

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009900.D
 Acq On : 11 Apr 2019 00:44
 Operator : SY/VA
 Sample : K2254-11
 Misc : 4.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC31RE

Quant Time: Apr 11 03:49:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	455057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	378484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118431	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120244	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
7) Chloroethane-d5	2.89	69	118165	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.01	63	226989	17.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.88%
20) 2-Butanone-d5	7.08	46	143109	74.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.04%#
24) Chloroform-d	7.64	84	352878	28.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.68%
26) 1,2-Dichloroethane-d4	8.30	65	226670	29.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.92%
29) Benzene-d6	8.27	84	612880	30.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.40%
33) 1,2-Dichloropropane-d6	9.27	67	205246	33.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.80%#
37) Toluene-d8	10.32	98	485369	26.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.68%
38) trans-1,3-Dichloropropene-	10.58	79	74388	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.68%
39) 2-Hexanone-d5	10.93	63	94260	81.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.98%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172777	30.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	115887	27.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.56%

Target Compounds

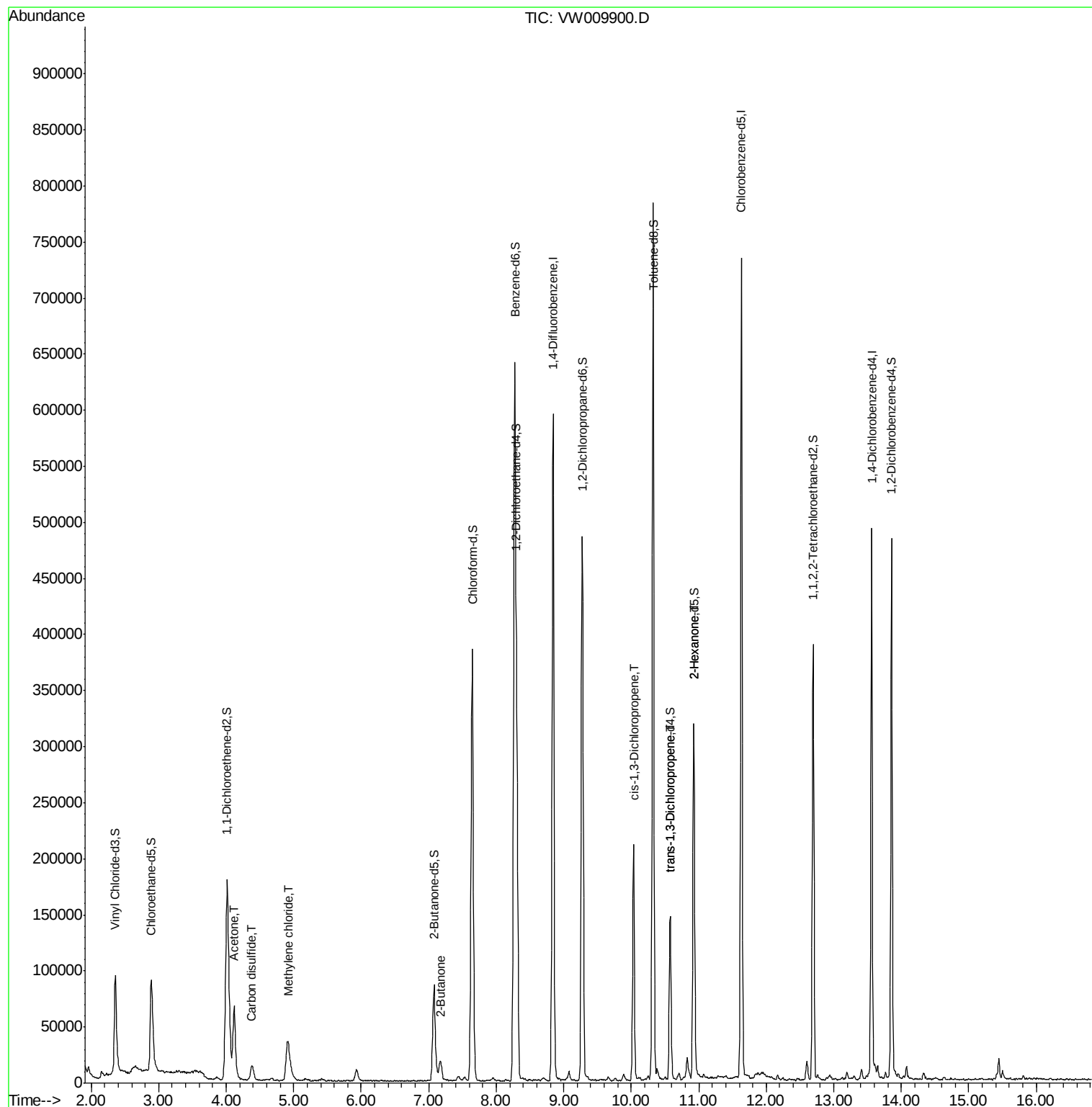
					Qvalue
13) Acetone	4.12	43	108412	52.333 ug/L	100
14) Carbon disulfide	4.38	76	22715	1.209 ug/L	96
16) Methylene chloride	4.92	84	32697	4.074 ug/L	94
21) 2-Butanone	7.18	43	25243	9.581 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5941	0.658 ug/L	89
45) trans-1,3-Dichloropropene	10.57	75	4074	0.523 ug/L	88
49) 2-Hexanone	10.93	43	17072	5.064 ug/L #	68

