

Data File : VW006925.D
Acq On : 16 Nov 2018 19:04
Operator : SY/AP
Sample : J5979-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETO67

Quant Time: Nov 16 23:55:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	144148	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	115393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	36360	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32692	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.16%
7) Chloroethane-d5	2.89	69	26241	28.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.88%
10) 1,1-Dichloroethene-d2	4.03	63	63344	18.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.12%
20) 2-Butanone-d5	7.09	46	18769	26.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.22%
24) Chloroform-d	7.65	84	80560	25.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	8.31	65	48470	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.64%
29) Benzene-d6	8.28	84	164132	27.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.84%
33) 1,2-Dichloropropane-d6	9.28	67	51115	27.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.72%
37) Toluene-d8	10.33	98	152886	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.00%
38) trans-1,3-Dichloropropene-	10.58	79	16488	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.16%
39) 2-Hexanone-d5	10.93	63	14941	32.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34488	21.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	31288	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%

Target Compounds

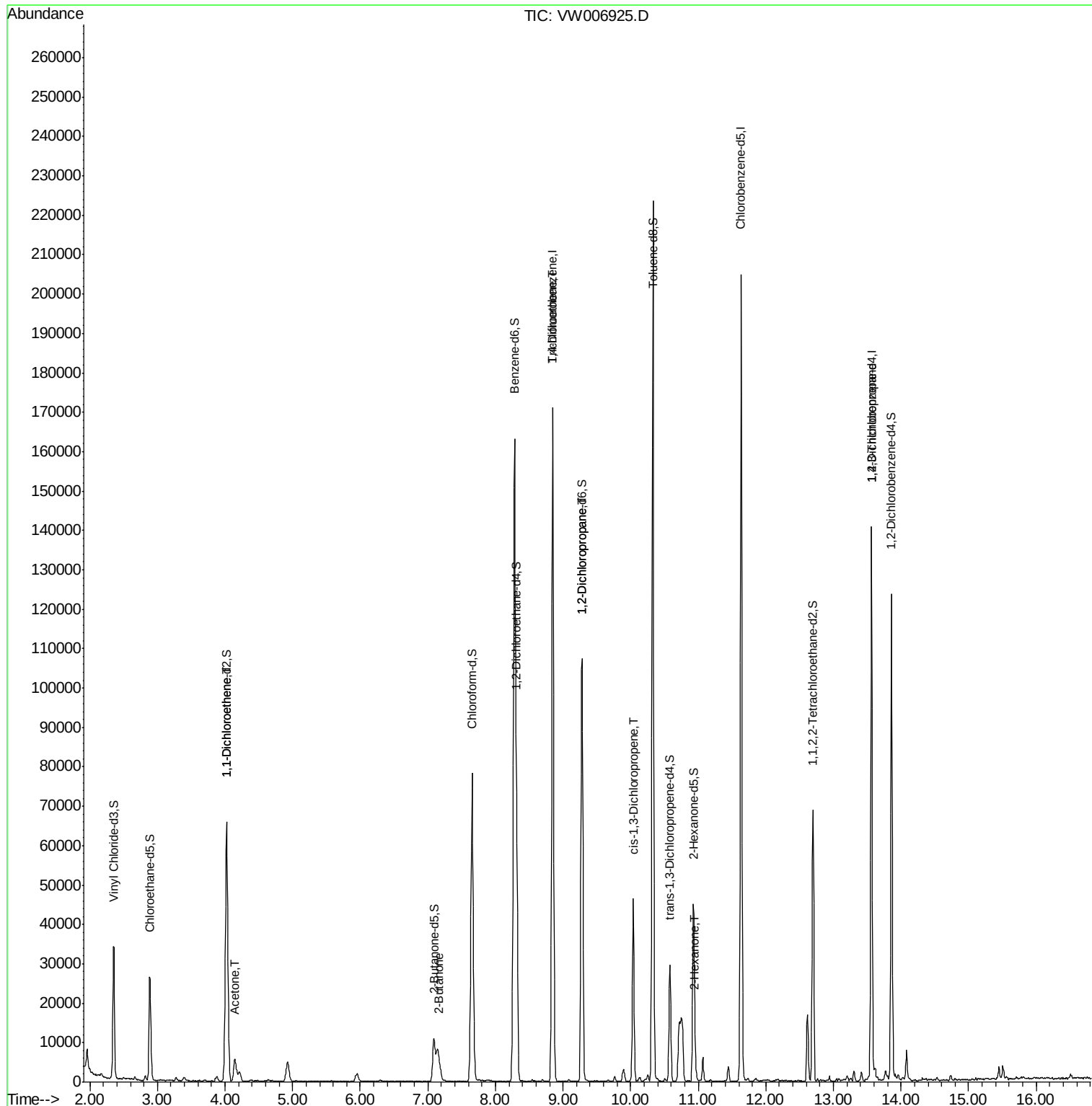
					Qvalue
12) 1,1-Dichloroethene	4.02	96	689	0.418 ug/L #	1
13) Acetone	4.14	43	9629	21.192 ug/L	72
21) 2-Butanone	7.17	43	4144	5.286 ug/L #	71
35) Trichloroethene	8.85	95	4247	2.416 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	5537	3.483 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1198	0.499 ug/L	84
49) 2-Hexanone	10.96	43	2192	2.377 ug/L #	43
59) 1,2,3-Trichloropropane	13.56	75	4551	3.784 ug/L	90

