

Data File : VW006940.D
Acq On : 19 Nov 2018 12:33
Operator : SY/AP
Sample : J5979-02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETO65

Quant Time: Nov 20 06:21:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 20 06:18:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	129276	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	113362	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	43760	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26265	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	2.89	69	20563	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
10) 1,1-Dichloroethene-d2	4.02	63	53735	17.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.12%
20) 2-Butanone-d5	7.09	46	19196	30.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.70%
24) Chloroform-d	7.65	84	70647	24.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	8.31	65	41038	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.64%
29) Benzene-d6	8.27	84	143116	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.27	67	43395	23.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.68%
37) Toluene-d8	10.32	98	142176	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.58	79	16719	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.93	63	14704	32.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29827	19.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	35449	21.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.56%

Target Compounds

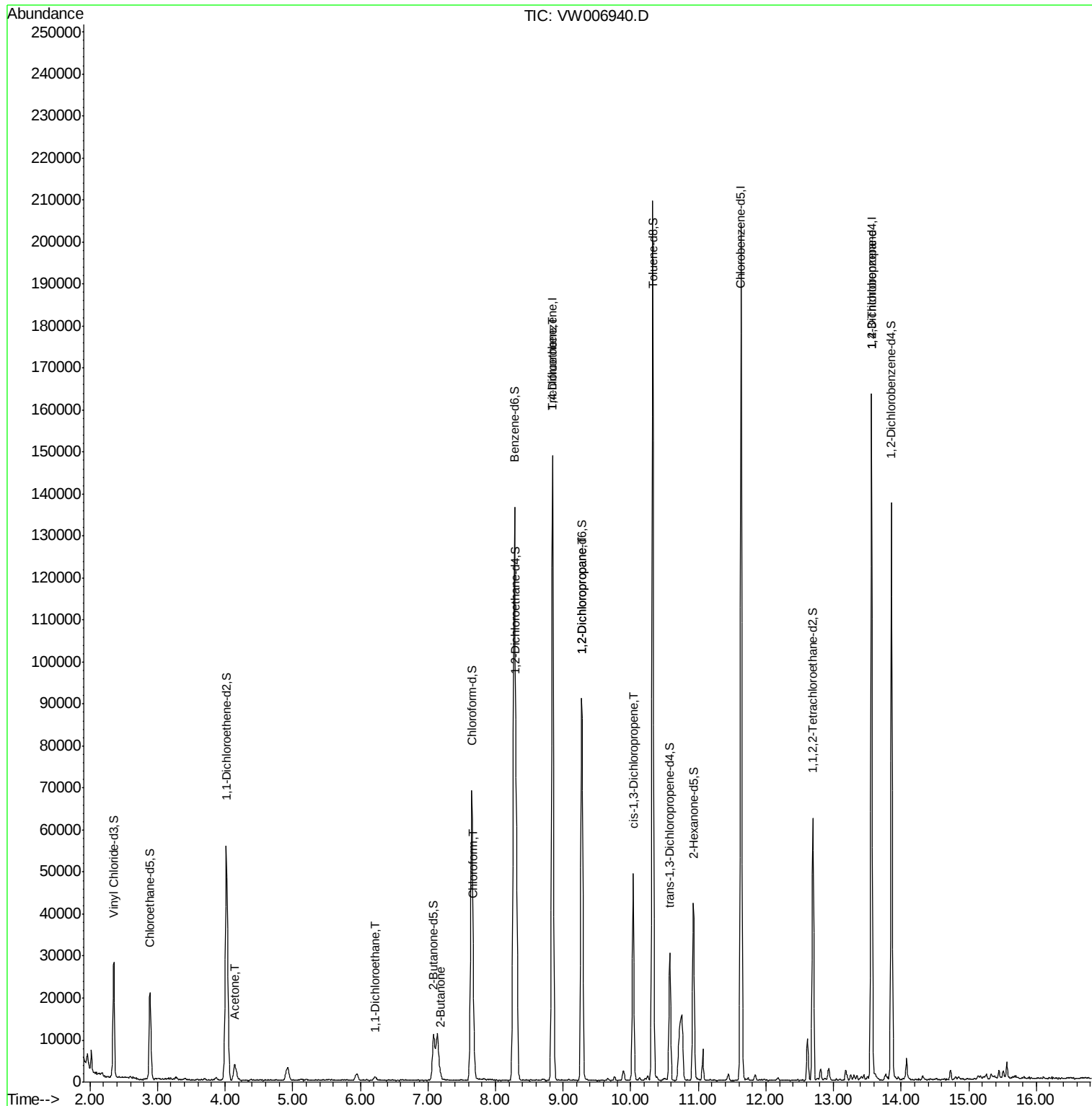
					Qvalue
13) Acetone	4.14	43	6846	16.801 ug/L	95
19) 1,1-Dichloroethane	6.22	63	1176	0.427 ug/L	93
21) 2-Butanone	7.19	43	1072	1.525 ug/L	88
25) Chloroform	7.68	83	2965	0.932 ug/L	97
35) Trichloroethene	8.84	95	4087	2.367 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	4739	3.034 ug/L #	88
42) cis-1,3-Dichloropropene	10.03	75	1190	0.505 ug/L	90
59) 1,2,3-Trichloropropane	13.57	75	5091	4.309 ug/L	90

