

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010204.D
 Acq On : 30 Apr 2019 04:01
 Operator : SY/VA
 Sample : K2606-04
 Misc : 4.86G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 06:55:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	20419	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	21272	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	7361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	4004	17.28	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.12%
7) Chloroethane-d5	2.89	69	5565	29.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.20%
10) 1,1-Dichloroethene-d2	4.03	63	7797	15.14	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.56%
20) 2-Butanone-d5	7.08	46	4865	56.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.88%
24) Chloroform-d	7.65	84	13277	25.09	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	8.30	65	9377	30.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.36%
29) Benzene-d6	8.27	84	19454	16.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.92%
33) 1,2-Dichloropropane-d6	9.27	67	7723	21.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.32%
37) Toluene-d8	10.32	98	14050	13.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.96%
38) trans-1,3-Dichloropropene-	10.58	79	3017	18.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.20%
39) 2-Hexanone-d5	10.93	63	3353	44.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	8746	28.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	6011	21.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.92%

Target Compounds

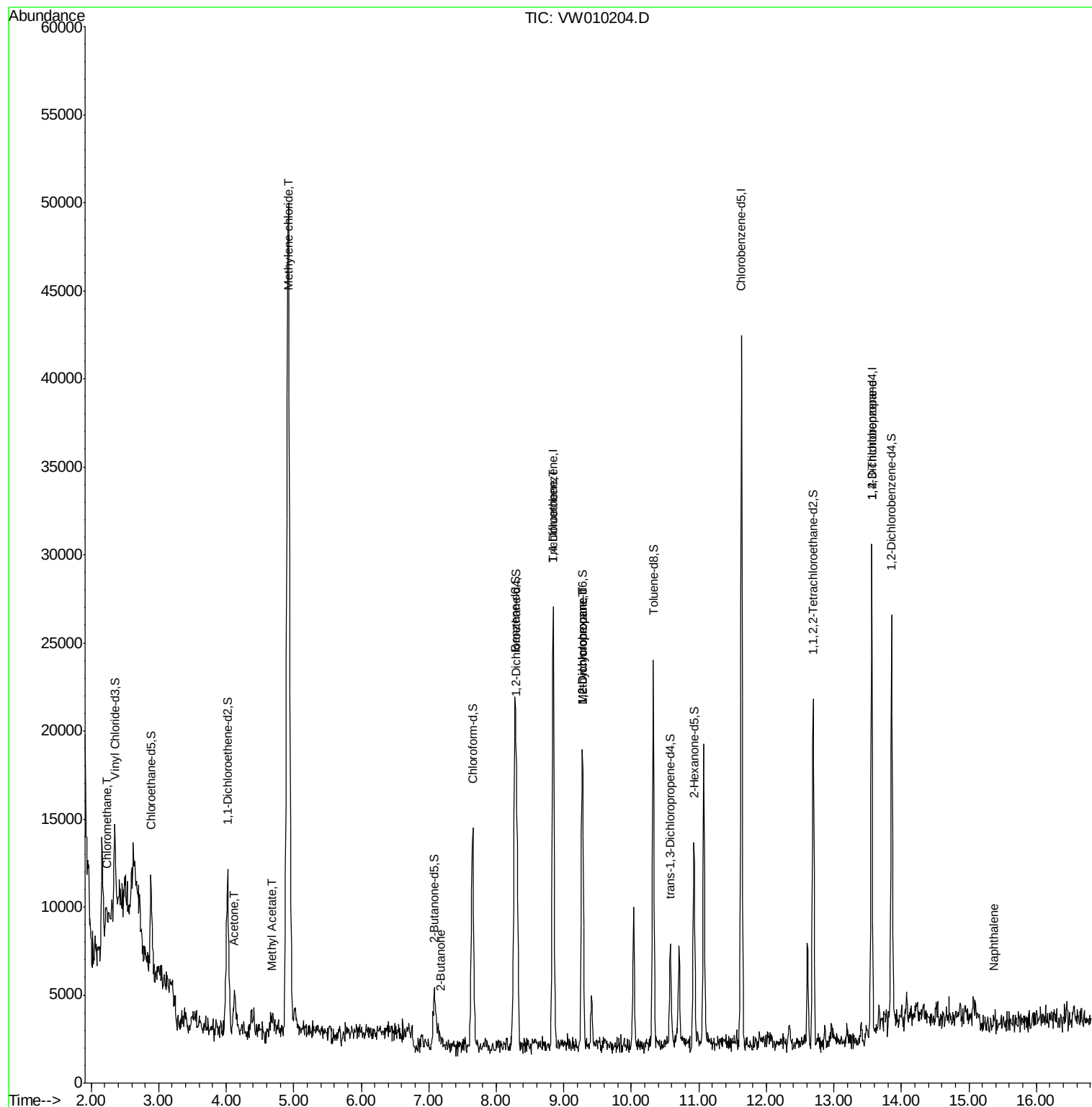
					Ovalue
3) Chloromethane	2.24	50	180	0.746 ug/L	89
13) Acetone	4.12	43	2445	36.212 ug/L	95
15) Methyl Acetate	4.67	43	935	6.378 ug/L	100
16) Methylene chloride	4.92	84	33396	98.288 ug/L	94
21) 2-Butanone	7.18	43	371	3.918 ug/L #	50
35) Trichloroethene	8.85	95	383	1.203 ug/L #	4
36) Methylcyclohexane	9.27	83	1973	3.725 ug/L #	30
40) 1,2-Dichloropropane	9.27	63	636	2.053 ug/L #	85
59) 1,2,3-Trichloropropane	13.56	75	787	3.662 ug/L #	44
69) Naphthalene	15.36	128	858	1.513 ug/L #	87

