

Data File : VW006907.D
Acq On : 15 Nov 2018 19:27
Operator : SY/AP
Sample : J5944-13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETHS6

Quant Time: Nov 16 04:55:16 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	176242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	168834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	77423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	37327	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.40%
7) Chloroethane-d5	2.89	69	28587	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.56%
10) 1,1-Dichloroethene-d2	4.02	63	73859	17.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.68%
20) 2-Butanone-d5	7.09	46	29631	34.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.72%
24) Chloroform-d	7.65	84	93232	23.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	8.31	65	57650	26.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.72%
29) Benzene-d6	8.28	84	203922	23.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.44%
33) 1,2-Dichloropropane-d6	9.28	67	62193	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.08%
37) Toluene-d8	10.33	98	211754	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	25961	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.93	63	24188	35.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	49180	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	68068	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

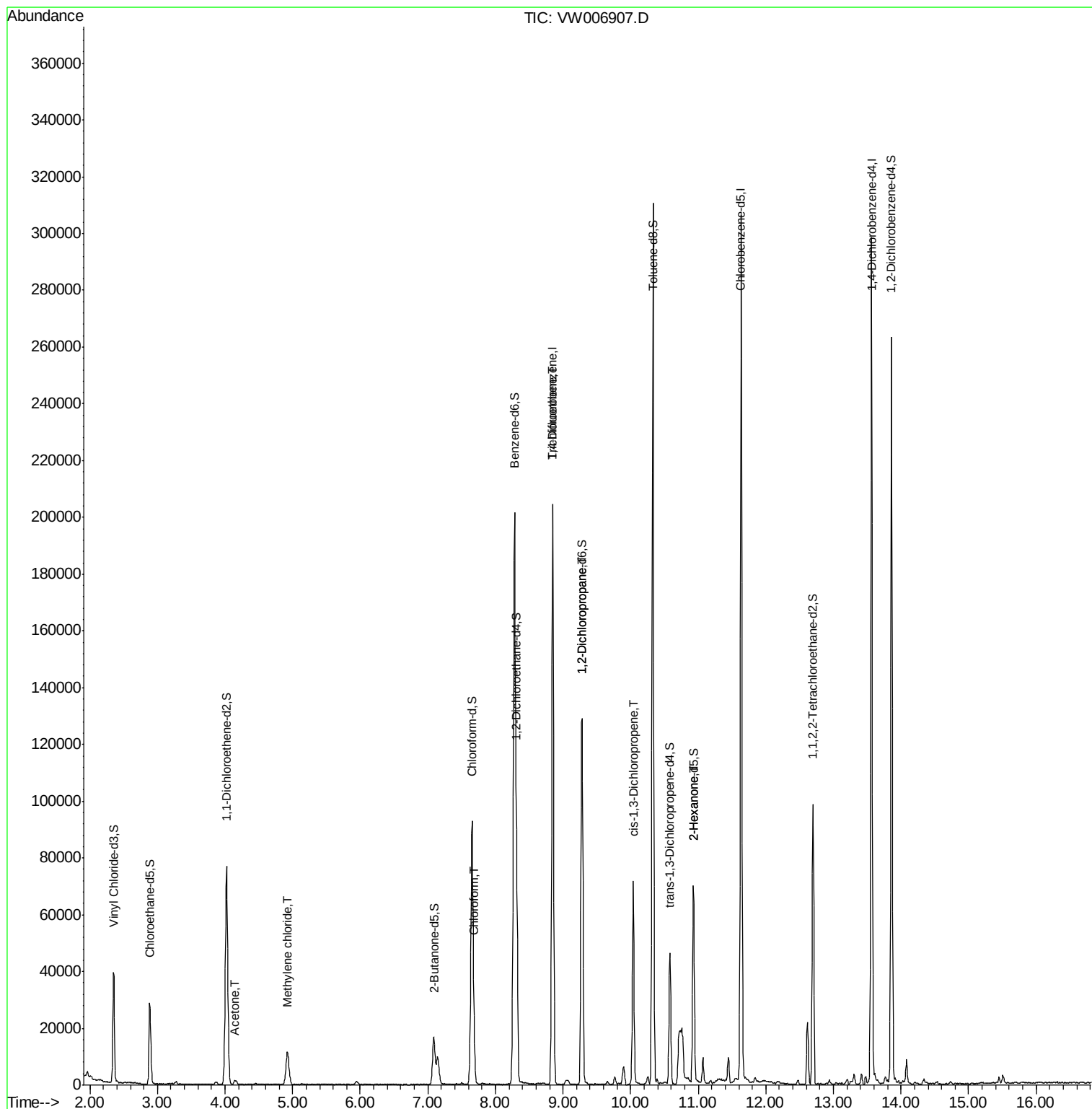
					Qvalue
13) Acetone	4.14	43	1163	2.094 ug/L	77
16) Methylene chloride	4.93	84	9288	3.014 ug/L	97
25) Chloroform	7.68	83	8502	1.960 ug/L	88
35) Trichloroethene	8.85	95	5185	2.016 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	6741	2.898 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1839	0.524 ug/L #	81
49) 2-Hexanone	10.93	43	2815	2.086 ug/L #	68