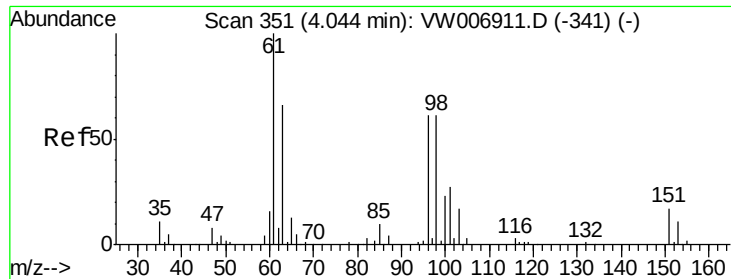
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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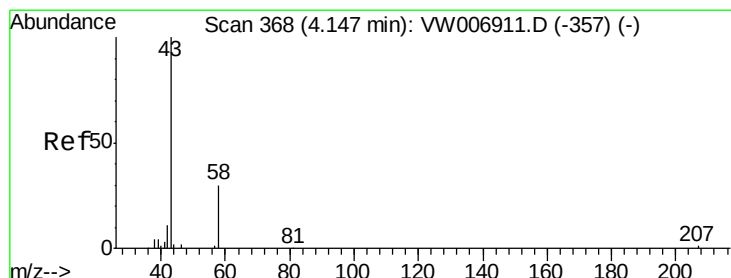
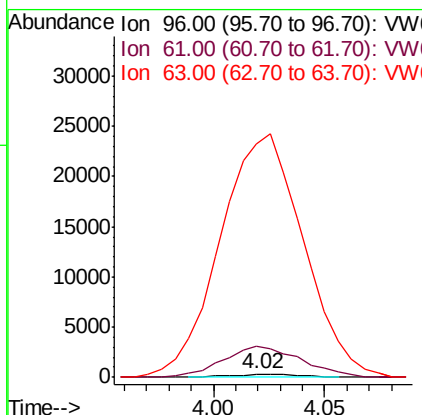
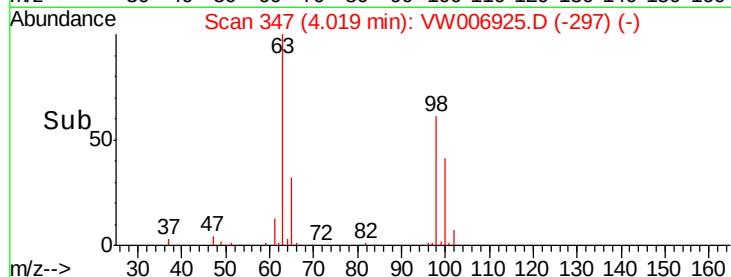
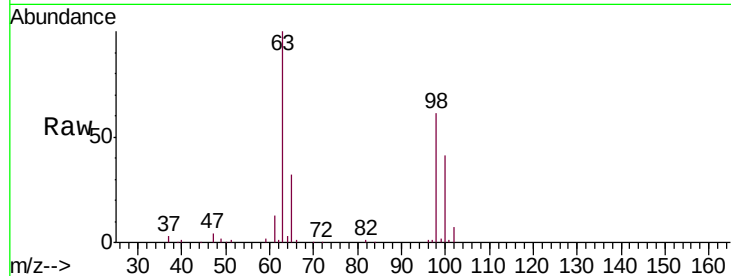




