

Data File : VW006902.D
Acq On : 15 Nov 2018 17:20
Operator : SY/AP
Sample : J5945-14
Misc : 6.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETO84

Quant Time: Nov 16 04:54:13 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	185822	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180183	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84580	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34490	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.64%
7) Chloroethane-d5	2.89	69	27000	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
10) 1,1-Dichloroethene-d2	4.02	63	68367	15.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.04%
20) 2-Butanone-d5	7.09	46	28913	31.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.60%
24) Chloroform-d	7.65	84	83584	20.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.28%
26) 1,2-Dichloroethane-d4	8.31	65	53402	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.00%
29) Benzene-d6	8.28	84	184224	19.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.24%
33) 1,2-Dichloropropane-d6	9.28	67	56949	19.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.00%
37) Toluene-d8	10.33	98	192262	19.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.72%
38) trans-1,3-Dichloropropene-	10.58	79	23923	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
39) 2-Hexanone-d5	10.93	63	23385	32.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	46123	18.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	65915	20.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.32%

Target Compounds

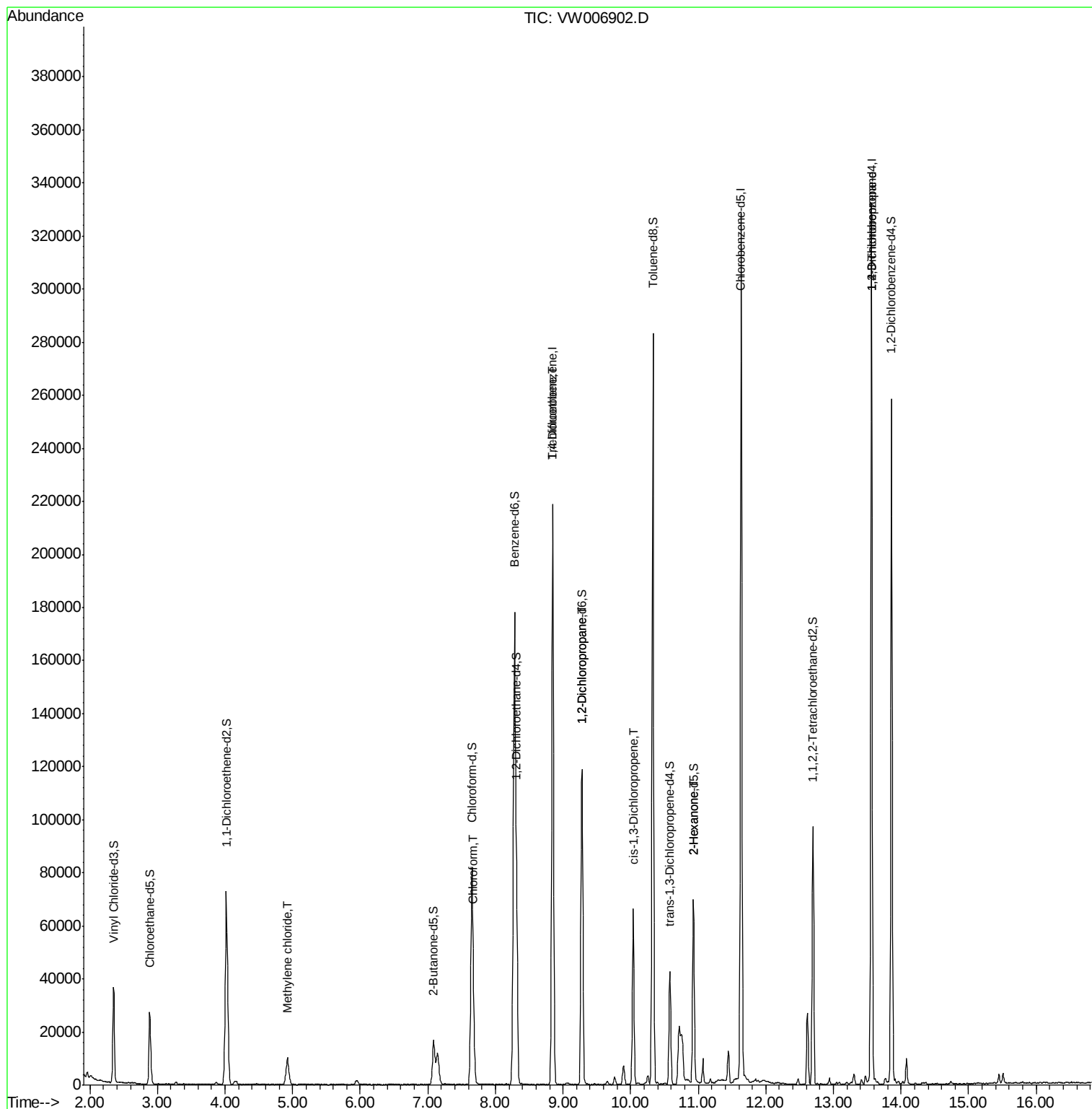
					Qvalue
16) Methylene chloride	4.92	84	7341	2.259 ug/L	98
25) Chloroform	7.68	83	8739	1.910 ug/L	80
35) Trichloroethene	8.85	95	5316	1.937 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	6252	2.518 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1692	0.451 ug/L	86
49) 2-Hexanone	10.93	43	2570	1.784 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	10122	5.390 ug/L	93