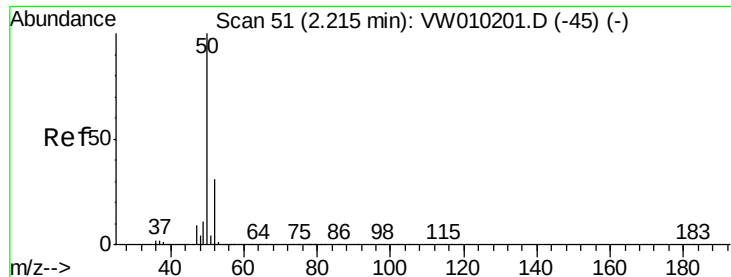
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Apr 29 15:05:07 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.746 ug/L

RT: 2.24 min Scan# 55

Delta R.T. 0.02 min

Lab File: VW010204.D

Acq: 30 Apr 2019 04:01

Instrument :

MSVOA_W

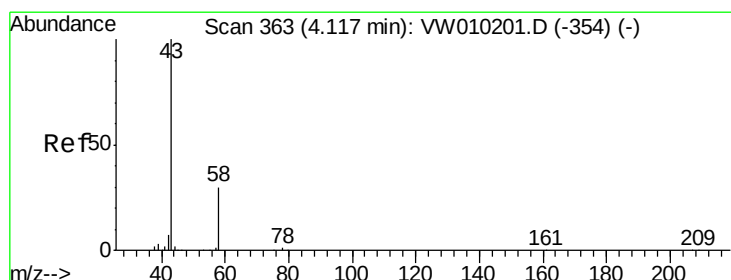
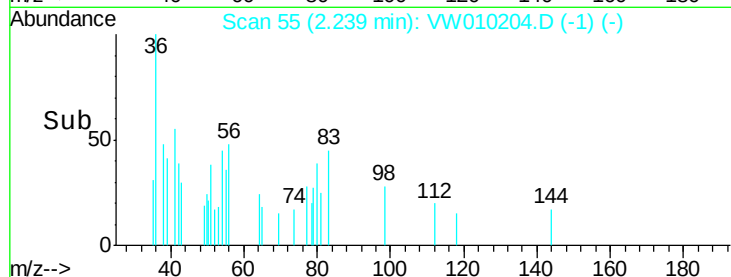
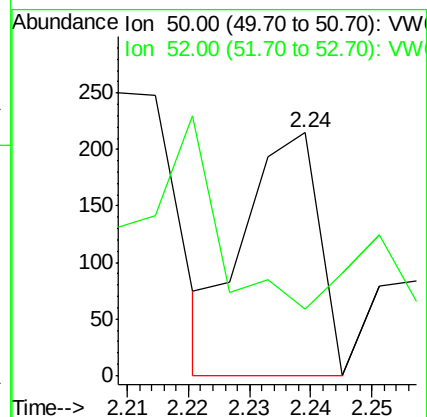
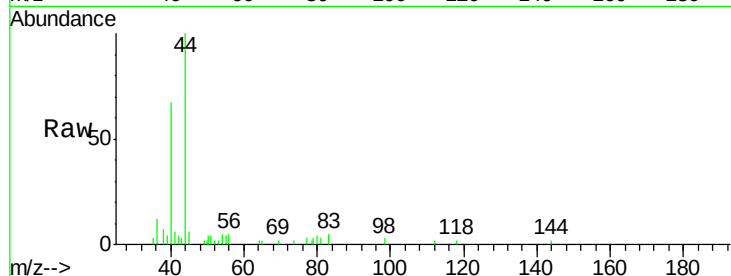
ClientSampled :