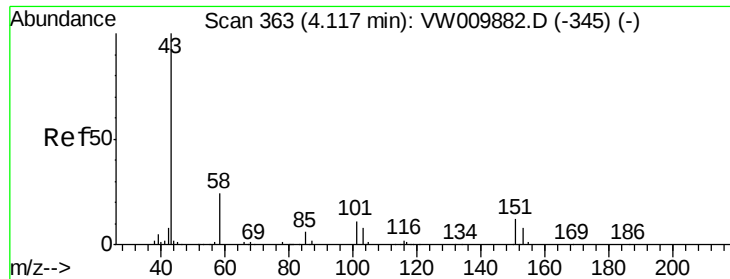
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 11 03:44:42 2019
Response via : Initial Calibration





#13

Acetone

Concen: 52.333 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009900.D

Acq: 11 Apr 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

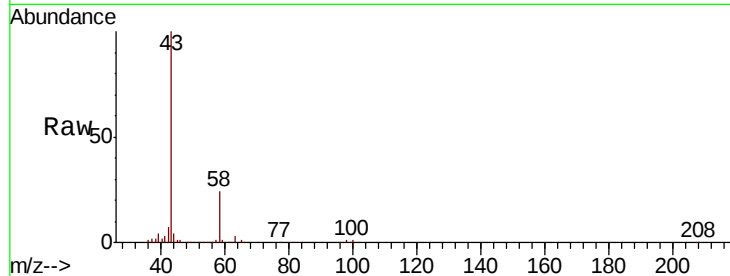
BFC31RE

Tgt Ion: 43 Resp: 108412

Ion Ratio Lower Upper

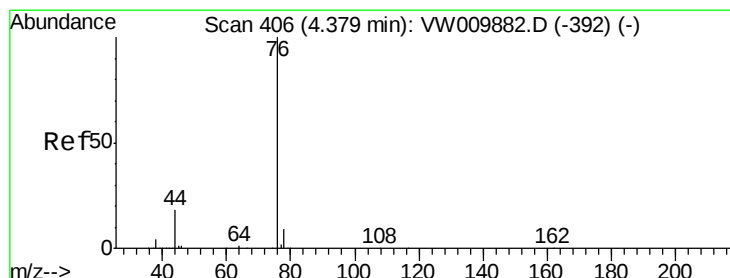
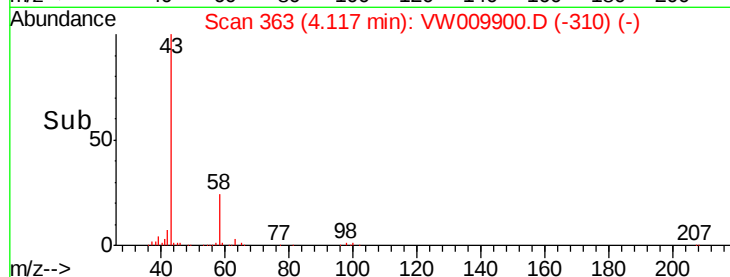
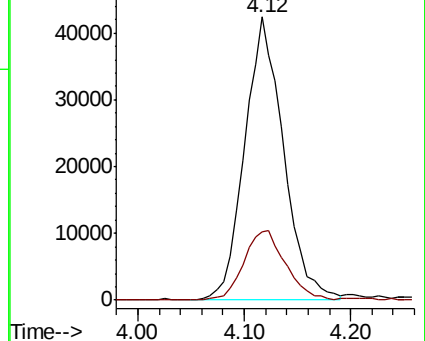
43 100