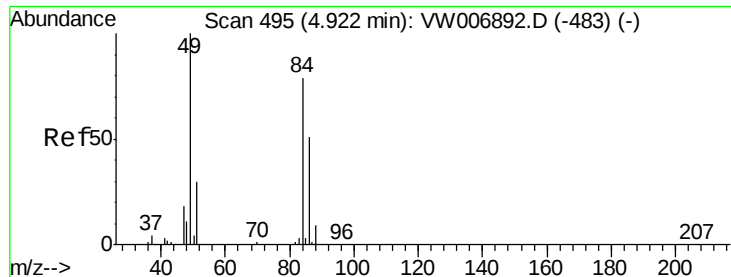
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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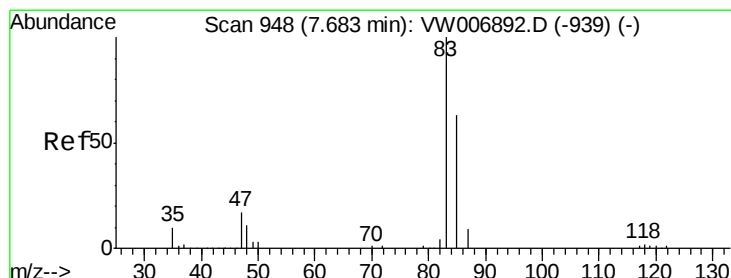
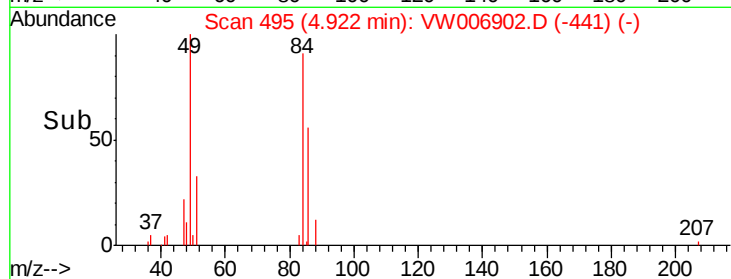
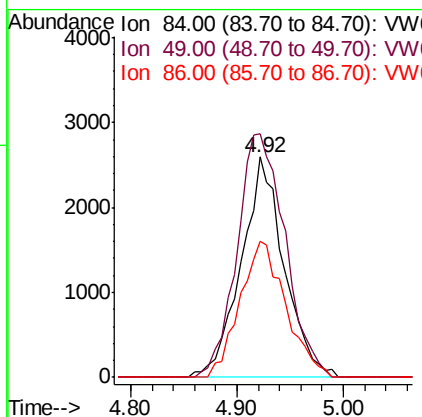
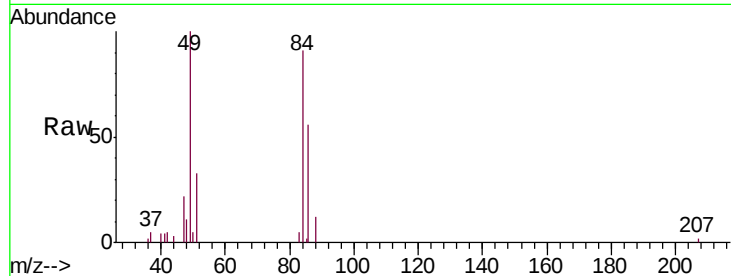




