

Data File : VW006889.D
Acq On : 15 Nov 2018 01:34
Operator : SY/AP
Sample : J5944-08
Misc : 6.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETH0

Quant Time: Nov 15 03:42:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 15 03:38:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	61892	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	59218	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	26114	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	12541	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.28%
7) Chloroethane-d5	2.89	69	10490	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.08%
10) 1,1-Dichloroethene-d2	4.01	63	27008	18.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.60%
20) 2-Butanone-d5	7.08	46	11676	38.56	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.12%
24) Chloroform-d	7.65	84	36982	26.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.96%
26) 1,2-Dichloroethane-d4	8.31	65	22188	28.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.76%
29) Benzene-d6	8.28	84	76096	24.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.32%
33) 1,2-Dichloropropane-d6	9.28	67	23801	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.33	98	76701	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.76%
38) trans-1,3-Dichloropropene-	10.58	79	9615	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.93	63	9459	40.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	18650	22.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	26051	26.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.36%

Target Compounds

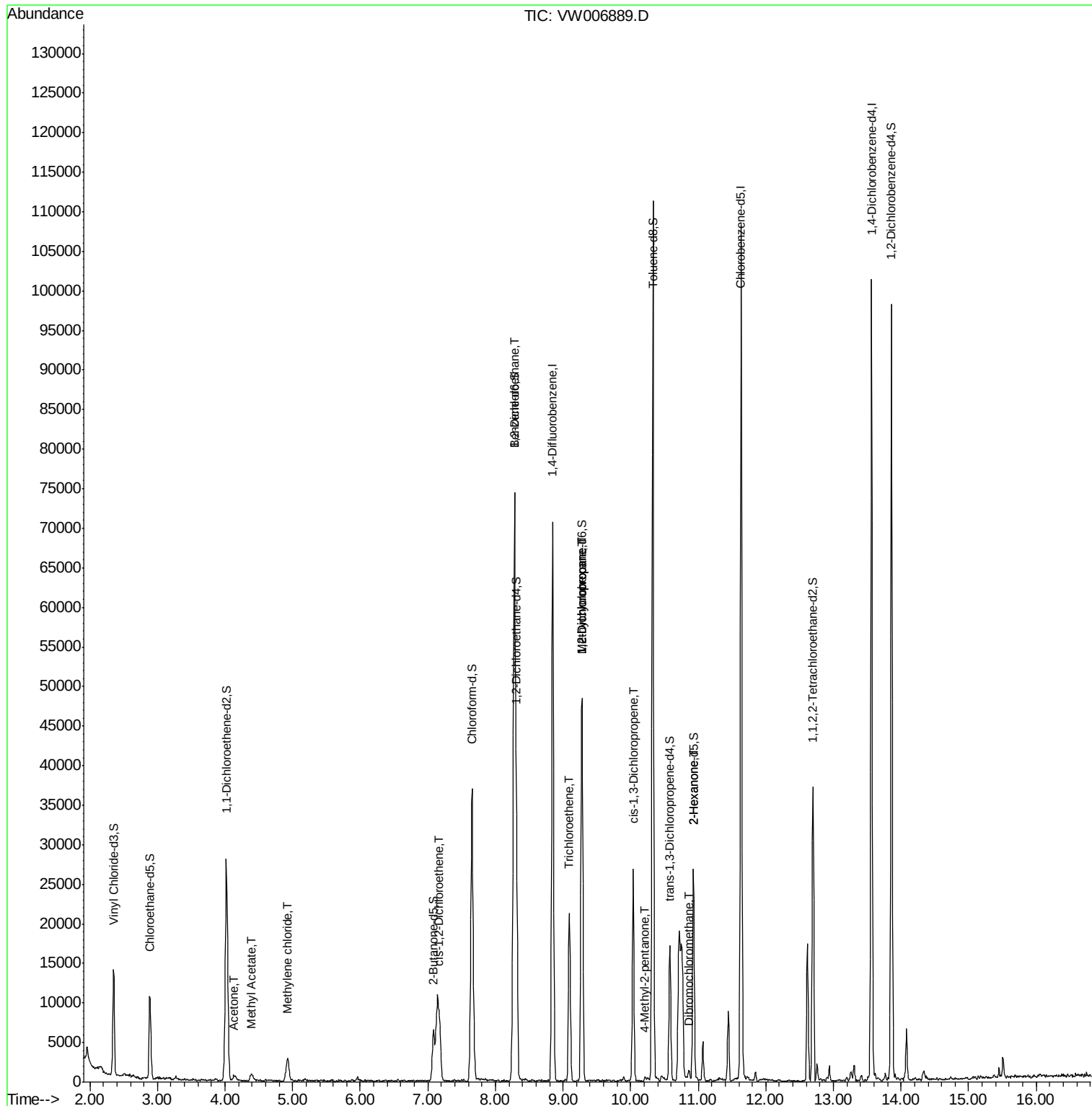
					Qvalue
13) Acetone	4.13	43	1153	5.910 ug/L	77
15) Methyl Acetate	4.39	43	365	0.768 ug/L #	52
16) Methylene chloride	4.92	84	2194	2.027 ug/L	85
22) cis-1,2-Dichloroethene	7.17	96	3535	4.289 ug/L	99
27) 1,2-Dichloroethane	8.27	62	401	0.448 ug/L #	76
35) Trichloroethene	9.10	95	7678	8.512 ug/L	97
36) Methylcyclohexane	9.28	83	5330	3.074 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	2442	2.993 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	679	0.551 ug/L	90
43) 4-Methyl-2-pentanone	10.21	43	431	0.674 ug/L #	73
49) 2-Hexanone	10.93	43	1049	2.216 ug/L #	66
50) Dibromochloromethane	10.85	129	303	0.449 ug/L #	10

