

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009427.D
 Acq On : 25 Mar 2019 14:46
 Operator : SY/VA
 Sample : K2031-12
 Misc : 4.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 07:51:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	427129	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383097	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149445	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95416	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.76%
7) Chloroethane-d5	2.89	69	99279	16.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.48%
10) 1,1-Dichloroethene-d2	4.01	63	156453	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	7.08	46	53028	25.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.24%
24) Chloroform-d	7.64	84	232344	19.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.72%
26) 1,2-Dichloroethane-d4	8.31	65	124627	17.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.00%
29) Benzene-d6	8.27	84	415764	19.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.72%
33) 1,2-Dichloropropane-d6	9.27	67	128485	20.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.00%
37) Toluene-d8	10.32	98	364345	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.60%
38) trans-1,3-Dichloropropene-	10.58	79	48458	15.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.84%
39) 2-Hexanone-d5	10.93	63	36238	23.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92129	14.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	112279	19.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.36%

Target Compounds

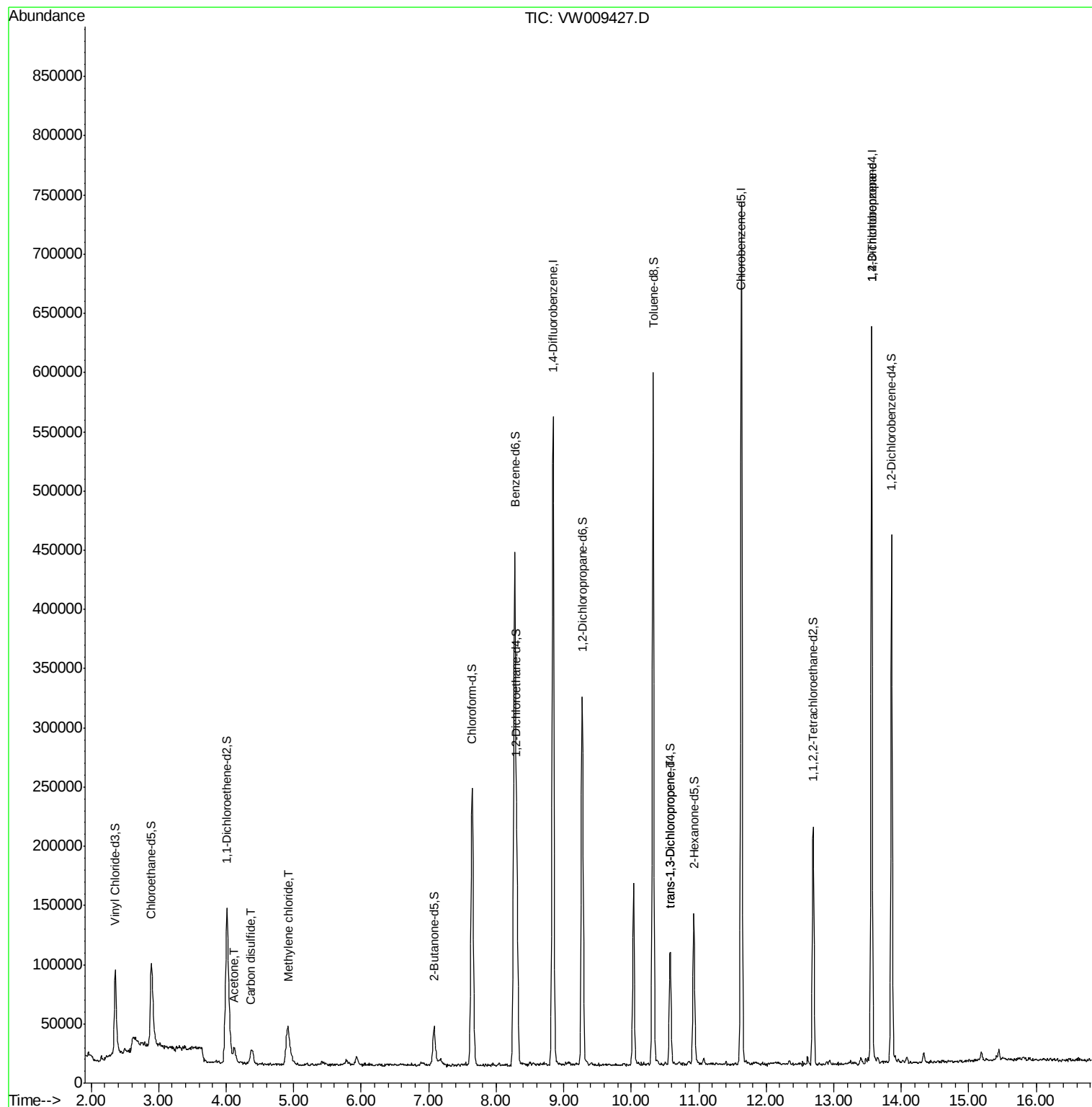
					Ovalue
13) Acetone	4.12	43	19671	11.364	ug/L 72
14) Carbon disulfide	4.37	76	13122	0.927	ug/L 98
16) Methylene chloride	4.92	84	26949	4.327	ug/L 94
45) trans-1,3-Dichloropropene	10.57	75	2854	0.374	ug/L 93
59) 1,2,3-Trichloropropane	13.56	75	20406	4.748	ug/L 91

