

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017816.D
 Acq On : 11 Jan 2021 14:04
 Operator : SY/VA
 Sample : M1074-04
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:26:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372217	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333400	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156227	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	134547	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
7) Chloroethane-d5	2.89	69	103362	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.00%
10) 1,1-Dichloroethene-d2	4.01	63	173896	17.33	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
20) 2-Butanone-d5	7.07	46	43820	46.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.88%
24) Chloroform-d	7.65	84	214761	22.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.32%
26) 1,2-Dichloroethane-d4	8.31	65	119020	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.56%
29) Benzene-d6	8.27	84	429510	22.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.48%
33) 1,2-Dichloropropane-d6	9.27	67	123019	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.04%
37) Toluene-d8	10.32	98	396824	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.00%
38) trans-1,3-Dichloropropene-	10.58	79	51111	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.60%
39) 2-Hexanone-d5	10.93	63	30637	47.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82437	21.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	114146	20.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.92%

Target Compounds

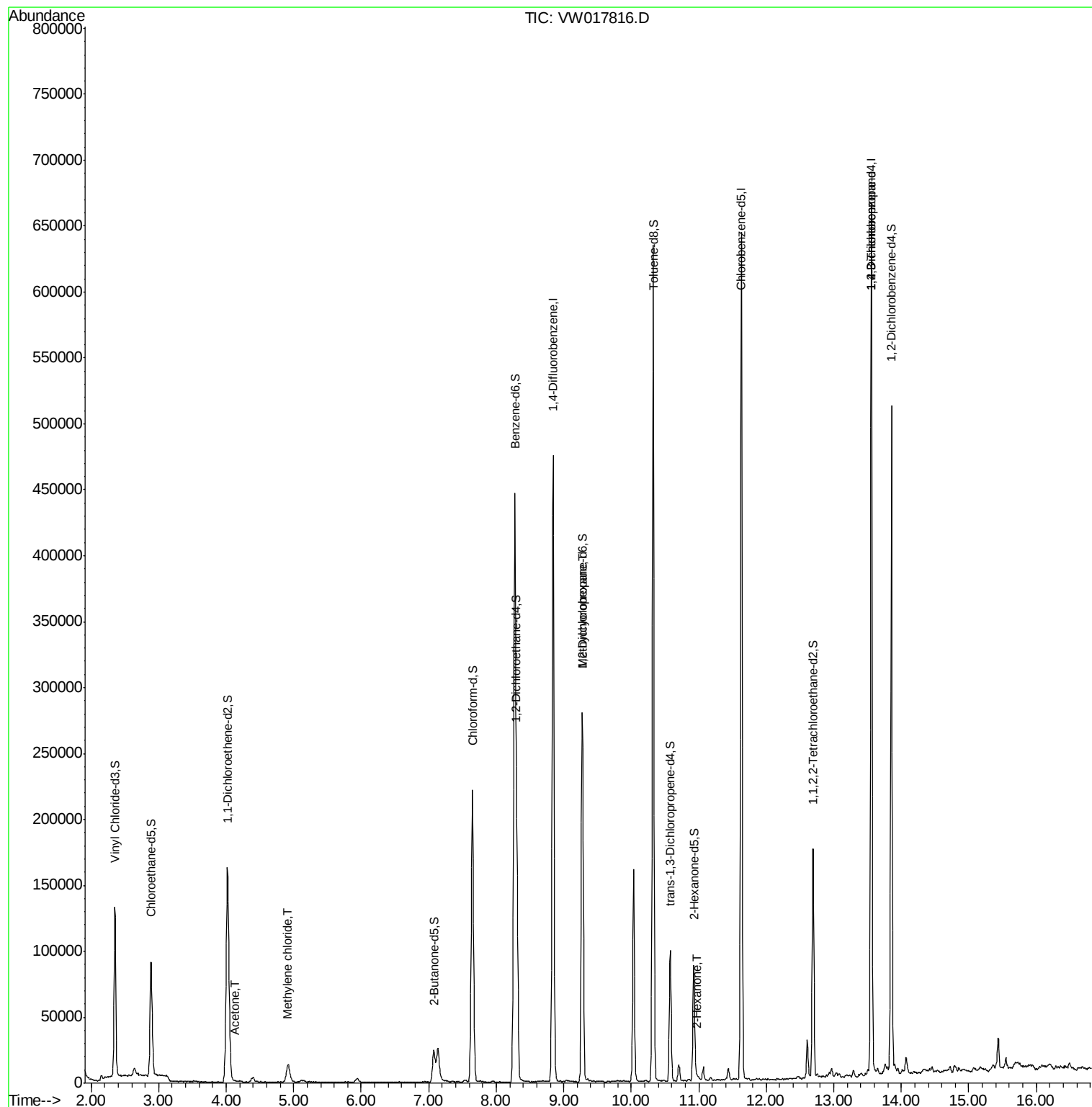
					Ovalue
13) Acetone	4.13	43	1045	1.296 ug/L	78
16) Methylene chloride	4.91	84	5317	0.999 ug/L	92
36) Methylcyclohexane	9.27	83	30578	3.315 ug/L #	21
49) 2-Hexanone	10.98	43	1370	0.883 ug/L #	80
59) 1,2,3-Trichloropropane	13.55	75	24203	8.819 ug/L	98