#12
 1,1-Dichloroethene
 Concen: 0.418 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW006925.D
 Acq: 16 Nov 2018 19:04

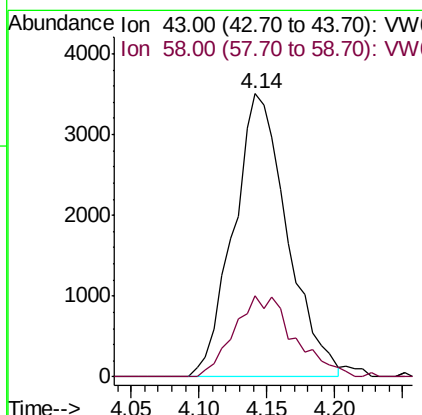
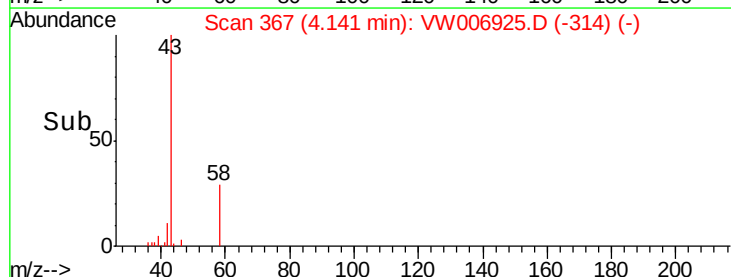
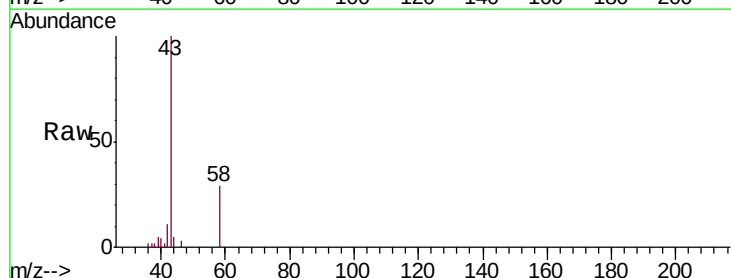
Instrument :
 MSVOA_W
 ClientSampled :
 ETO67

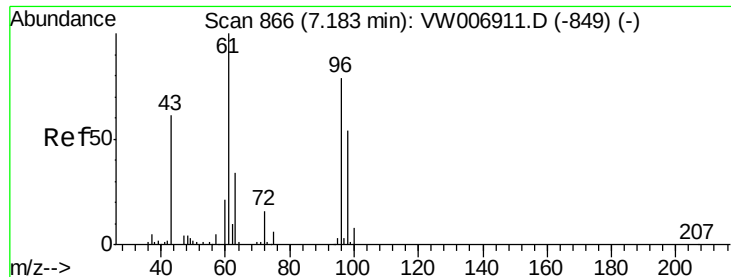
Tgt Ion: 96 Resp: 689
 Ion Ratio Lower Upper
 96 100
 61 989.3 116.3 215.9#
 63 7508.1 73.4 136.4#



