

Data File : VW006898.D
Acq On : 15 Nov 2018 15:35
Operator : SY/AP
Sample : J5945-04
Misc : 5.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOA1

Quant Time: Nov 16 04:53:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 04:49:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	147810	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	138669	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	60491	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	29557	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
7) Chloroethane-d5	2.89	69	22413	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.00%
10) 1,1-Dichloroethene-d2	4.02	63	56733	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	7.09	46	34529	47.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.48%
24) Chloroform-d	7.65	84	68276	20.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.48%
26) 1,2-Dichloroethane-d4	8.31	65	44463	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.28%
29) Benzene-d6	8.28	84	150456	20.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.04%
33) 1,2-Dichloropropane-d6	9.28	67	46525	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.88%
37) Toluene-d8	10.33	98	152606	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.20%
38) trans-1,3-Dichloropropene-	10.58	79	20623	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.93	63	25791	46.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44641	23.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	48270	21.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.28%

Target Compounds

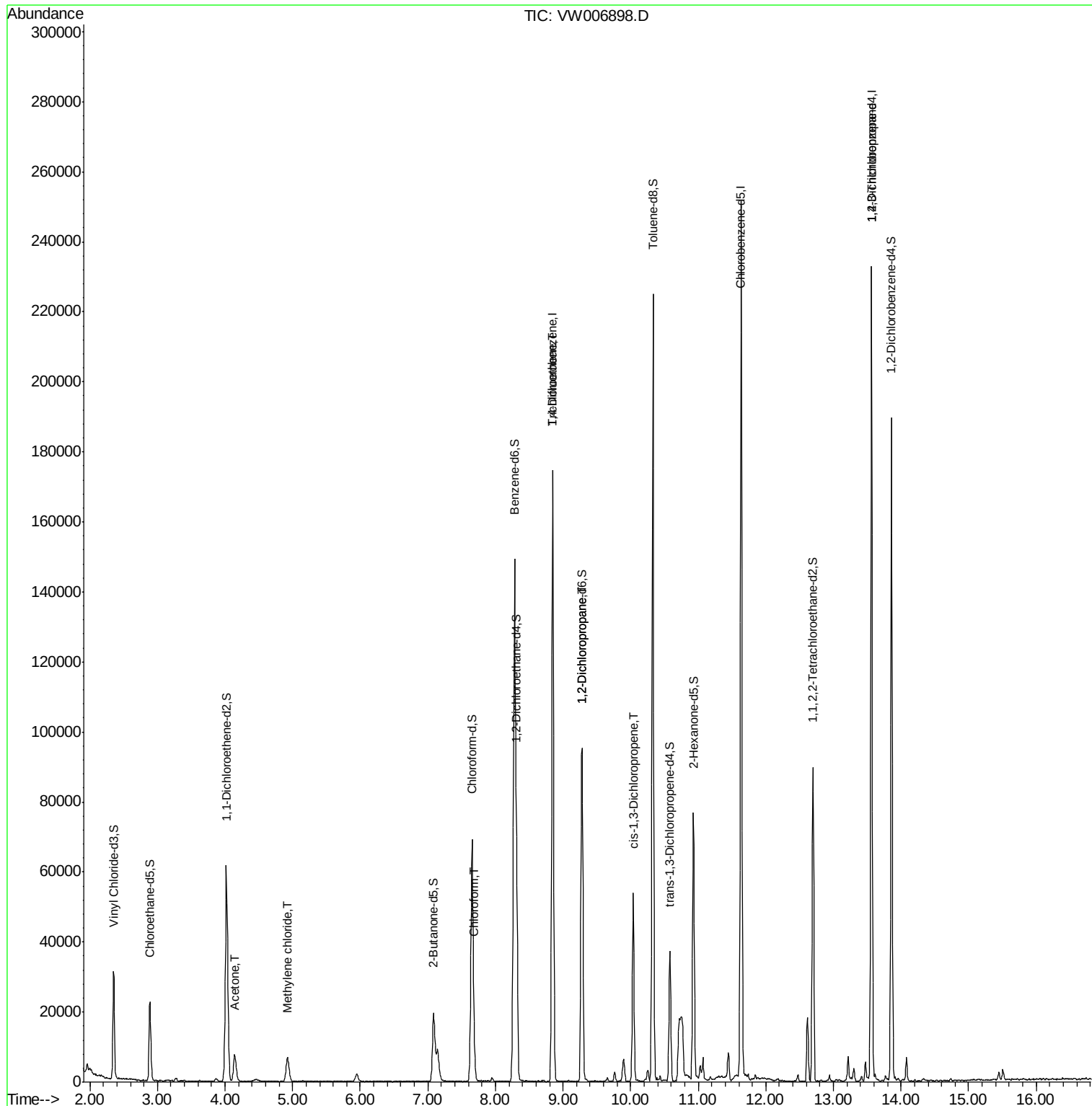
					Qvalue
13) Acetone	4.14	43	13614	29.220 ug/L	95
16) Methylene chloride	4.92	84	5496	2.126 ug/L	92
25) Chloroform	7.68	83	6014	1.653 ug/L	82
35) Trichloroethene	8.84	95	4313	2.042 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	5137	2.689 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1420	0.492 ug/L #	55
59) 1,2,3-Trichloropropene	13.56	75	7409	5.126 ug/L	92