58 26.4 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.209 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009900.D

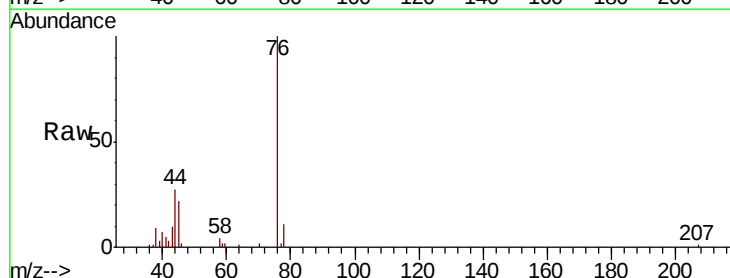
Acq: 11 Apr 2019 00:44

Tgt Ion: 76 Resp: 22715

Ion Ratio Lower Upper

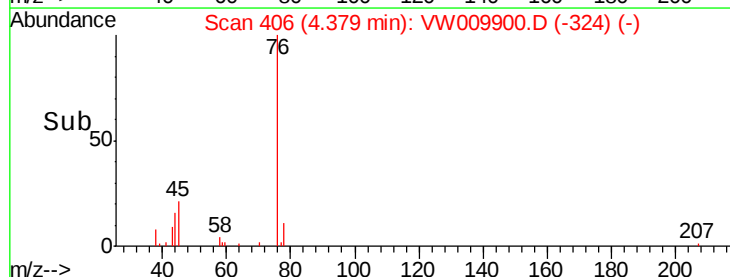
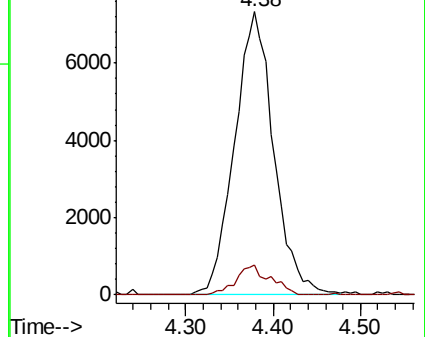
76 100

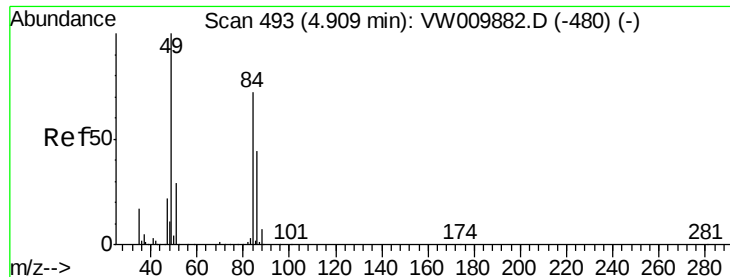
78 10.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