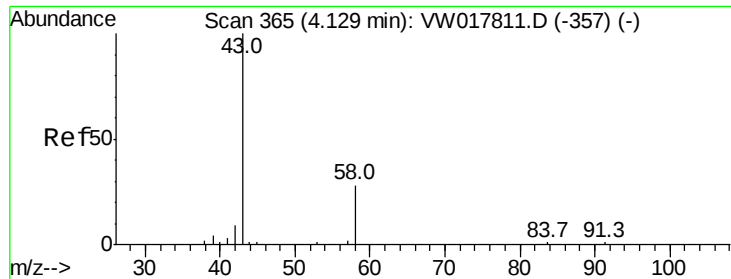
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#13

Acetone

Concen: 1.296 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017816.D

Acq: 11 Jan 2021 14:04

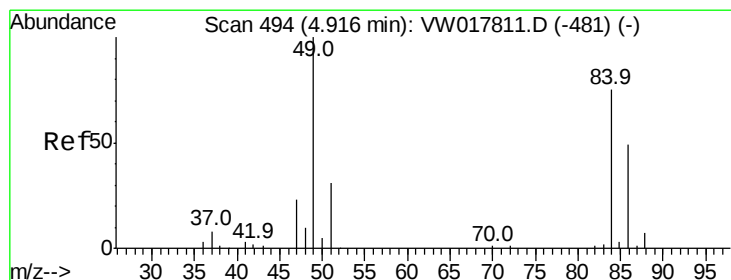
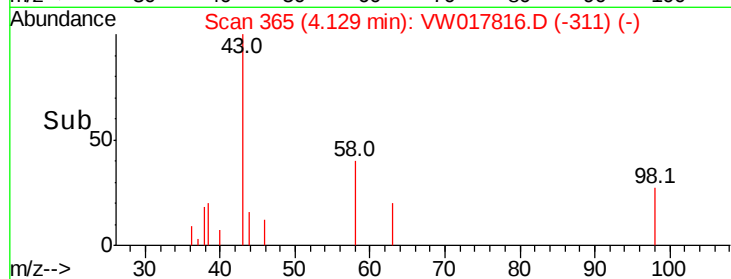
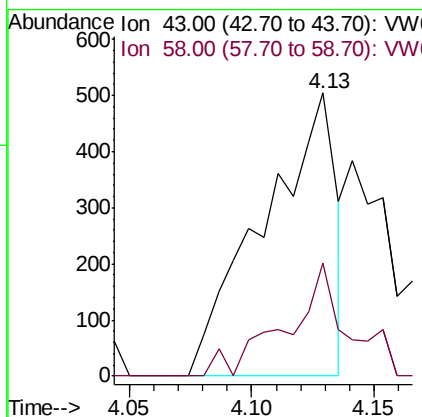
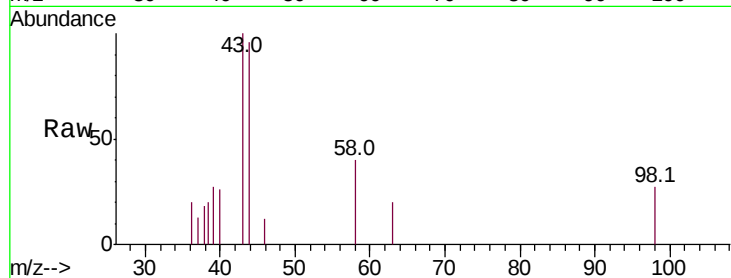
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1045