#16
Methylene chloride
Concen: 2.259 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006902.D
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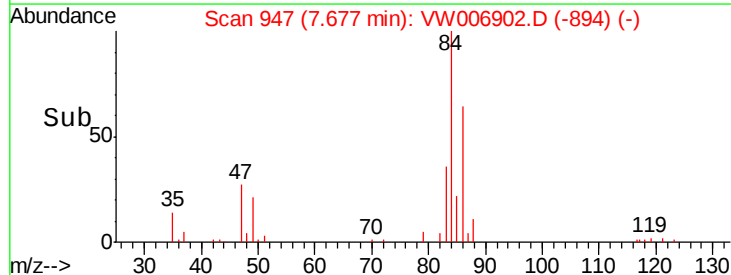
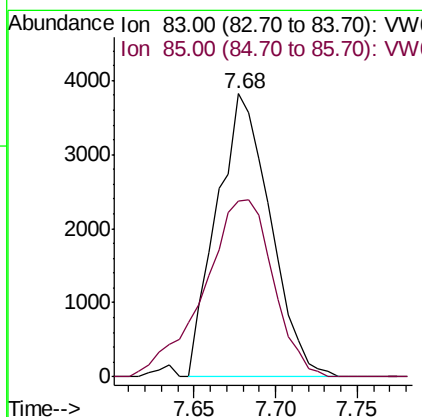
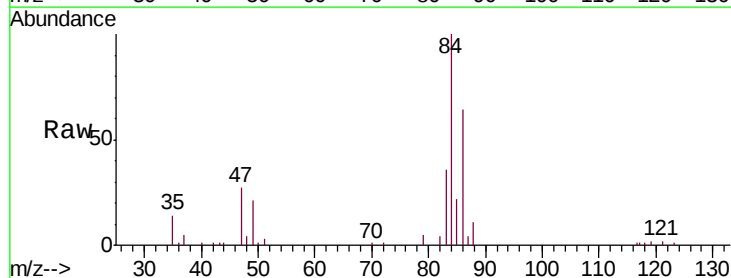
Instrument :
MSVOA_W
ClientSampleId :
ETO84

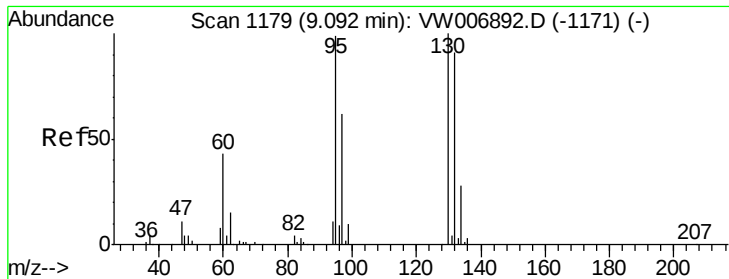
Tgt Ion: 84 Resp: 7341
Ion Ratio Lower Upper
84 100
49 110.4 79.3 147.3
86 61.9 43.5 80.9



#25
Chloroform
Concen: 1.910 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006902.D
Acq: 15 Nov 2018 17:20