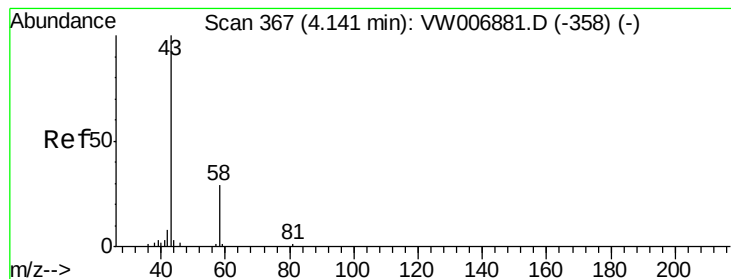
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 15 03:38:37 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.910 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006889.D

Acq: 15 Nov 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

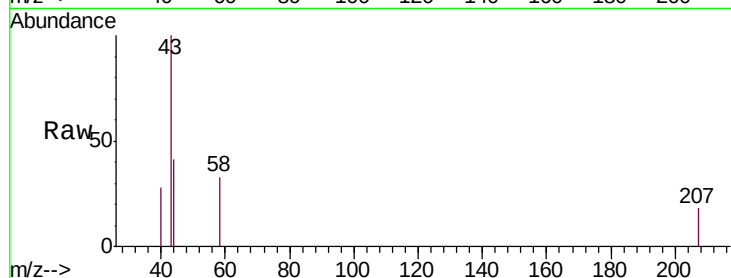
ETH0

Tgt Ion: 43 Resp: 1153

Ion Ratio Lower Upper

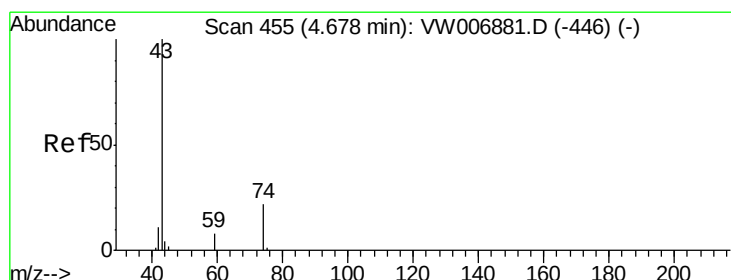
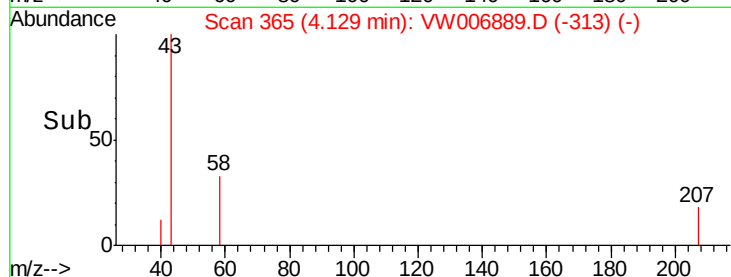
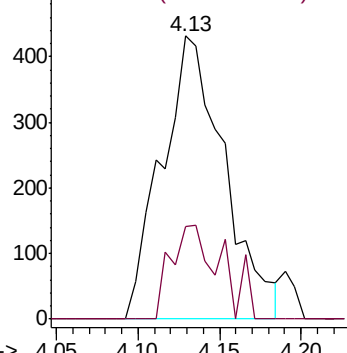
43 100

58 19.8 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.768 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.29 min