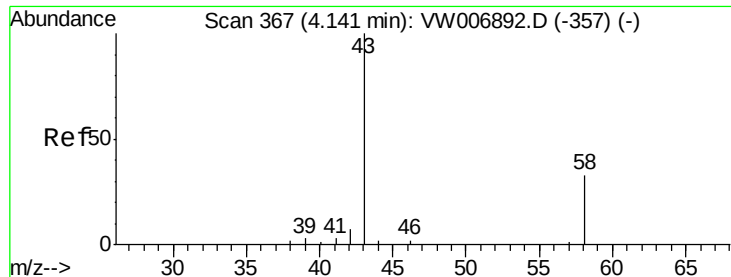
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.220 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006898.D

Acq: 15 Nov 2018 15:35

Instrument :

MSVOA_W

ClientSampled :

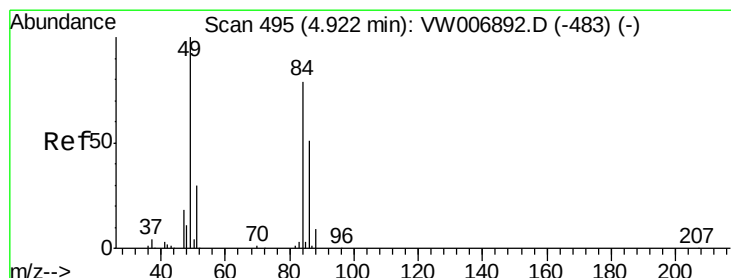
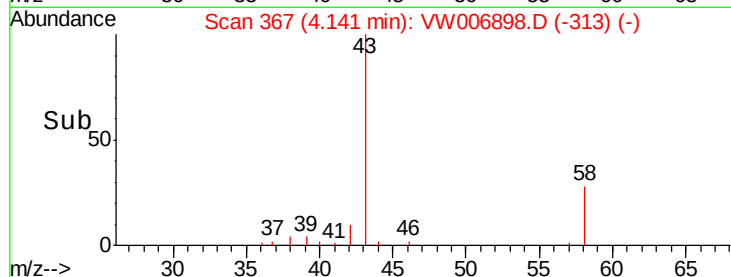
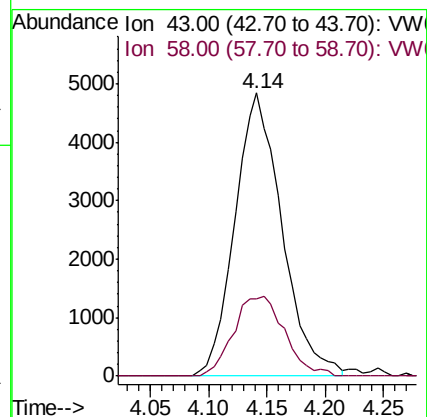
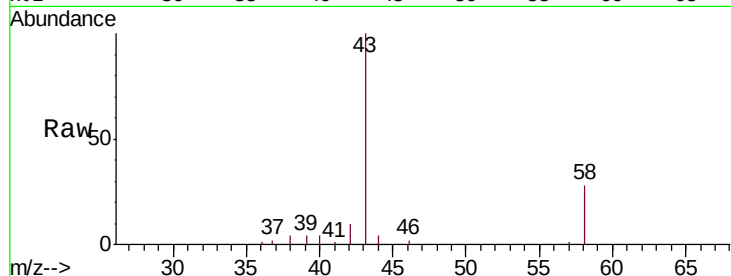
ETOA1

