

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007345.D
 Acq On : 08 Dec 2018 09:29
 Operator : SY/AP
 Sample : J6270-14
 Misc : 6.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E13

Quant Time: Dec 10 05:55:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 10 05:52:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	129652	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	107848	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40528	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	29067	34.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	137.68%
7) Chloroethane-d5	2.90	69	22622	31.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.52%
10) 1,1-Dichloroethene-d2	4.01	63	67574	23.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.80%
20) 2-Butanone-d5	7.08	46	15769	29.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.24%
24) Chloroform-d	7.65	84	91283	29.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.40%
26) 1,2-Dichloroethane-d4	8.31	65	53050	30.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.92%
29) Benzene-d6	8.27	84	180309	30.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.12%
33) 1,2-Dichloropropane-d6	9.27	67	51645	30.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.60%#
37) Toluene-d8	10.32	98	165698	30.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.68%
38) trans-1,3-Dichloropropene-	10.58	79	17574	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	10.93	63	11767	29.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	37598	24.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	43254	30.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.36%#

Target Compounds

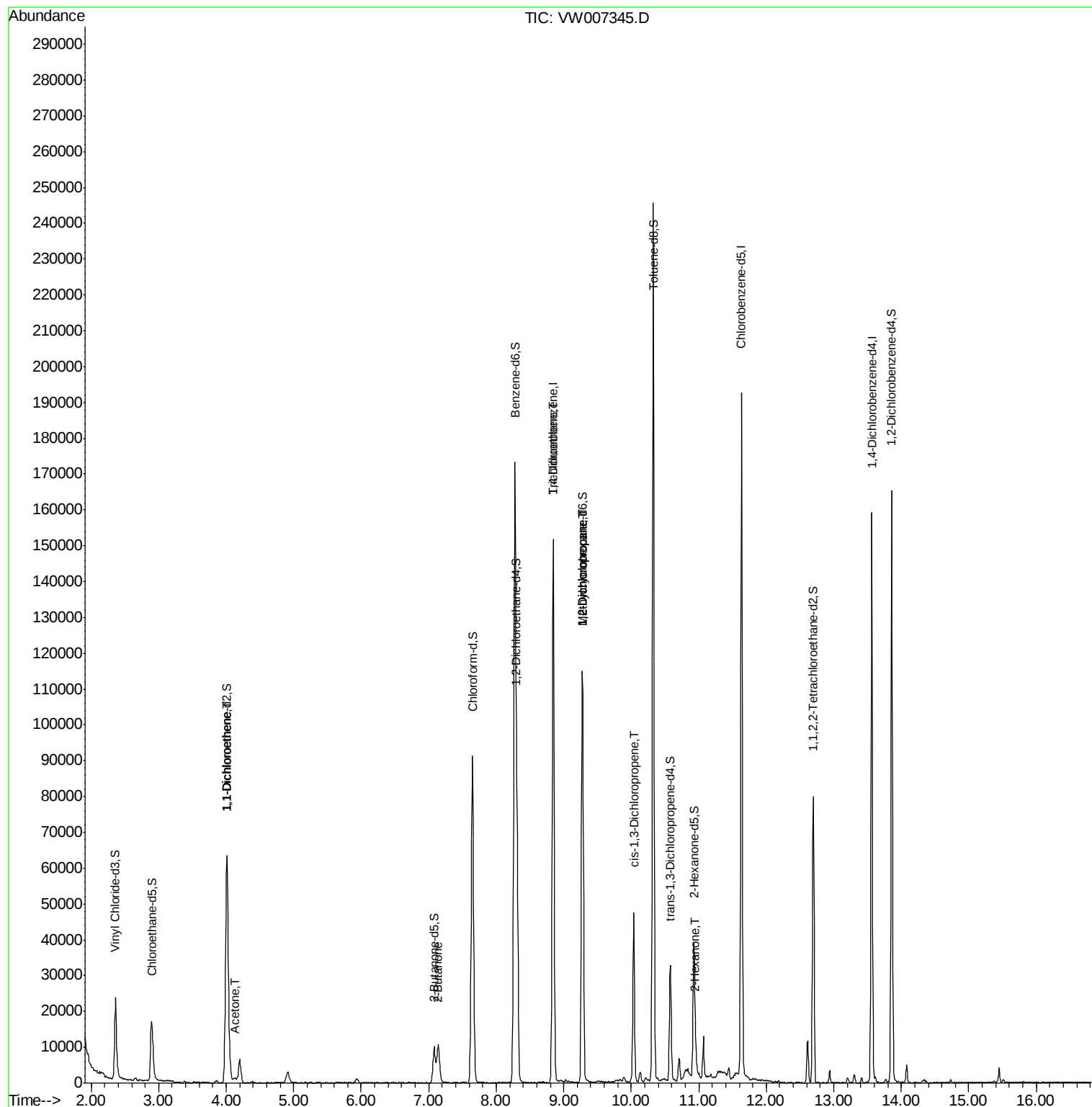
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.02	96	625	0.410	ug/L #	1
13) Acetone	4.12	43	1609	2.599	ug/L	71
21) 2-Butanone	7.13	43	1281	1.925	ug/L #	45
35) Trichloroethene	8.85	95	3991	2.251	ug/L #	4
36) Methylcyclohexane	9.27	83	13177	4.306	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	6355	4.203	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1186	0.467	ug/L #	69
49) 2-Hexanone	10.96	43	3798	4.515	ug/L #	42