Lab File: VW006889.D

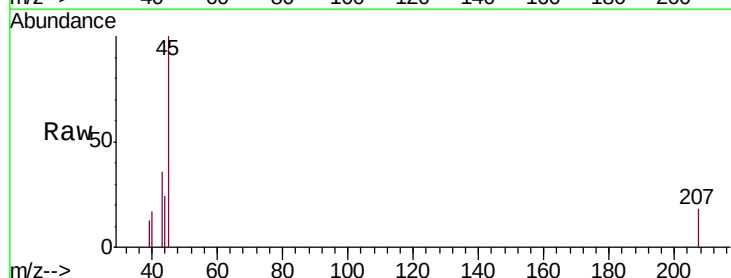
Acq: 15 Nov 2018 01:34

Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

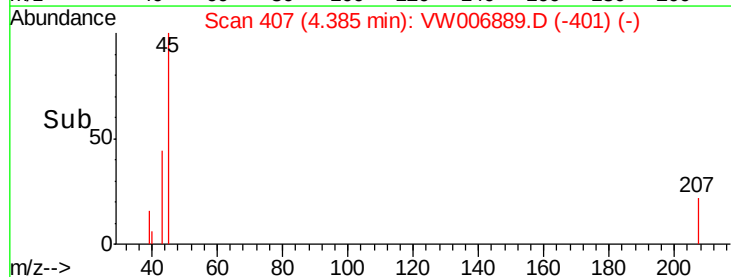
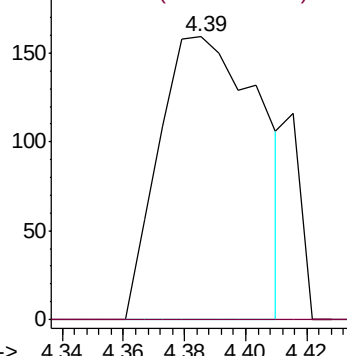
43 100

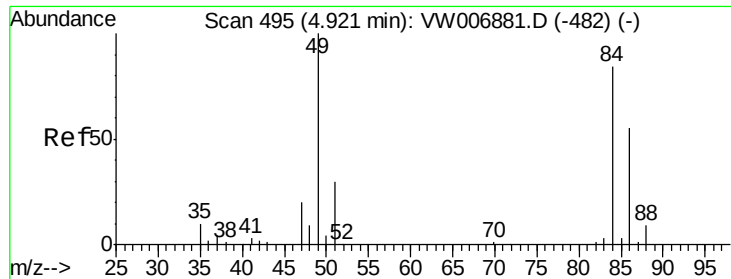
74 0.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

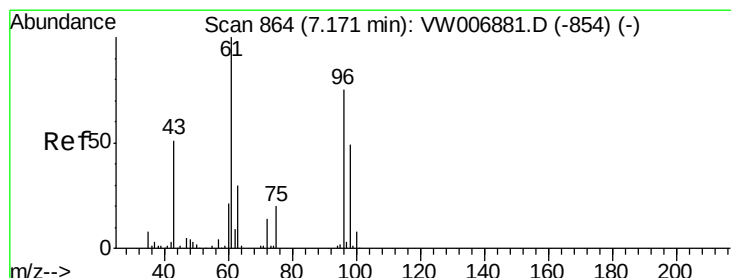
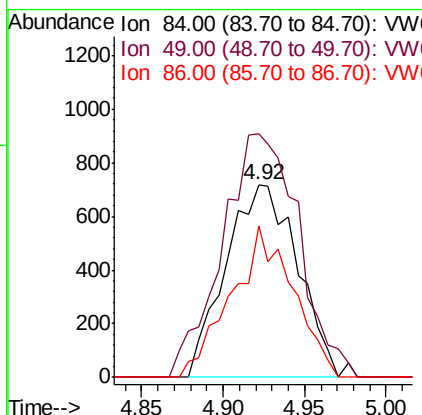
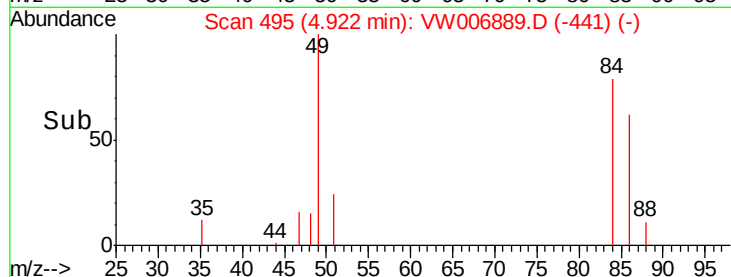
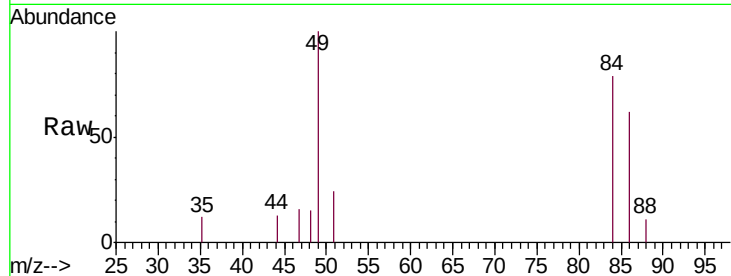