Tgt Ion: 43 Resp: 13614

Ion Ratio Lower Upper

43 100

58 29.9 0.0 65.6



#16

Methylene chloride

Concen: 2.126 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006898.D

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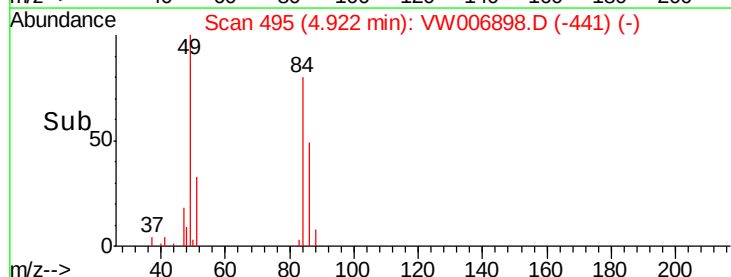
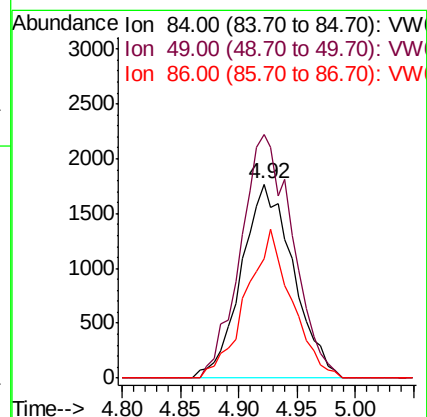
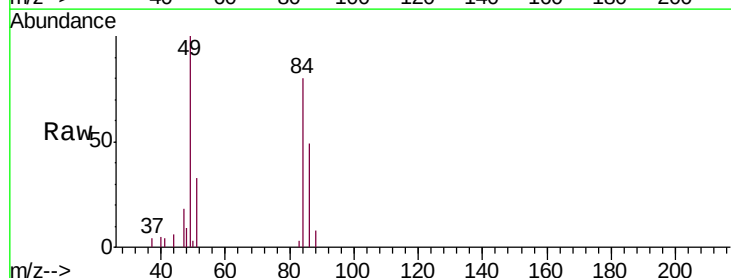
Tgt Ion: 84 Resp: 5496

