

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007320.D
 Acq On : 07 Dec 2018 21:25
 Operator : SY/AP
 Sample : J6236-08
 Misc : 5.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E18

Quant Time: Dec 08 02:06:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 02:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	142138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	119898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	27161	29.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.36%
7) Chloroethane-d5	2.89	69	21549	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.92%
10) 1,1-Dichloroethene-d2	4.01	63	67465	21.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.52%
20) 2-Butanone-d5	7.08	46	21435	36.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.46%
24) Chloroform-d	7.65	84	88879	26.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.04%
26) 1,2-Dichloroethane-d4	8.30	65	51443	26.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.84%
29) Benzene-d6	8.27	84	180293	27.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.76%
33) 1,2-Dichloropropane-d6	9.27	67	50616	27.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.96%
37) Toluene-d8	10.33	98	166073	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.80%
38) trans-1,3-Dichloropropene-	10.58	79	24100	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.48%
39) 2-Hexanone-d5	10.93	63	16930	37.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36294	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	49793	27.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.28%

Target Compounds

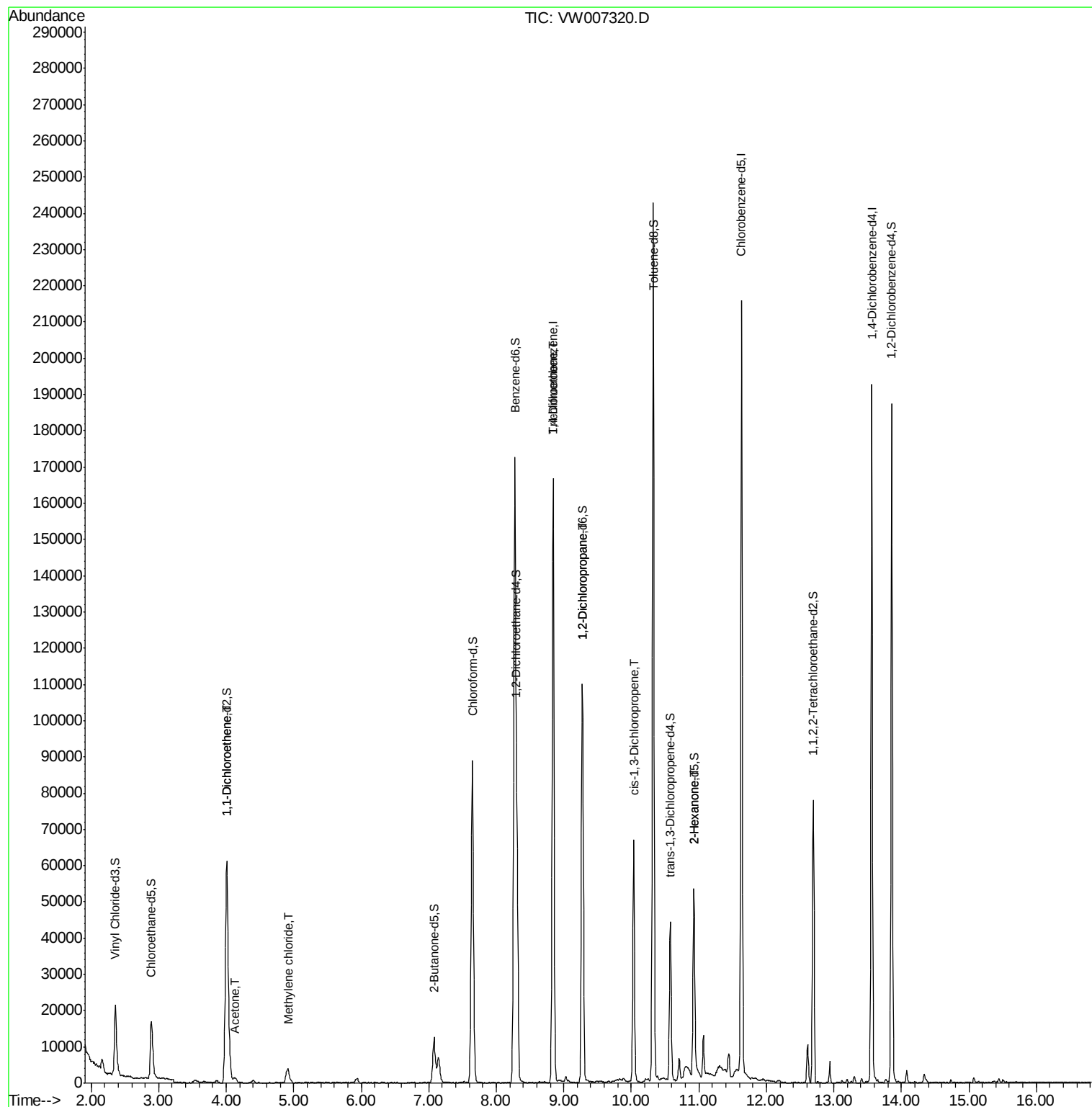
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.00	96	547	0.328	ug/L #	1
13) Acetone	4.12	43	1080	1.592	ug/L	84
16) Methylene chloride	4.91	84	3448	1.501	ug/L	93
35) Trichloroethene	8.84	95	4378	2.222	ug/L #	4
40) 1,2-Dichloropropane	9.27	63	5874	3.494	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1649	0.584	ug/L #	77
49) 2-Hexanone	10.93	43	2504	2.678	ug/L #	67

