

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007319.D
 Acq On : 07 Dec 2018 20:59
 Operator : SY/AP
 Sample : J6236-07
 Misc : 6.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E17

Quant Time: Dec 08 02:06:41 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	80060	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	61898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	24509	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	16487	31.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.48%
7) Chloroethane-d5	2.89	69	12666	28.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.72%
10) 1,1-Dichloroethene-d2	4.00	63	38746	21.54	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.16%
20) 2-Butanone-d5	7.08	46	21396	65.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.18%
24) Chloroform-d	7.65	84	51474	27.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.04%
26) 1,2-Dichloroethane-d4	8.31	65	33288	30.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.88%
29) Benzene-d6	8.27	84	101737	30.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.04%
33) 1,2-Dichloropropane-d6	9.27	67	29227	30.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.84%#
37) Toluene-d8	10.32	98	91141	28.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.64%
38) trans-1,3-Dichloropropene-	10.58	79	13457	27.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.76%
39) 2-Hexanone-d5	10.93	63	15506	67.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28710	32.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.36%#
61) 1,2-Dichlorobenzene-d4	13.86	152	23235	26.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.80%

Target Compounds

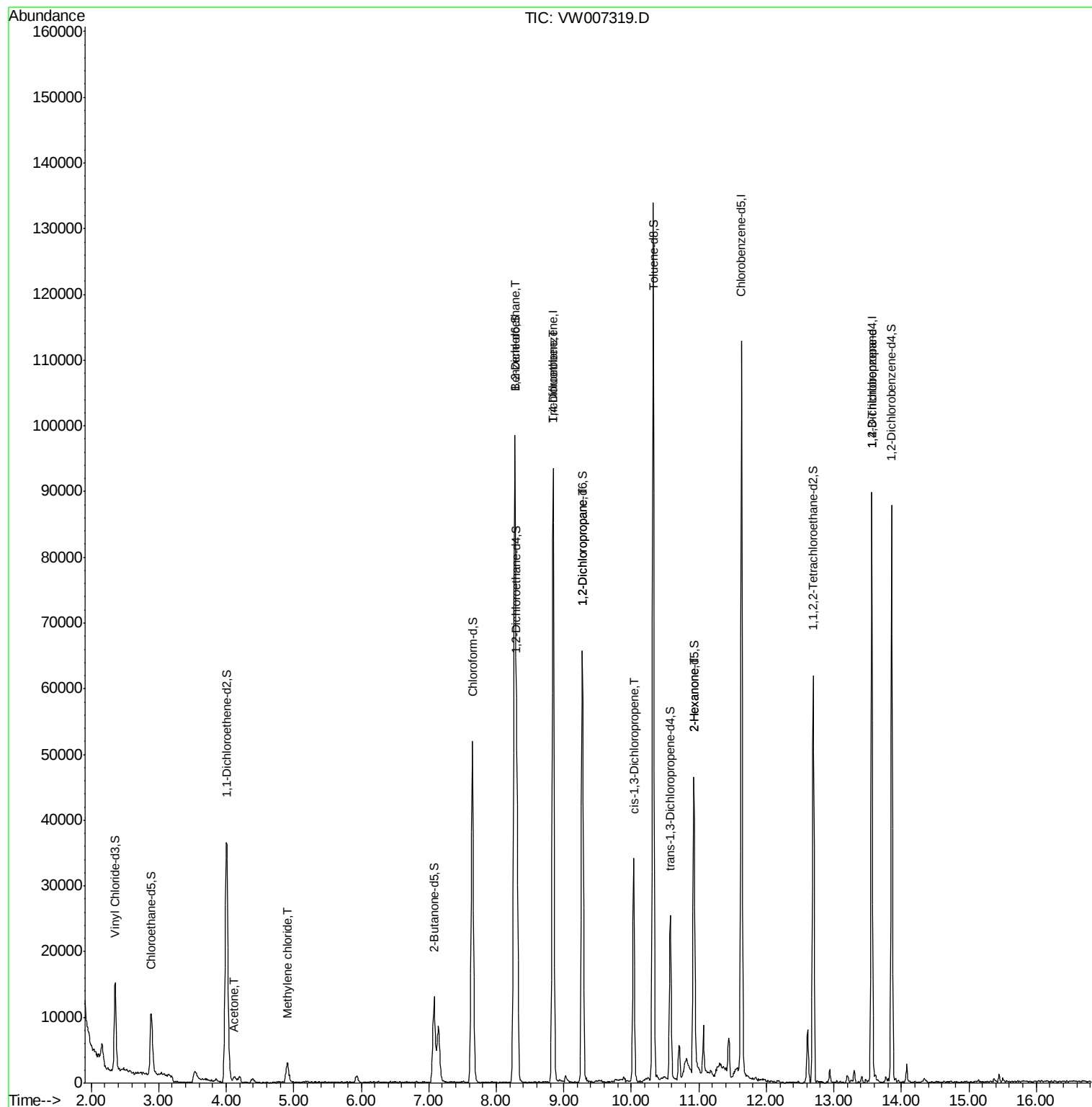
					Ovalue
13) Acetone	4.12	43	1417	3.707 ug/L	64
16) Methylene chloride	4.91	84	2247	1.737 ug/L #	84
27) 1,2-Dichloroethane	8.27	62	657	0.494 ug/L #	76
35) Trichloroethene	8.84	95	2391	2.350 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	3706	4.270 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	951	0.652 ug/L	93
49) 2-Hexanone	10.92	43	2712	5.617 ug/L #	45
59) 1,2,3-Trichloropropane	13.56	75	2643	3.769 ug/L	89