Ion Ratio Lower Upper

43 100

58 18.5 0.0 60.8



#16

Methylene chloride

Concen: 0.999 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017816.D

Acq: 11 Jan 2021 14:04

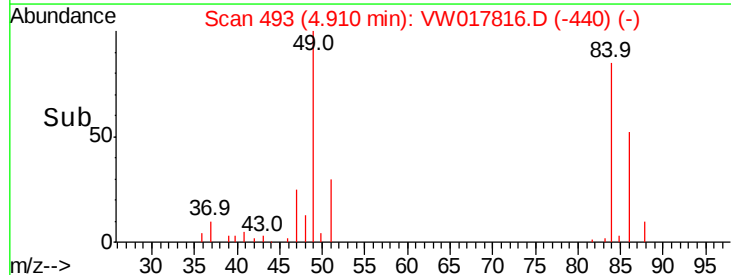
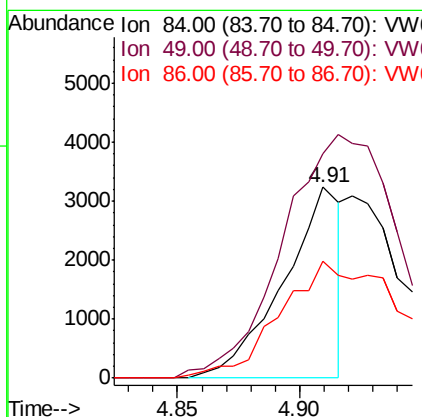
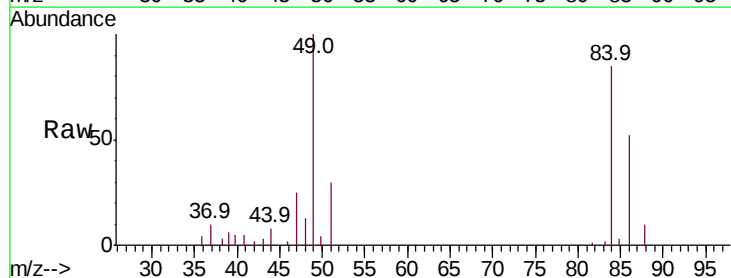
Tgt Ion: 84 Resp: 5317

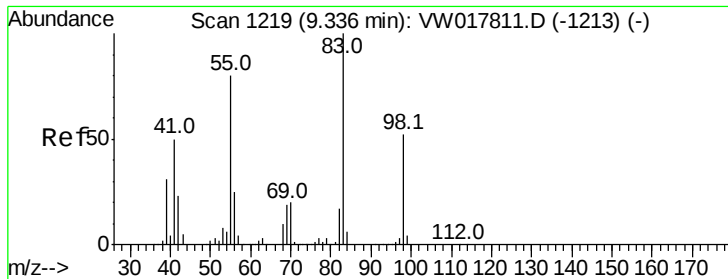
Ion Ratio Lower Upper

84 100

49 117.4 90.5 168.1

86 61.4 44.8 83.2

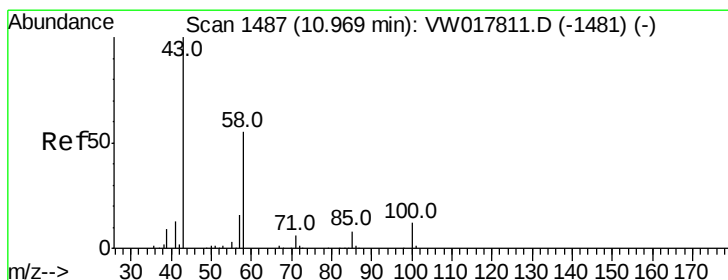
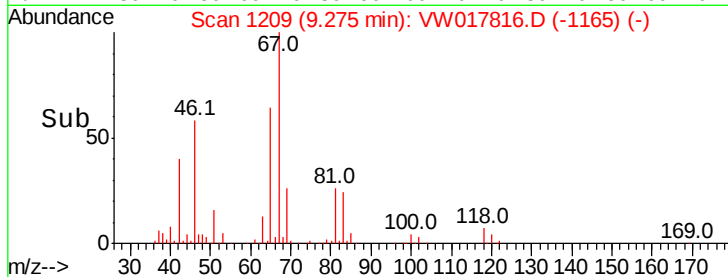
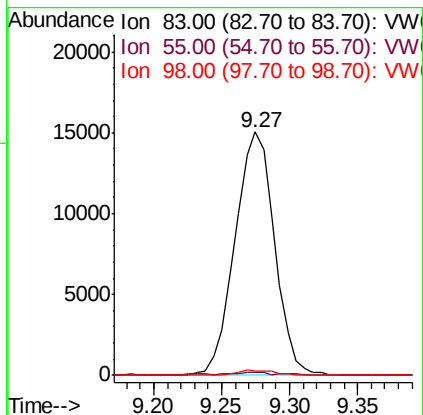
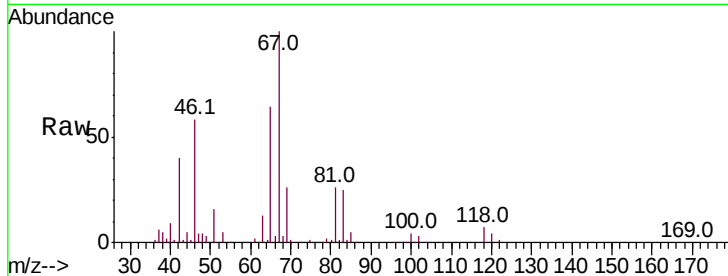




