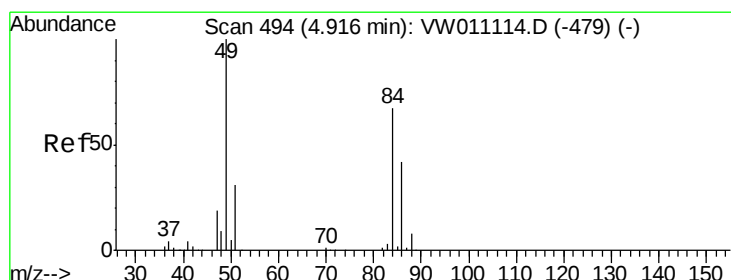
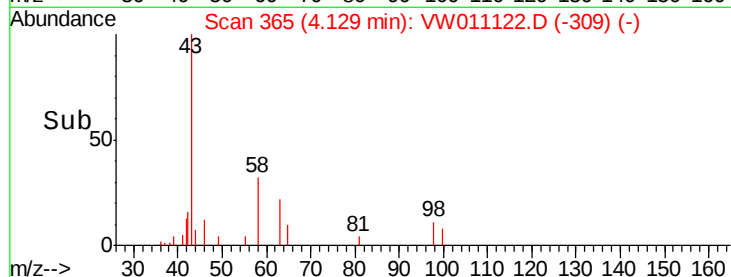
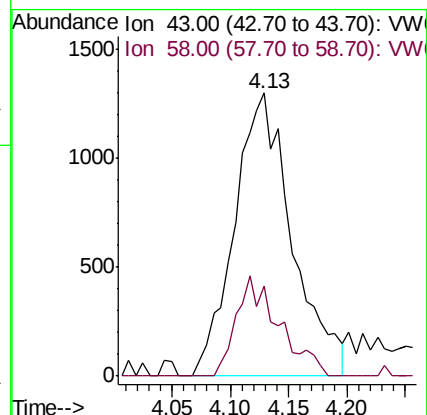
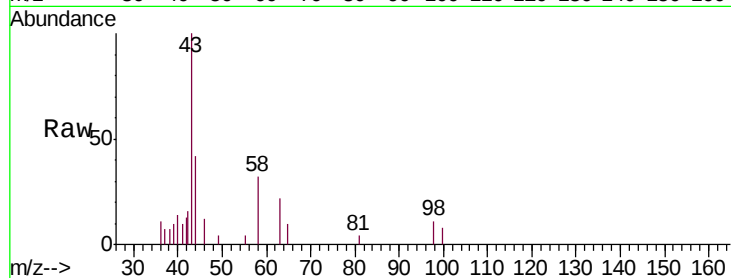
GAM21

Tgt Ion: 43 Resp: 4476

Ion Ratio Lower Upper

43 100

58 20.3 0.0 55.0



#16

Methylene chloride

Concen: 2.001 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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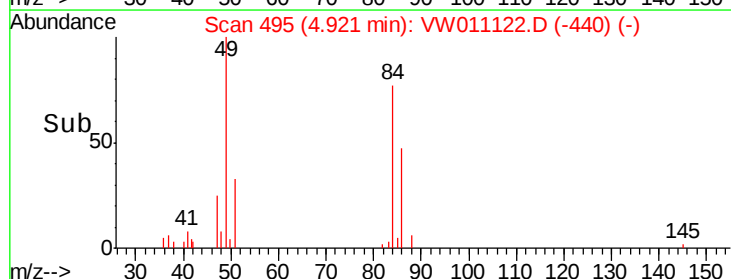
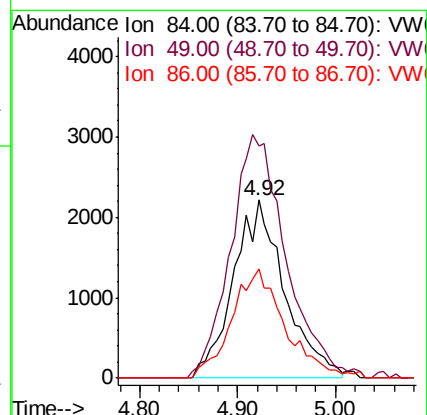
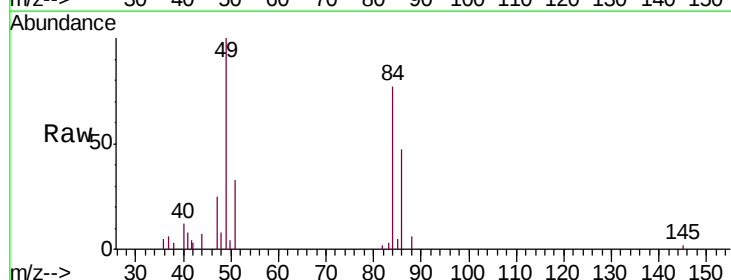
Tgt Ion: 84 Resp: 8074