#13
 Acetone
 Concen: 21.192 ug/L
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW006925.D
 Acq: 16 Nov 2018 19:04

Tgt Ion: 43 Resp: 9629
 Ion Ratio Lower Upper
 43 100
 58 16.8 0.0 65.6





#21

2-Butanone

Concen: 5.286 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006925.D

Acq: 16 Nov 2018 19:04

Instrument :

MSVOA_W

ClientSampleId :

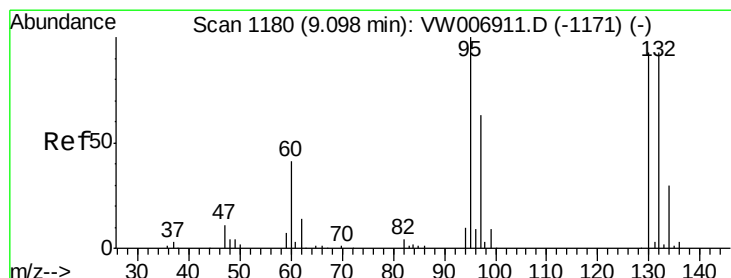
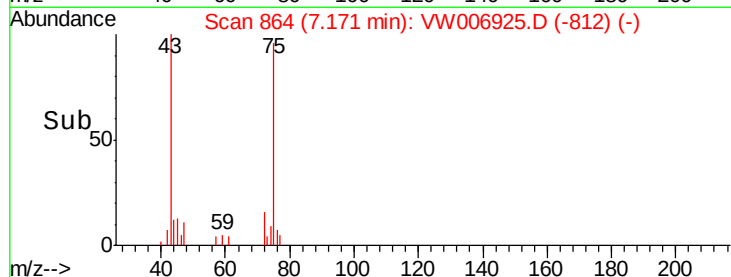
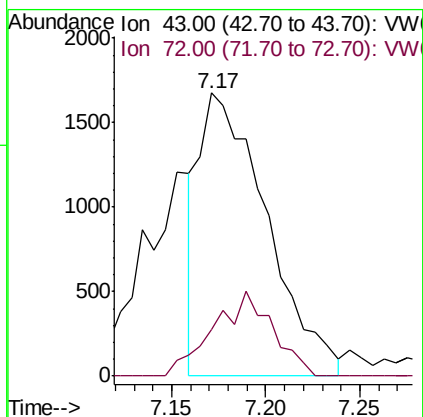
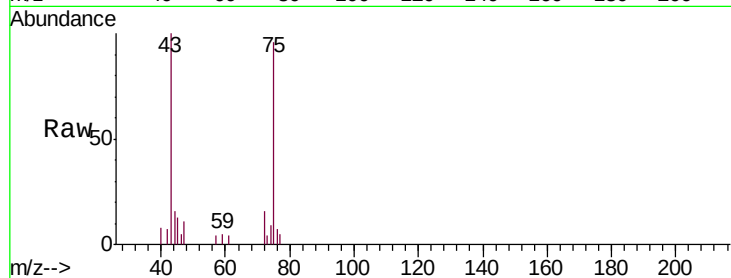
ETO67