Tgt Ion: 83 Resp: 8739
Ion Ratio Lower Upper
83 100
85 80.4 45.4 84.2





#35

Trichloroethene

Concen: 1.937 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006902.D

Acq: 15 Nov 2018 17:20

Instrument :

MSVOA_W

ClientSampled :

ETO84

Tgt Ion: 95 Resp: 5316

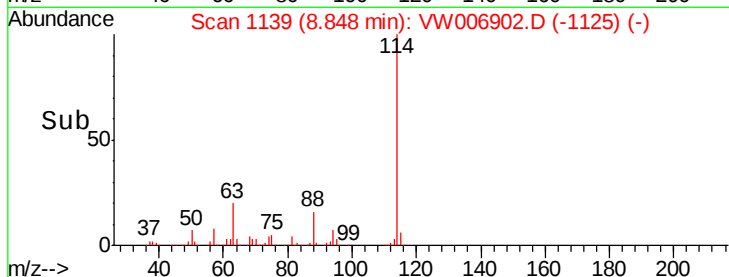
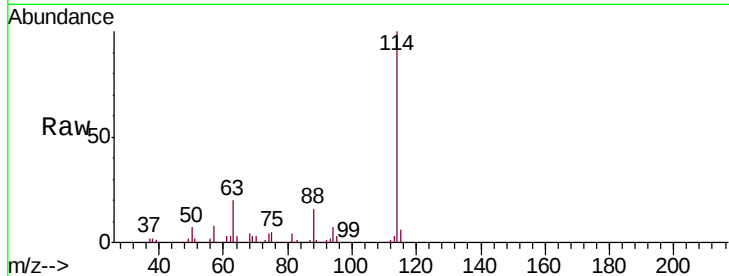
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

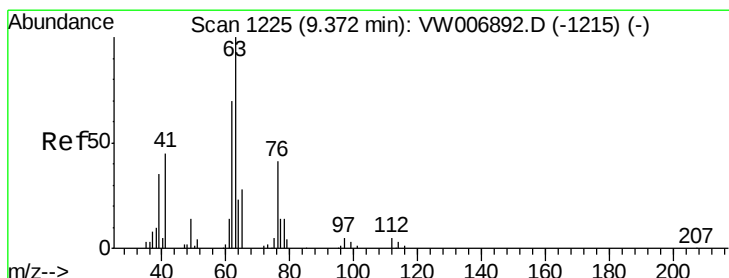
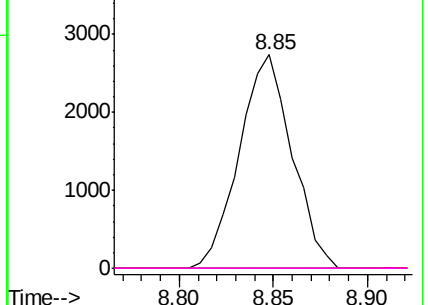


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.518 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006902.D

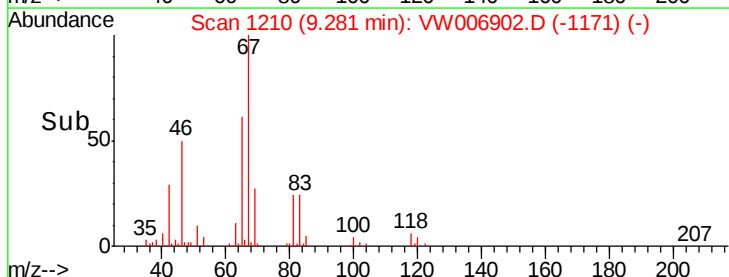
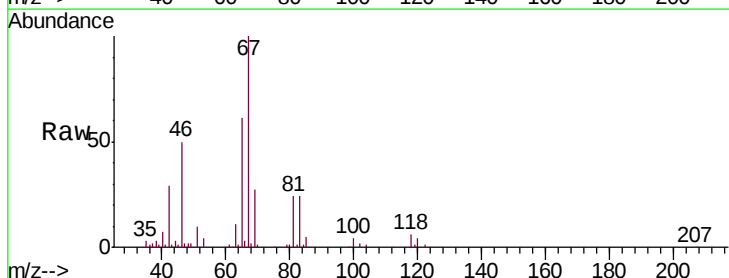
Acq: 15 Nov 2018 17:20