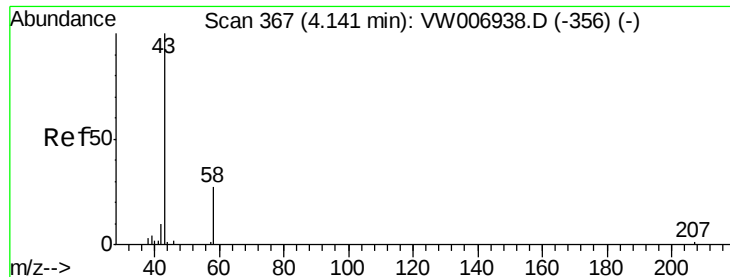
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.801 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

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Acq: 19 Nov 2018 12:33

Instrument :

MSVOA_W

ClientSampled :

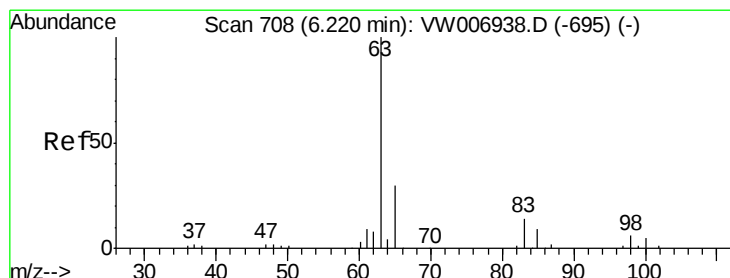
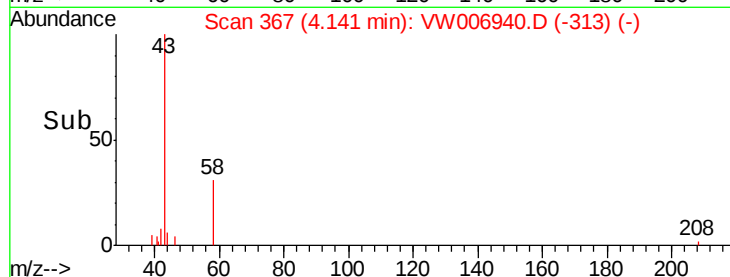
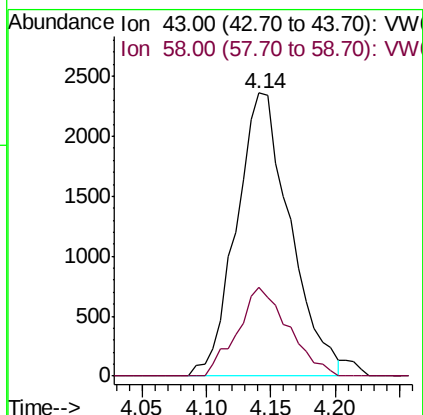
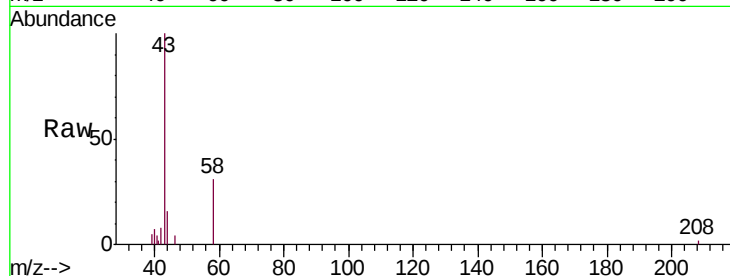
ETO65