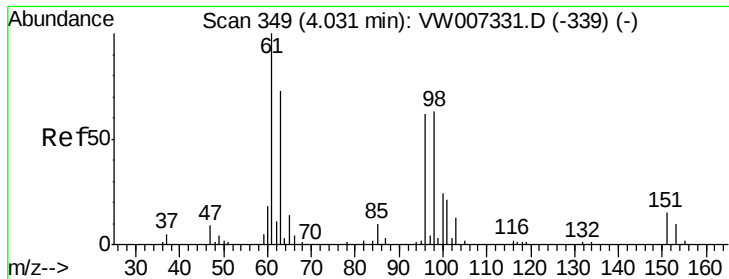
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 10 05:52:22 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.410 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.01 min

Lab File: VW007345.D

Acq: 08 Dec 2018 09:29

Instrument :

MSVOA_W

ClientSampled :

F9E13

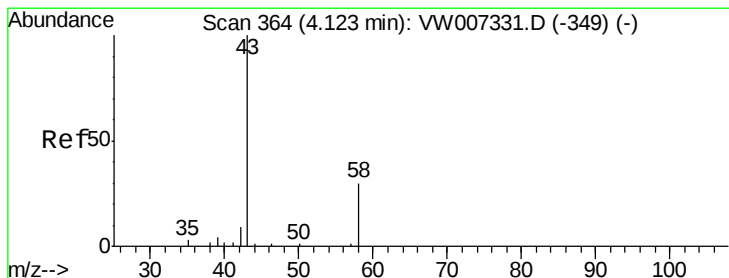
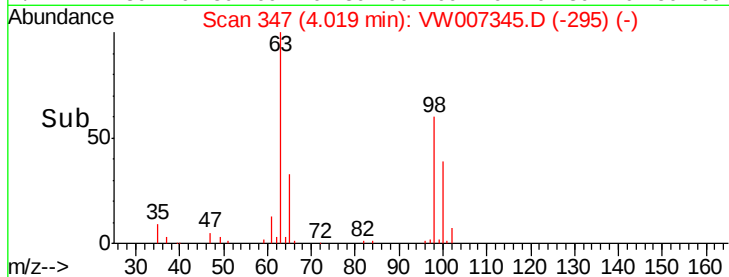
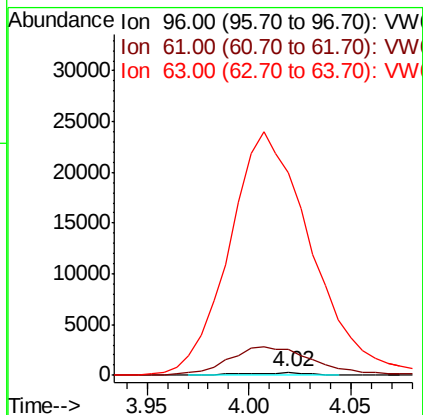
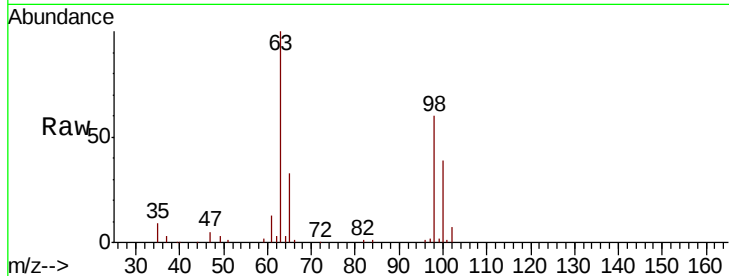
Tgt Ion: 96 Resp: 625