Tgt Ion: 63 Resp: 6252

Ion Ratio Lower Upper

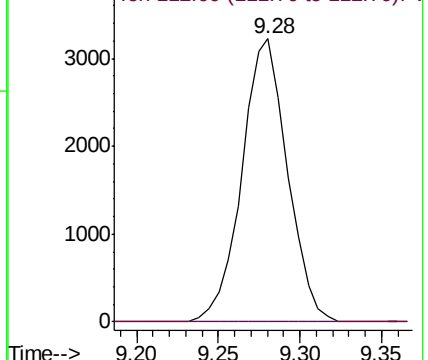
63 100

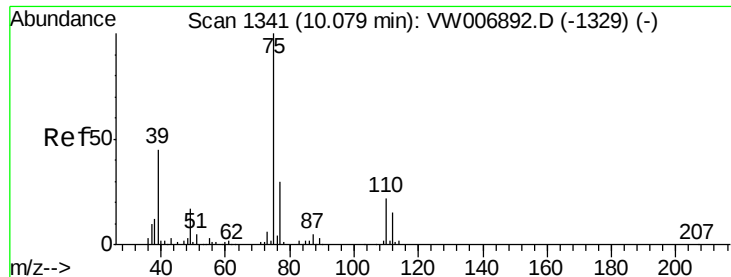
112 0.0 3.1 4.7#



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: 0.451 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW006902.D

Acq: 15 Nov 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

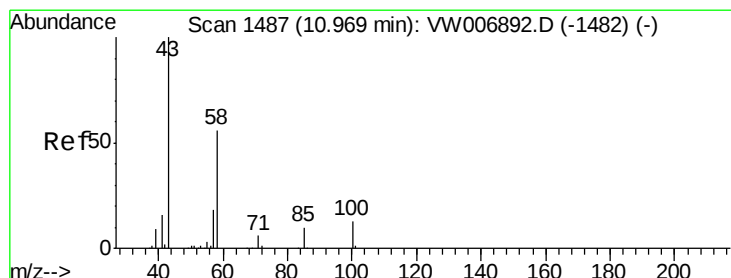
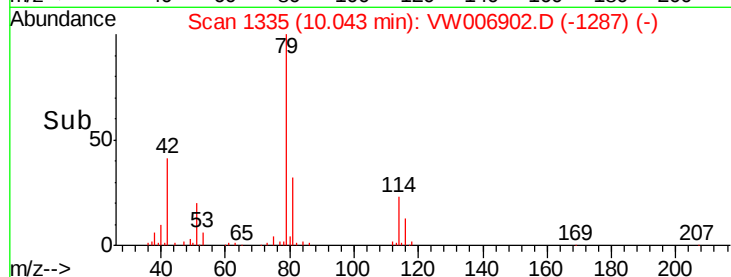
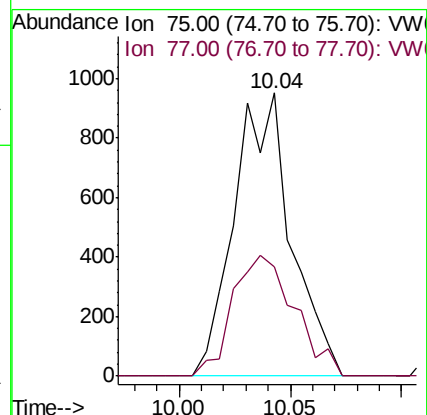
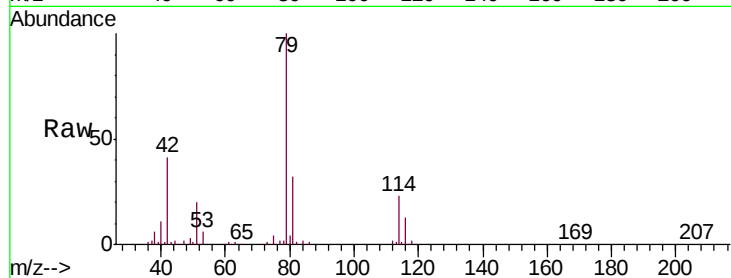
ETO84