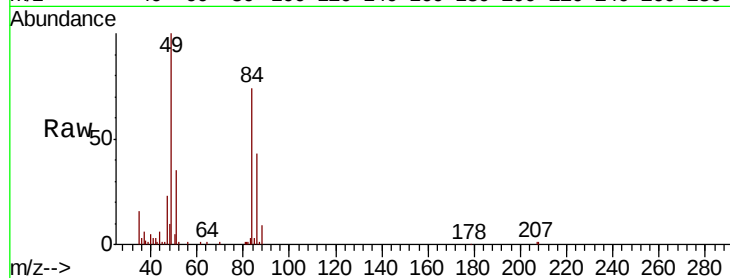




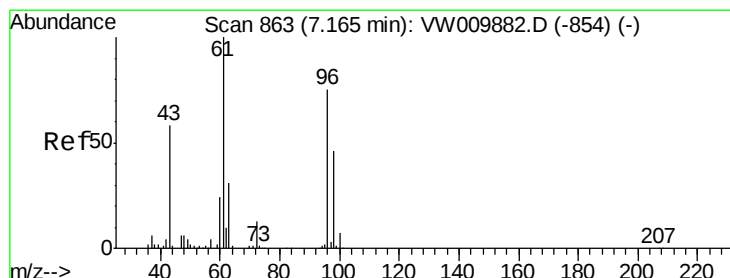
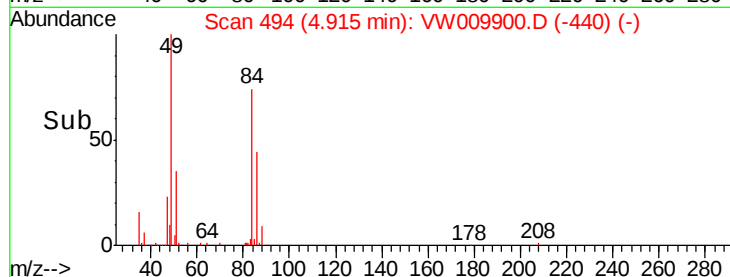
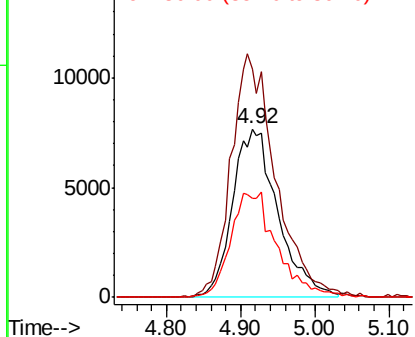
#16
Methylene chloride
Concen: 4.074 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009900.D
Acq: 11 Apr 2019 00:44

Instrument :
MSVOA_W
ClientSampleId :
BFC31RE

Tgt Ion: 84 Resp: 32697
Ion Ratio Lower Upper
84 100
49 135.4 98.3 182.5
86 58.6 46.4 86.2

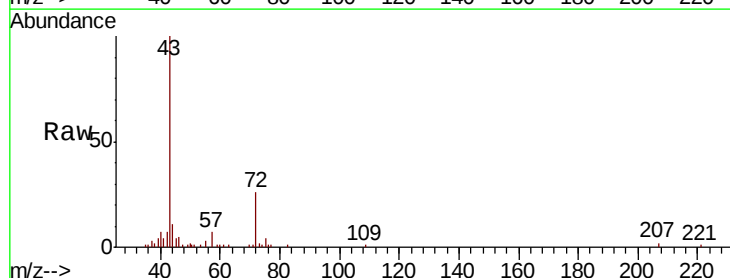


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

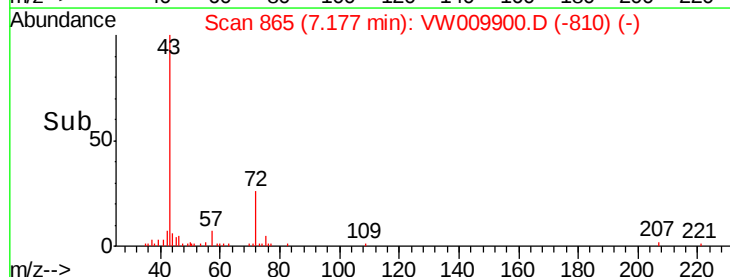
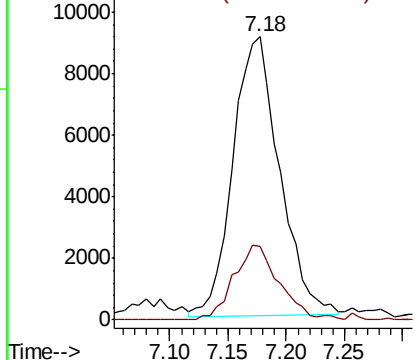