#16
Methylene chloride
Concen: 2.027 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

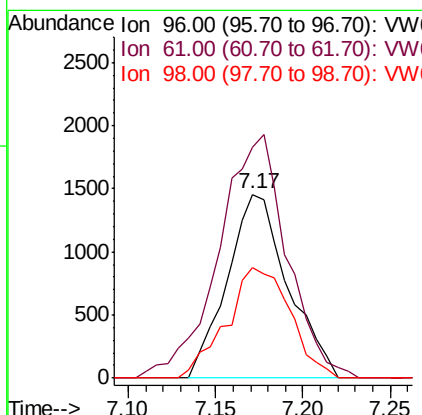
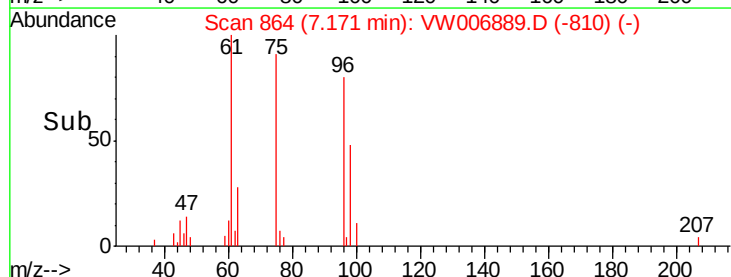
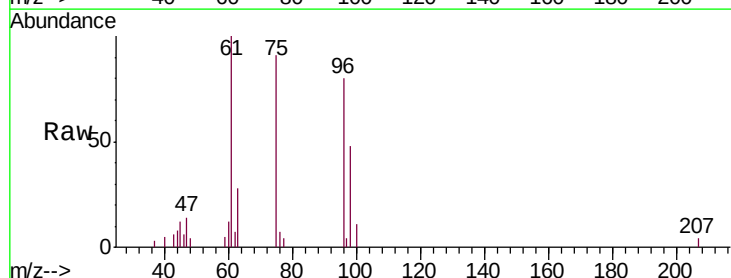
Instrument :
MSVOA_W
ClientSampled :
ETH0

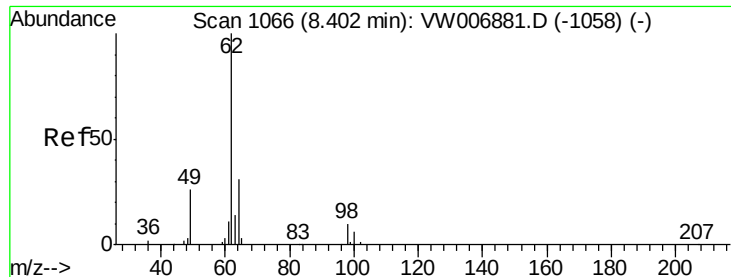
Tgt Ion: 84 Resp: 2194
Ion Ratio Lower Upper
84 100
49 126.3 79.3 147.3
86 78.7 43.5 80.9



#22
cis-1,2-Dichloroethene
Concen: 4.289 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

Tgt Ion: 96 Resp: 3535
Ion Ratio Lower Upper
96 100
61 125.5 88.1 163.7
98 59.9 43.1 80.1

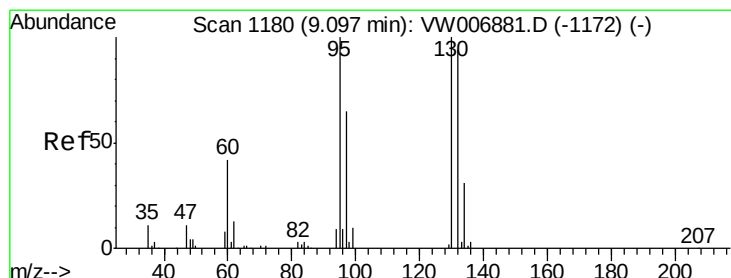
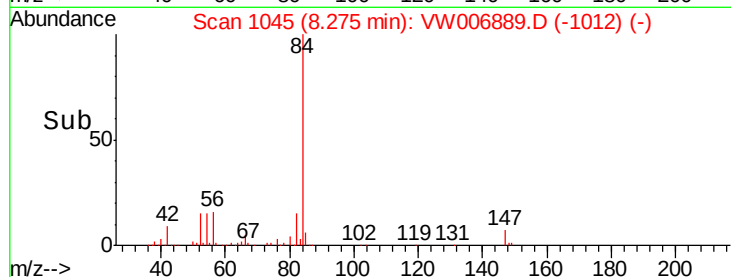
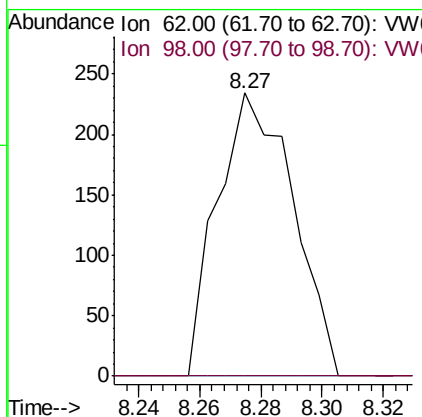
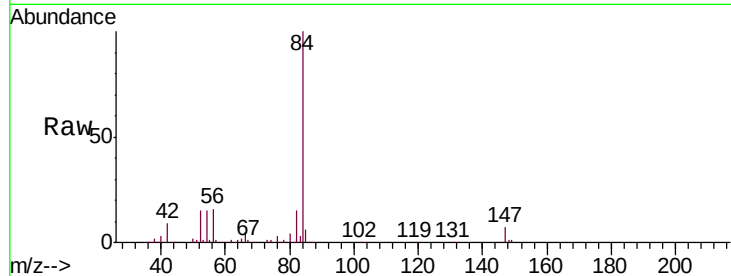




