

Data File : VW006900.D
Acq On : 15 Nov 2018 16:29
Operator : SY/AP
Sample : J5945-06
Misc : 6.50G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOA4

Quant Time: Nov 16 04:53:46 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	170199	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	159147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62412	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38148	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.96%
7) Chloroethane-d5	2.89	69	30319	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.44%
10) 1,1-Dichloroethene-d2	4.03	63	74960	18.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.28%
20) 2-Butanone-d5	7.09	46	30777	36.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.92%
24) Chloroform-d	7.65	84	96191	25.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.12%
26) 1,2-Dichloroethane-d4	8.31	65	57554	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	8.28	84	203941	24.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.04%
33) 1,2-Dichloropropane-d6	9.28	67	63412	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.60%
37) Toluene-d8	10.33	98	209983	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	10.58	79	25366	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
39) 2-Hexanone-d5	10.93	63	24692	38.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	47327	21.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	56136	23.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.00%

Target Compounds

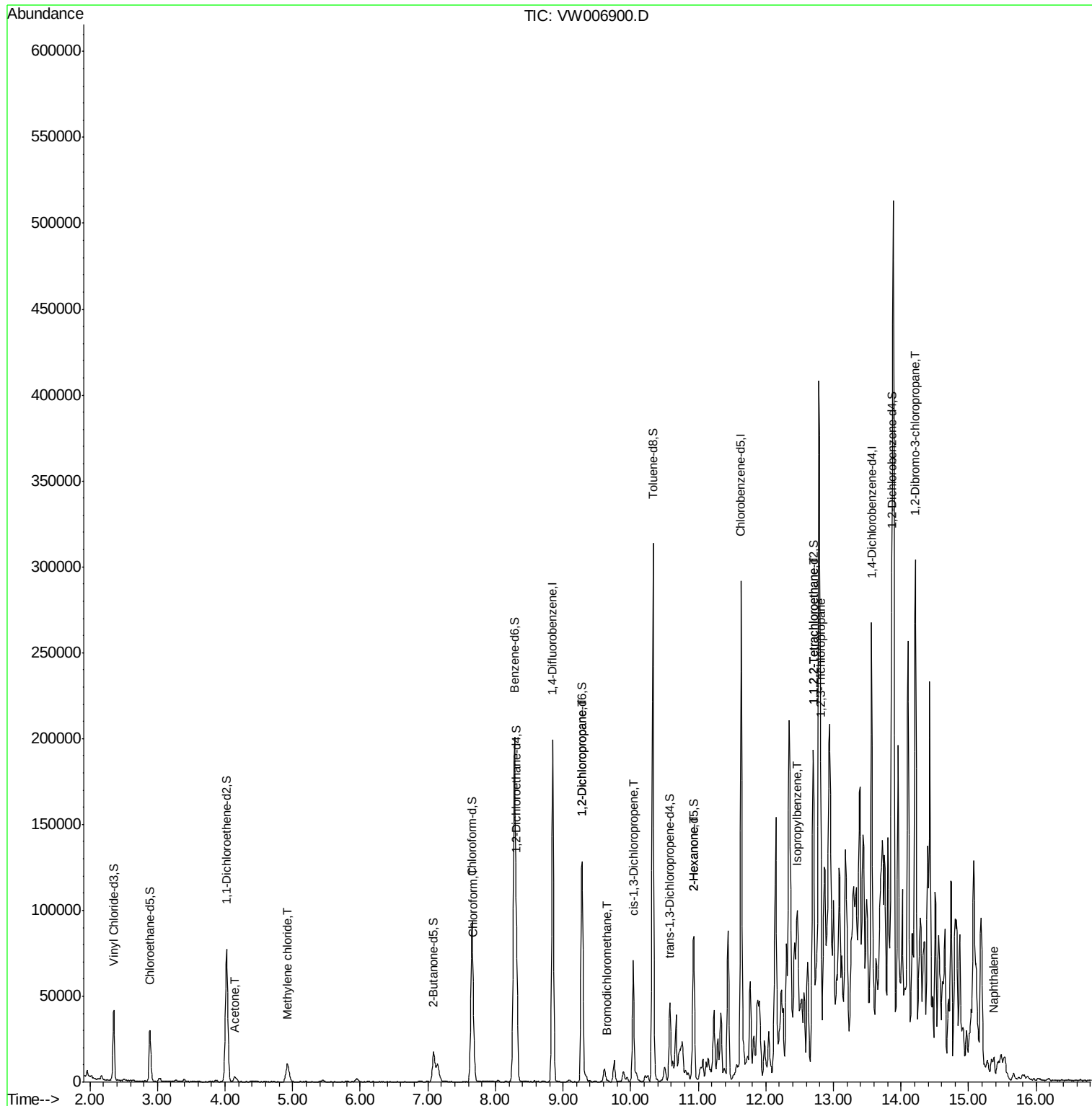
					Qvalue
13) Acetone	4.14	43	4961	9.247 ug/L	78
16) Methylene chloride	4.93	84	8188	2.751 ug/L	94
25) Chloroform	7.68	83	8397	2.004 ug/L	86
40) 1,2-Dichloropropane	9.27	63	6826	3.113 ug/L #	88
41) Bromodichloromethane	9.65	83	791	0.294 ug/L #	95
42) cis-1,3-Dichloropropene	10.04	75	1685	0.509 ug/L #	80
49) 2-Hexanone	10.94	43	11016	8.660 ug/L #	33
57) Isopropylbenzene	12.47	105	30918	2.599 ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.70	83	4595	2.157 ug/L #	60
59) 1,2,3-Trichloropropane	12.82	75	739	0.446 ug/L #	1
66) 1,2-Dibromo-3-chloropropan	14.21	75	1759	5.214 ug/L #	2
69) Naphthalene	15.38	128	4918	0.916 ug/L	98