Tot Ion: 50 Resp: 180

Ion Ratio Lower Upper

50 100

52 27.4 23.6 43.8



#13

Acetone

Concen: 36.212 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010204.D

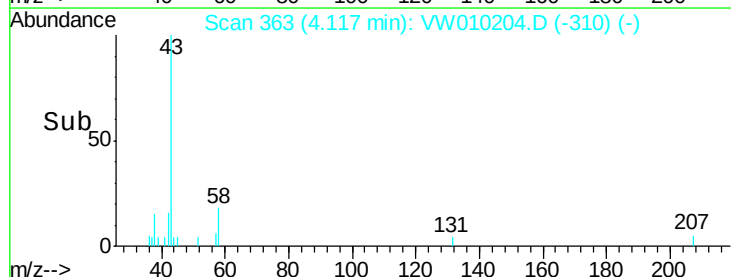
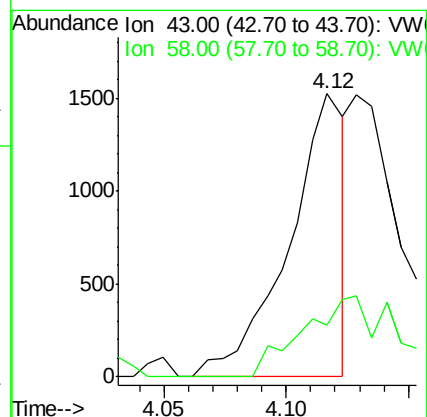
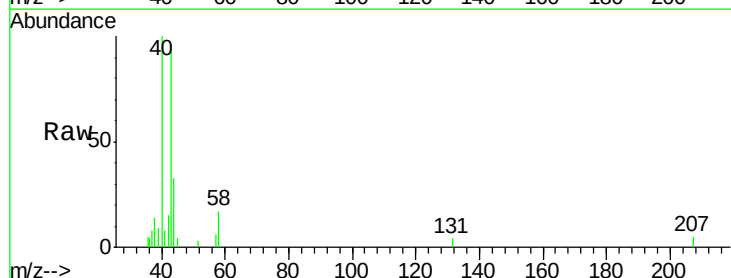
Acq: 30 Apr 2019 04:01

