

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005375.D
 Acq On : 14 Sep 2018 02:41
 Operator : SY/AP
 Sample : J4865-12
 Misc : 5.30G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3P0

Quant Time: Sep 14 06:59:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	286663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	282805	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	120607	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80602	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.44%
7) Chloroethane-d5	2.89	69	64120	27.41	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.64%
10) 1,1-Dichloroethene-d2	4.03	63	109638	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
20) 2-Butanone-d5	7.09	46	45530	36.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.08%
24) Chloroform-d	7.66	84	157293	29.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.68%
26) 1,2-Dichloroethane-d4	8.31	65	106092	31.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.12%
29) Benzene-d6	8.28	84	311997	27.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.92%
33) 1,2-Dichloropropane-d6	9.28	67	95456	29.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.80%
37) Toluene-d8	10.33	98	308075	26.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.16%
38) trans-1,3-Dichloropropene-	10.59	79	44141	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.88%
39) 2-Hexanone-d5	10.93	63	37452	37.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.22%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	84927	25.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	103549	28.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.44%

Target Compounds

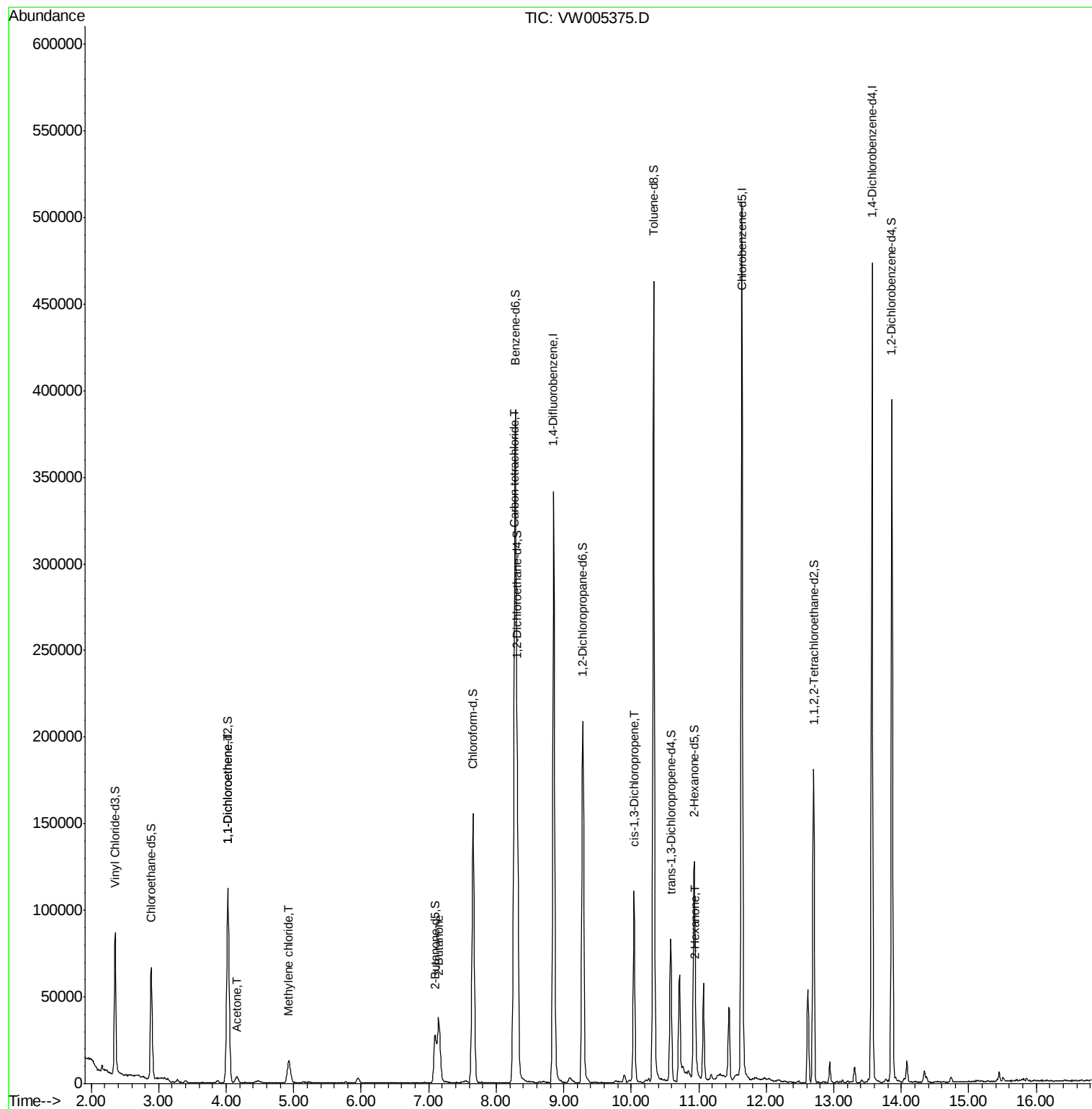
					Qvalue
12) 1,1-Dichloroethene	4.02	96	951	0.305 ug/L #	1
13) Acetone	4.16	43	4169	3.564 ug/L	57
16) Methylene chloride	4.92	84	10160	1.866 ug/L	89
21) 2-Butanone	7.16	43	5706	3.183 ug/L #	56
32) Carbon tetrachloride	8.26	117	2711	0.454 ug/L #	24
42) cis-1,3-Dichloropropene	10.04	75	3133	0.545 ug/L #	71
49) 2-Hexanone	10.96	43	4904	1.794 ug/L #	45