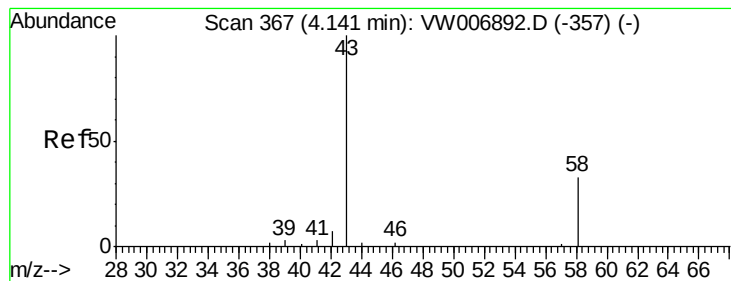
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.247 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006900.D

Acq: 15 Nov 2018 16:29

Instrument :

MSVOA_W

ClientSampled :

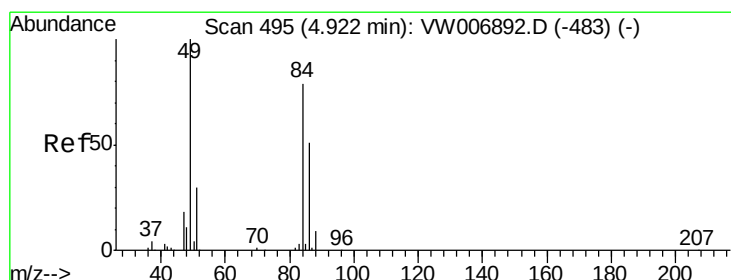
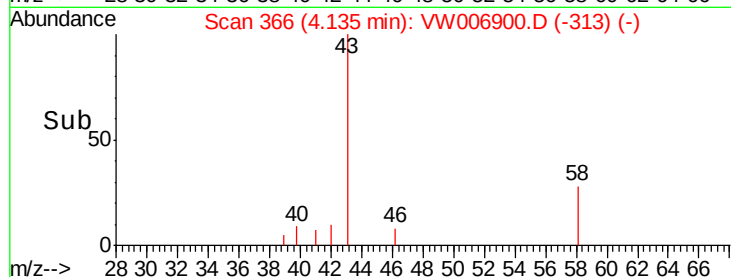
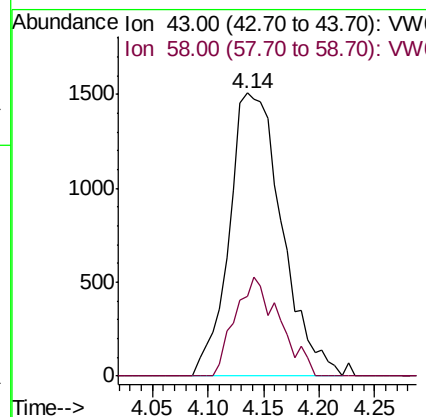
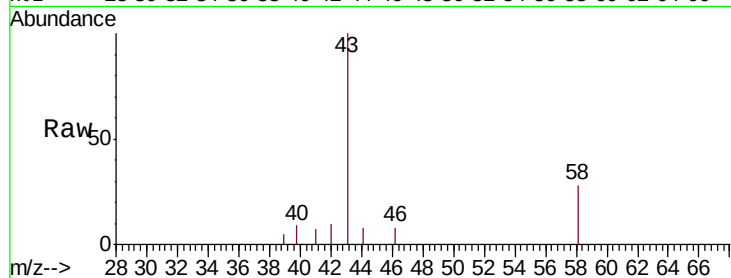
ETOA4