Ion Ratio Lower Upper

96 100

61 869.5 117.2 217.8#

63 6779.7 89.7 166.7#



#13

Acetone

Concen: 2.599 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007345.D

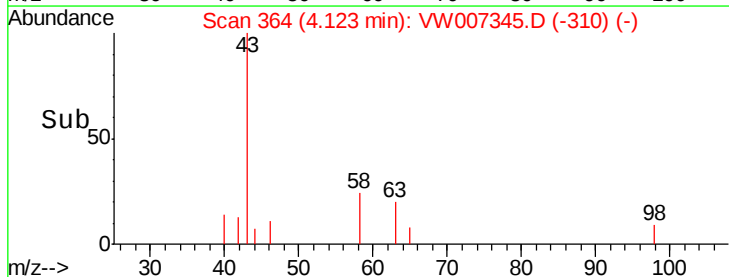
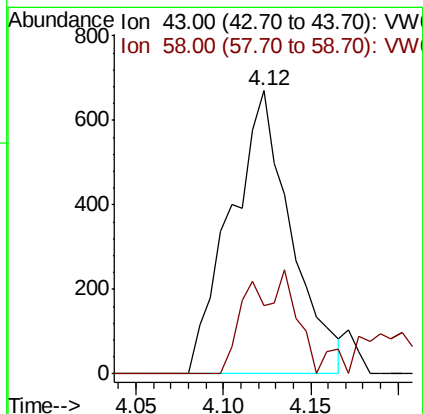
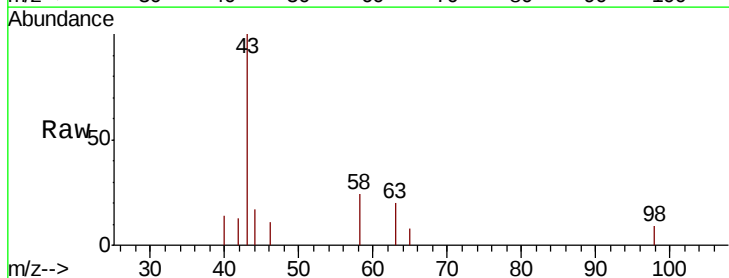
Acq: 08 Dec 2018 09:29