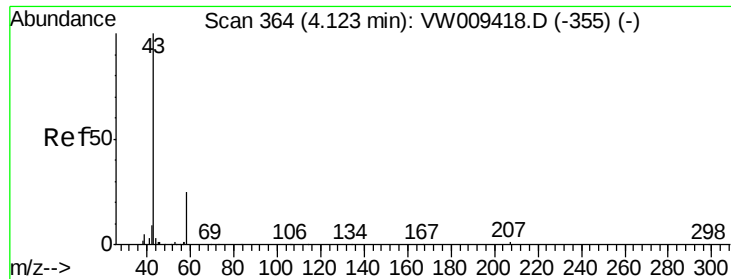
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.364 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009427.D

Acq: 25 Mar 2019 14:46

Instrument :

MSVOA_W

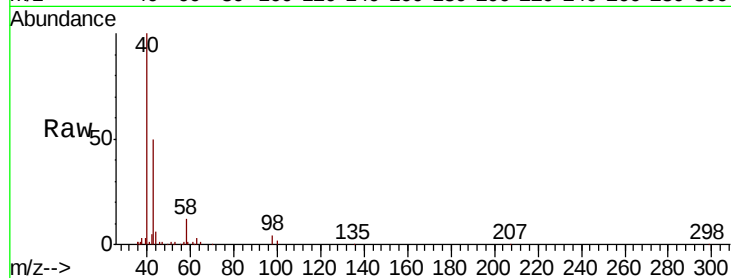
ClientSampleId :

Tot Ion: 43 Resp: 19671

Ion Ratio Lower Upper

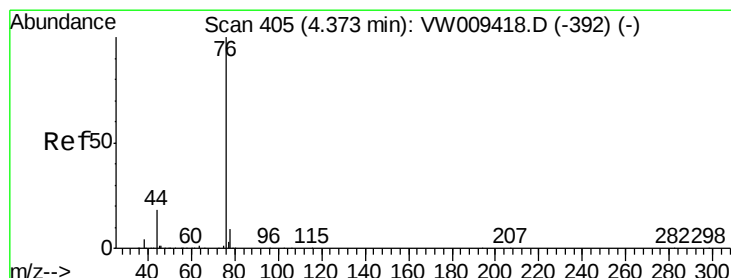
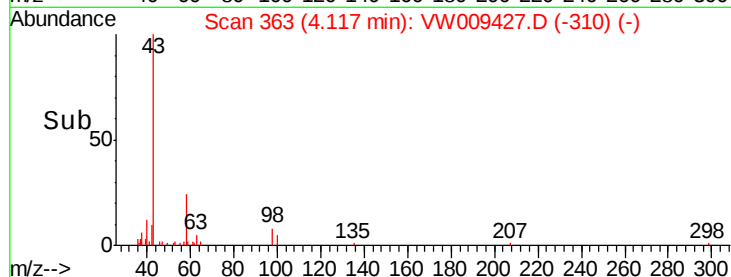
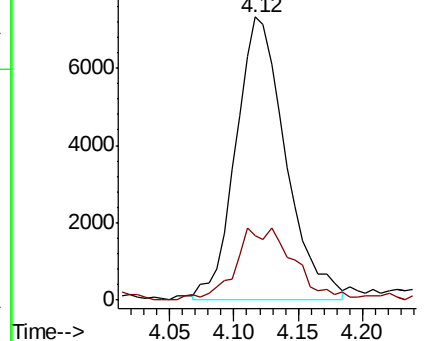
43 100