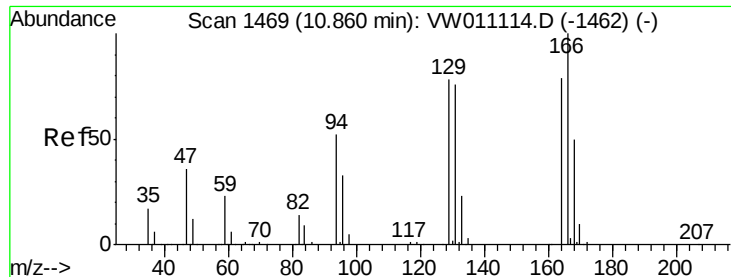
Ion Ratio Lower Upper

84 100

49 130.3 102.5 190.3

86 61.0 46.4 86.2

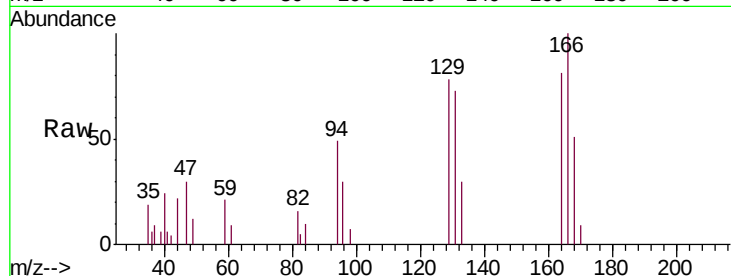




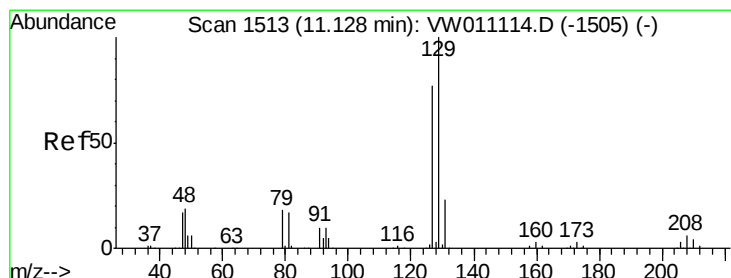
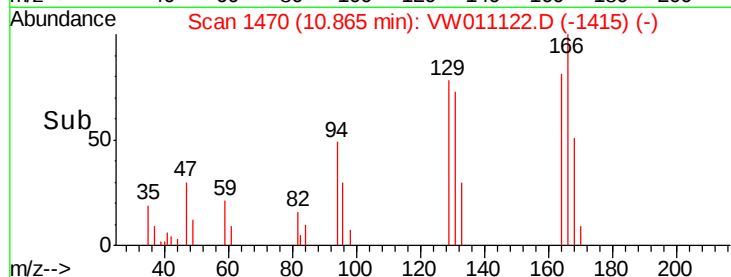
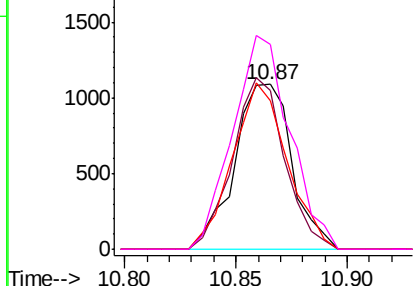
#47
Tetrachloroethene
Concen: 0.650 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW011122.D
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Instrument :
MSVOA_W
ClientSampled :
GAM21