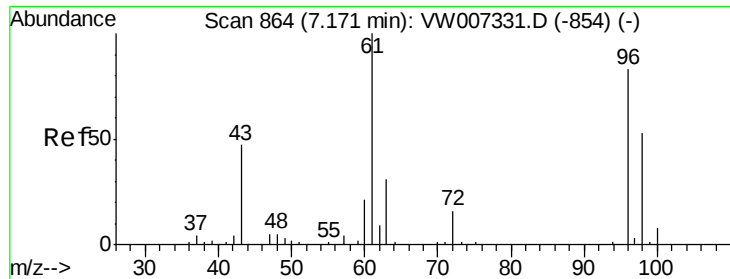
Tgt Ion: 43 Resp: 1609

Ion Ratio Lower Upper

43 100

58 14.2 0.0 59.2

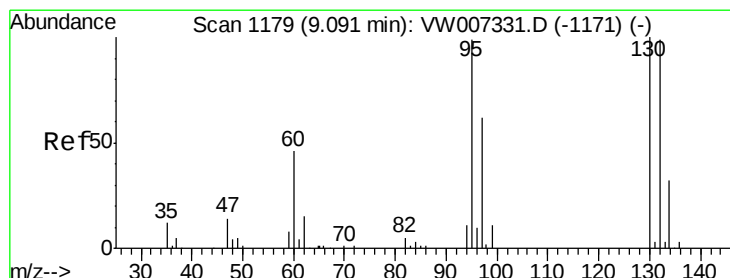
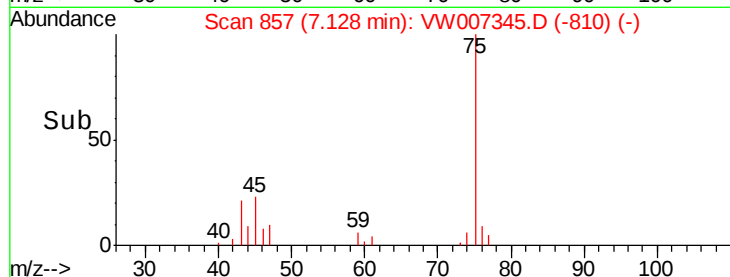
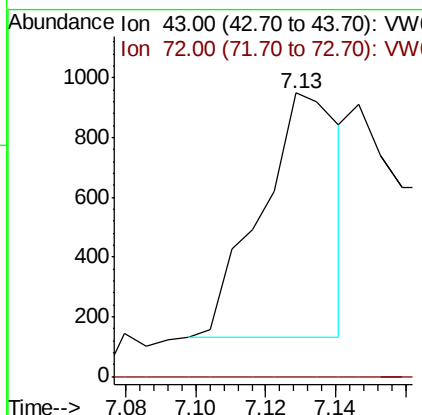
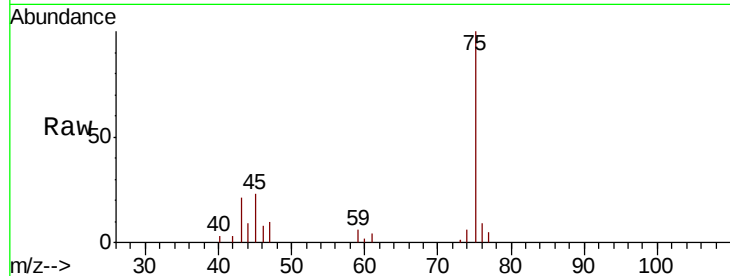




#21
2-Butanone
Concen: 1.925 ug/L
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW007345.D
Acq: 08 Dec 2018 09:29

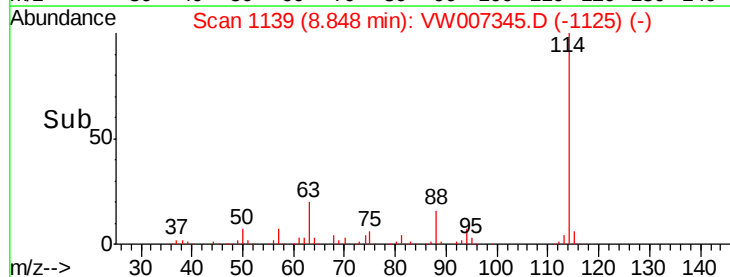
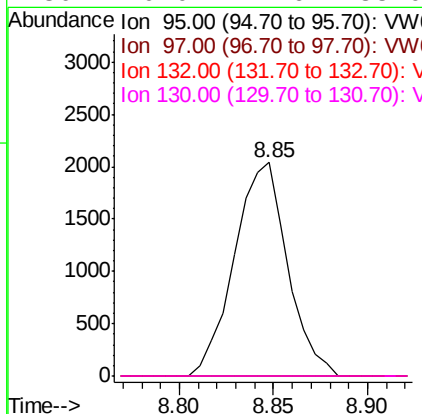
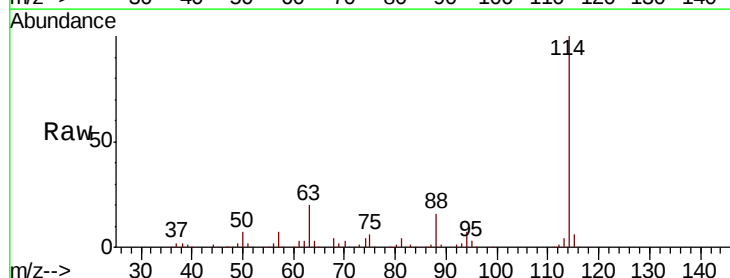
Instrument :
MSVOA_W
ClientSampled :
F9E13

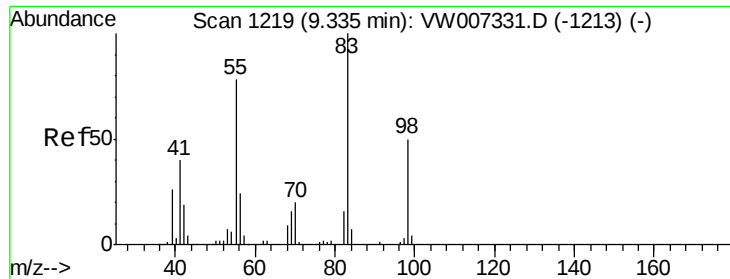
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
72 0.0 14.7 44.1#



#35
Trichloroethene
Concen: 2.251 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW007345.D
Acq: 08 Dec 2018 09:29

