

Data File : VW006895.D
Acq On : 15 Nov 2018 14:19
Operator : SY/AP
Sample : J5945-01
Misc : 6.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOAO

Quant Time: Nov 16 04:52:48 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	175374	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	168309	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	80212	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	39725	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
7) Chloroethane-d5	2.89	69	30769	27.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
10) 1,1-Dichloroethene-d2	4.02	63	78123	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.12%
20) 2-Butanone-d5	7.09	46	39194	45.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.36%
24) Chloroform-d	7.65	84	94776	24.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	8.31	65	61572	28.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.40%
29) Benzene-d6	8.28	84	208288	23.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.68%
33) 1,2-Dichloropropane-d6	9.28	67	64599	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	10.33	98	212999	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.56%
38) trans-1,3-Dichloropropene-	10.58	79	29122	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.68%
39) 2-Hexanone-d5	10.93	63	30680	45.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	58866	25.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	72672	23.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.68%

Target Compounds

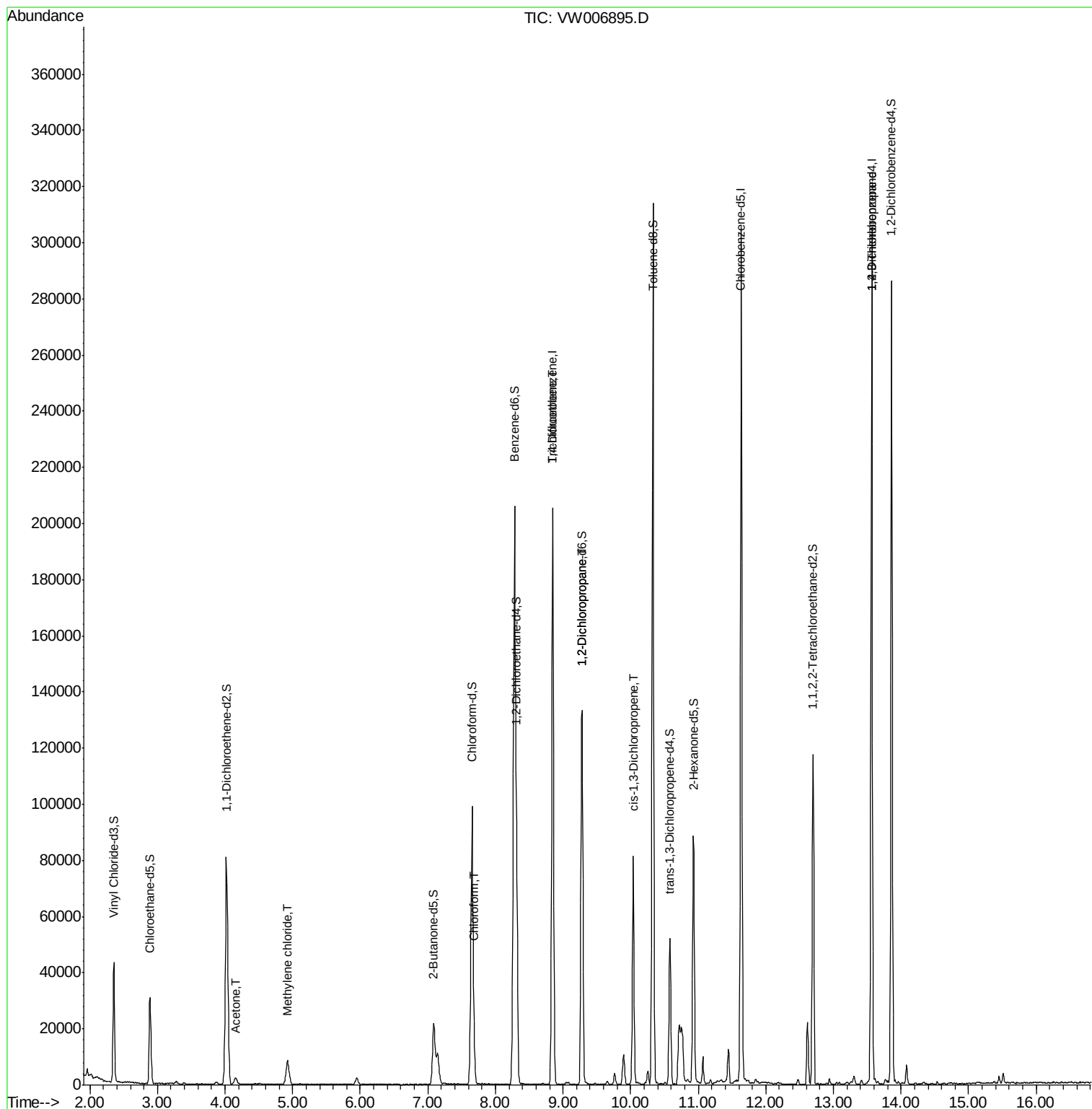
					Qvalue
13) Acetone	4.15	43	3172	5.738 ug/L	62
16) Methylene chloride	4.93	84	6907	2.252 ug/L	93
25) Chloroform	7.68	83	7966	1.845 ug/L	81
35) Trichloroethene	8.85	95	5269	2.055 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	6960	3.001 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1813	0.518 ug/L #	39
59) 1,2,3-Trichloropropene	13.57	75	9517	5.425 ug/L	91