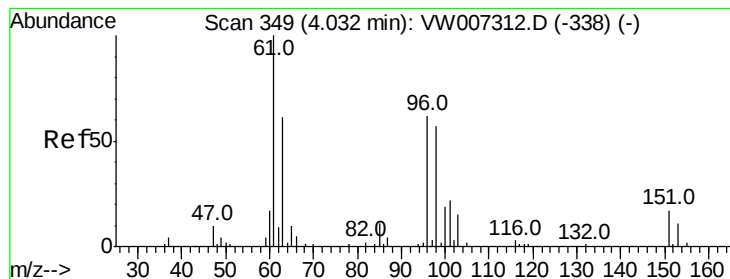
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.328 ug/L

RT: 4.00 min Scan# 344

Delta R.T. -0.03 min

Lab File: VW007320.D

Acq: 07 Dec 2018 21:25

Instrument :

MSVOA_W

ClientSampleId :

F9E18

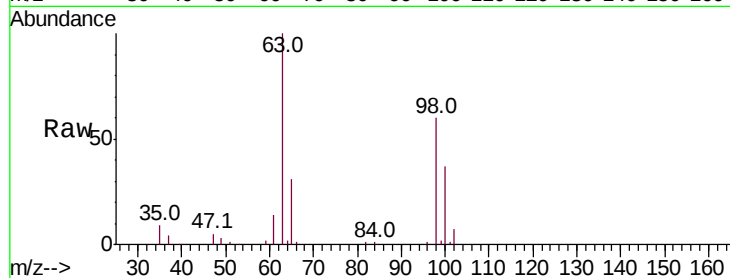
Tot Ion: 96 Resp: 547

Ion Ratio Lower Upper

96 100

61 1084.4 117.2 217.8#

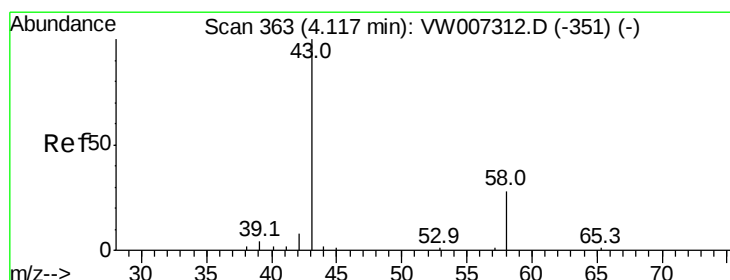
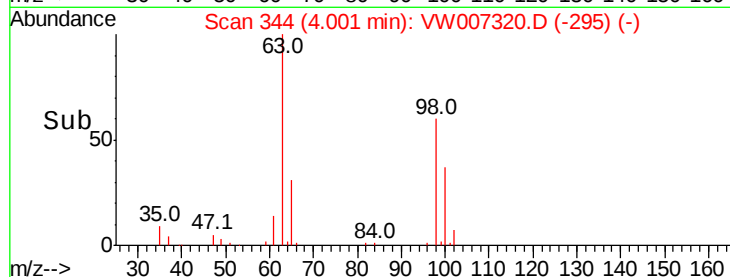
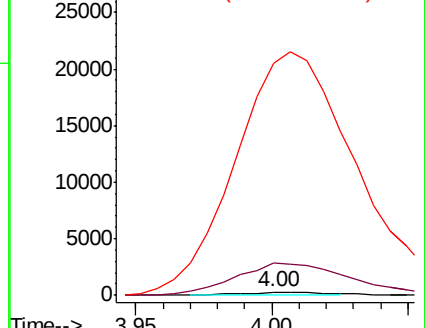