Tgt Ion: 95 Resp: 3991
Ion Ratio Lower Upper
95 100
97 0.0 45.8 85.0#
132 0.0 68.0 126.4#
130 0.0 71.6 133.0#

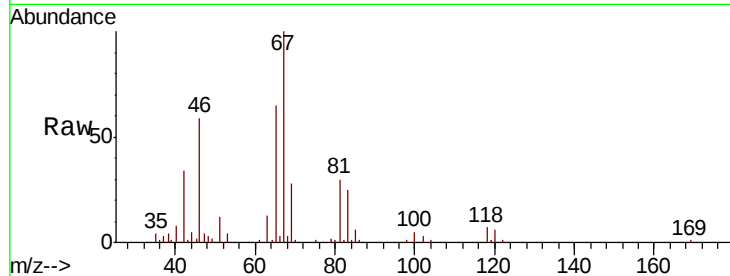




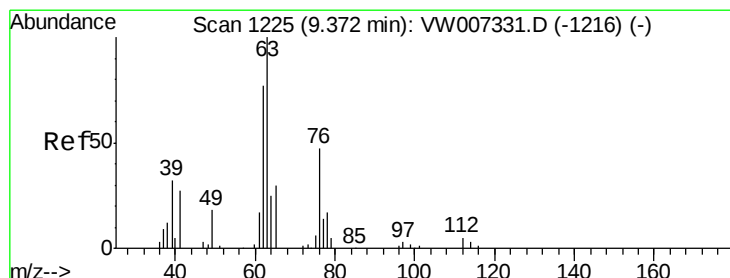
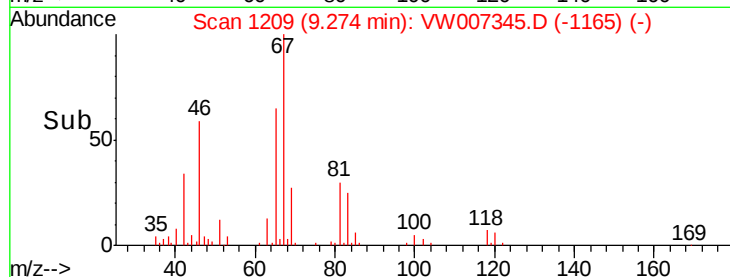
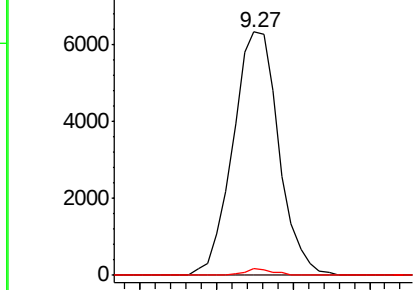
#36
Methylcyclohexane
Concen: 4.306 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007345.D
Acq: 08 Dec 2018 09:29

Instrument :
MSVOA_W
ClientSampled :
F9E13

Tgt Ion: 83 Resp: 13177
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 1.7 38.1 57.1#

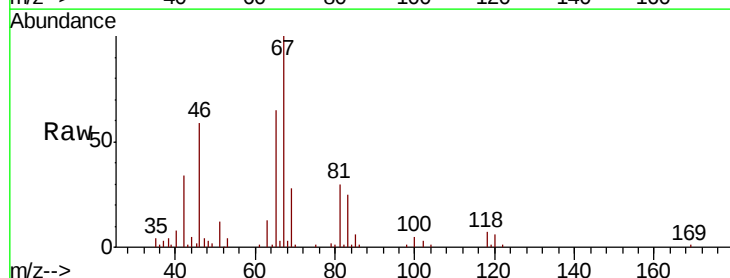


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

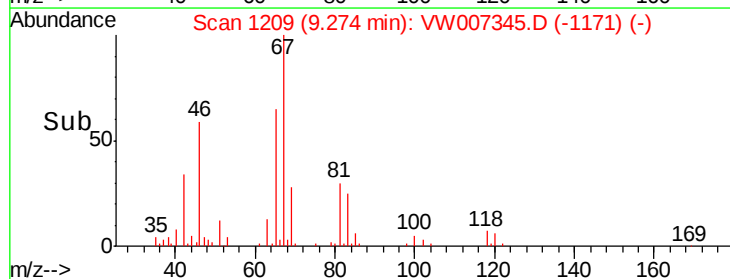
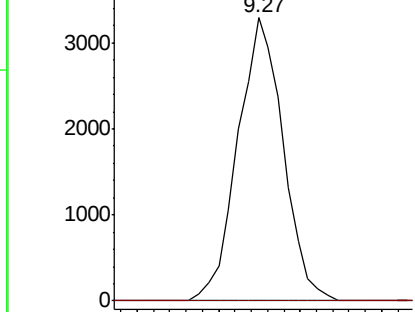