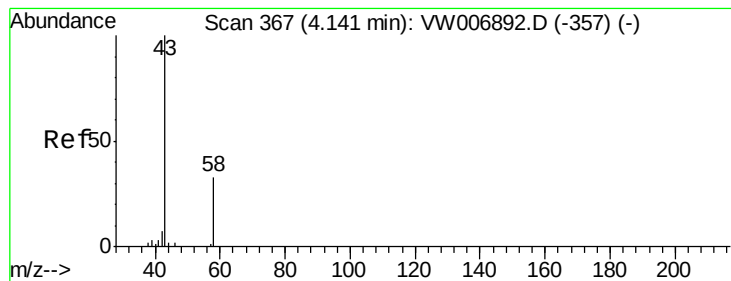
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.738 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006895.D

Acq: 15 Nov 2018 14:19

Instrument :

MSVOA_W

ClientSampled :

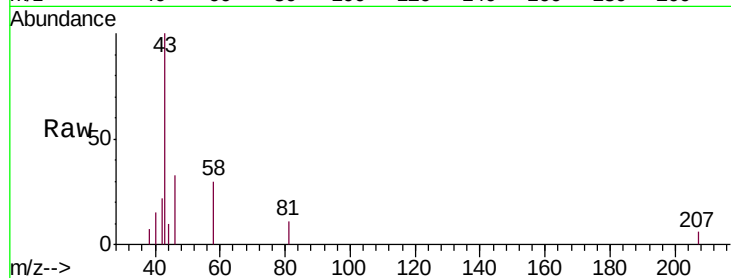
ETOAO

Tgt Ion: 43 Resp: 3172

Ion Ratio Lower Upper

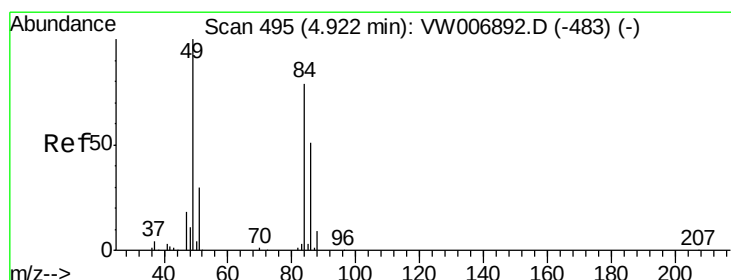
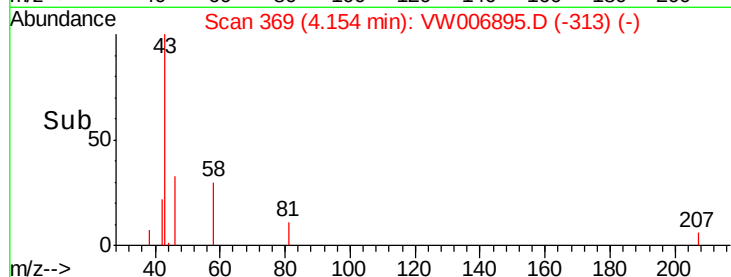
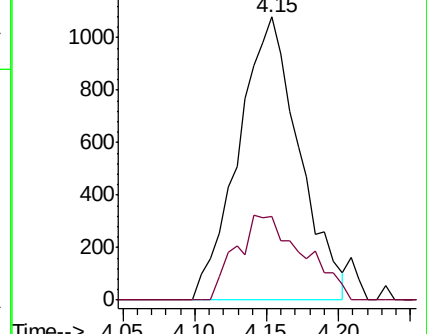