Tgt Ion: 43 Resp: 6846

Ion Ratio Lower Upper

43 100

58 29.9 0.0 65.6



#19

1,1-Dichloroethane

Concen: 0.427 ug/L

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006940.D

Acq: 19 Nov 2018 12:33

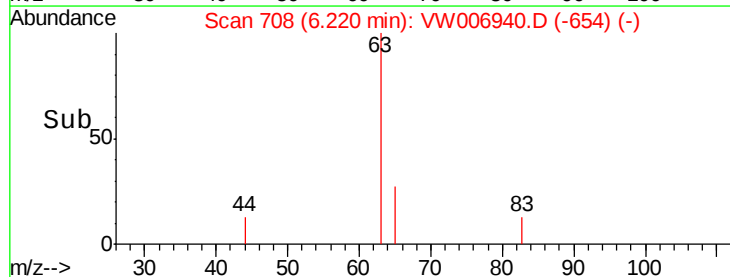
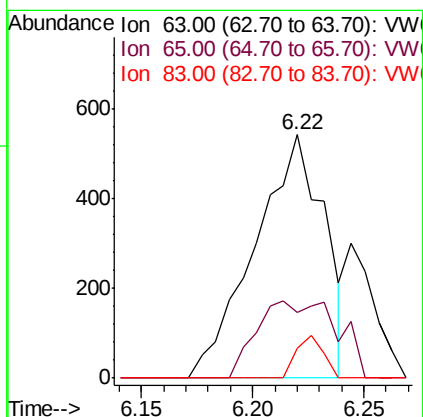
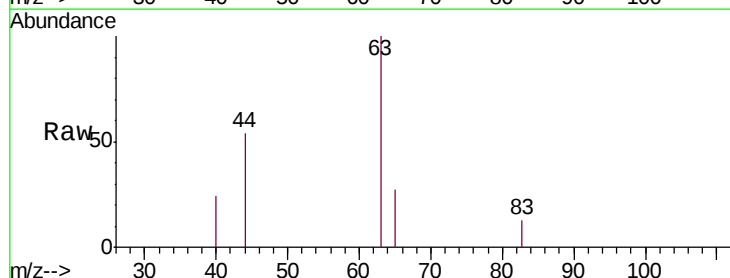
Tgt Ion: 63 Resp: 1176

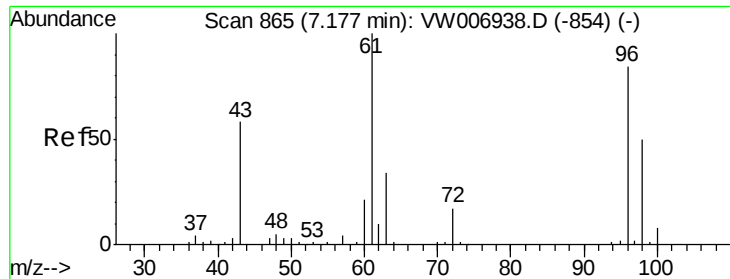
Ion Ratio Lower Upper

63 100

65 26.9 22.0 41.0

83 12.5 9.5 17.7





#21

2-Butanone

Concen: 1.525 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006940.D

Acq: 19 Nov 2018 12:33

Instrument :

MSVOA_W

ClientSampled :