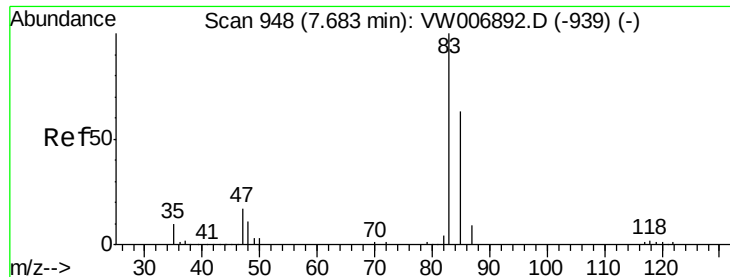
Ion Ratio Lower Upper

84 100

49 125.6 79.3 147.3

86 61.9 43.5 80.9

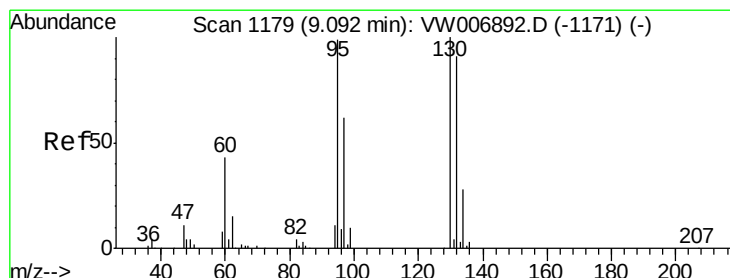
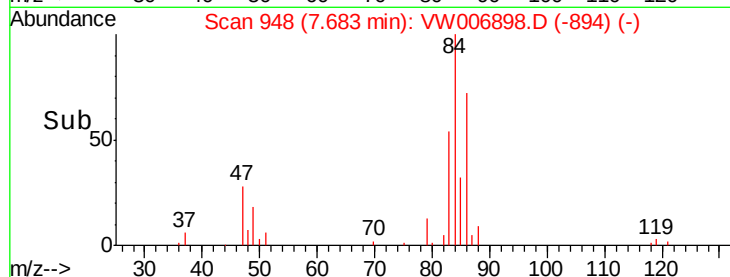
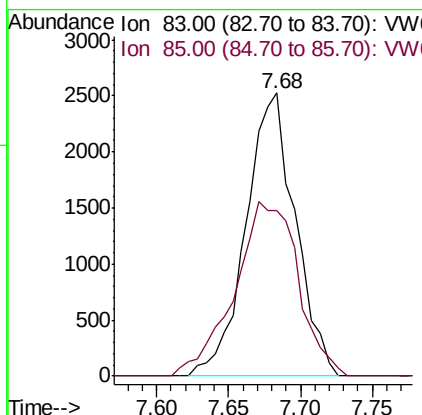
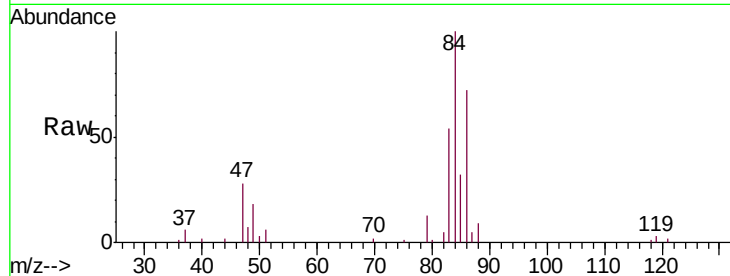




#25
Chloroform
Concen: 1.653 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006898.D
Acq: 15 Nov 2018 15:35

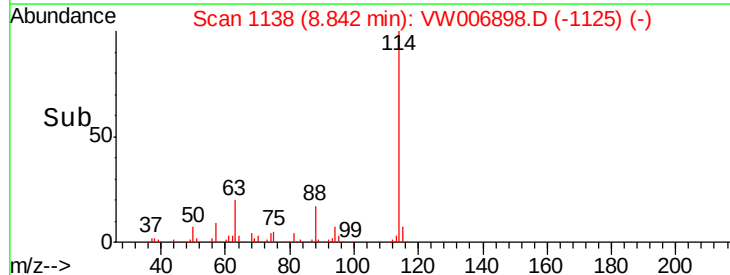
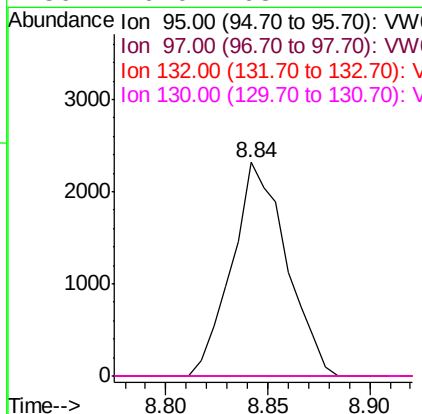
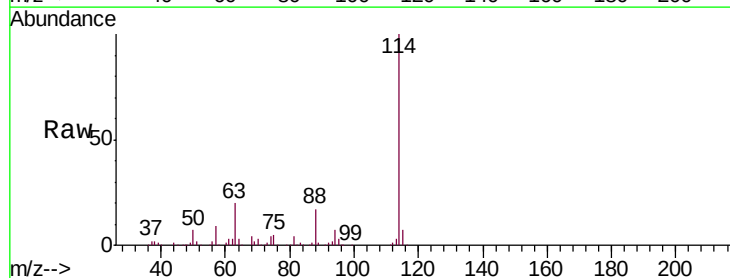
Instrument :
MSVOA_W
ClientSampleId :
ETOA1