Tgt Ion: 43 Resp: 4144

Ion Ratio Lower Upper

43 100

72 12.0 13.5 40.5#



#35

Trichloroethene

Concen: 2.416 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW006925.D

Acq: 16 Nov 2018 19:04

Tgt Ion: 95 Resp: 4247

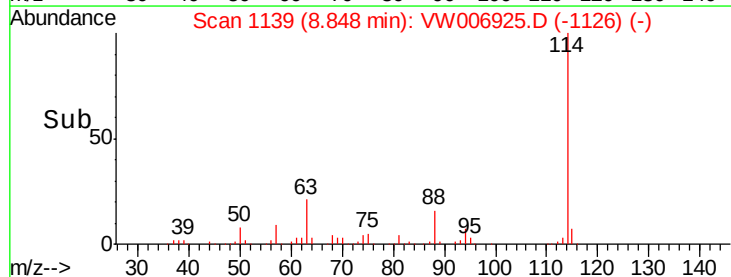
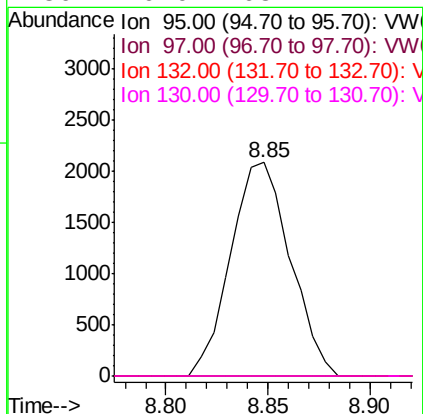
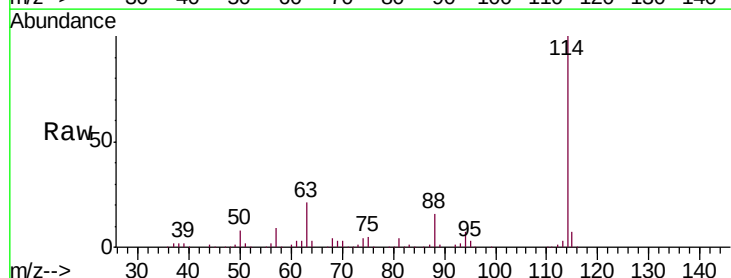
Ion Ratio Lower Upper

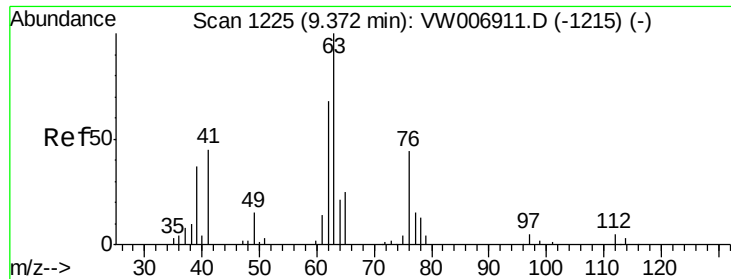
95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

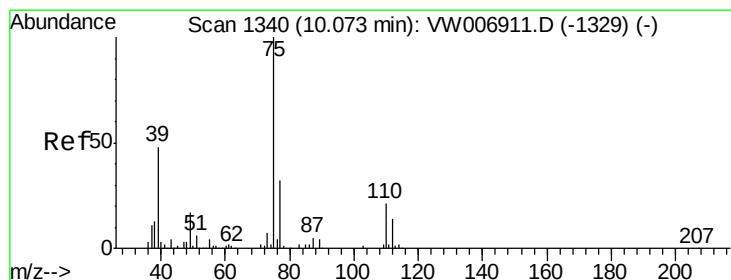
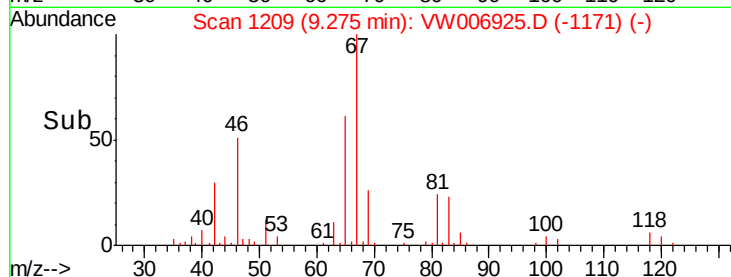
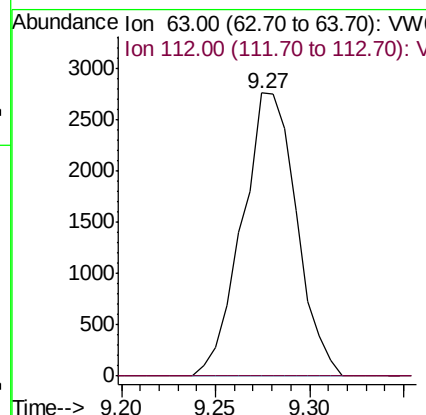
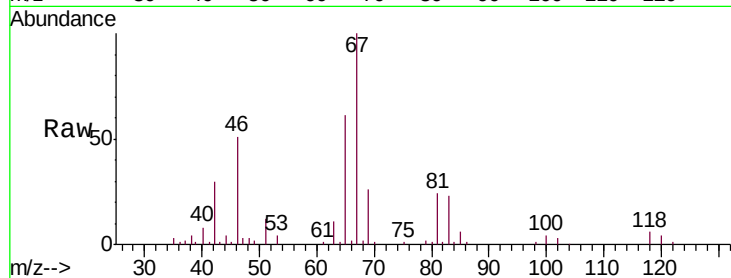