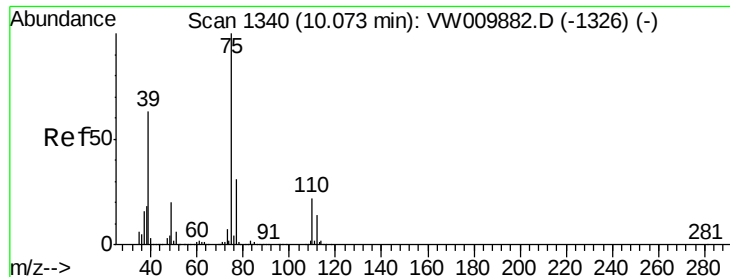
#21
2-Butanone
Concen: 9.581 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009900.D
Acq: 11 Apr 2019 00:44

Tgt Ion: 43 Resp: 25243
Ion Ratio Lower Upper
43 100
72 25.5 12.0 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.658 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009900.D

Acq: 11 Apr 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

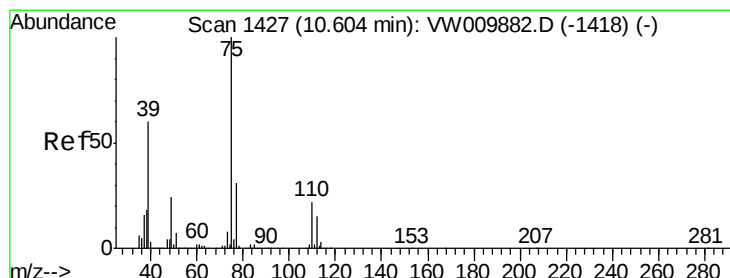
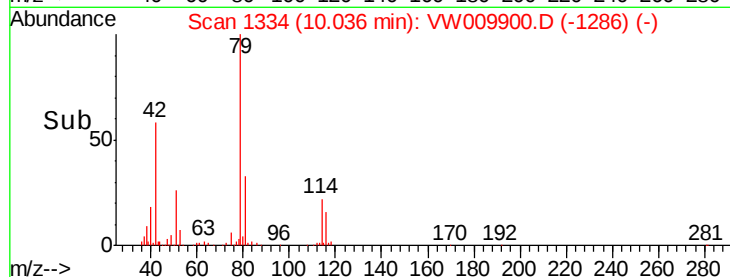
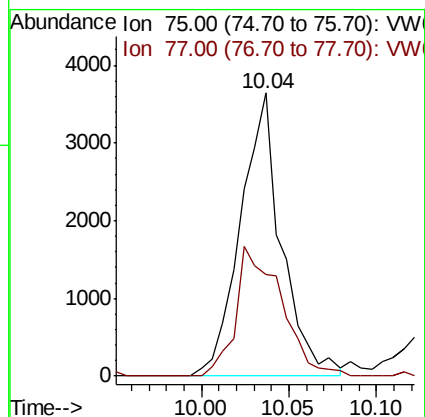
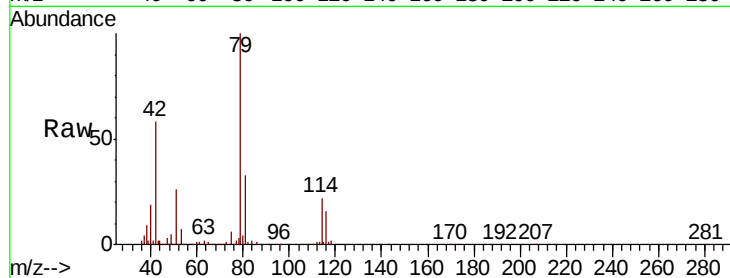
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Tgt Ion: 75 Resp: 5941