43 100

58 11.4 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.252 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006895.D

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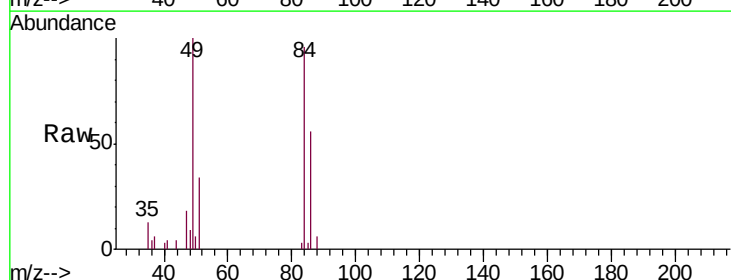
Tgt Ion: 84 Resp: 6907

Ion Ratio Lower Upper

84 100

49 104.0 79.3 147.3

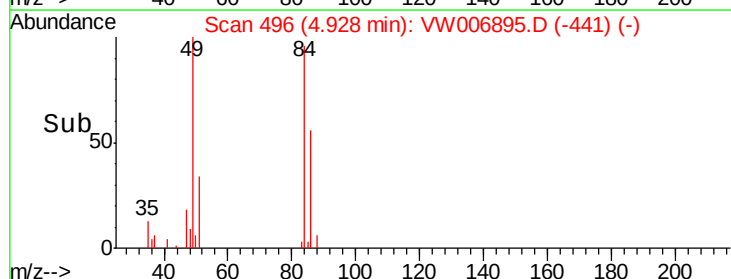
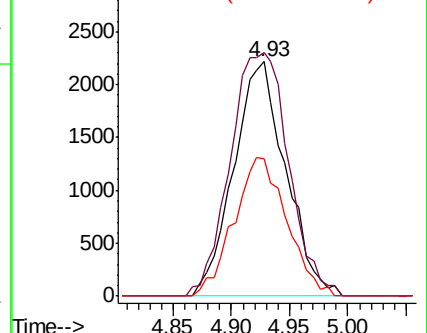
86 58.6 43.5 80.9