Tgt Ion: 43 Resp: 4961

Ion Ratio Lower Upper

43 100

58 20.3 0.0 65.6



#16

Methylene chloride

Concen: 2.751 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006900.D

Acq: 15 Nov 2018 16:29

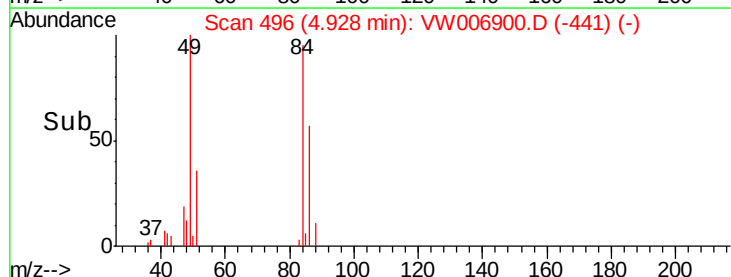
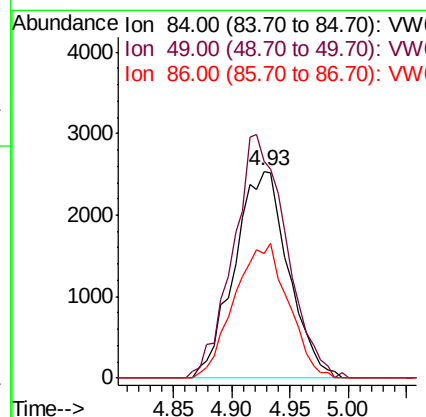
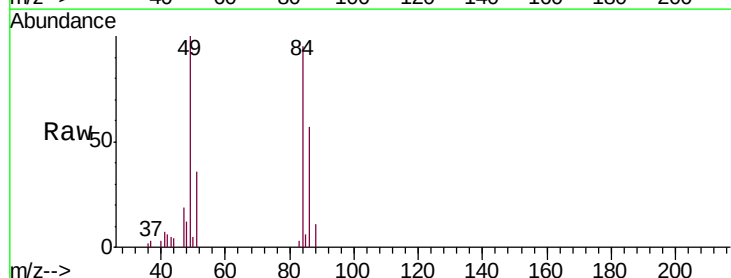
Tgt Ion: 84 Resp: 8188

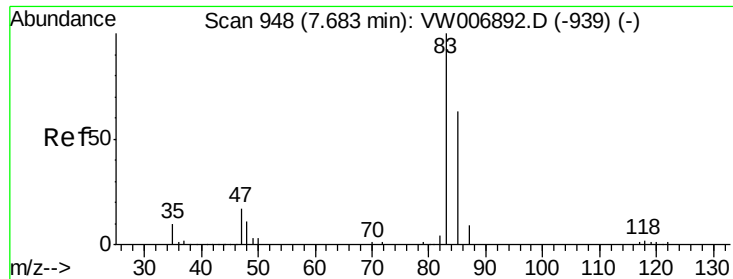
Ion Ratio Lower Upper

84 100

49 105.1 79.3 147.3

86 60.2 43.5 80.9

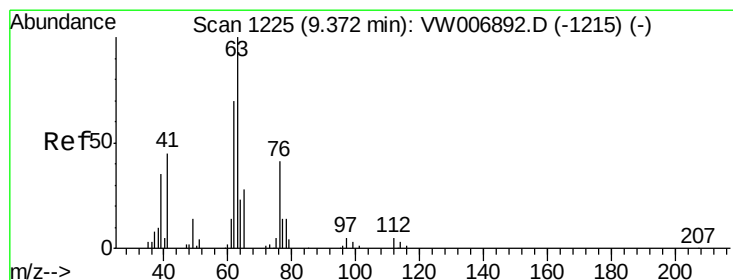
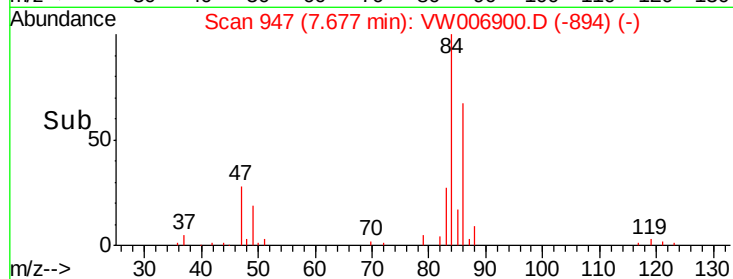
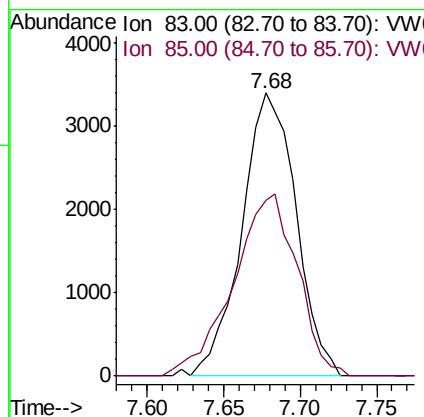
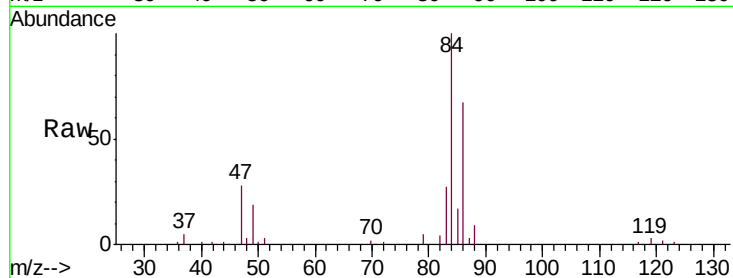