Ion Ratio Lower Upper

75 100

77 35.9 21.0 39.0



#45

trans-1,3-Dichloropropene

Concen: 0.523 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009900.D

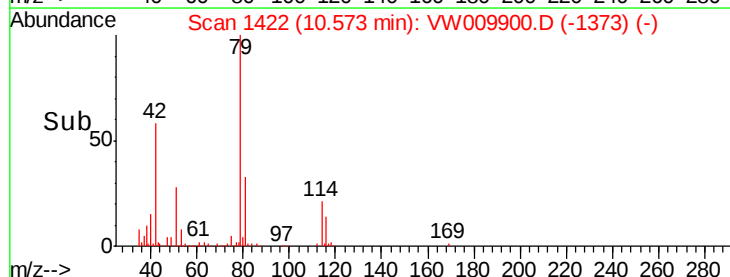
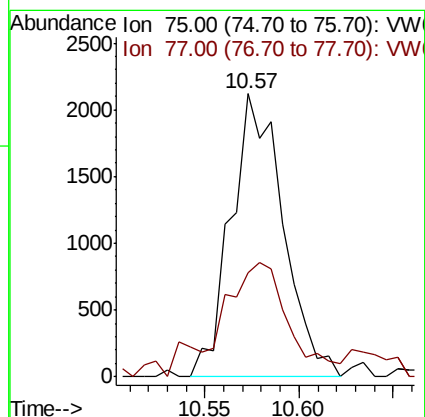
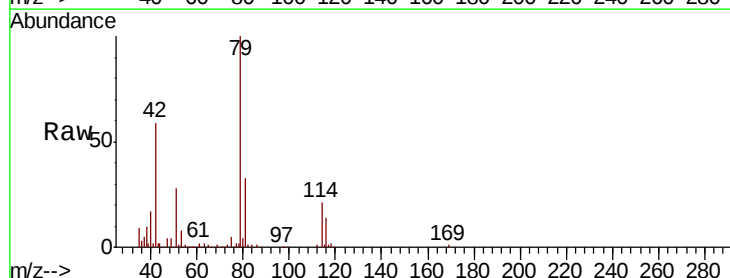
Acq: 11 Apr 2019 00:44

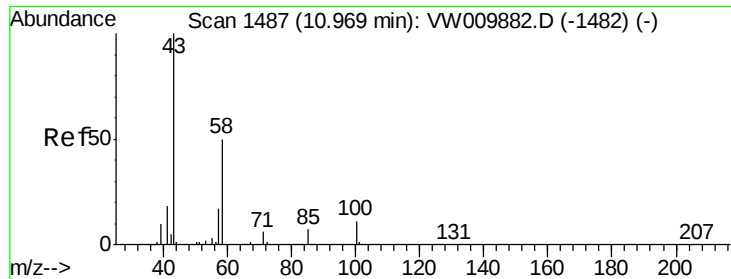
Tgt Ion: 75 Resp: 4074

Ion Ratio Lower Upper

75 100

77 36.8 21.1 39.3





#49

2-Hexanone

Concen: 5.064 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009900.D

Acq: 11 Apr 2019 00:44

Instrument :

MSVOA_W

ClientSampleId :

BFC31RE

Tgt Ion: 43 Resp: 17072

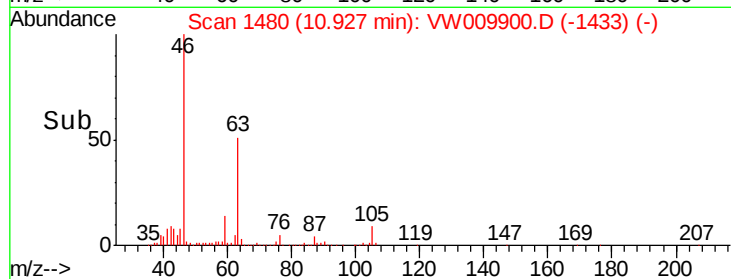
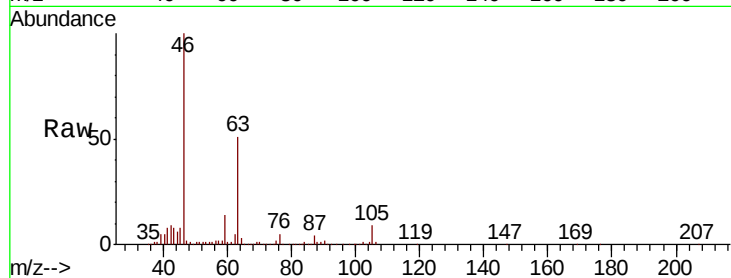
Ion Ratio Lower Upper

43 100

58 23.1 38.9 58.3#

57 27.3 13.8 20.6#

100 2.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