63 7802.3 89.7 166.7#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 1.592 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007320.D

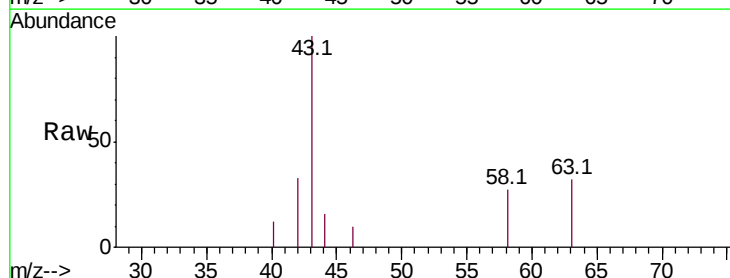
Acq: 07 Dec 2018 21:25

Tgt Ion: 43 Resp: 1080

Ion Ratio Lower Upper

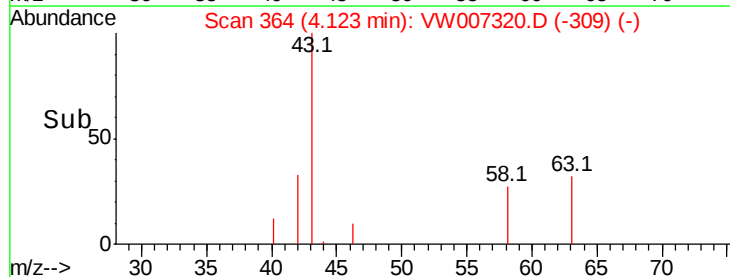
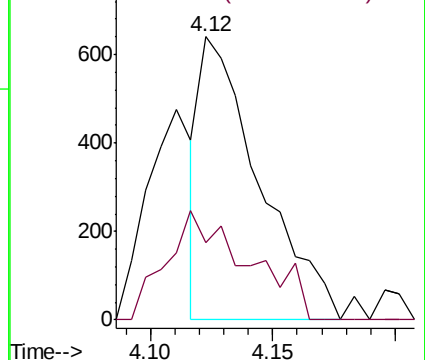
43 100

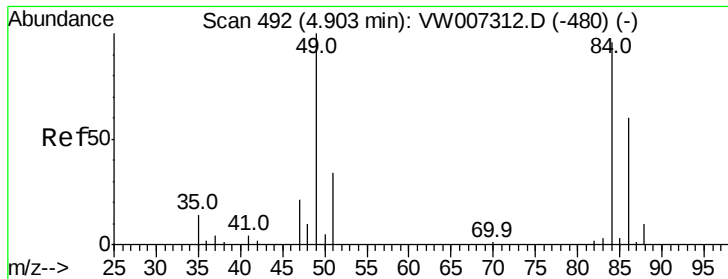
58 38.1 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