#25
Chloroform
Concen: 2.004 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006900.D
Acq: 15 Nov 2018 16:29

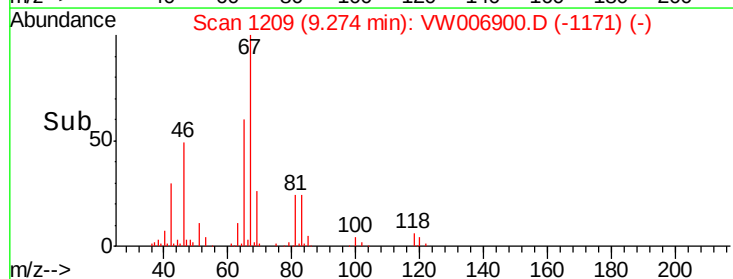
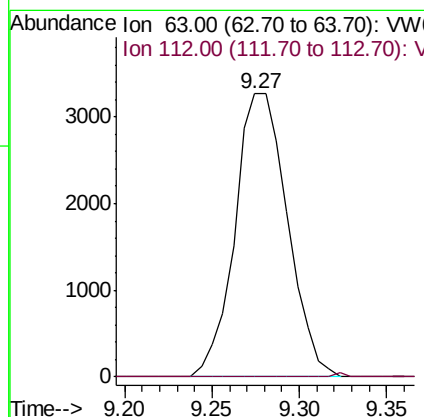
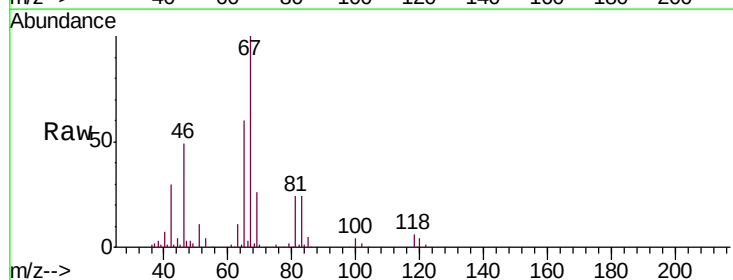
Instrument :
MSVOA_W
ClientSampled :
ETOA4

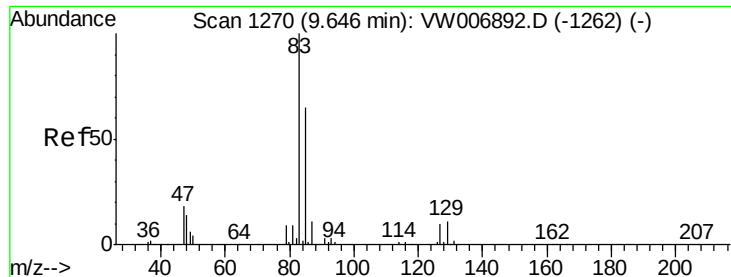
Tgt Ion: 83 Resp: 8397
Ion Ratio Lower Upper
83 100
85 75.7 45.4 84.2



#40
1,2-Dichloropropane
Concen: 3.113 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW006900.D
Acq: 15 Nov 2018 16:29

Tgt Ion: 63 Resp: 6826
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#41

Bromodichloromethane

Concen: 0.294 ug/L

RT: 9.65 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VW006900.D

Acq: 15 Nov 2018 16:29

Instrument :

MSVOA_W

ClientSampled :