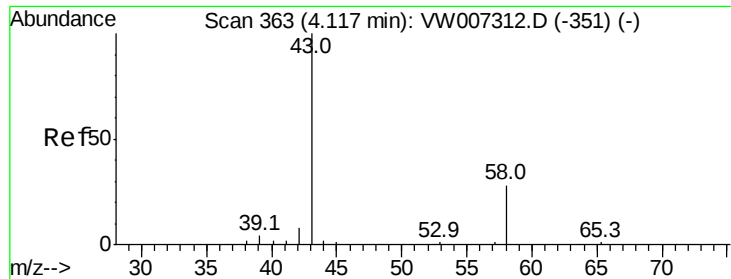
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.707 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007319.D

Acq: 07 Dec 2018 20:59

Instrument :

MSVOA_W

ClientSampled :

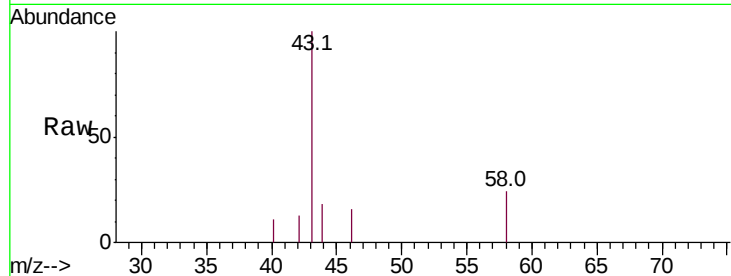
F9E17

Tot Ion: 43 Resp: 1417

Ion Ratio Lower Upper

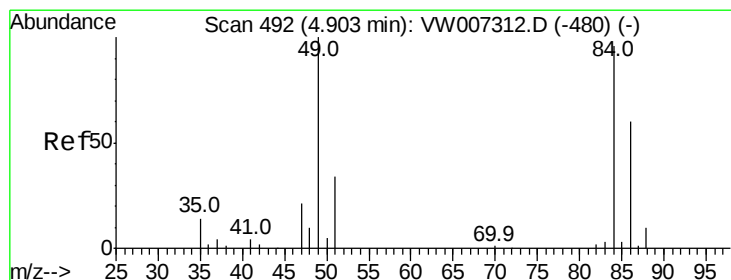
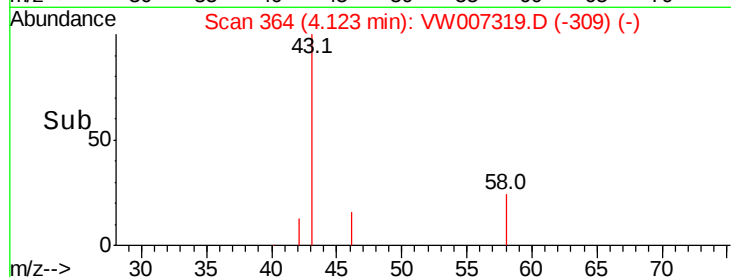
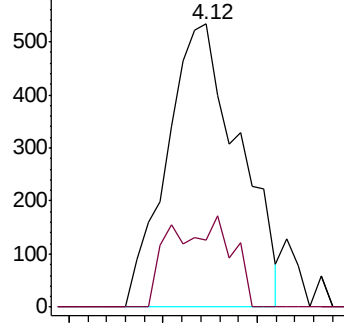
43 100