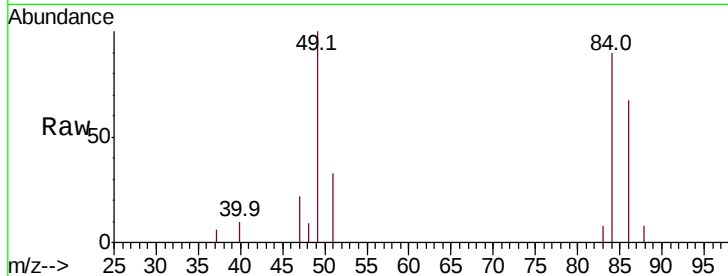




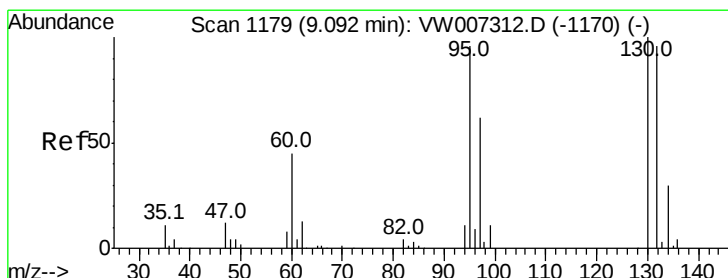
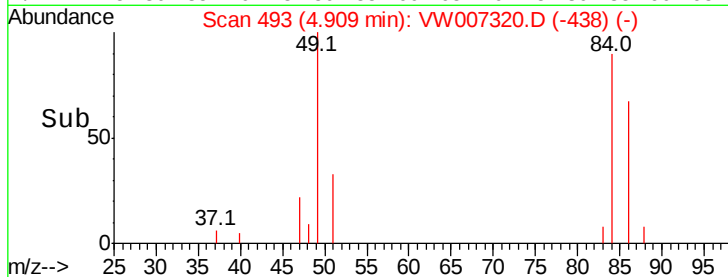
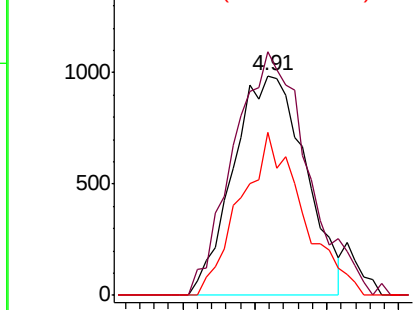
#16
Methvlene chloride
Concen: 1.501 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007320.D
Acq: 07 Dec 2018 21:25

Instrument :
MSVOA_W
ClientSampled :
F9E18

Tot Ion: 84 Resp: 3448
Ion Ratio Lower Upper
84 100
49 111.0 80.8 150.2
86 74.2 45.8 85.2