Tgt Ion: 75 Resp: 1692

Ion Ratio Lower Upper

75 100

77 38.8 21.9 40.7



#49

2-Hexanone

Concen: 1.784 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006902.D

Acq: 15 Nov 2018 17:20

Tgt Ion: 43 Resp: 2570

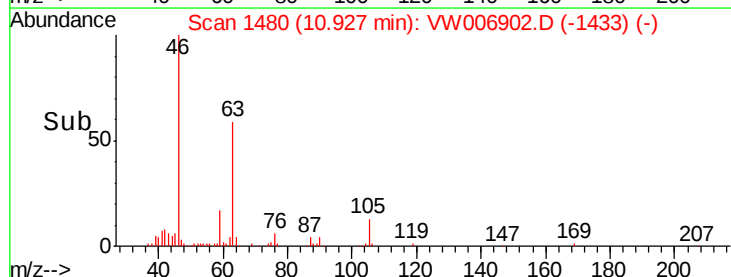
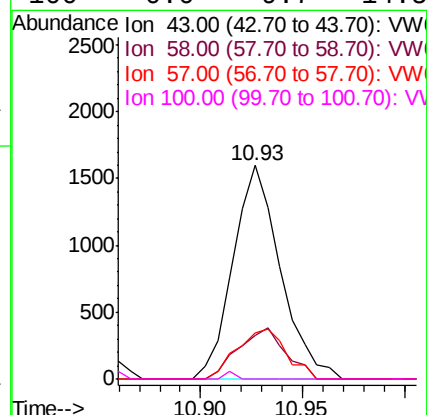
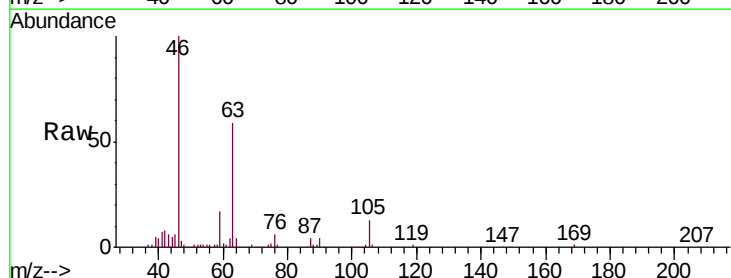
Ion Ratio Lower Upper

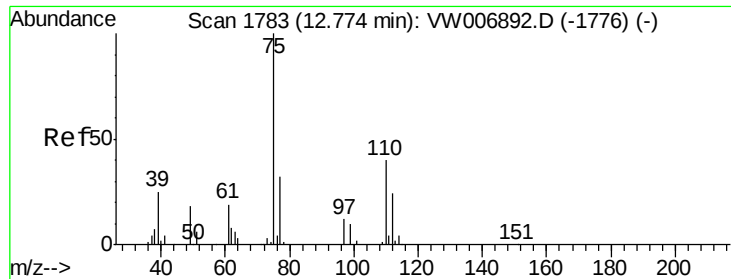
43 100

58 23.9 44.6 67.0#

57 24.5 16.0 24.0#

100 0.0 9.7 14.5#





#59

1,2,3-Trichloropropane

Concen: 5.390 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006902.D

Acq: 15 Nov 2018 17:20

Instrument :

MSVOA_W

ClientSampleId :

ETO84

Tgt Ion: 75 Resp: 10122

Ion Ratio Lower Upper

75 100

77 37.2 26.5 39.7