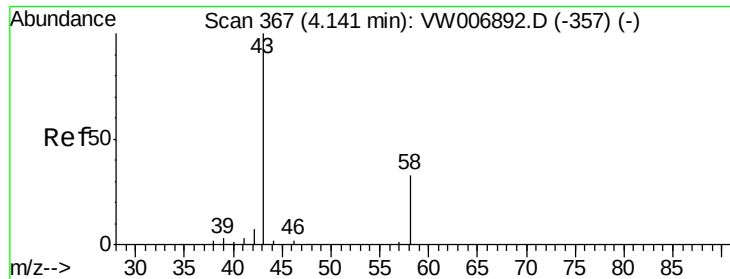
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.094 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

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Acq: 15 Nov 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

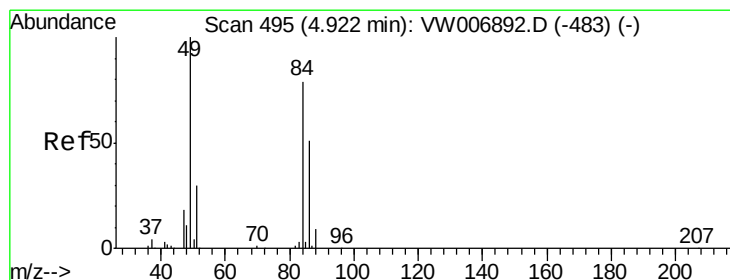
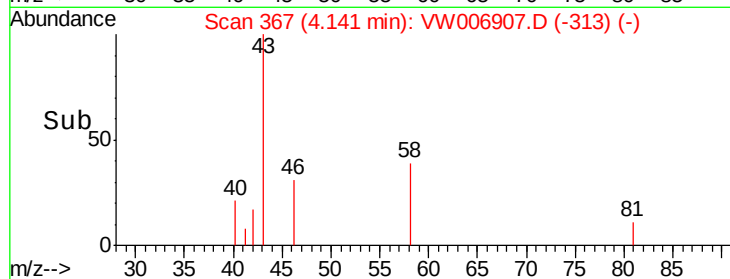
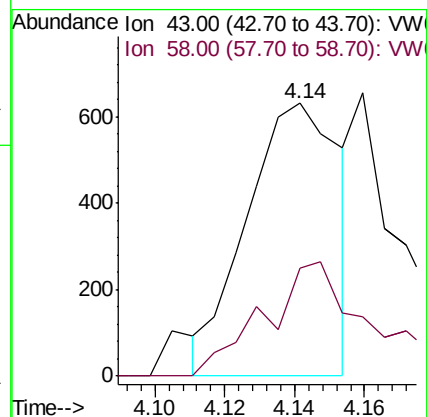
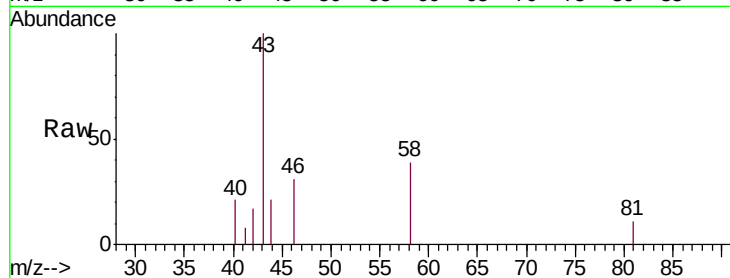
ETHS6