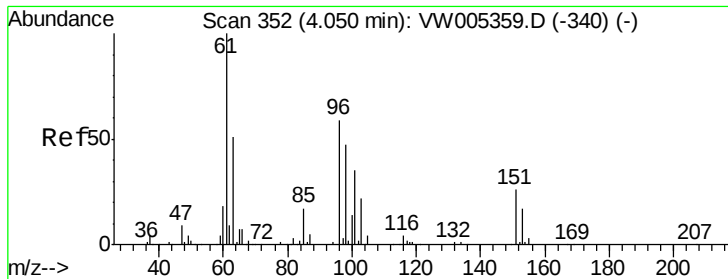
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 06:56:14 2018
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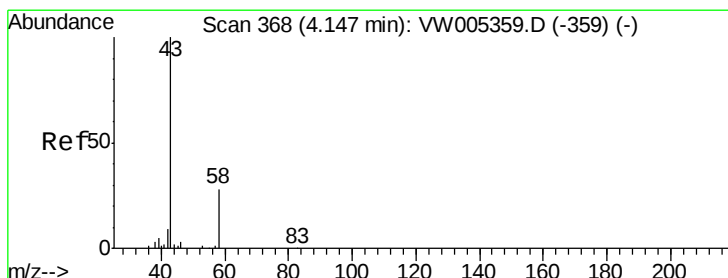
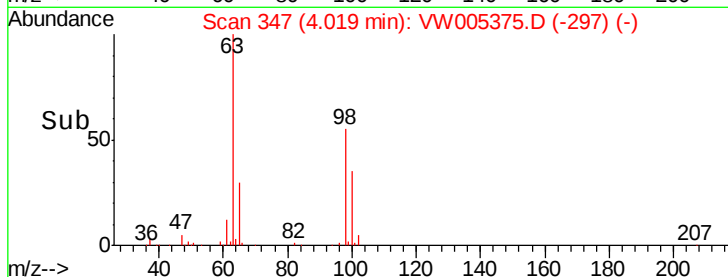
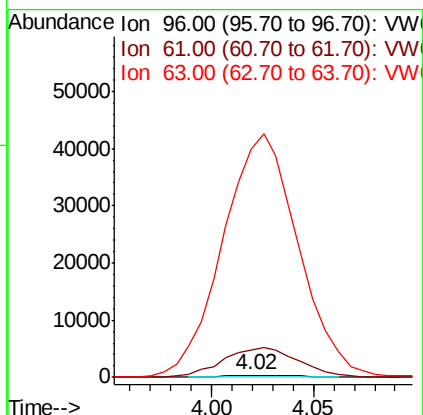
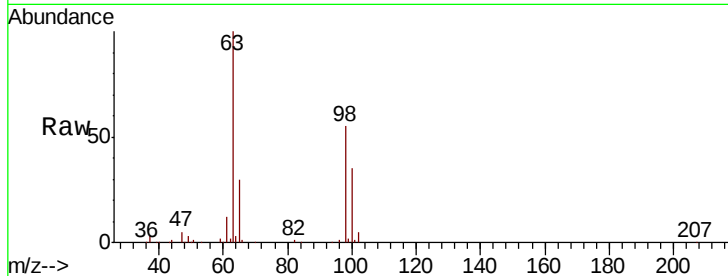