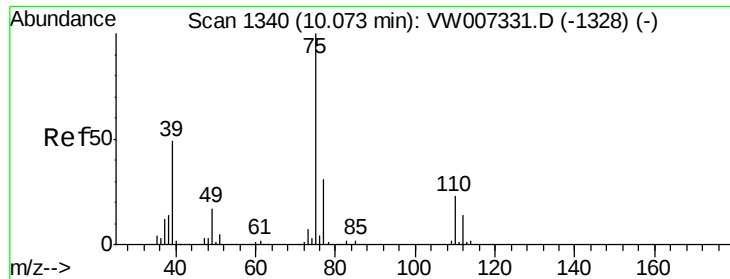
#40
1,2-Dichloropropane
Concen: 4.203 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007345.D
Acq: 08 Dec 2018 09:29

Tgt Ion: 63 Resp: 6355
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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: 0.467 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007345.D

Acq: 08 Dec 2018 09:29

Instrument :

MSVOA_W

ClientSampleId :

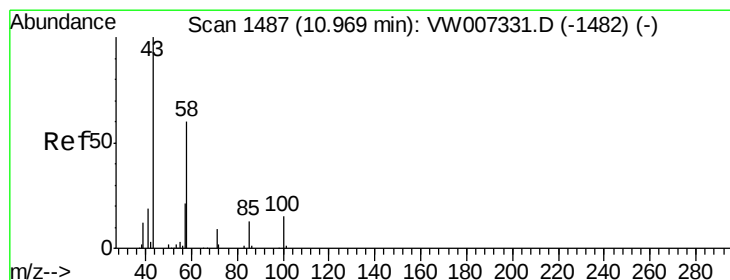
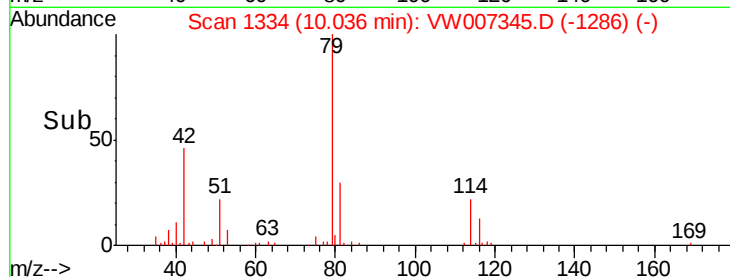
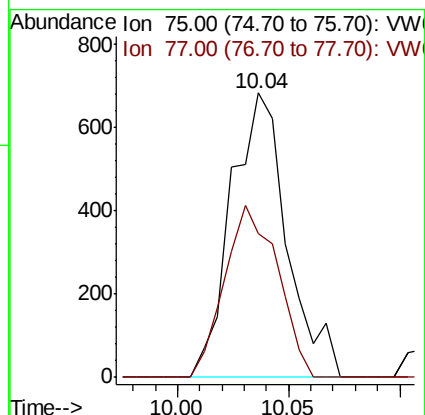
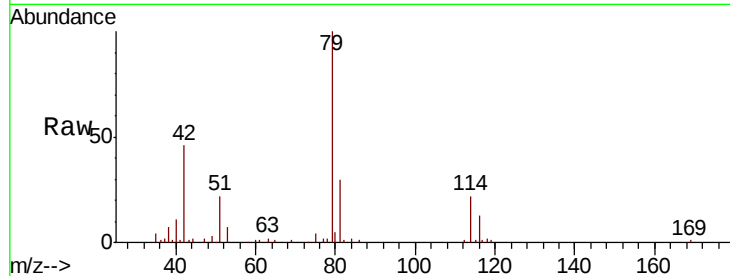
F9E13

Tgt Ion: 75 Resp: 1186

Ion Ratio Lower Upper

75 100

77 50.4 23.0 42.6#



#49

2-Hexanone

Concen: 4.515 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW007345.D

Acq: 08 Dec 2018 09:29

Tgt Ion: 43 Resp: 3798

Ion Ratio Lower Upper

43 100

58 6.0 47.2 70.8#

57 1.2 17.6 26.4#

100 3.4 12.2 18.2#