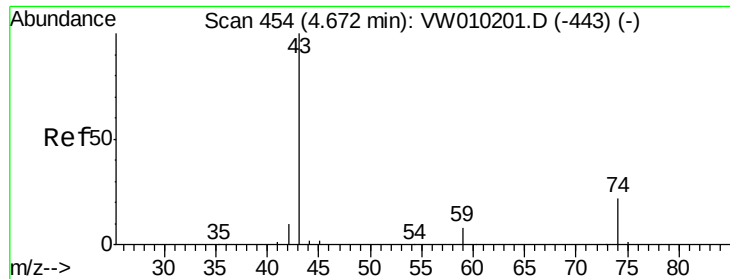
Tgt Ion: 43 Resp: 2445

Ion Ratio Lower Upper

43 100

58 32.6 0.0 59.8

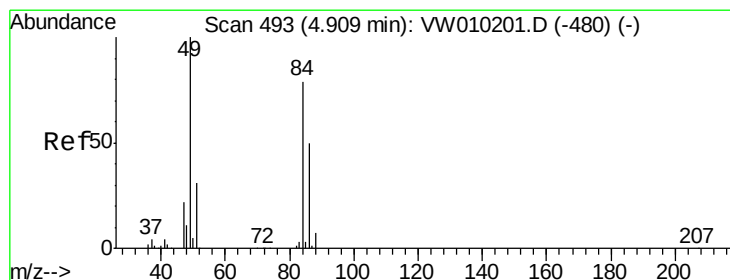
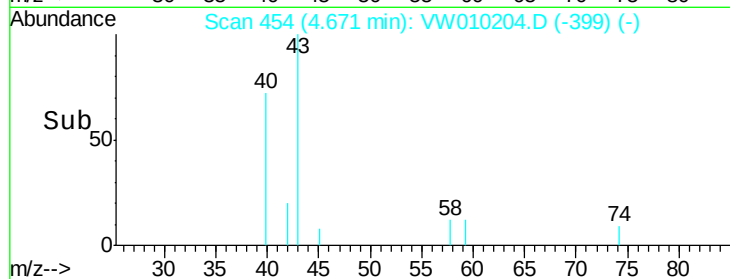
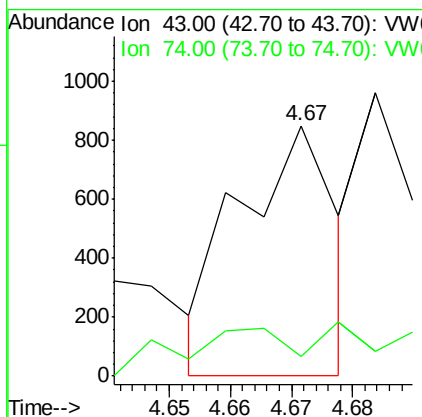
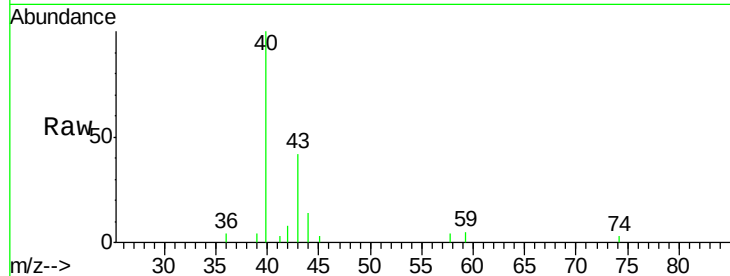




#15
Methvl Acetate
Concen: 6.378 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW010204.D
Acq: 30 Apr 2019 04:01

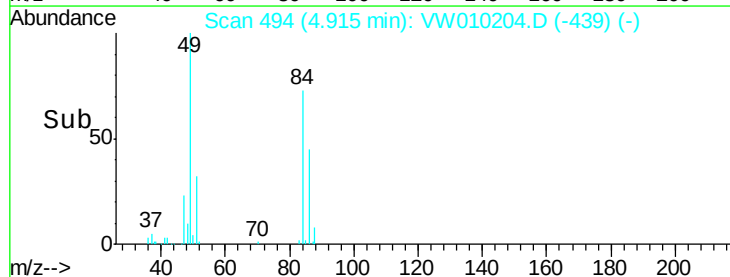
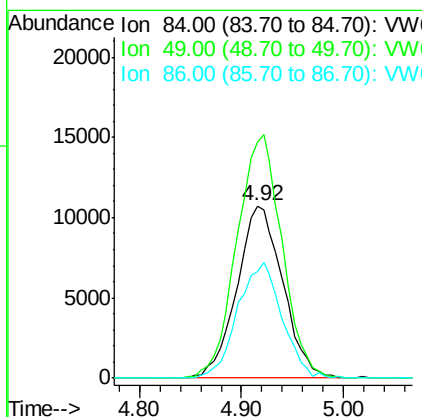
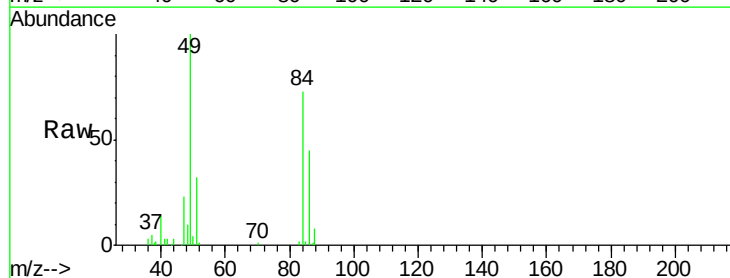
Instrument :
MSVOA_W
ClientSampled :