ETOA4

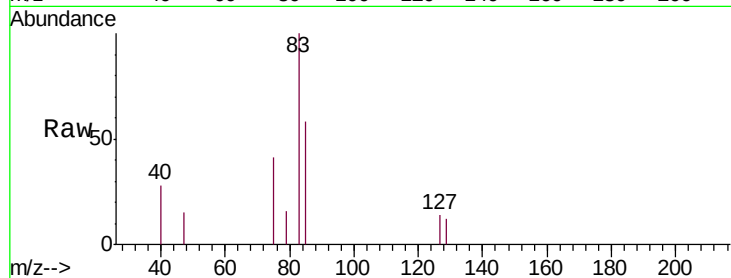
Tgt Ion: 83 Resp: 791

Ion Ratio Lower Upper

83 100

85 58.1 42.4 78.6

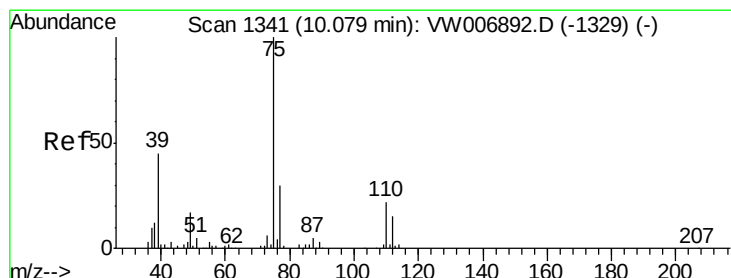
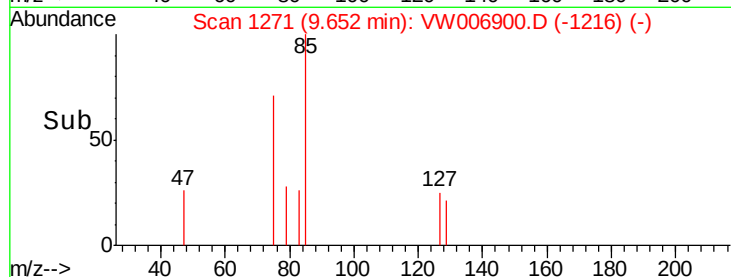
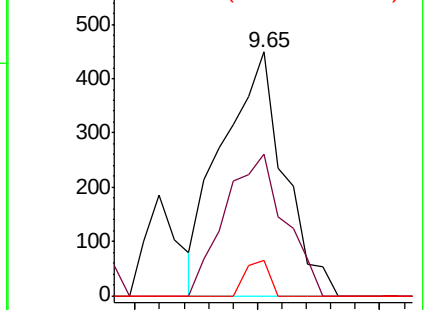
127 14.3 6.5 9.7#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.509 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006900.D

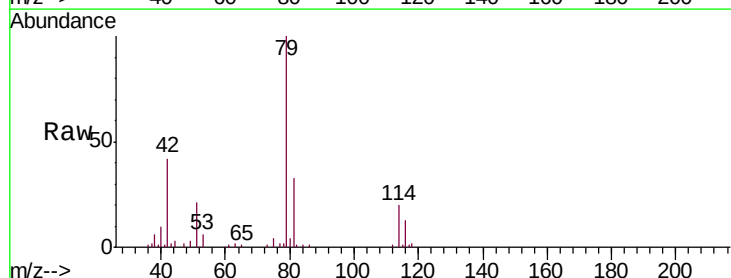
Acq: 15 Nov 2018 16:29

Tgt Ion: 75 Resp: 1685

Ion Ratio Lower Upper

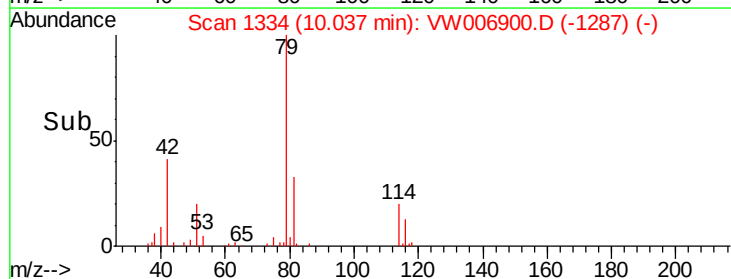
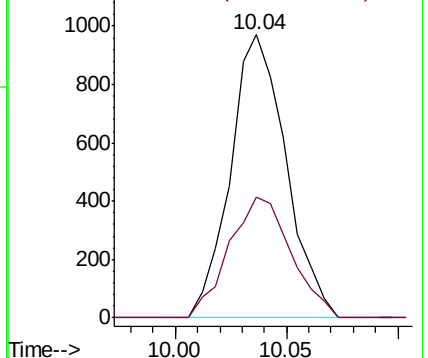
75 100

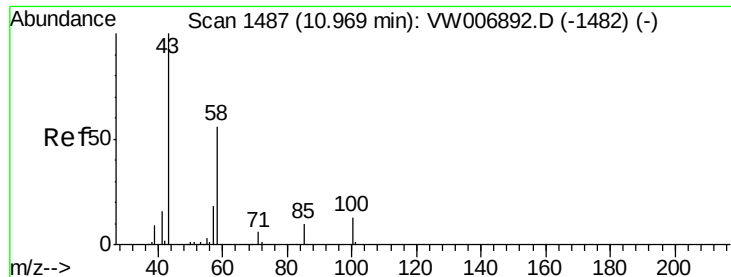
77 42.6 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 8.660 ug/L

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW006900.D

Acq: 15 Nov 2018 16:29

Instrument :

MSVOA_W

ClientSampleId :