#40
 1,2-Dichloropropane
 Concen: 3.483 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW006925.D
 Acq: 16 Nov 2018 19:04

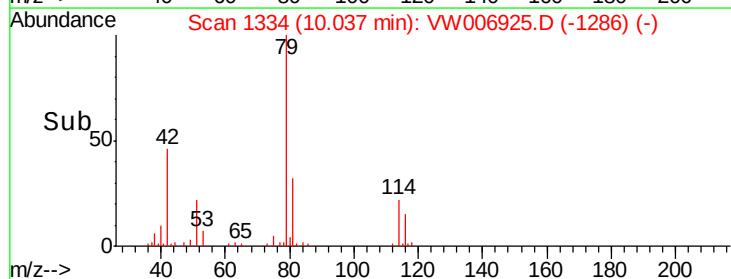
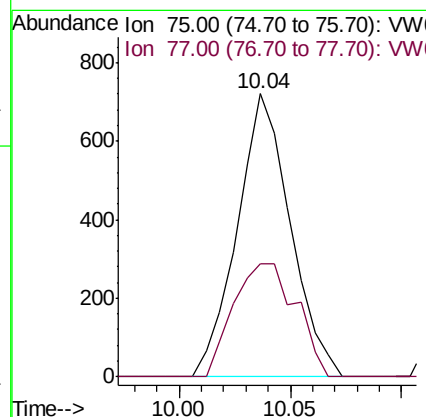
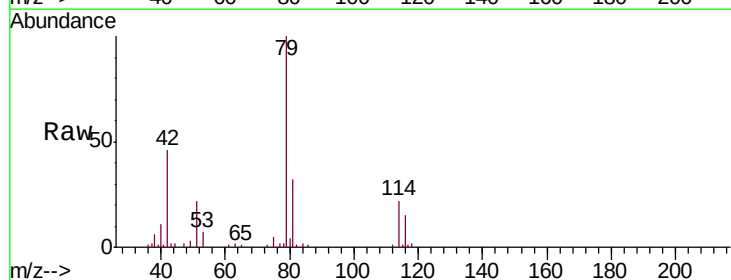
Instrument :
 MSVOA_W
 ClientSampleId :
 ETO67