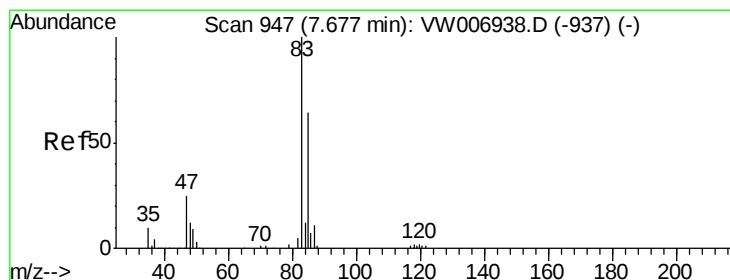
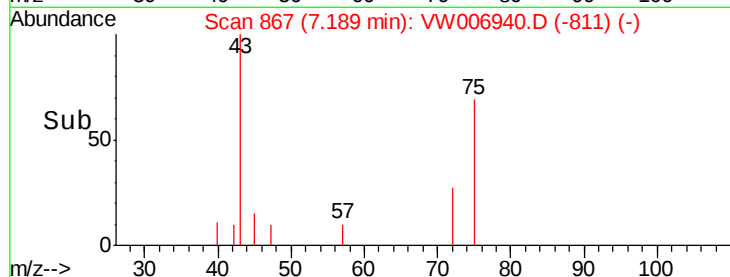
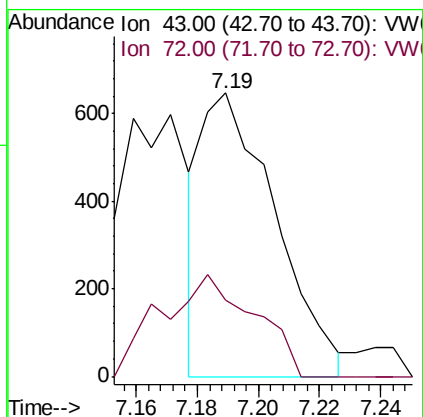
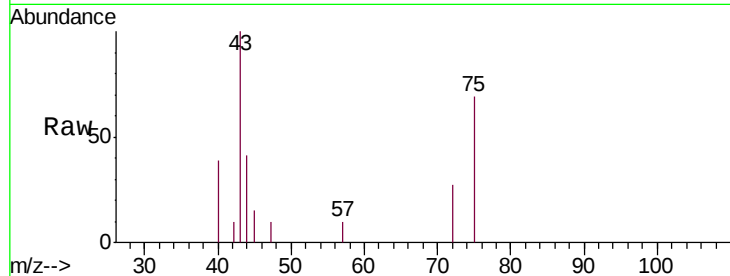
ETO65

Tgt Ion: 43 Resp: 1072

Ion Ratio Lower Upper

43 100

72 33.0 13.5 40.5



#25

Chloroform

Concen: 0.932 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW006940.D

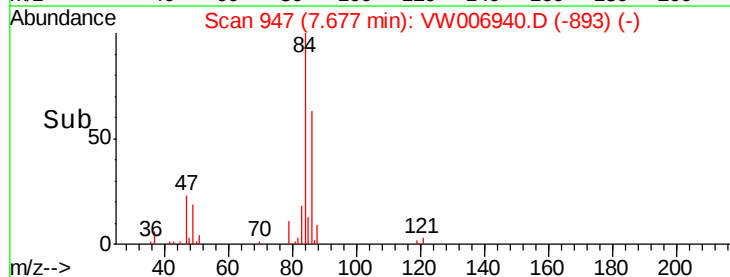
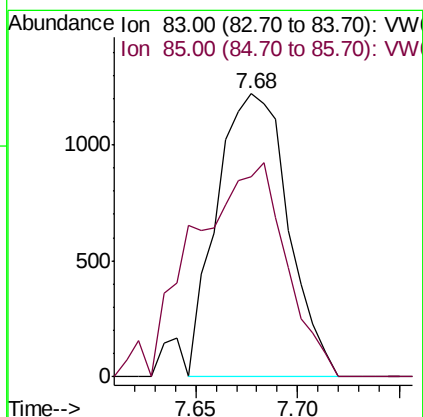
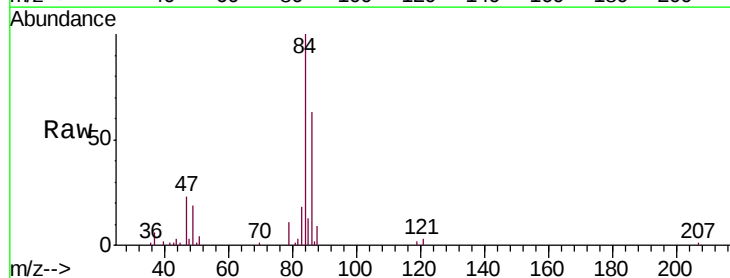
Acq: 19 Nov 2018 12:33