ETOA4

Tgt Ion: 43 Resp: 11016

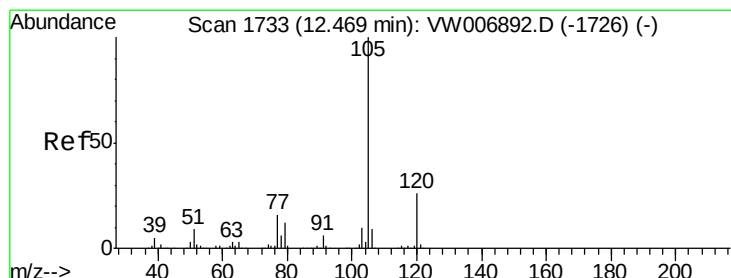
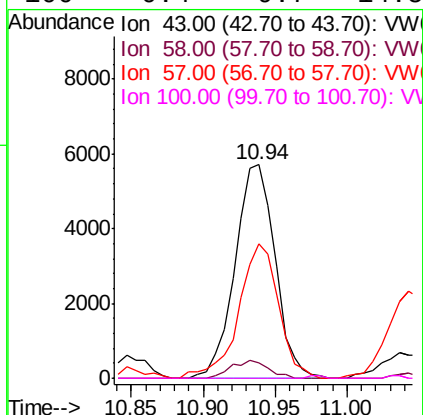
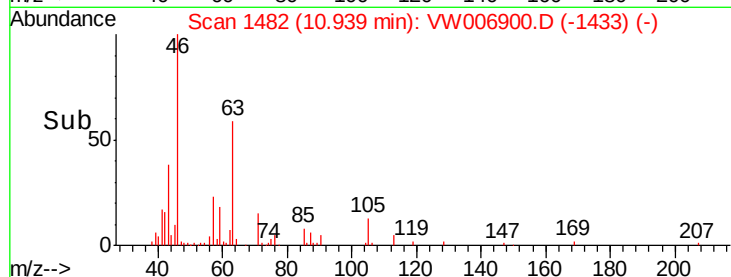
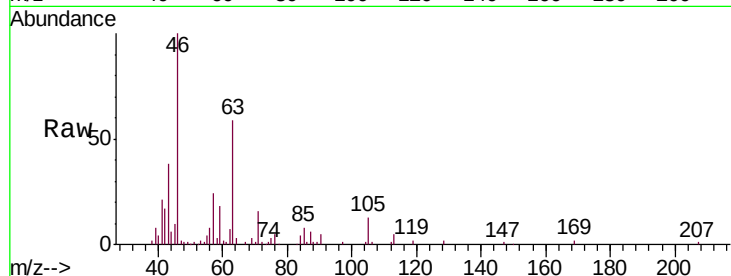
Ion Ratio Lower Upper

43 100

58 7.9 44.6 67.0#

57 62.6 16.0 24.0#

100 0.4 9.7 14.5#



#57

Isopropylbenzene

Concen: 2.599 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006900.D

Acq: 15 Nov 2018 16:29

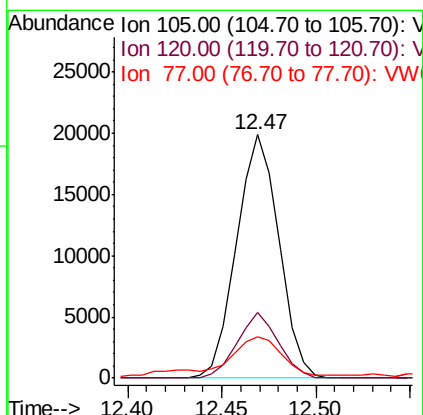
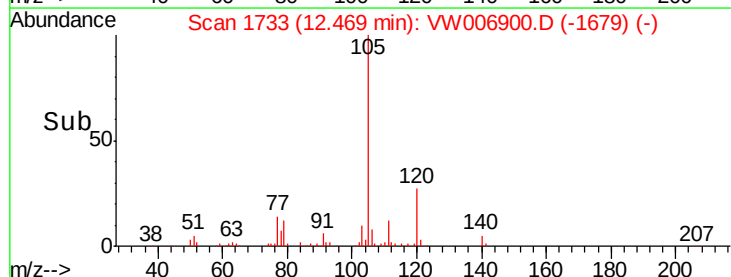
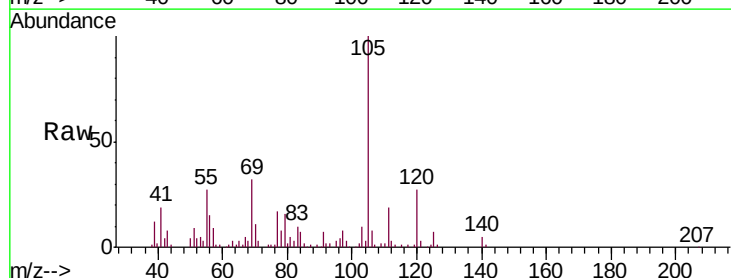
Tgt Ion: 105 Resp: 30918