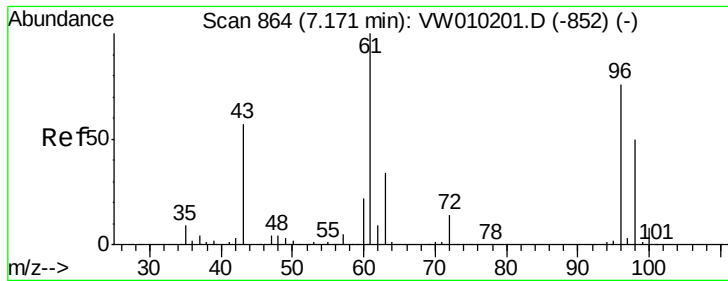
Tot Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3



#16
Methylene chloride
Concen: 98.288 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010204.D
Acq: 30 Apr 2019 04:01

Tgt Ion: 84 Resp: 33396
Ion Ratio Lower Upper
84 100
49 137.1 90.2 167.6
86 62.1 46.3 86.1





#21

2-Butanone

Concen: 3.918 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010204.D

Acq: 30 Apr 2019 04:01

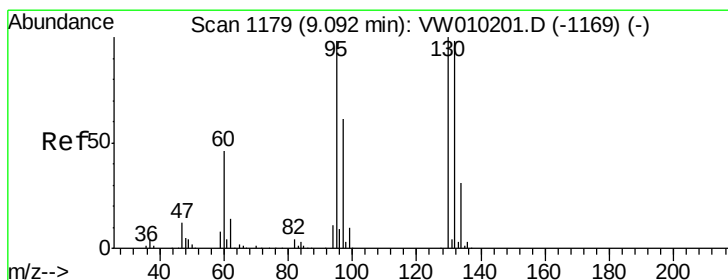
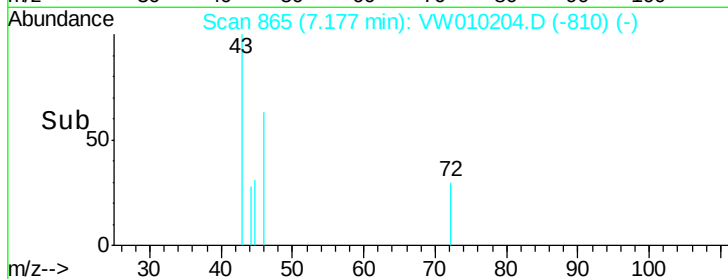
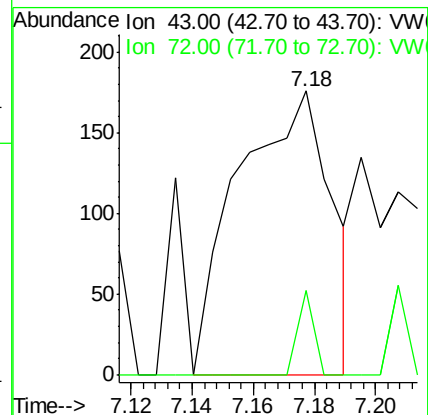
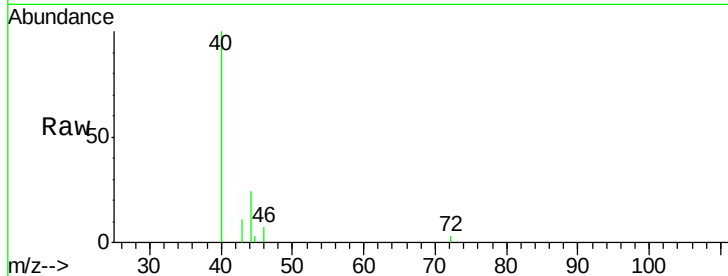
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