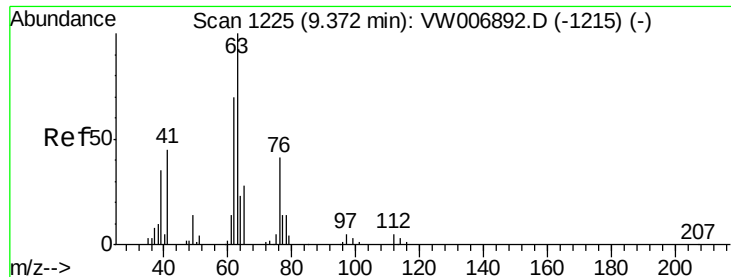
Tgt Ion: 83 Resp: 6014
Ion Ratio Lower Upper
83 100
85 79.1 45.4 84.2



#35
Trichloroethene
Concen: 2.042 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW006898.D
Acq: 15 Nov 2018 15:35

Tgt Ion: 95 Resp: 4313
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.9#
132 0.7 65.7 121.9#
130 0.0 68.7 127.7#





#40

1,2-Dichloropropane

Concen: 2.689 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006898.D

Acq: 15 Nov 2018 15:35

Instrument :

MSVOA_W

ClientSampled :

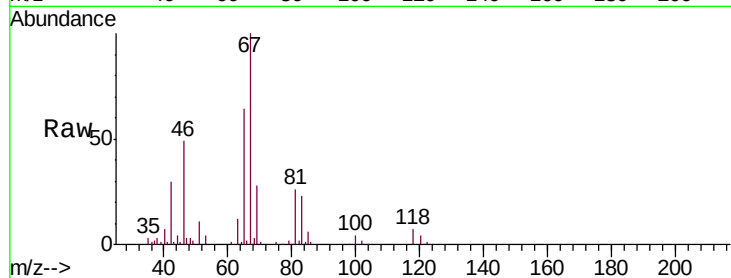
ETOA1

Tgt Ion: 63 Resp: 5137

Ion Ratio Lower Upper

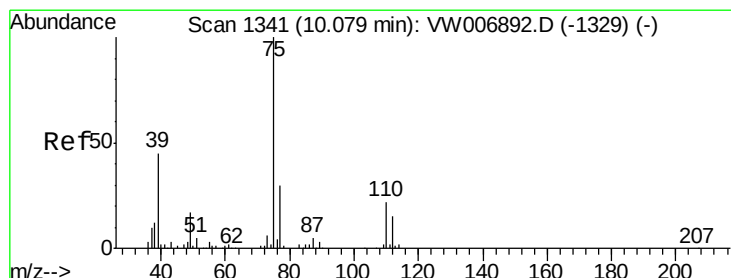
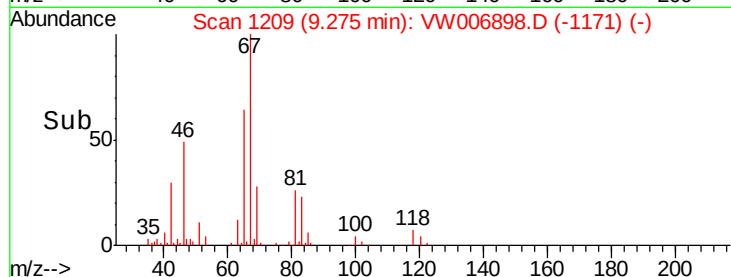
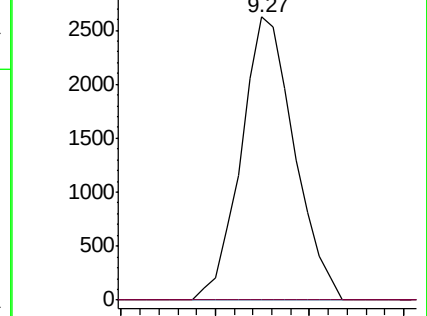
63 100