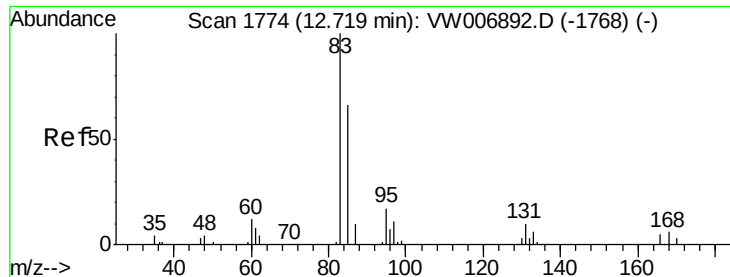
Ion Ratio Lower Upper

105 100

120 26.0 20.7 31.1

77 17.6 12.3 18.5





#58

1,1,2,2-Tetrachloroethane

Concen: 2.157 ug/L

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW006900.D

Acq: 15 Nov 2018 16:29

Instrument :

MSVOA_W

ClientSampleId :

ETOA4

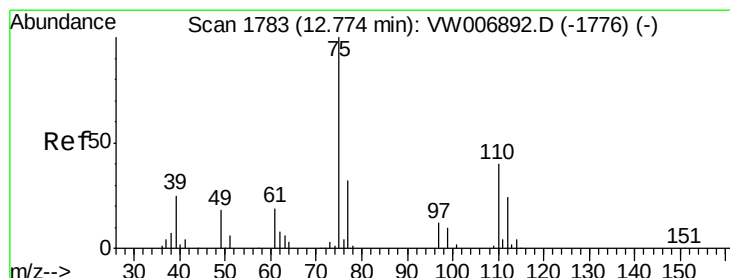
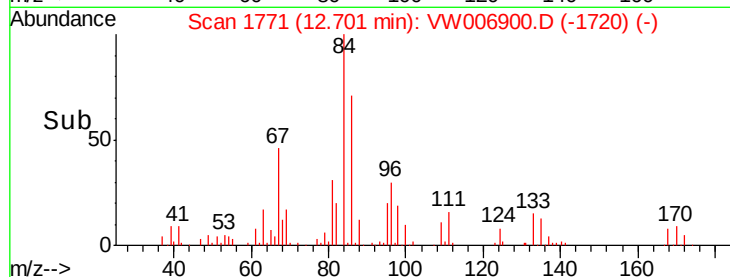
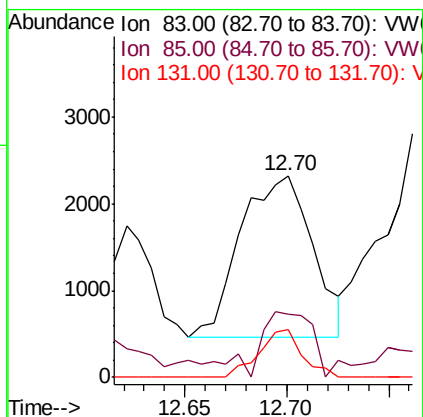
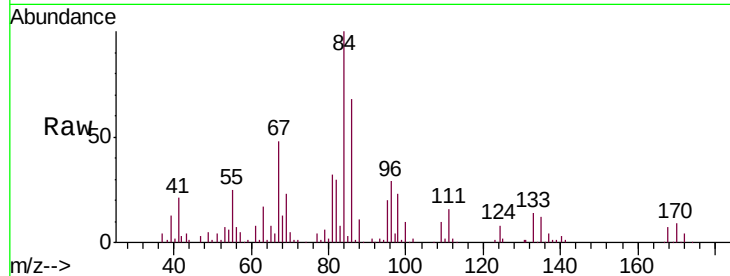
Tgt Ion: 83 Resp: 4595

Ion Ratio Lower Upper

83 100

85 31.6 44.4 82.5#

131 23.8 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 0.446 ug/L

RT: 12.82 min Scan# 1790

Delta R.T. 0.04 min

Lab File: VW006900.D

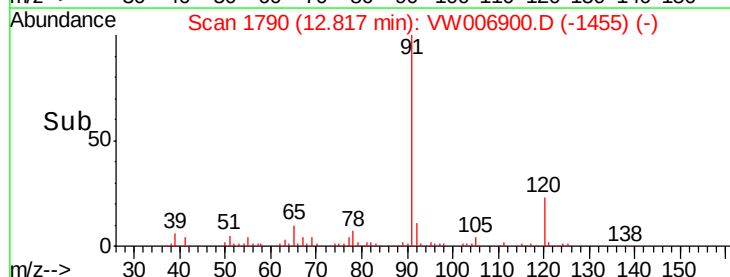
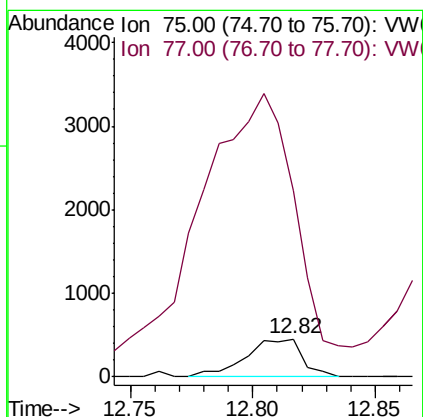
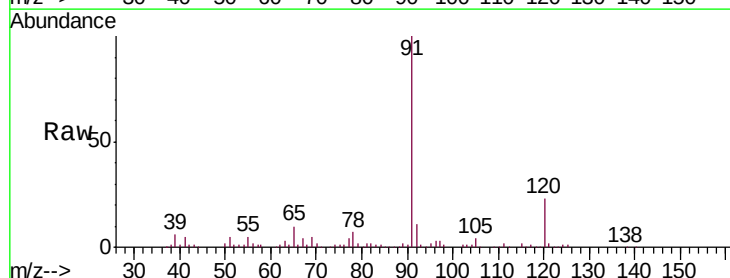
Acq: 15 Nov 2018 16:29