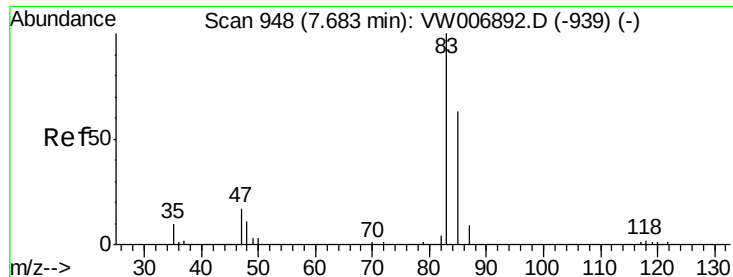


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

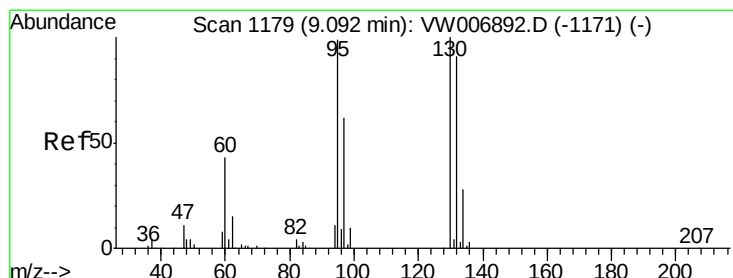
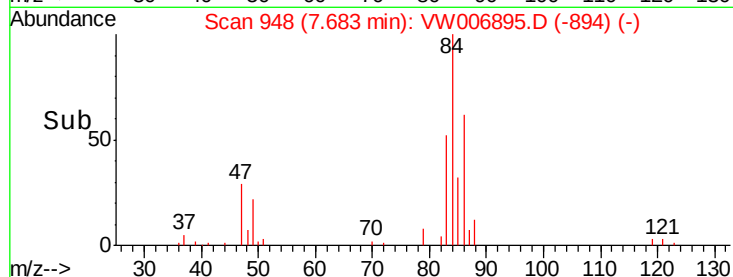
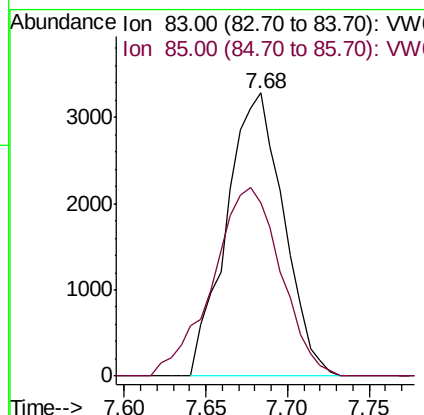
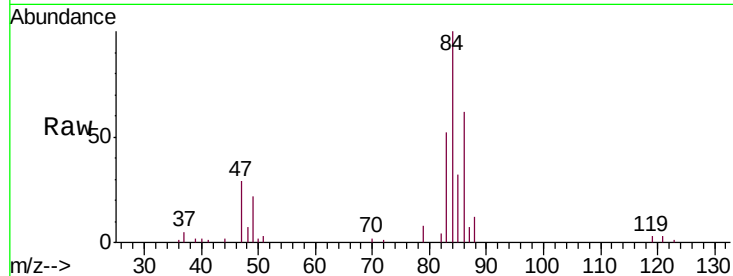




#25
Chloroform
Concen: 1.845 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006895.D
Acq: 15 Nov 2018 14:19

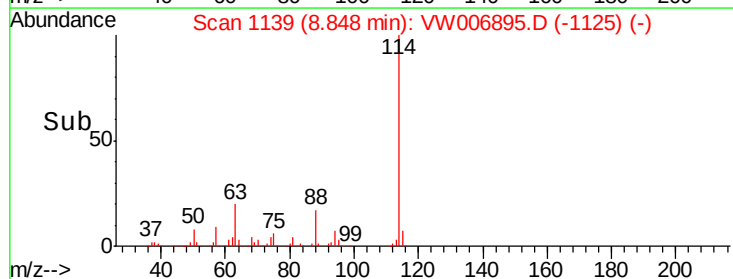
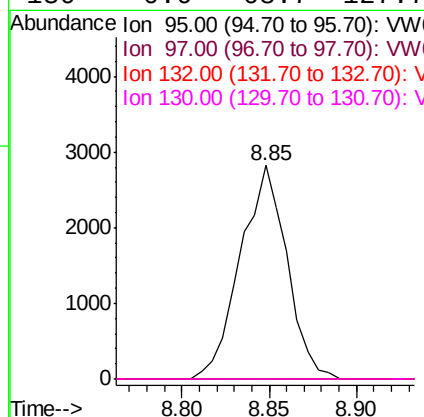
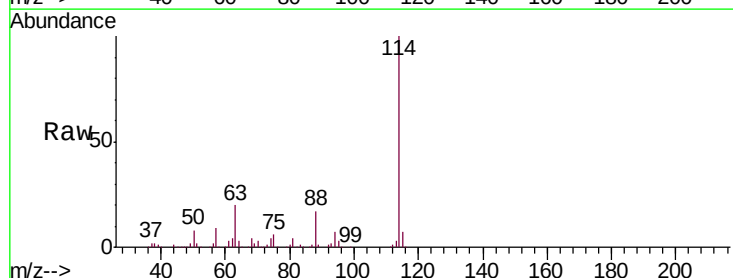
Instrument :
MSVOA_W
ClientSampleId :
ETOAO