72 0.0 12.8 38.3#



#35

Trichloroethene

Concen: 1.203 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW010204.D

Acq: 30 Apr 2019 04:01

Tgt Ion: 95 Resp: 383

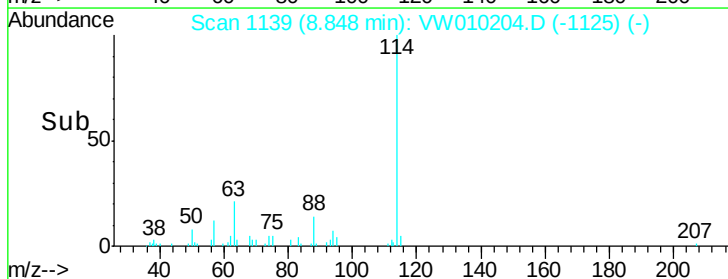
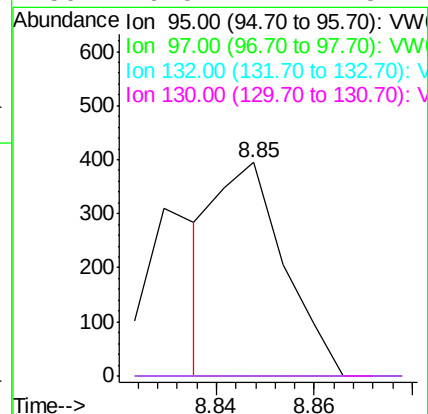
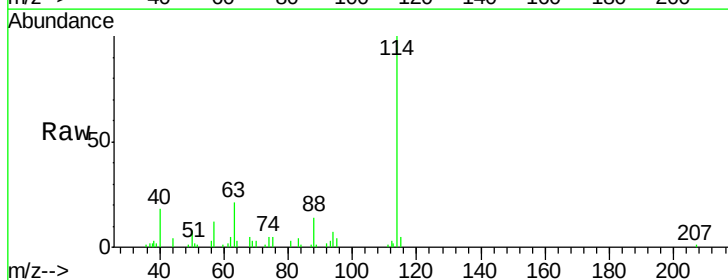
Ion Ratio Lower Upper