58 13.5 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.927 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009427.D

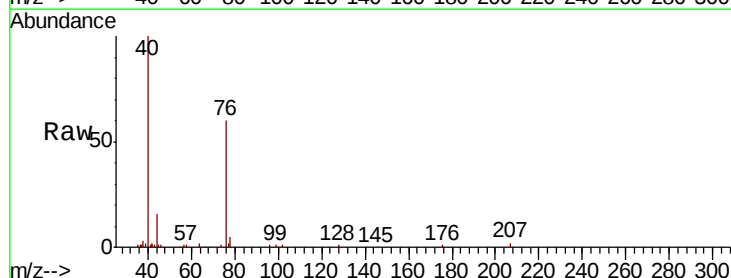
Acq: 25 Mar 2019 14:46

Tgt Ion: 76 Resp: 13122

Ion Ratio Lower Upper

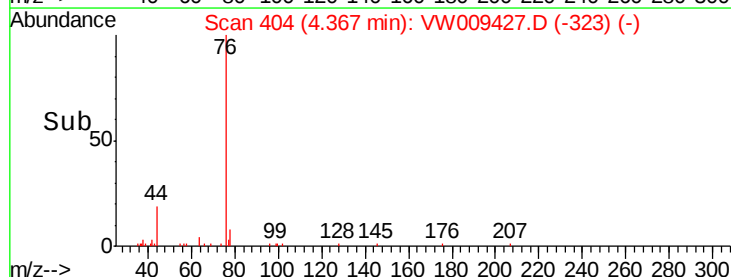
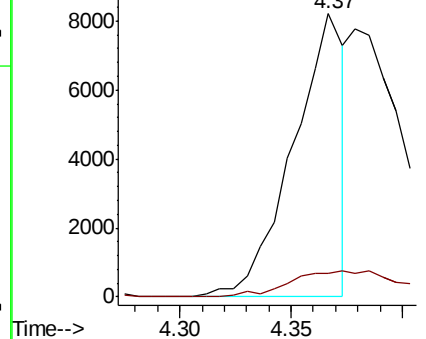
76 100

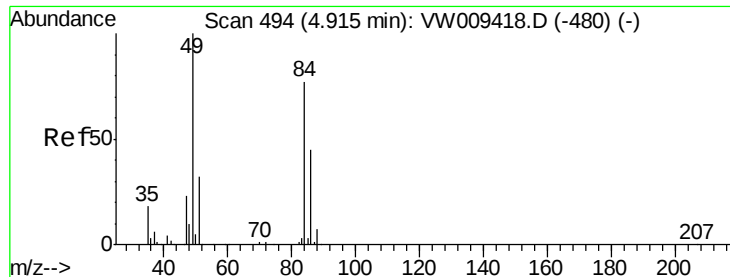
78 8.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

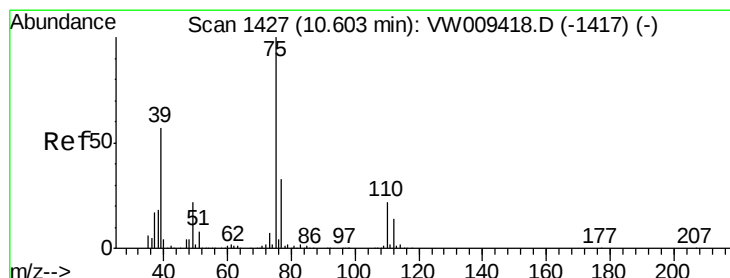
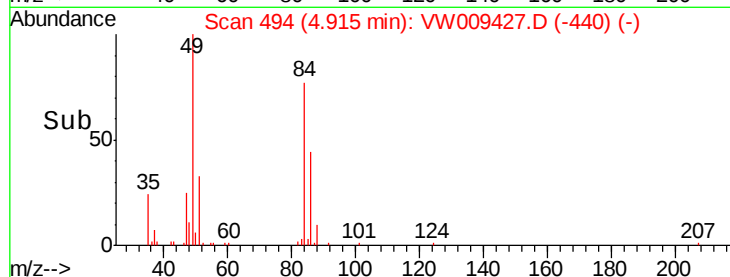
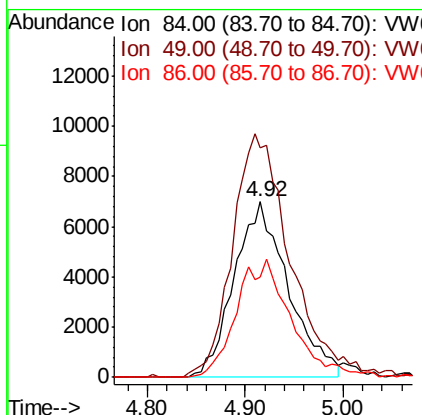
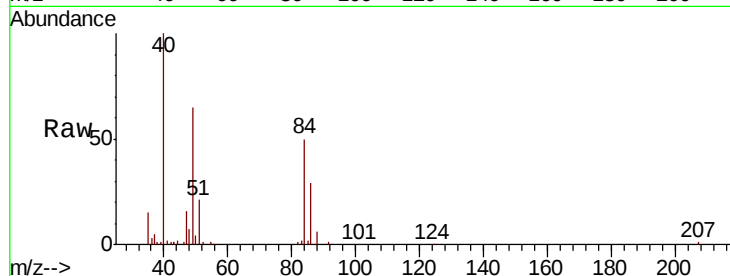