#27
1,2-Dichloroethane
Concen: 0.448 ug/L
RT: 8.27 min Scan# 1045
Delta R.T. -0.13 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

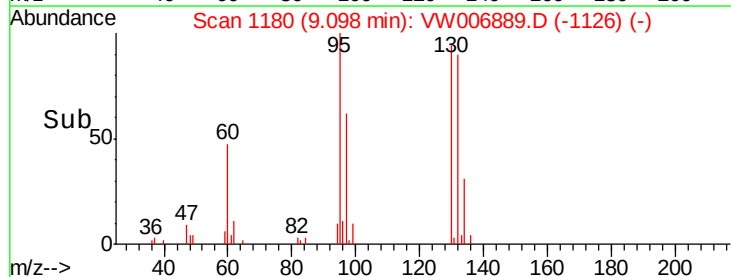
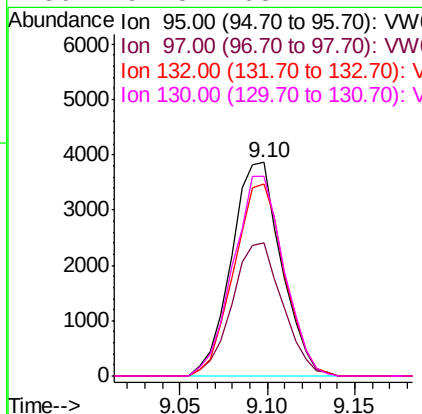
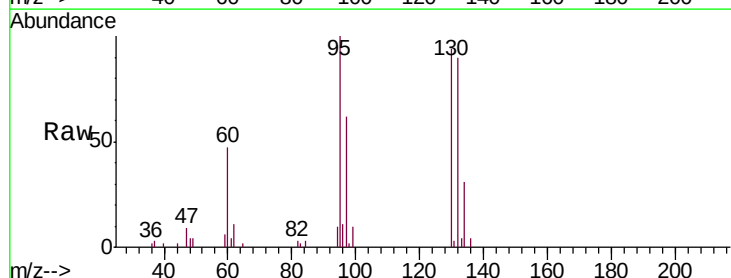
Instrument :
MSVOA_W
ClientSampled :
ETH0

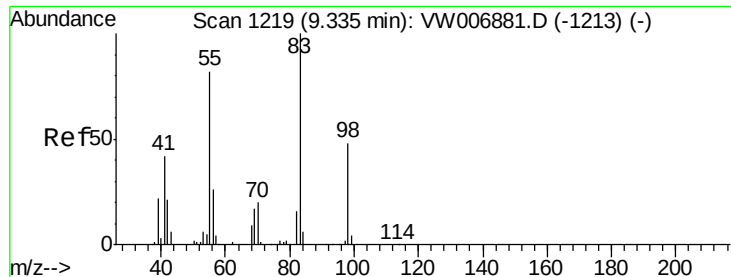
Tgt Ion: 62 Resp: 401
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#35
Trichloroethene
Concen: 8.512 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

Tgt Ion: 95 Resp: 7678
Ion Ratio Lower Upper
95 100
97 63.0 45.1 83.9
132 90.7 65.7 121.9
130 94.8 68.7 127.7