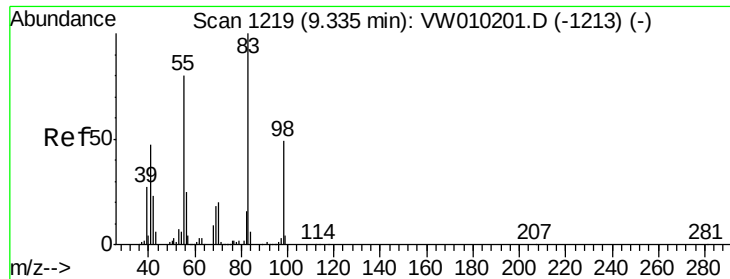
95 100

97 0.0 45.4 84.2#

132 0.0 69.2 128.6#

130 0.0 72.2 134.2#

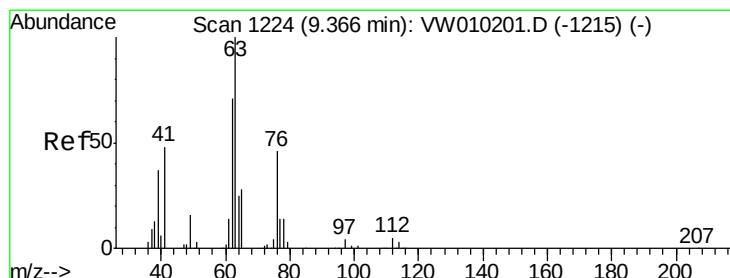
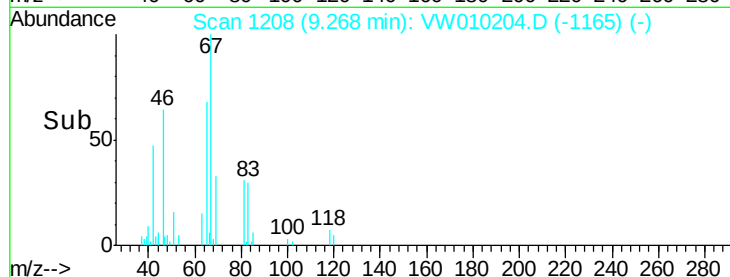
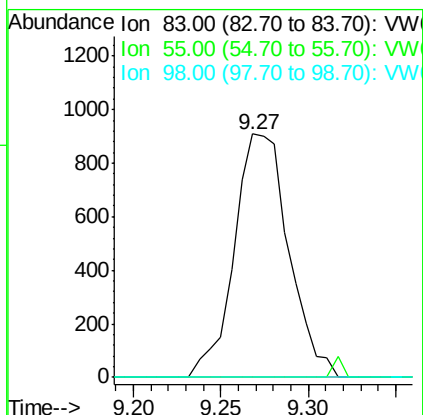
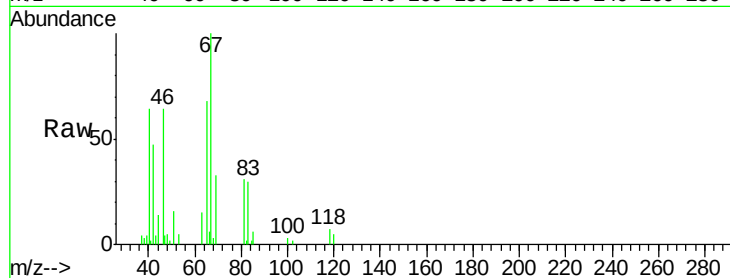




#36
Methylcyclohexane
Concen: 3.725 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
Lab File: VW010204.D
Acq: 30 Apr 2019 04:01

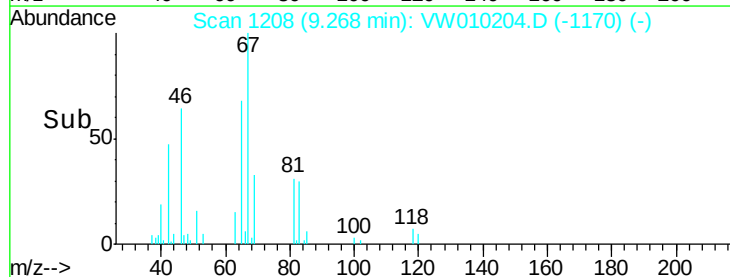
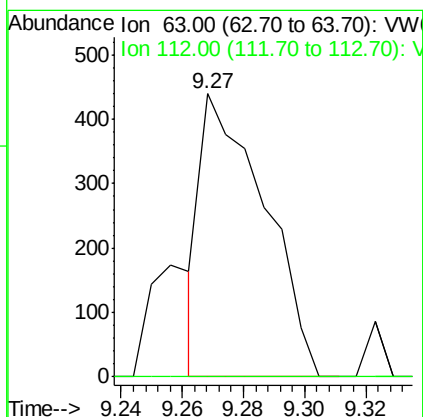
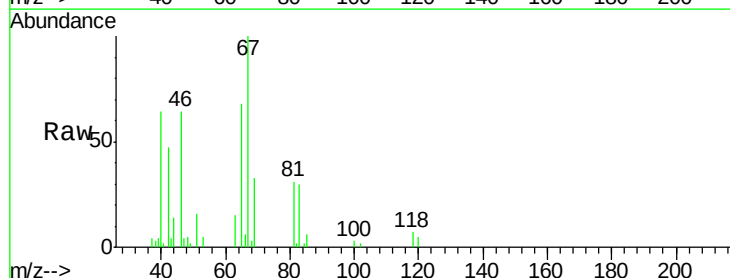
Instrument :
MSVOA_W
ClientSampled :