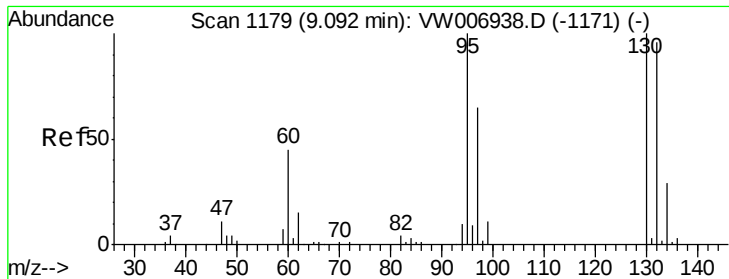
Tgt Ion: 83 Resp: 2965

Ion Ratio Lower Upper

83 100

85 62.6 45.4 84.2





#35

Trichloroethene

Concen: 2.367 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006940.D

Acq: 19 Nov 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

ETO65

Tgt Ion: 95 Resp: 4087

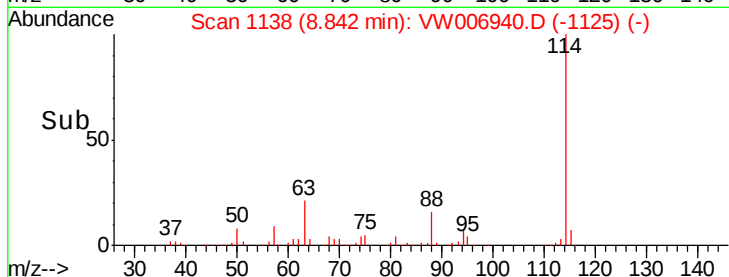
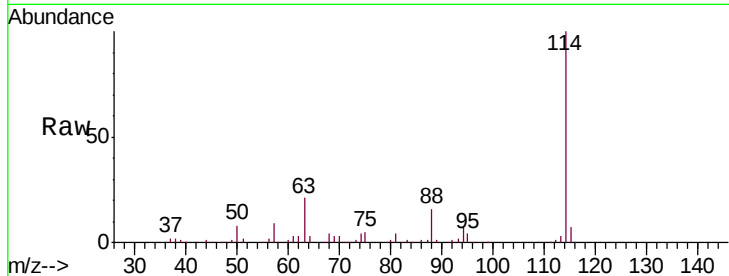
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

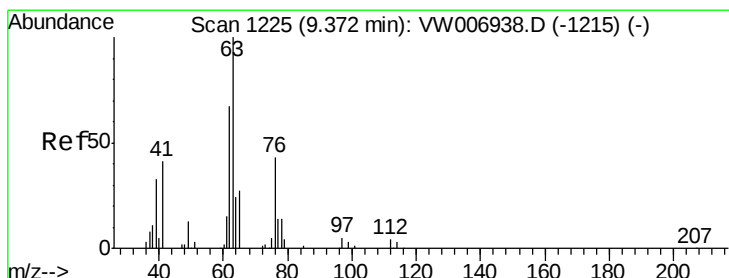
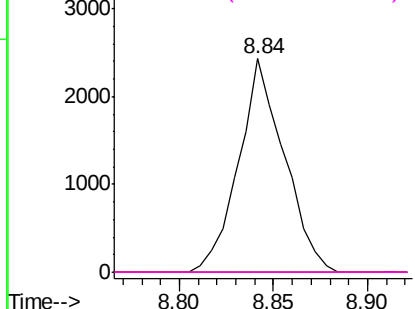


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.034 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006940.D

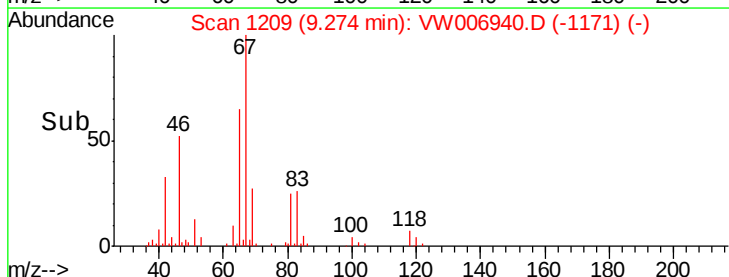
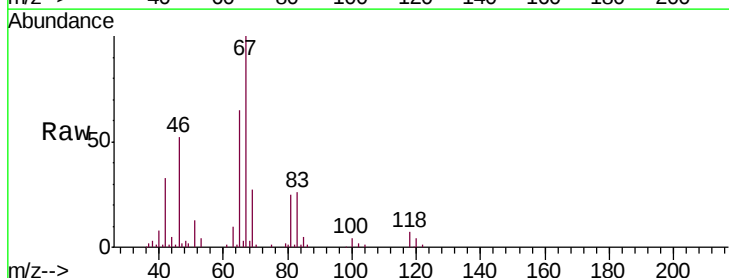
Acq: 19 Nov 2018 12:33