Tgt Ion: 43 Resp: 1163

Ion Ratio Lower Upper

43 100

58 45.9 0.0 65.6



#16

Methylene chloride

Concen: 3.014 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006907.D

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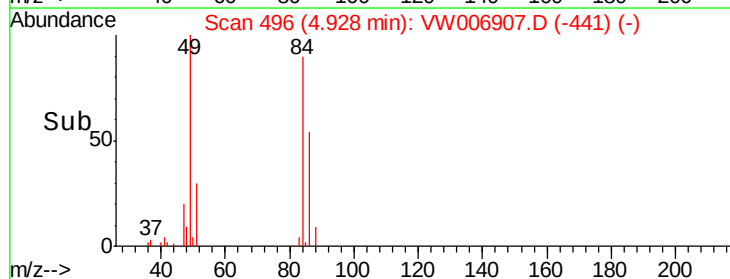
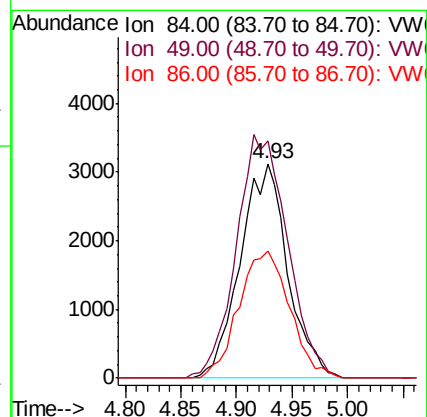
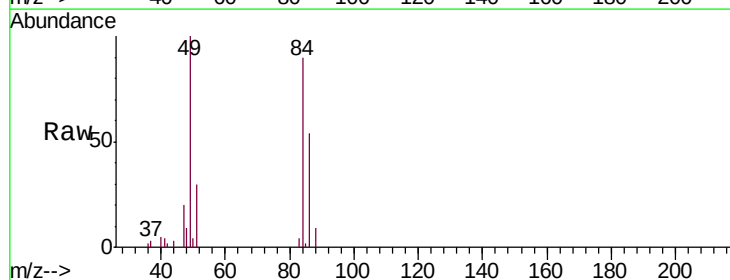
Tgt Ion: 84 Resp: 9288

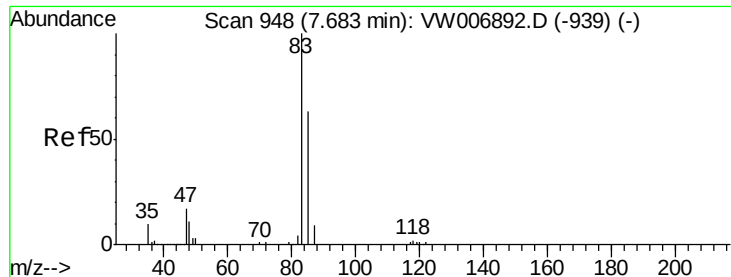
Ion Ratio Lower Upper

84 100

49 110.7 79.3 147.3

86 59.6 43.5 80.9





#25

Chloroform

Concen: 1.960 ug/L

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW006907.D

Acq: 15 Nov 2018 19:27

Instrument :

MSVOA_W

ClientSampleId :