58 10.0 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.737 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007319.D

Acq: 07 Dec 2018 20:59

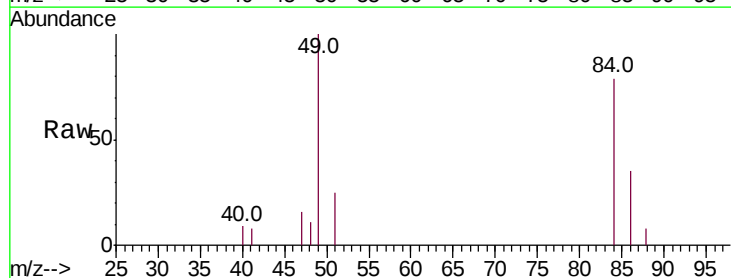
Tgt Ion: 84 Resp: 2247

Ion Ratio Lower Upper

84 100

49 126.3 80.8 150.2

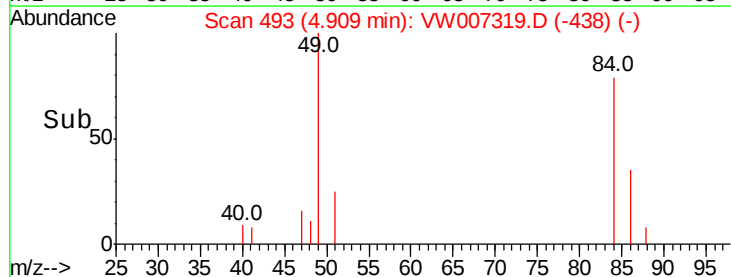
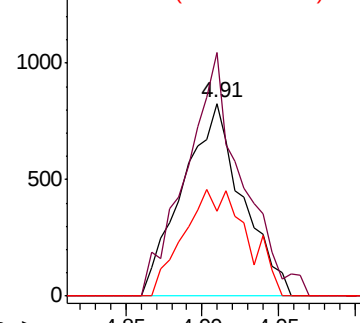
86 44.0 45.8 85.2#