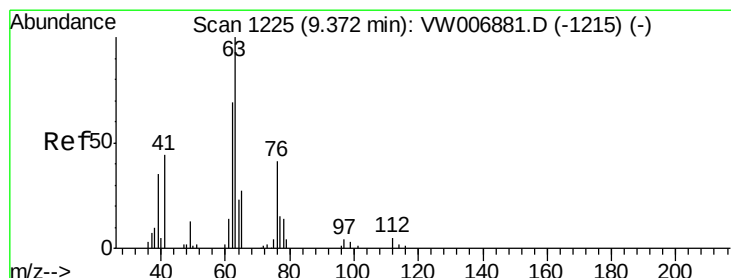
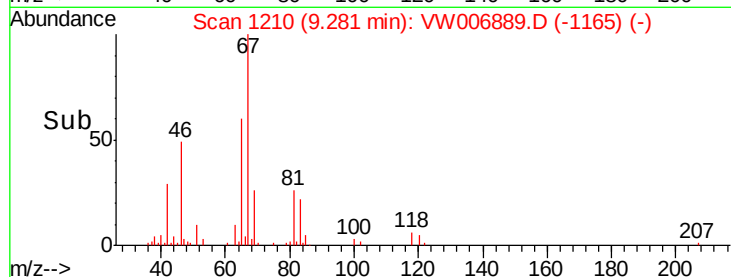
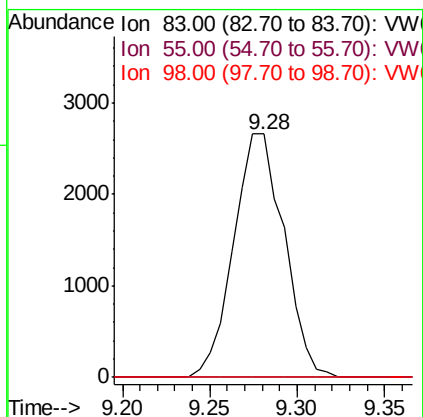
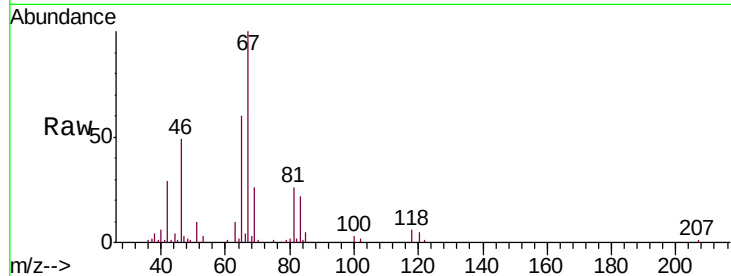




#36
Methylcyclohexane
Concen: 3.074 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

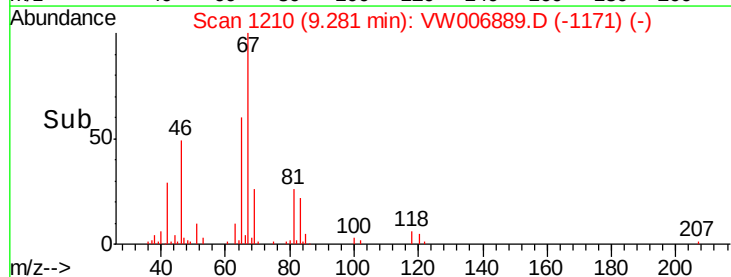
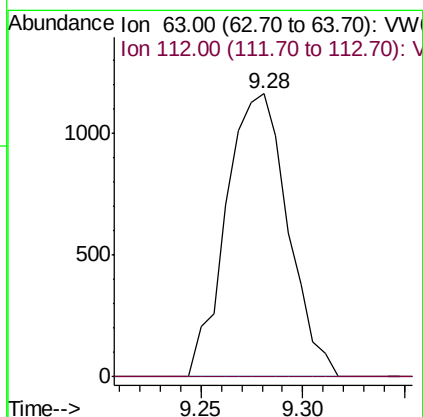
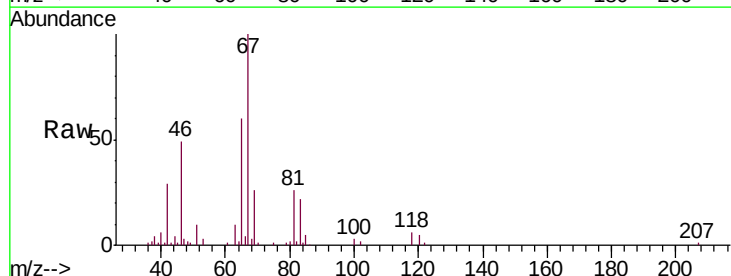
Instrument :
MSVOA_W
ClientSampled :
ETH0

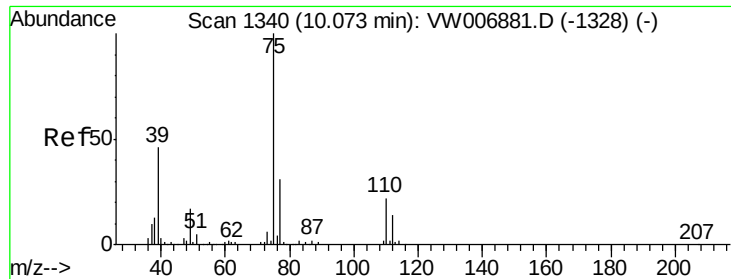
Tgt Ion: 83 Resp: 5330
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.0 36.5 54.7#