#12
 1,1-Dichloroethene
 Concen: 0.305 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW005375.D
 Acq: 14 Sep 2018 02:41

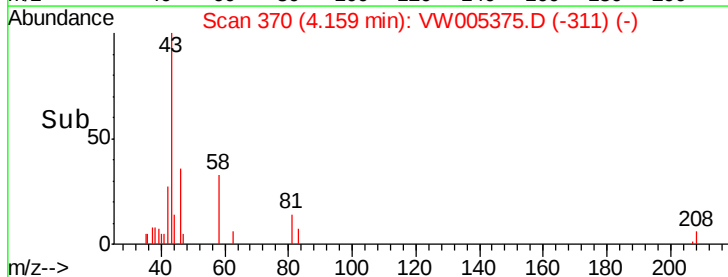
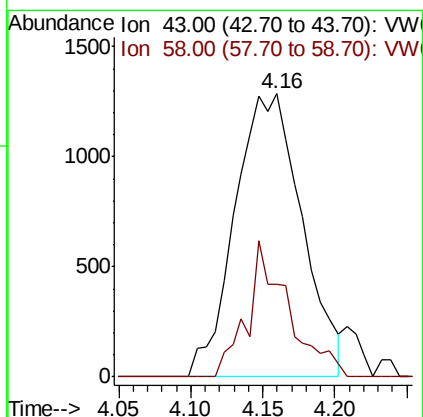
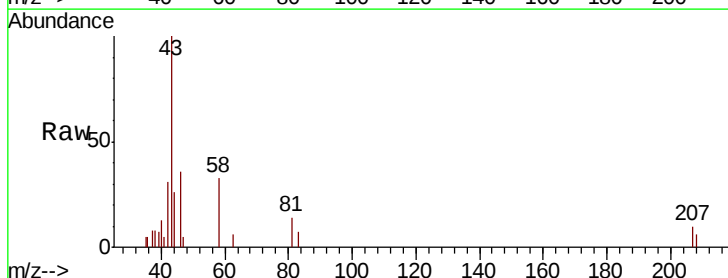
Instrument :
 MSVOA_W
 ClientSampled :
 DB3P0

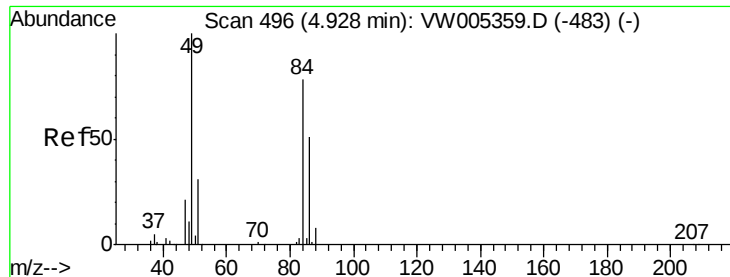
Tgt Ion: 96 Resp: 951
 Ion Ratio Lower Upper
 96 100
 61 1284.7 123.3 229.1#
 63 10556.6 69.4 128.8#