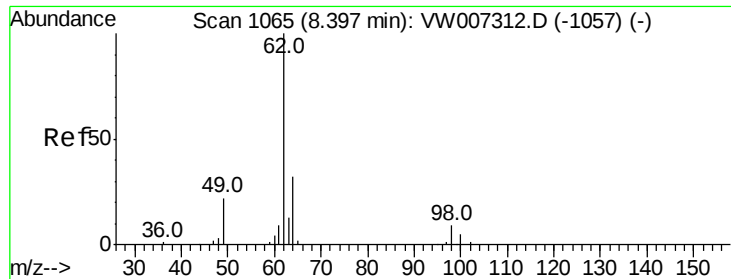


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#27

1,2-Dichloroethane

Concen: 0.494 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW007319.D

Acq: 07 Dec 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

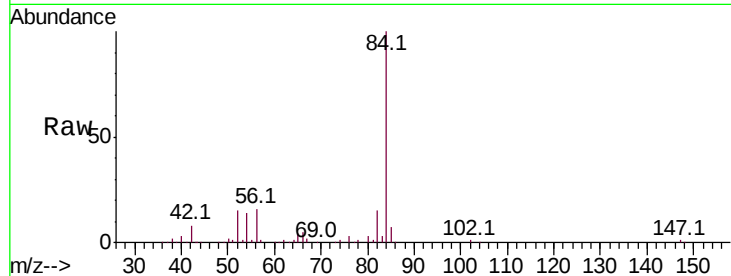
F9E17

Tot Ion: 62 Resp: 657

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.27

400

300

200

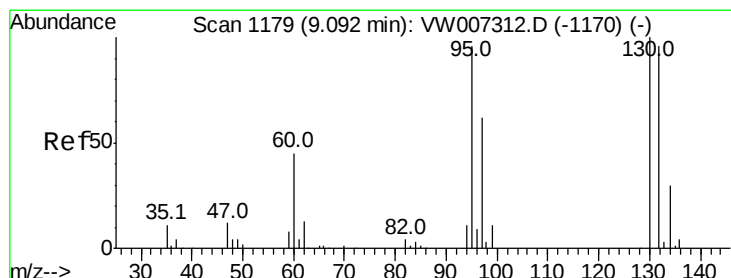
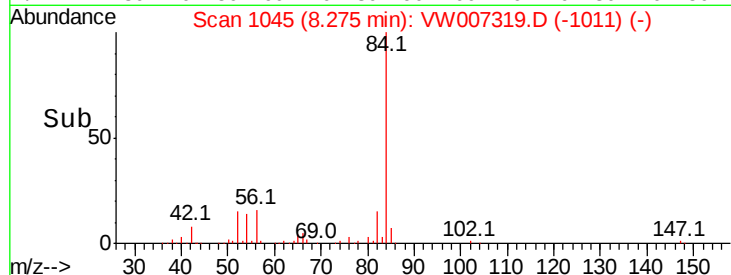
100

0

8.25

8.30

Time-->



#35

Trichloroethene

Concen: 2.350 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007319.D

Acq: 07 Dec 2018 20:59

Tgt Ion: 95 Resp: 2391

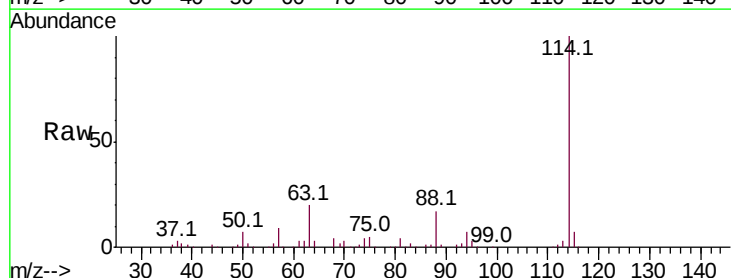
Ion Ratio Lower Upper

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

2000

1500

1000

500

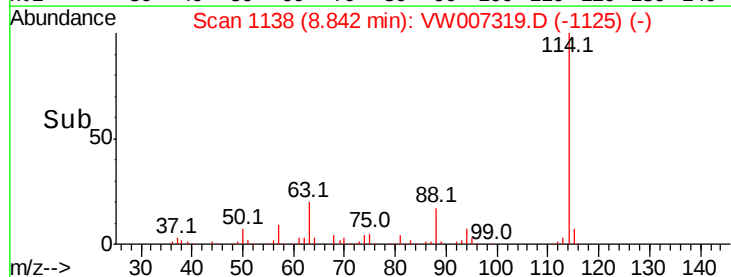
0

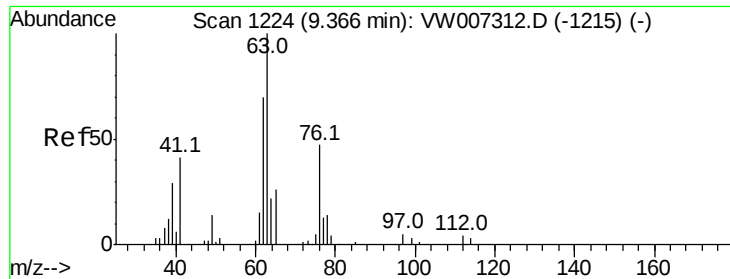
8.80

8.85

8.90

Time-->





#40

1,2-Dichloropropane

Concen: 4.270 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007319.D

Acq: 07 Dec 2018 20:59

Instrument :

MSVOA_W

ClientSampleId :