#40
1,2-Dichloropropane
Concen: 2.993 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

Tgt Ion: 63 Resp: 2442
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#42

cis-1,3-Dichloropropene

Concen: 0.551 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006889.D

Acq: 15 Nov 2018 01:34

Instrument :

MSVOA_W

ClientSampled :

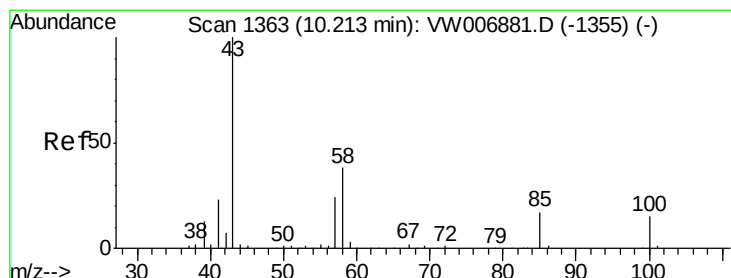
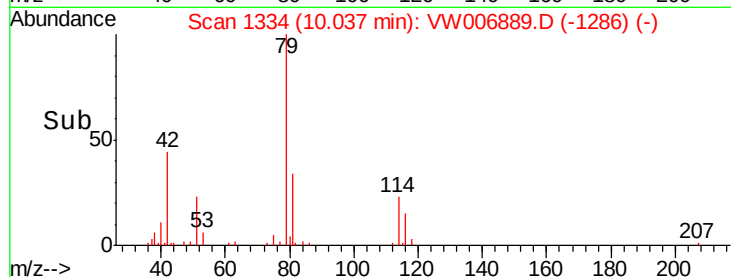
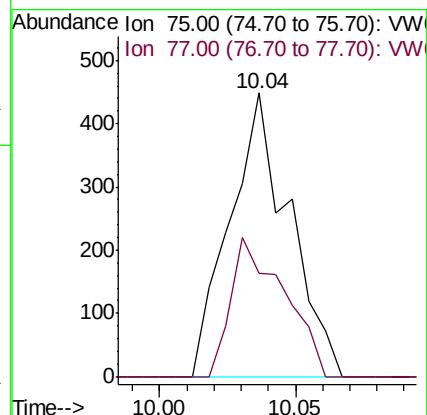
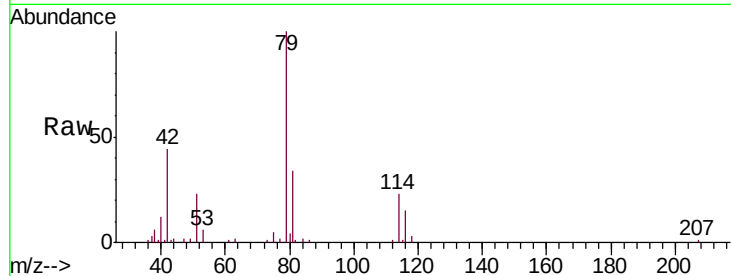
ETH0

Tgt Ion: 75 Resp: 679

Ion Ratio Lower Upper

75 100

77 36.6 21.9 40.7



#43

4-Methyl-2-pentanone

Concen: 0.674 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006889.D

Acq: 15 Nov 2018 01:34

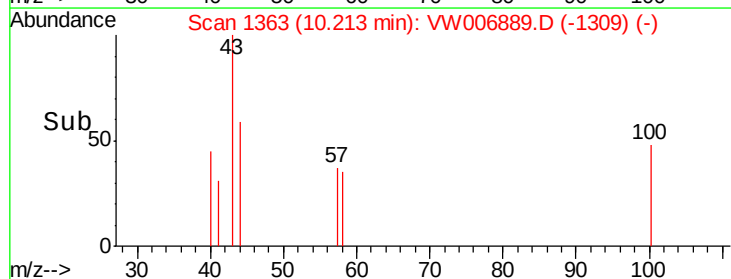
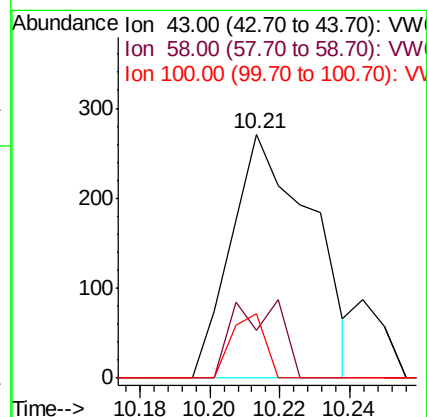
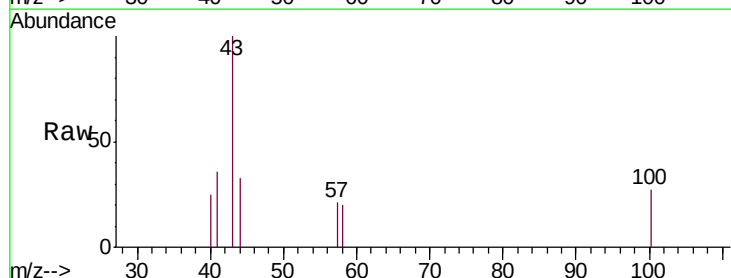
Tgt Ion: 43 Resp: 431