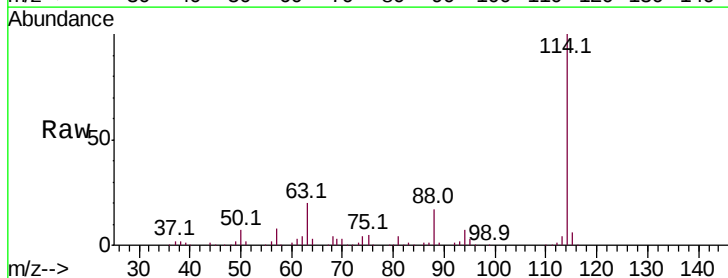


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

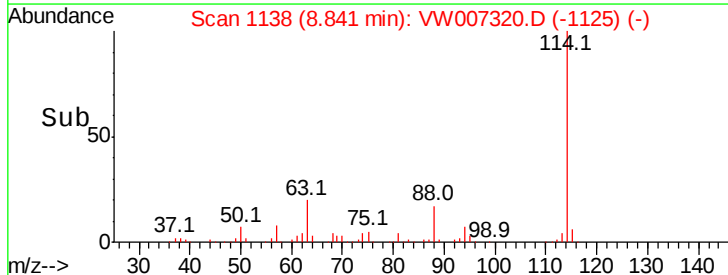
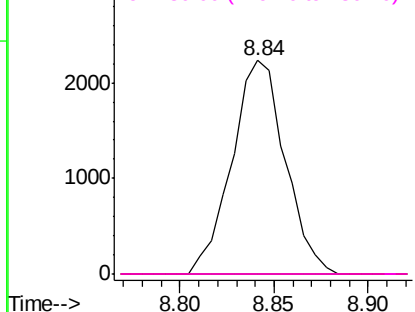


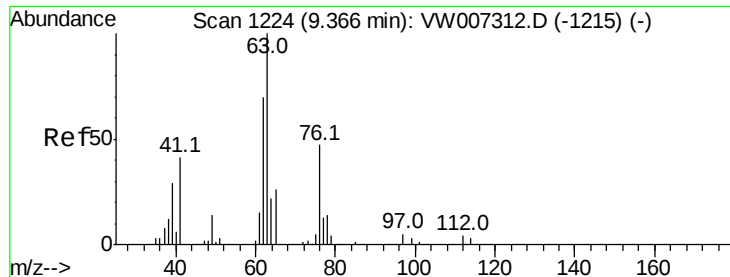
#35
Trichloroethene
Concen: 2.222 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW007320.D
Acq: 07 Dec 2018 21:25

Tgt Ion: 95 Resp: 4378
Ion Ratio Lower Upper
95 100
97 0.0 45.8 85.0#
132 0.0 68.0 126.4#
130 0.0 71.6 133.0#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V





#40

1,2-Dichloropropane

Concen: 3.494 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007320.D

Acq: 07 Dec 2018 21:25

Instrument :

MSVOA_W

ClientSampled :

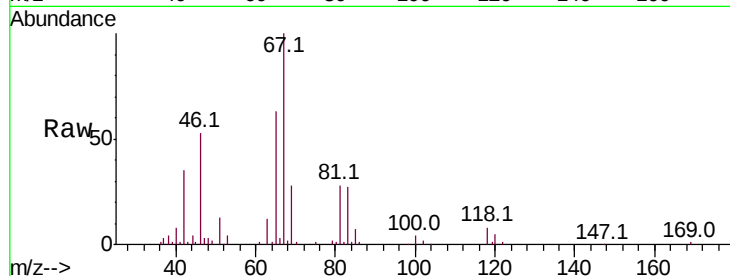
F9E18

Tot Ion: 63 Resp: 5874

Ion Ratio Lower Upper

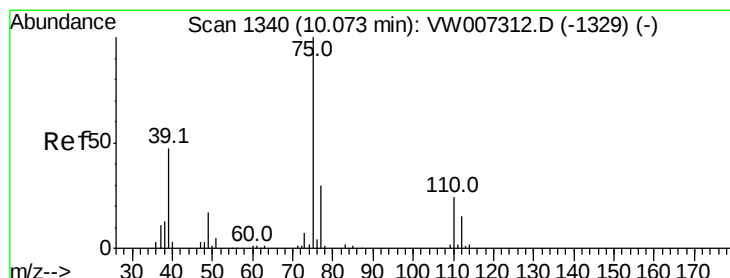
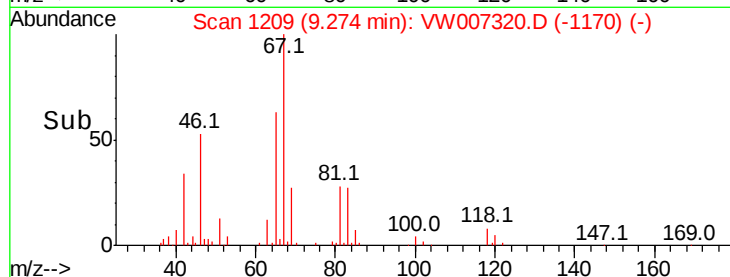
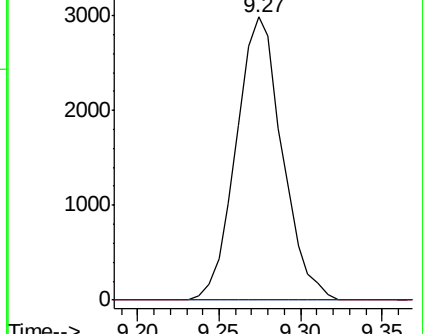
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.584 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007320.D