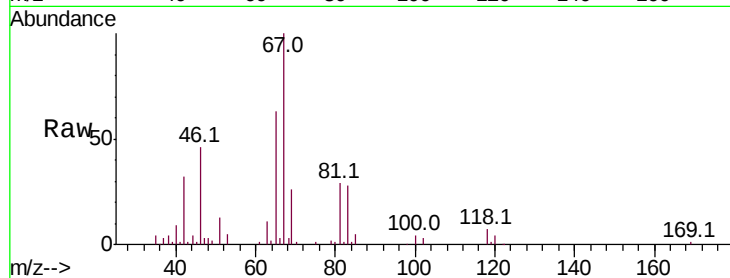
F9E17

Tot Ion: 63 Resp: 3706

Ion Ratio Lower Upper

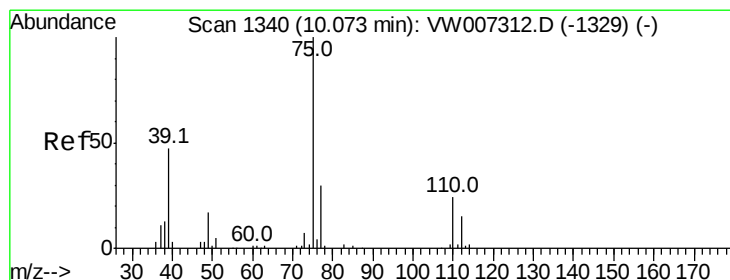
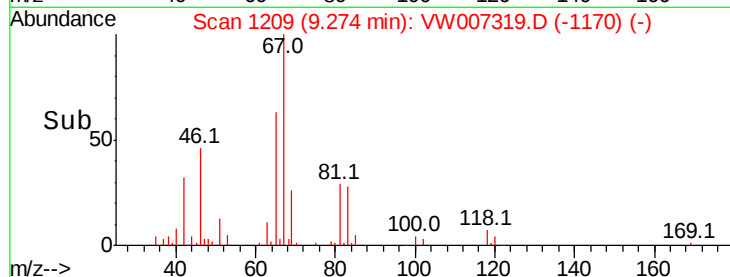
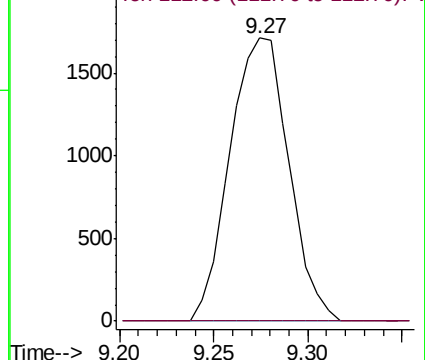
63 100

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: 0.652 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007319.D

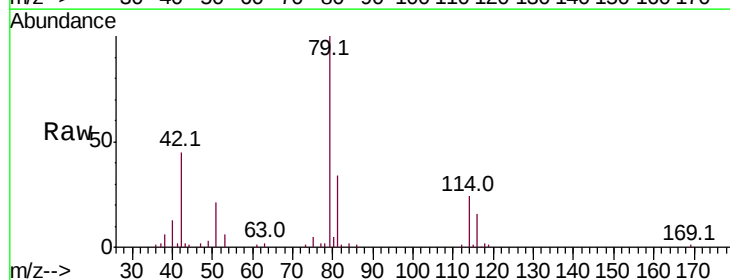
Acq: 07 Dec 2018 20:59

Tgt Ion: 75 Resp: 951

Ion Ratio Lower Upper

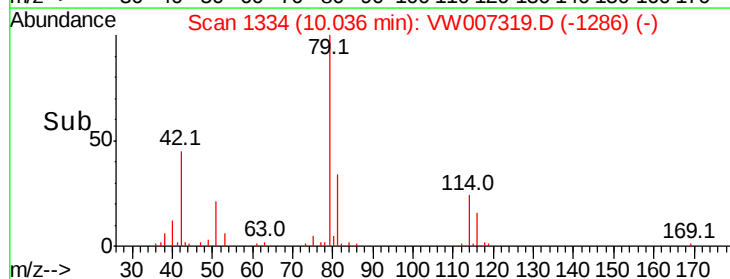
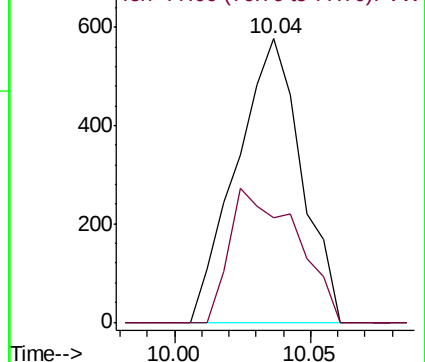
75 100