112 0.0 3.1 4.7#



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: 0.492 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006898.D

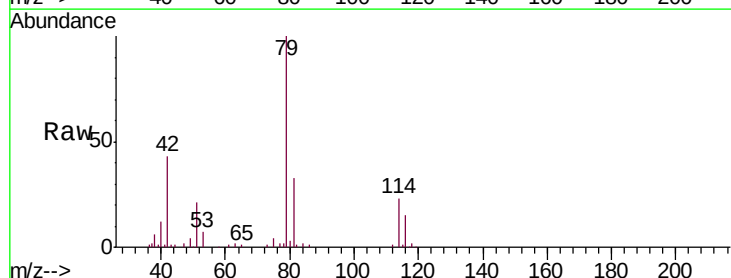
Acq: 15 Nov 2018 15:35

Tgt Ion: 75 Resp: 1420

Ion Ratio Lower Upper

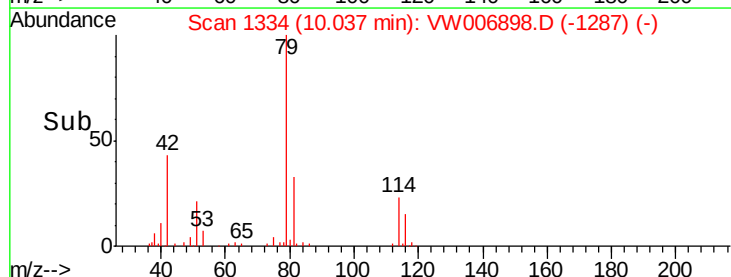
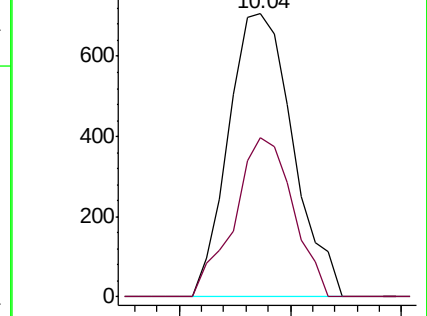
75 100

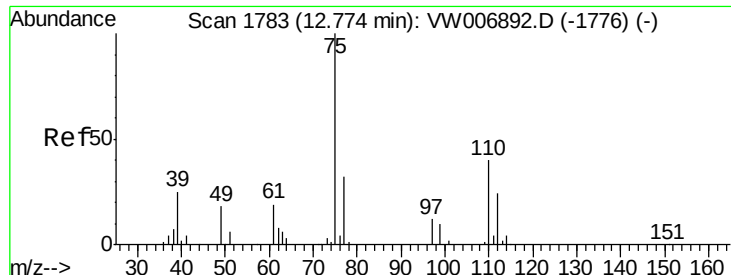
77 56.2 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.126 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006898.D

Acq: 15 Nov 2018 15:35

Instrument :

MSVOA_W

ClientSampleId :

ETOA1

Tgt Ion: 75 Resp: 7409

Ion Ratio Lower Upper

75 100

77 37.8 26.5 39.7