#13
 Acetone
 Concen: 3.564 ug/L
 RT: 4.16 min Scan# 370
 Delta R.T. 0.03 min
 Lab File: VW005375.D
 Acq: 14 Sep 2018 02:41

Tgt Ion: 43 Resp: 4169
 Ion Ratio Lower Upper
 43 100
 58 5.9 0.0 57.6

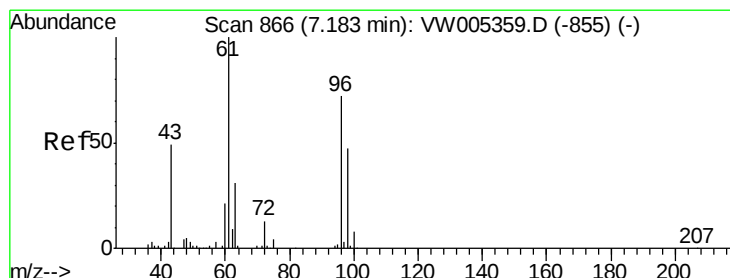
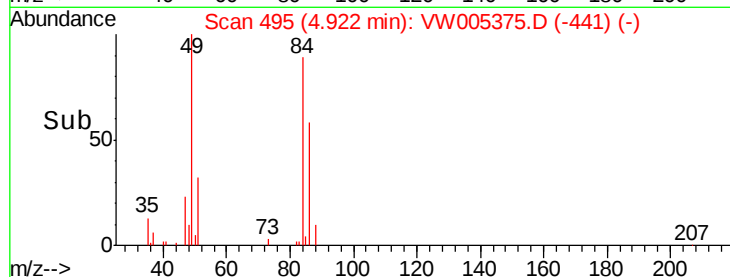
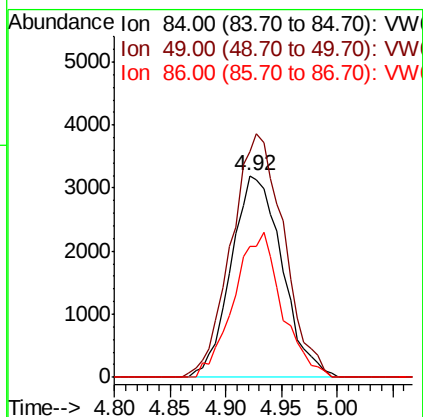
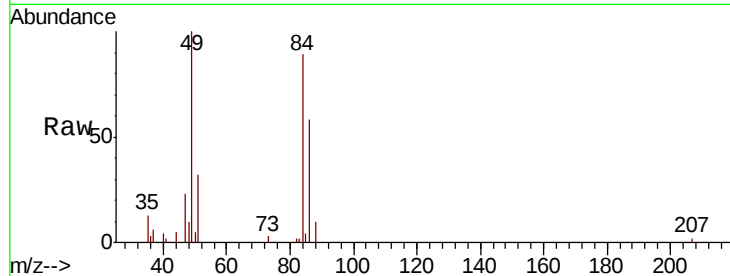




#16
Methylene chloride
Concen: 1.866 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005375.D
Acq: 14 Sep 2018 02:41