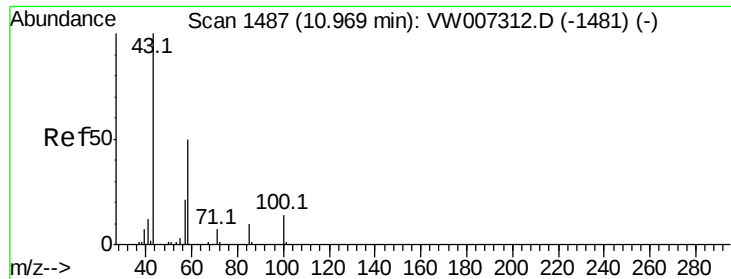
77 36.9 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

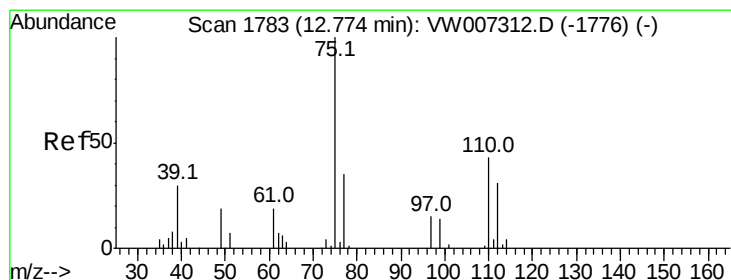
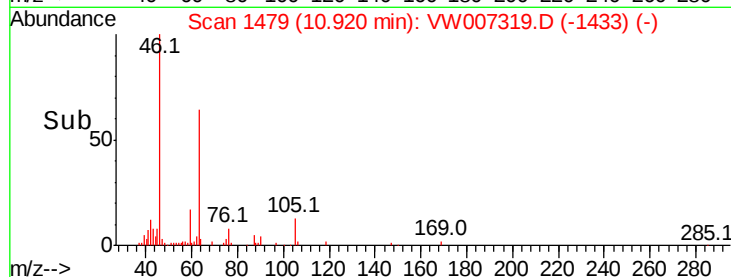
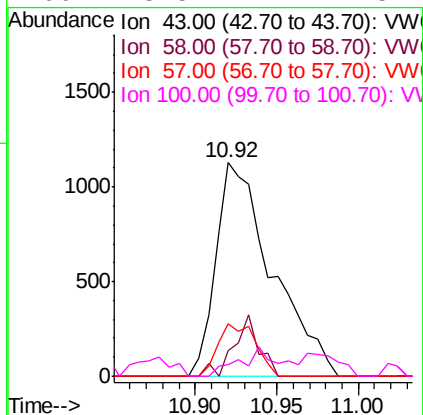
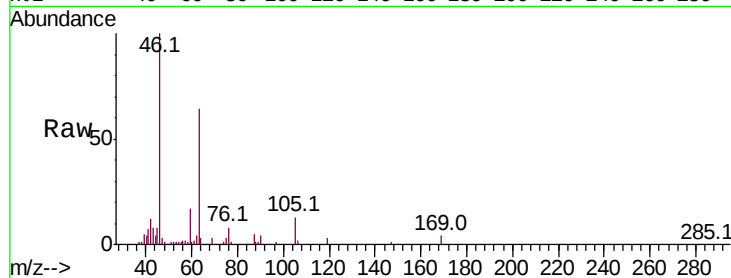




#49
2-Hexanone
Concen: 5.617 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW007319.D
Acq: 07 Dec 2018 20:59

Instrument :
MSVOA_W
ClientSampleId :
F9E17

Tot Ion: 43 Resp: 2712
Ion Ratio Lower Upper
43 100
58 0.9 47.2 70.8#
57 16.5 17.6 26.4#
100 3.5 12.2 18.2#



#59
1,2,3-Trichloropropane
Concen: 3.769 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW007319.D
Acq: 07 Dec 2018 20:59

Tgt Ion: 75 Resp: 2643
Ion Ratio Lower Upper
75 100
77 39.0 26.5 39.7