Tgt Ion:164 Resp: 1962
Ion Ratio Lower Upper
164 100
129 96.4 68.5 127.1
131 90.1 64.8 120.4
166 124.2 87.9 163.3

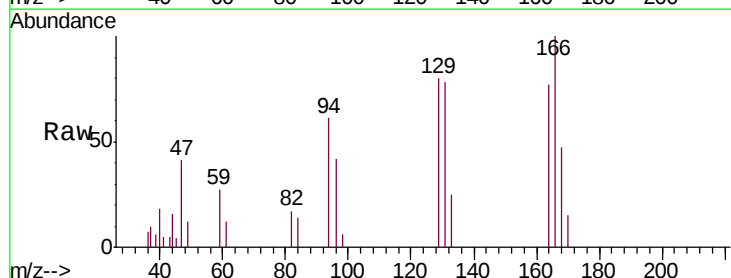


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

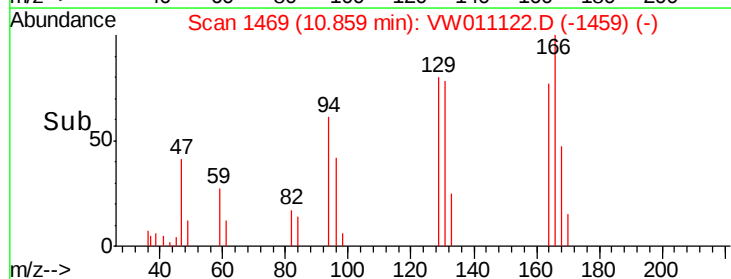
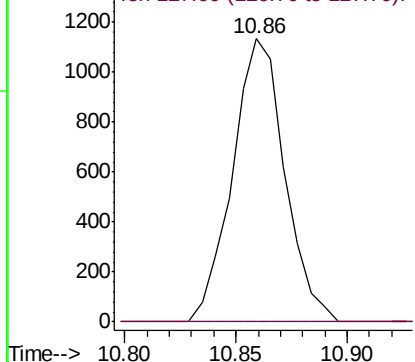


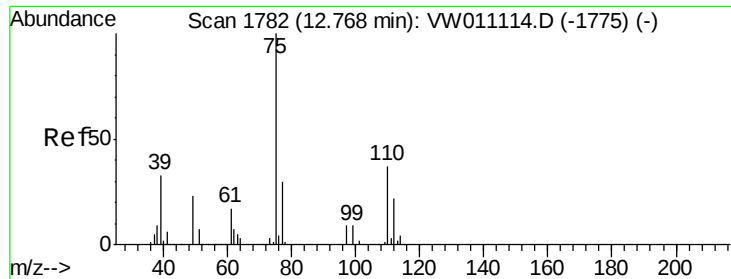
#50
Dibromochloromethane
Concen: 0.580 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW011122.D
Acq: 02 Jul 2019 22:33

Tgt Ion:129 Resp: 1853
Ion Ratio Lower Upper
129 100
127 0.0 53.3 99.1#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.207 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011122.D

Acq: 02 Jul 2019 22:33

Instrument :

MSVOA_W

ClientSampleId :

GAM21

Tgt Ion: 75 Resp: 15966

Ion Ratio Lower Upper

75 100

77 36.2 25.4 38.0