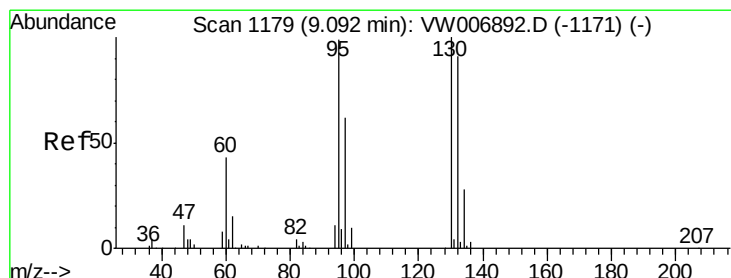
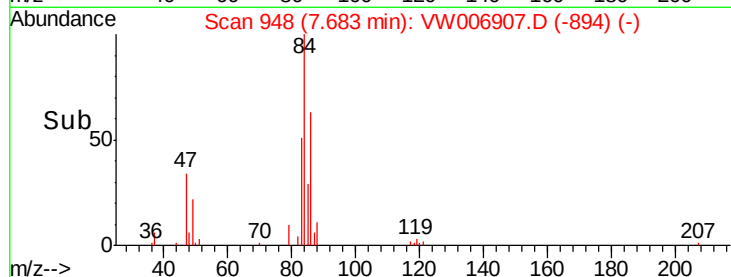
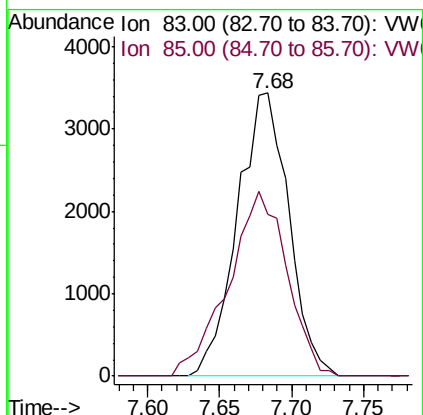
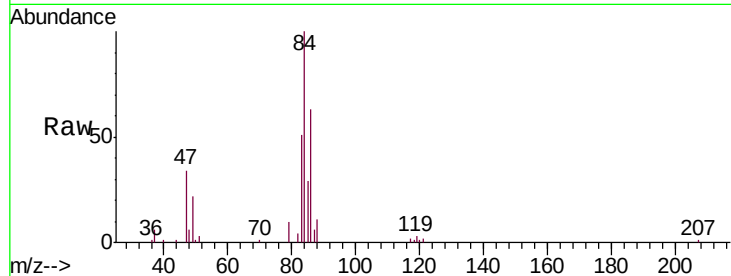
ETHS6

Tgt Ion: 83 Resp: 8502

Ion Ratio Lower Upper

83 100

85 74.4 45.4 84.2



#35

Trichloroethene

Concen: 2.016 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006907.D

Acq: 15 Nov 2018 19:27

Tgt Ion: 95 Resp: 5185

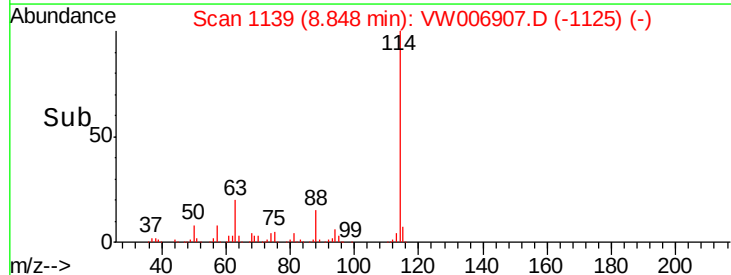
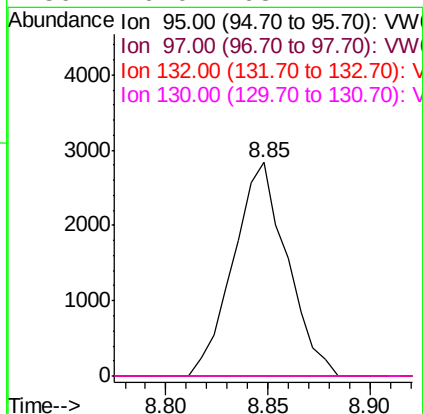
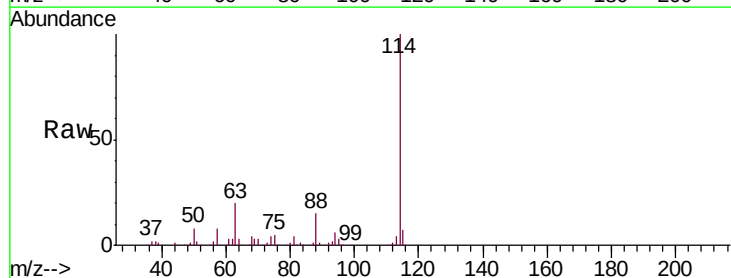
Ion Ratio Lower Upper