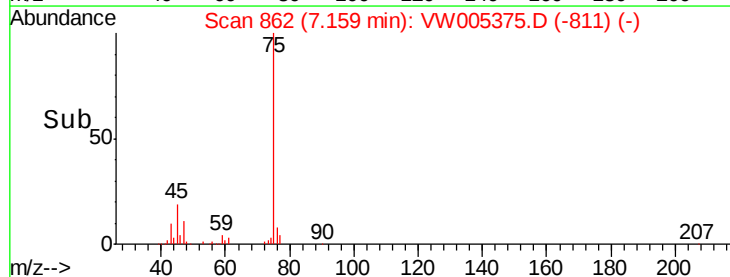
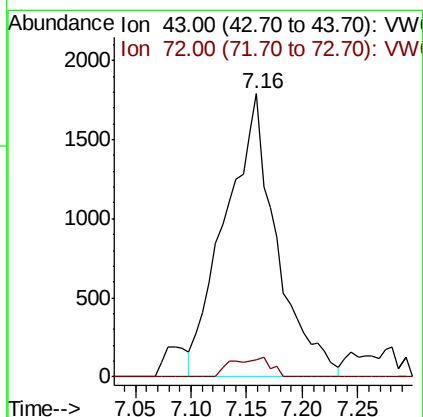
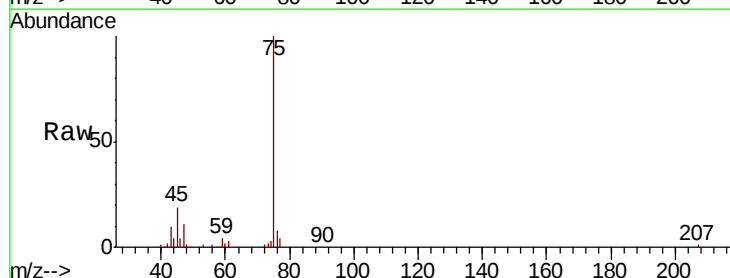
Instrument :
MSVOA_W
ClientSampled :
DB3P0

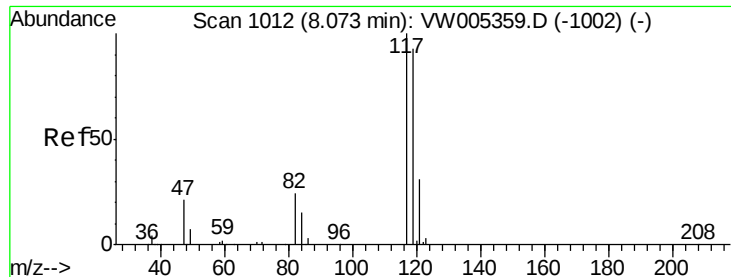
Tgt Ion: 84 Resp: 10160
Ion Ratio Lower Upper
84 100
49 112.2 90.9 168.7
86 65.2 43.6 81.0



#21
2-Butanone
Concen: 3.183 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW005375.D
Acq: 14 Sep 2018 02:41