Tgt Ion: 63 Resp: 4739

Ion Ratio Lower Upper

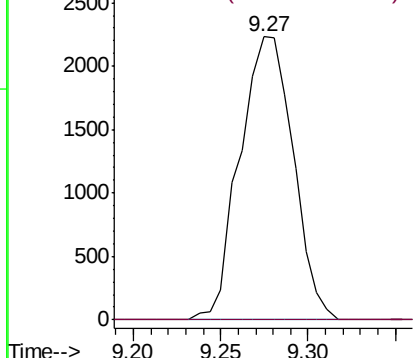
63 100

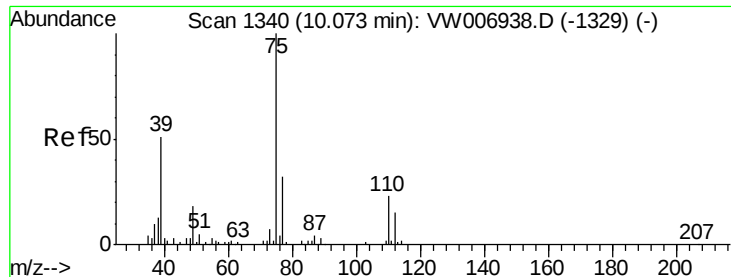
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.505 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW006940.D

Acq: 19 Nov 2018 12:33

Instrument :

MSVOA_W

ClientSampleId :

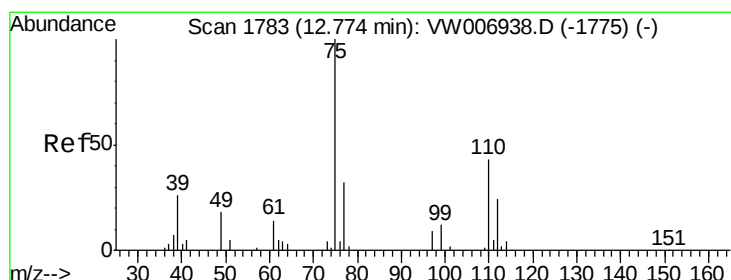
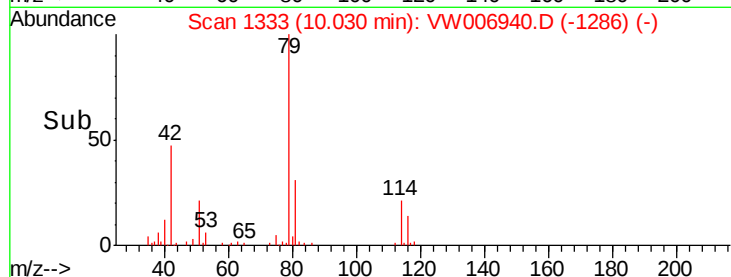
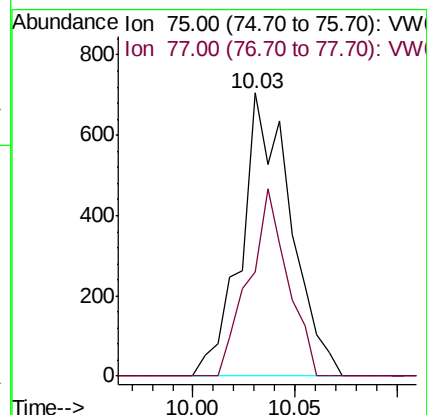
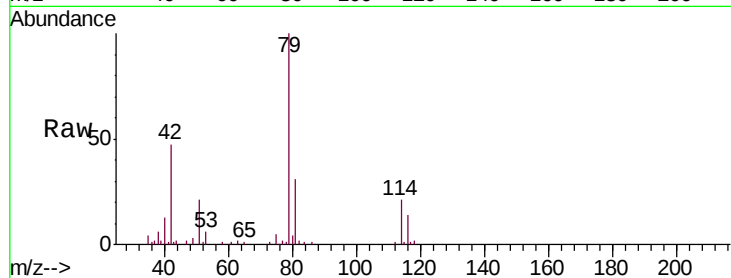
ETO65

Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

75 100

77 36.7 21.9 40.7



#59

1,2,3-Trichloropropane

Concen: 4.309 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW006940.D

Acq: 19 Nov 2018 12:33

Tgt Ion: 75 Resp: 5091

Ion Ratio Lower Upper

75 100

77 38.9 26.5 39.7