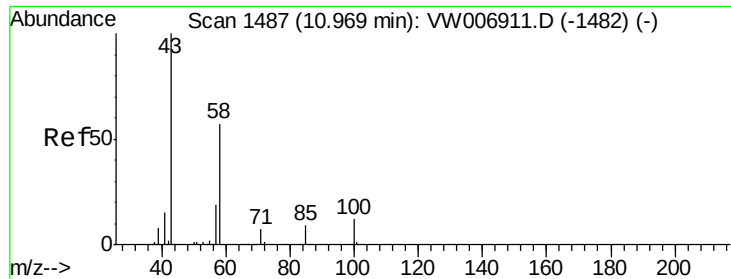
Tgt Ion: 63 Resp: 5537
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.499 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW006925.D
 Acq: 16 Nov 2018 19:04

Tgt Ion: 75 Resp: 1198
 Ion Ratio Lower Upper
 75 100
 77 39.9 21.9 40.7





#49

2-Hexanone

Concen: 2.377 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW006925.D

Acq: 16 Nov 2018 19:04

Instrument :

MSVOA_W

ClientSampleId :

ETO67

Tgt Ion: 43 Resp: 2192

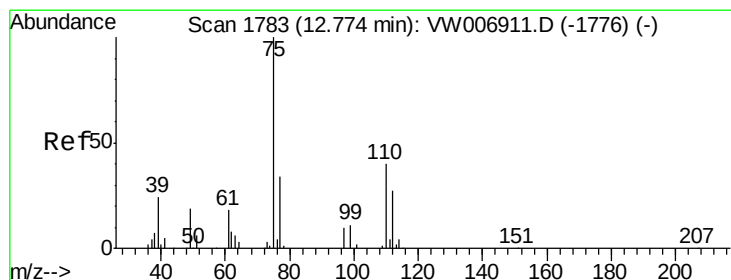
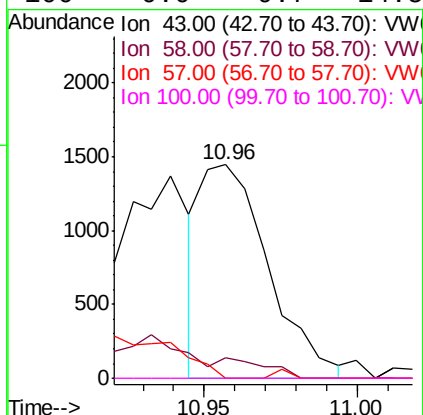
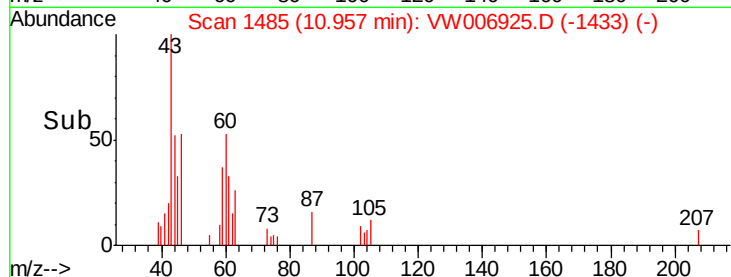
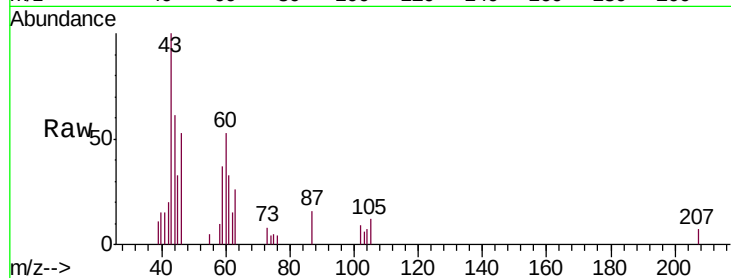
Ion Ratio Lower Upper

43 100

58 6.9 44.6 67.0#

57 0.0 16.0 24.0#

100 0.0 9.7 14.5#



#59

1,2,3-Trichloropropane

Concen: 3.784 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006925.D

Acq: 16 Nov 2018 19:04

Tgt Ion: 75 Resp: 4551

Ion Ratio Lower Upper

75 100

77 38.6 26.5 39.7