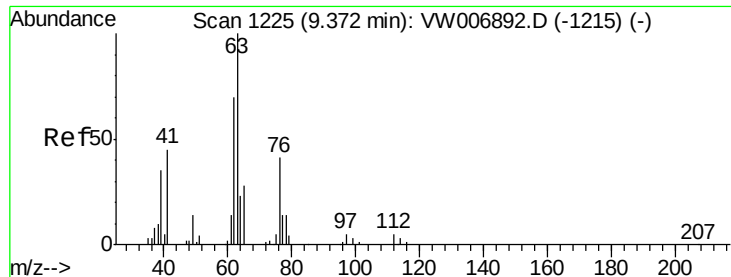
Tgt Ion: 83 Resp: 7966
Ion Ratio Lower Upper
83 100
85 79.8 45.4 84.2



#35
Trichloroethene
Concen: 2.055 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW006895.D
Acq: 15 Nov 2018 14:19

Tgt Ion: 95 Resp: 5269
Ion Ratio Lower Upper
95 100
97 0.0 45.1 83.9#
132 0.0 65.7 121.9#
130 0.0 68.7 127.7#





#40

1,2-Dichloropropane

Concen: 3.001 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006895.D

Acq: 15 Nov 2018 14:19

Instrument :

MSVOA_W

ClientSampled :

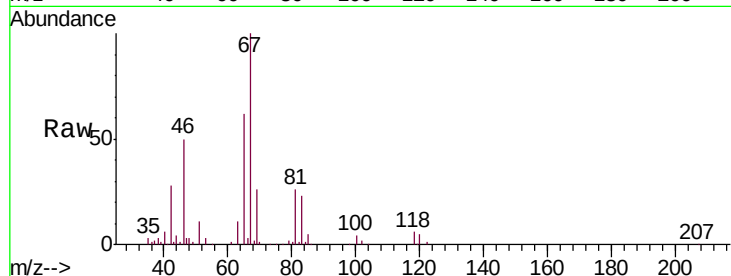
ETOA0

Tgt Ion: 63 Resp: 6960

Ion Ratio Lower Upper

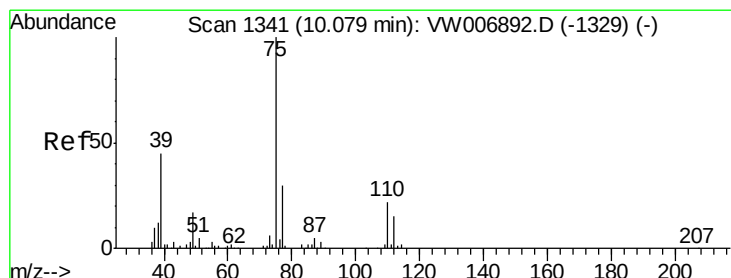
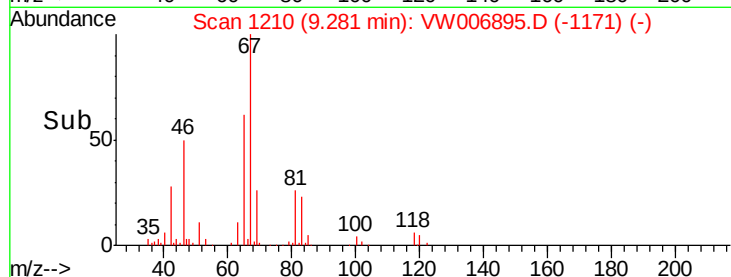
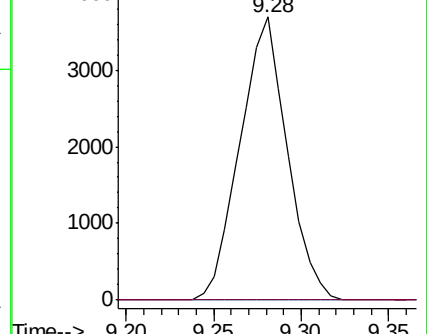
63 100