Tgt Ion: 43 Resp: 5706
Ion Ratio Lower Upper
43 100
72 2.3 11.8 35.4#





#32

Carbon tetrachloride

Concen: 0.454 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.19 min

Lab File: VW005375.D

Acq: 14 Sep 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

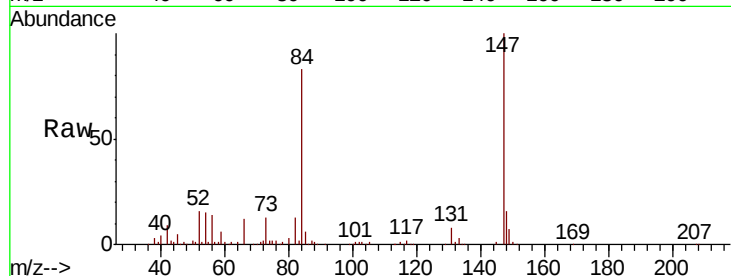
DB3P0

Tgt Ion:117 Resp: 2711

Ion Ratio Lower Upper

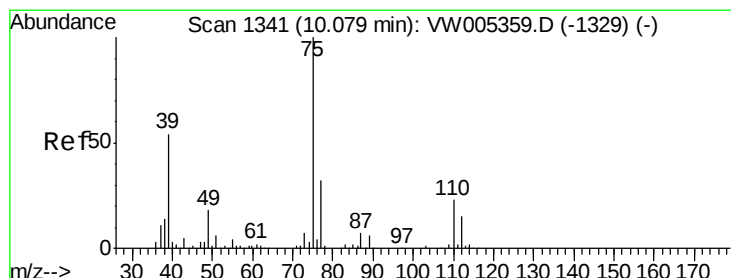
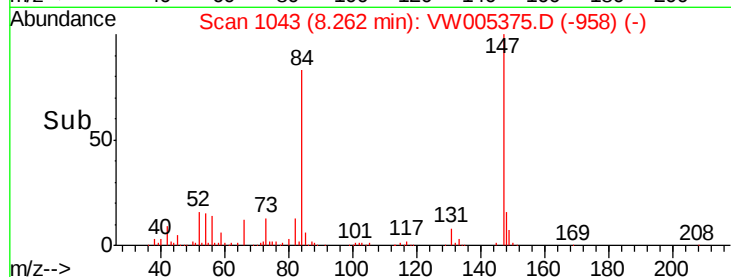
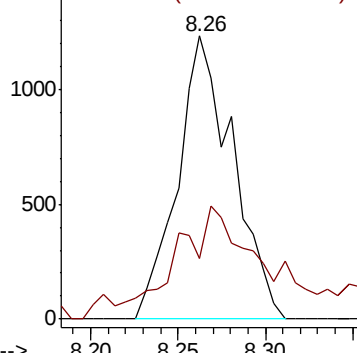
117 100

119 22.1 77.0 115.6#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005375.D

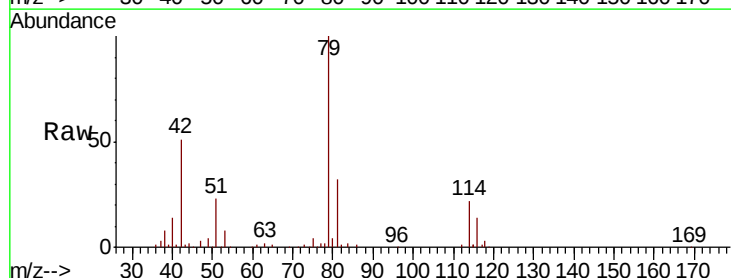
Acq: 14 Sep 2018 02:41

Tgt Ion: 75 Resp: 3133

Ion Ratio Lower Upper

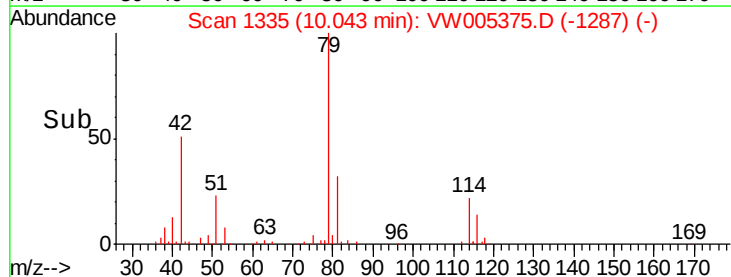
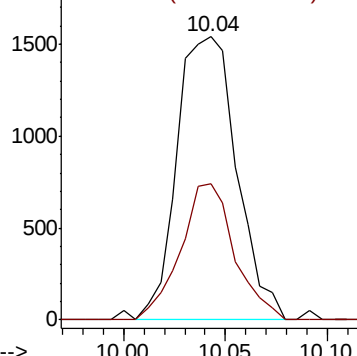
75 100

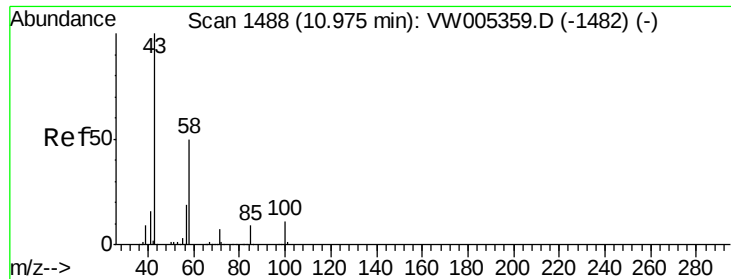
77 48.2 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 1.794 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.02 min

Lab File: VW005375.D

Acq: 14 Sep 2018 02:41

Instrument :

MSVOA_W

ClientSampleId :

DB3P0

Tgt Ion: 43 Resp: 4904

Ion Ratio Lower Upper

43 100

58 5.0 41.6 62.4#

57 0.0 15.0 22.6#

100 2.1 8.6 12.8#