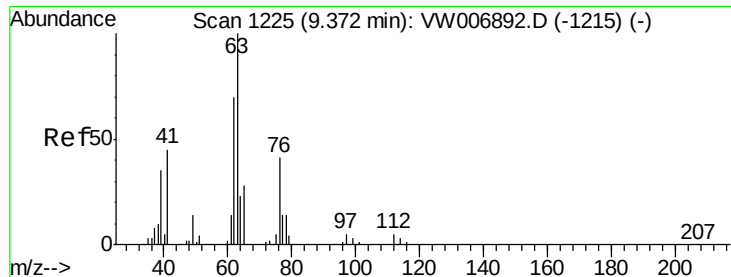
95 100

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: 2.898 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006907.D

Acq: 15 Nov 2018 19:27

Instrument :

MSVOA_W

ClientSampled :

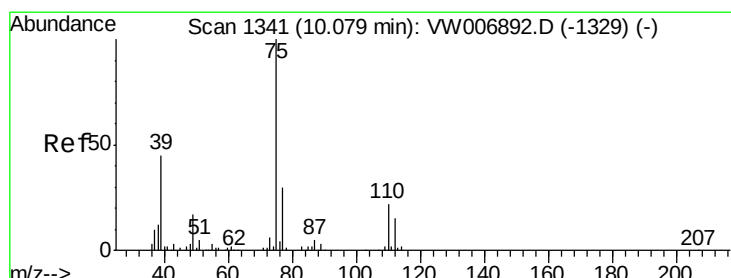
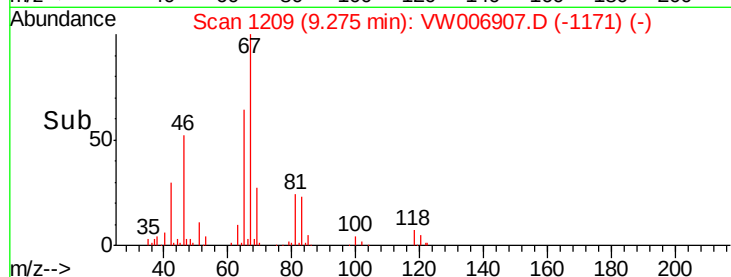
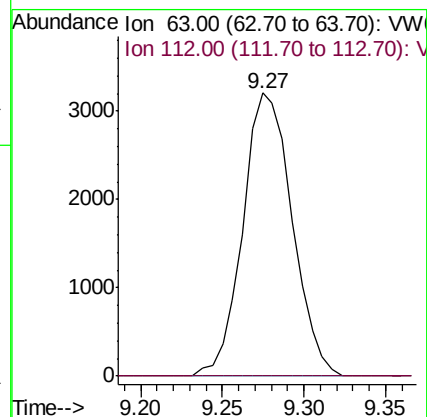
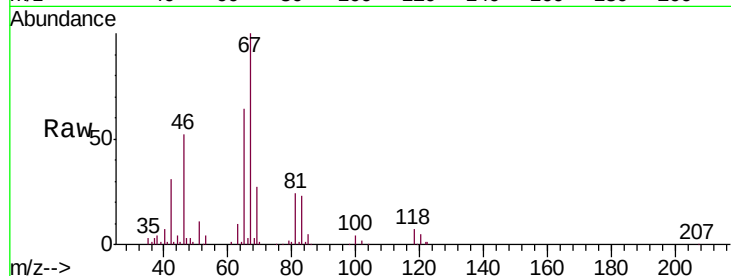
ETHS6