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: 0.518 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006895.D

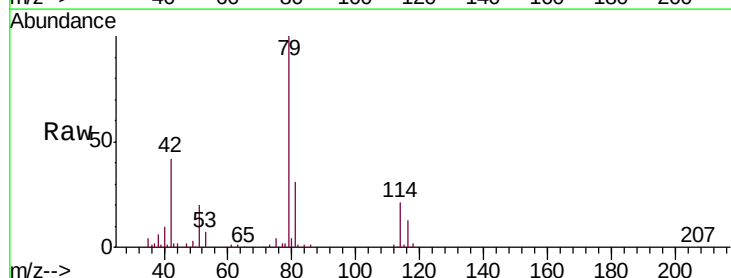
Acq: 15 Nov 2018 14:19

Tgt Ion: 75 Resp: 1813

Ion Ratio Lower Upper

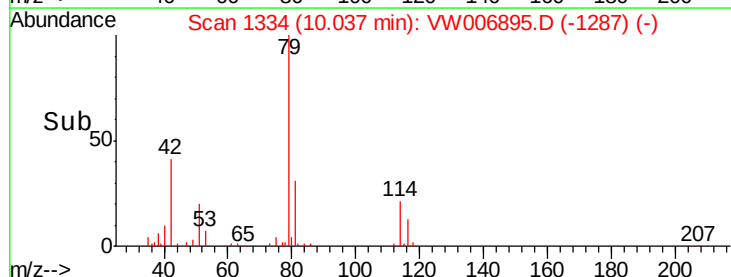
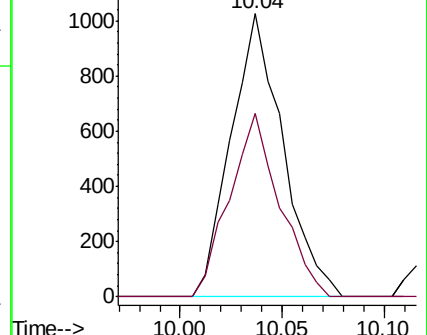
75 100

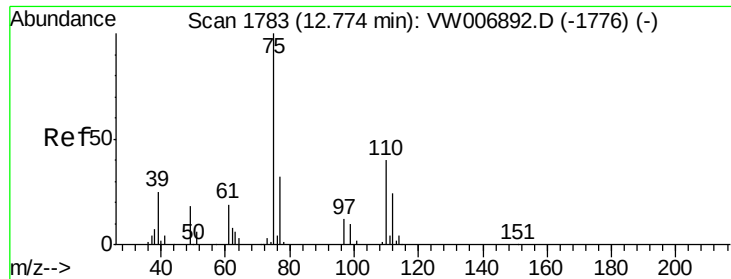
77 65.0 21.9 40.7#



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: 5.425 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006895.D

Acq: 15 Nov 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

ETOAO

Tgt Ion: 75 Resp: 9517

Ion Ratio Lower Upper

75 100

77 38.4 26.5 39.7