#16
Methylene chloride
Concen: 4.327 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009427.D
Acq: 25 Mar 2019 14:46

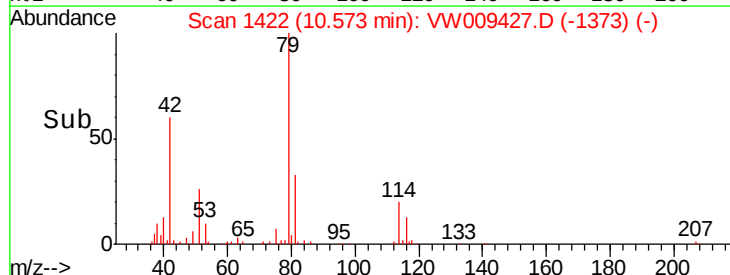
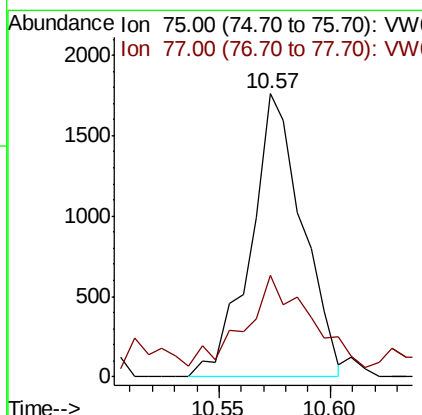
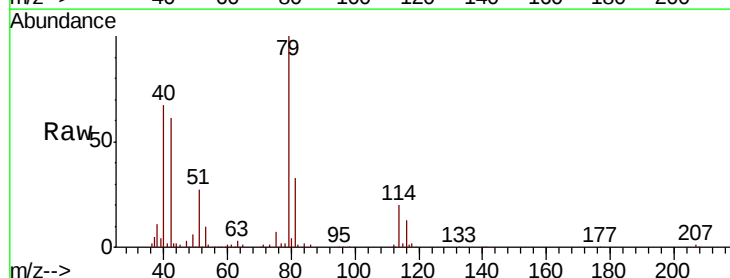
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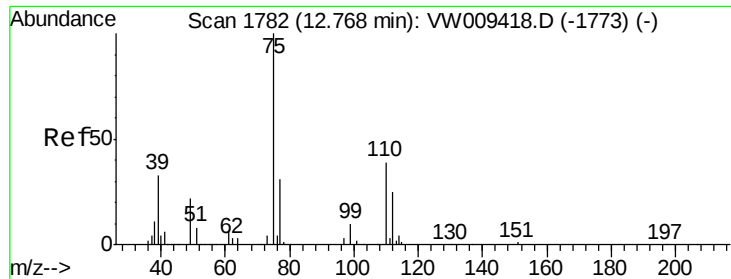
Tot Ion: 84 Resp: 26949
Ion Ratio Lower Upper
84 100
49 130.6 96.0 178.2
86 57.3 44.4 82.5



#45
trans-1,3-Dichloropropene
Concen: 0.374 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009427.D
Acq: 25 Mar 2019 14:46

Tgt Ion: 75 Resp: 2854
Ion Ratio Lower Upper
75 100
77 36.0 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 4.748 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009427.D

Acq: 25 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 20406

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