Tgt Ion: 63 Resp: 6741

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#42

cis-1,3-Dichloropropene

Concen: 0.524 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006907.D

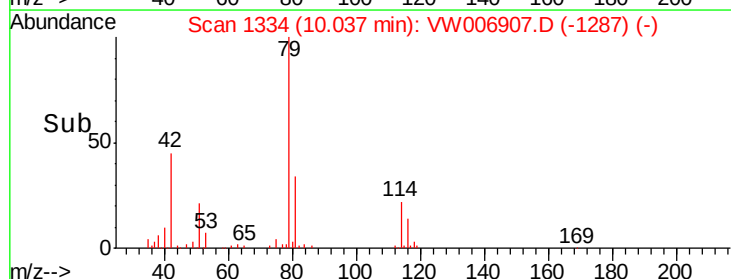
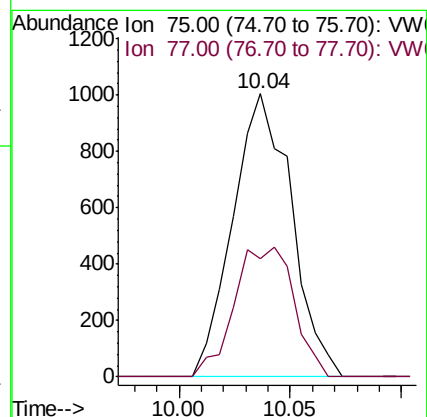
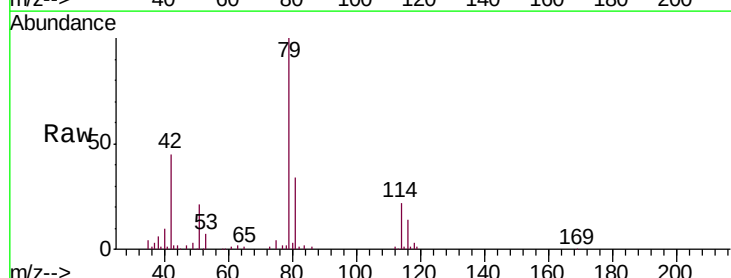
Acq: 15 Nov 2018 19:27

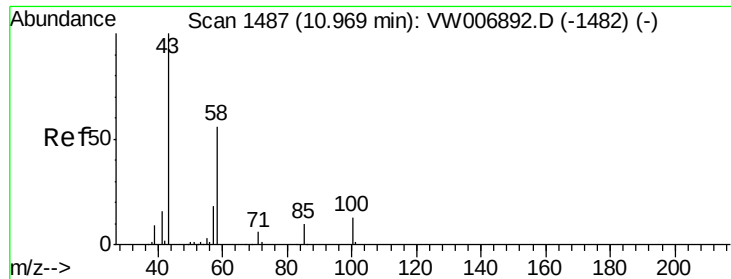
Tgt Ion: 75 Resp: 1839

Ion Ratio Lower Upper

75 100

77 41.9 21.9 40.7#





#49

2-Hexanone

Concen: 2.086 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006907.D

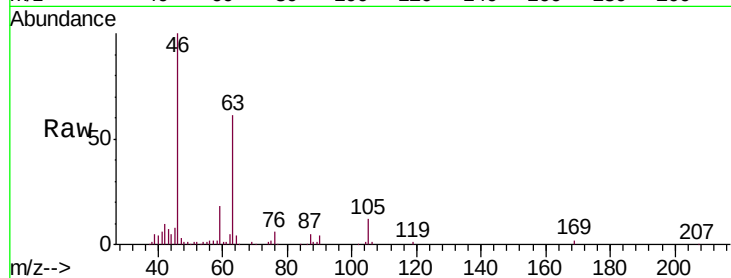
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Instrument :

MSVOA_W

ClientSampleId :

ETHS6



Tgt Ion: 43 Resp: 2815

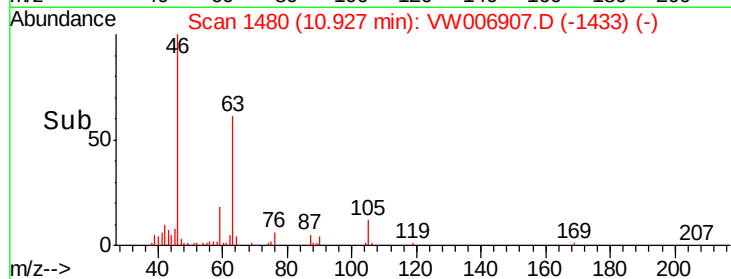
Ion Ratio Lower Upper

43 100

58 27.1 44.6 67.0#

57 28.0 16.0 24.0#

100 2.2 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