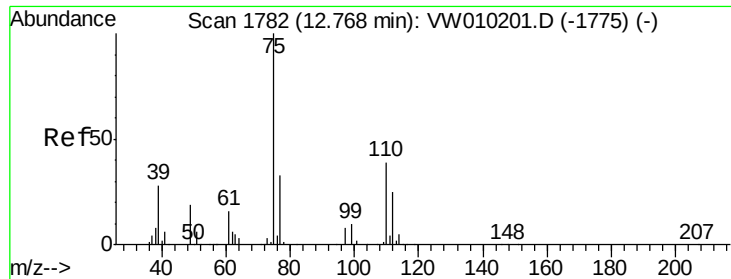
Tot Ion: 83 Resp: 1973
Ion Ratio Lower Upper
83 100
55 20.3 64.5 96.7#
98 0.0 39.4 59.2#



#40
1,2-Dichloropropane
Concen: 2.053 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW010204.D
Acq: 30 Apr 2019 04:01

Tgt Ion: 63 Resp: 636
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

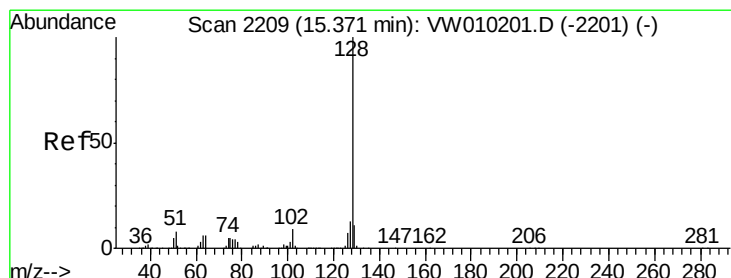
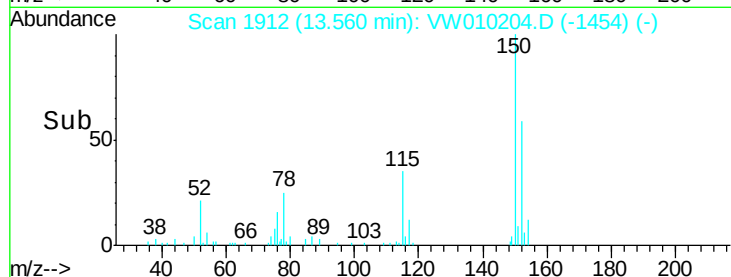
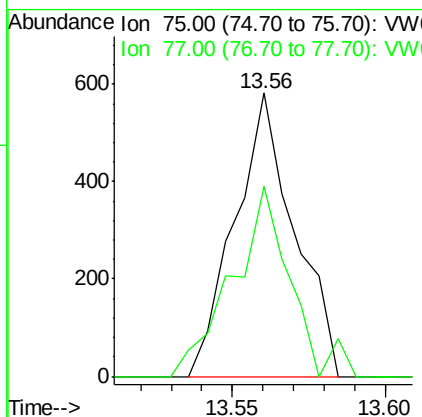
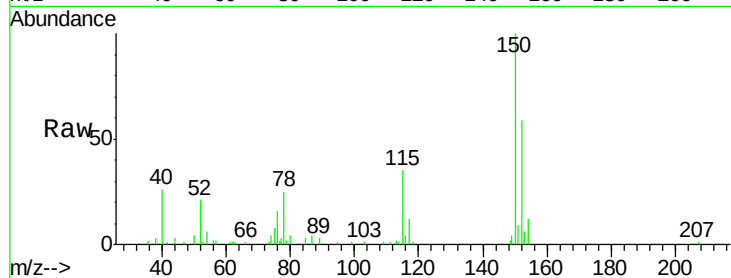




#59
 1,2,3-Trichloropropane
 Concen: 3.662 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW010204.D
 Acq: 30 Apr 2019 04:01

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 787
 Ion Ratio Lower Upper
 75 100
 77 61.9 25.0 37.4#



#69
 Naphthalene
 Concen: 1.513 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: VW010204.D
 Acq: 30 Apr 2019 04:01

Tgt Ion: 128 Resp: 858
 Ion Ratio Lower Upper
 128 100
 129 9.9 8.6 12.8
 127 4.8 10.6 15.8#