#36
Methylcyclohexane
Concen: 3.315 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017816.D
Acq: 11 Jan 2021 14:04

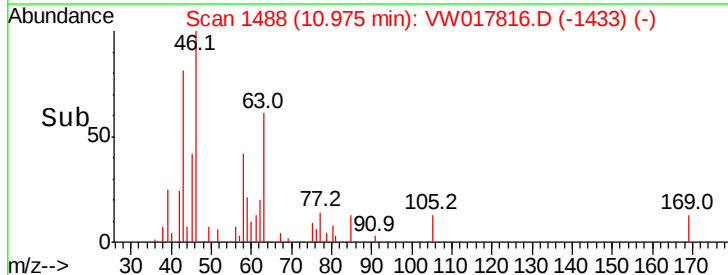
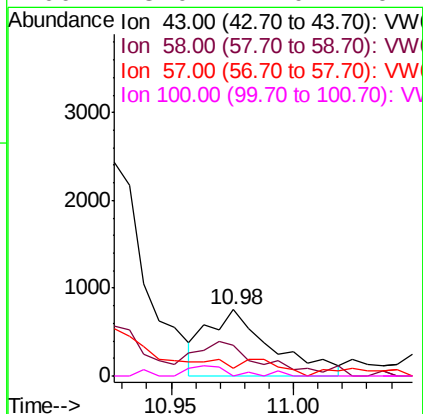
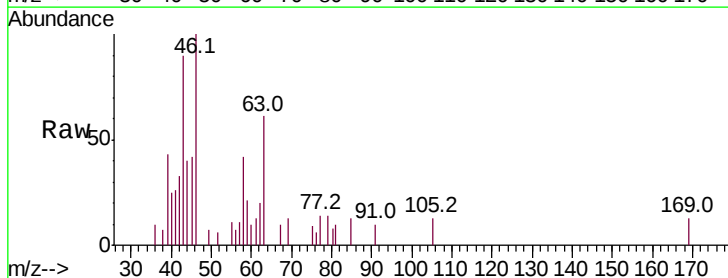
Instrument :
MSVOA_W
ClientSampleId :

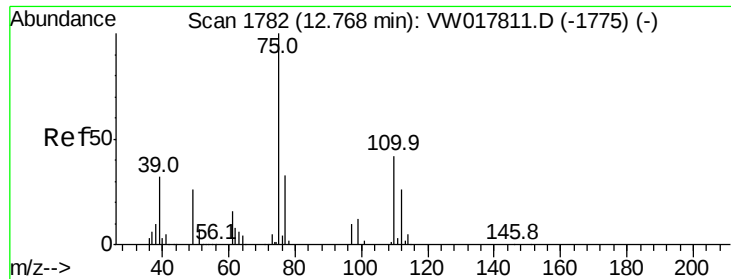
Tot Ion: 83 Resp: 30578
Ion Ratio Lower Upper
83 100
55 0.7 57.6 86.4#
98 1.5 39.7 59.5#



#49
2-Hexanone
Concen: 0.883 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW017816.D
Acq: 11 Jan 2021 14:04

Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 43.0 44.2 66.4#
57 5.4 16.1 24.1#
100 8.0 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 8.819 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017816.D

Acq: 11 Jan 2021 14:04

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 24203

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