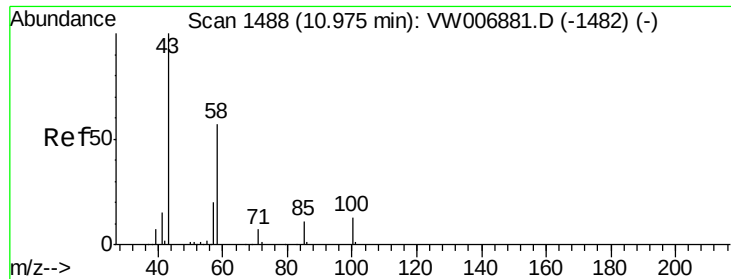
Ion Ratio Lower Upper

43 100

58 19.0 31.6 47.4#

100 11.1 12.3 18.5#

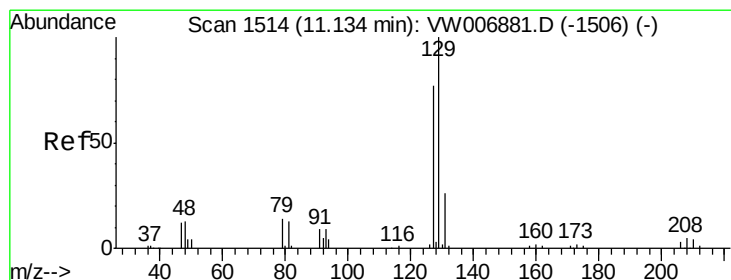
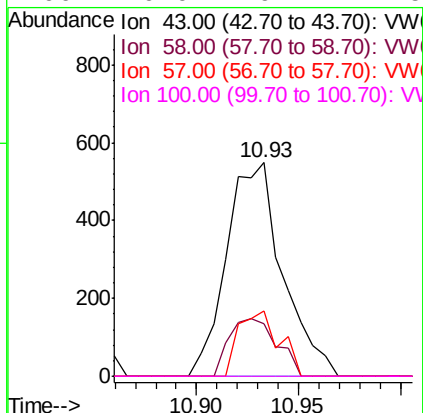
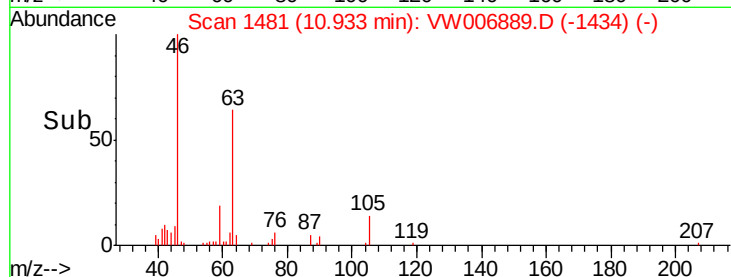
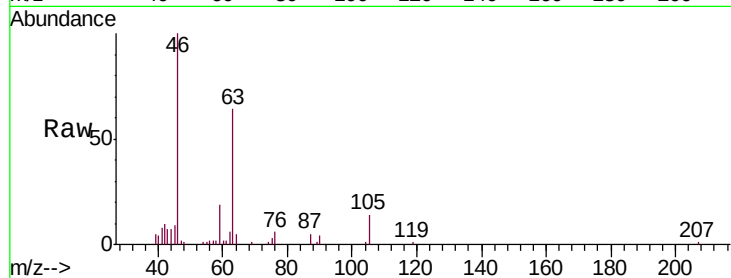




#49
2-Hexanone
Concen: 2.216 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

Instrument :
MSVOA_W
ClientSampled :
ETH0

Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 22.9 44.6 67.0#
57 21.8 16.0 24.0
100 0.0 9.7 14.5#



#50
Dibromochloromethane
Concen: 0.449 ug/L
RT: 10.85 min Scan# 1468
Delta R.T. -0.28 min
Lab File: VW006889.D
Acq: 15 Nov 2018 01:34

Tgt Ion: 129 Resp: 303
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