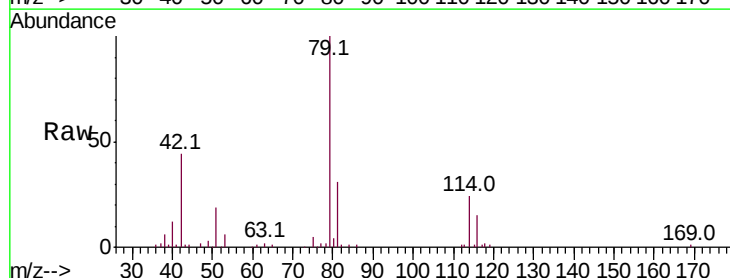
Acq: 07 Dec 2018 21:25

Tgt Ion: 75 Resp: 1649

Ion Ratio Lower Upper

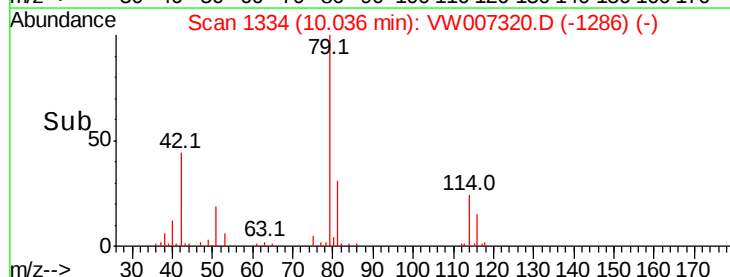
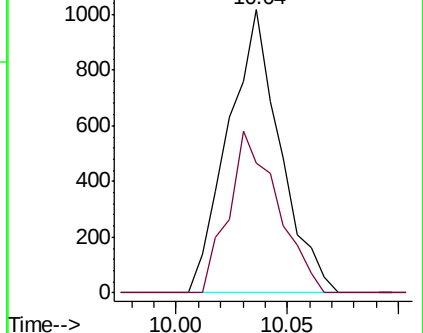
75 100

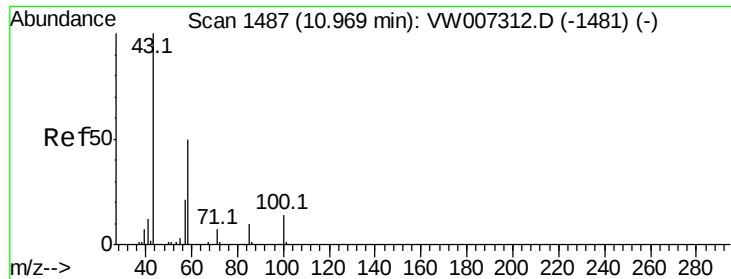
77 45.9 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49
 2-Hexanone
 Concen: 2.678 ug/L
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW007320.D
 Acq: 07 Dec 2018 21:25

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E18

Tot Ion: 43 Resp: 2504
 Ion Ratio Lower Upper
 43 100
 58 22.5 47.2 70.8#
 57 21.4 17.6 26.4
 100 7.6 12.2 18.2#