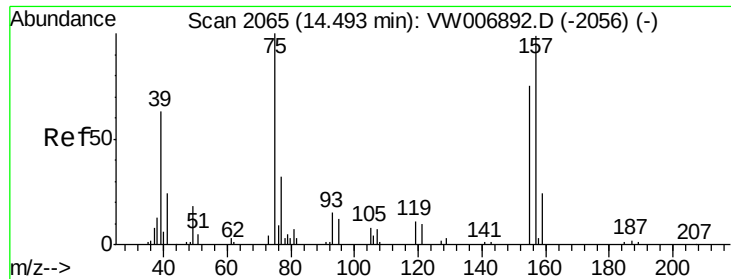
Tgt Ion: 75 Resp: 739

Ion Ratio Lower Upper

75 100

77 1056.0 26.5 39.7#

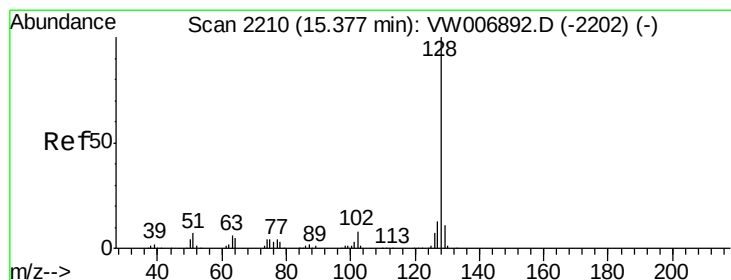
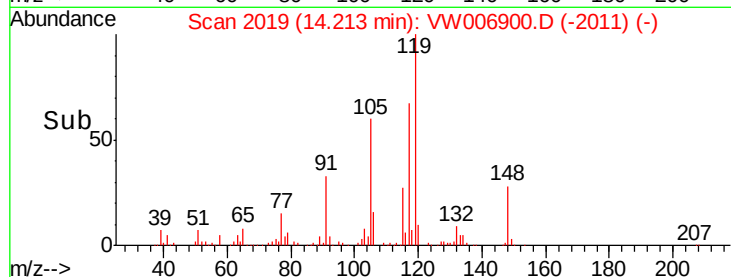
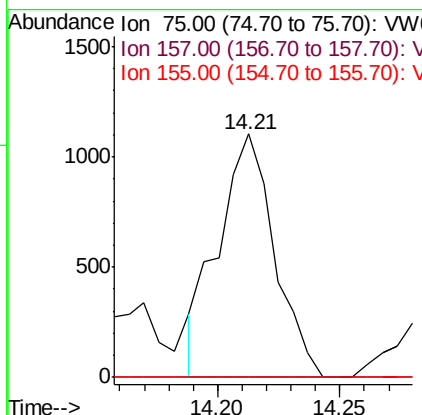
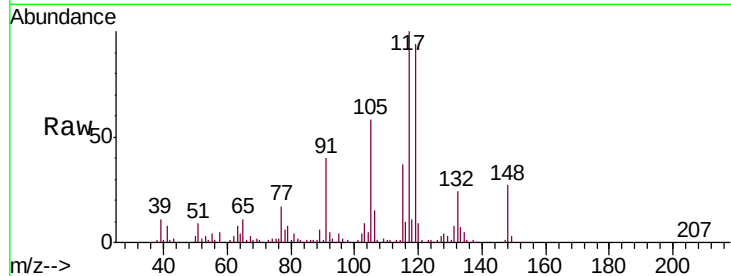




#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.214 ug/L
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.28 min
 Lab File: VW006900.D
 Acq: 15 Nov 2018 16:29

Instrument :
 MSVOA_W
 ClientSampled :
 ETOA4

Tgt Ion: 75 Resp: 1759
 Ion Ratio Lower Upper
 75 100
 157 0.0 85.0 127.6#
 155 0.0 67.7 101.5#



#69
 Naphthalene
 Concen: 0.916 ug/L
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006900.D
 Acq: 15 Nov 2018 16:29

Tgt Ion: 128 Resp: 4918
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.9 13.3
 127 14.4 10.6 15.8

