

Data File : VW011375.D
Acq On : 19 Jul 2019 14:01
Operator : SY/VA
Sample : K3798-20
Misc : 3.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H3RE

Quant Time: Jul 20 00:50:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 00:46:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	256133	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	198446	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61078	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53406	13.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.60%
7) Chloroethane-d5	2.89	69	46975	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.48%
10) 1,1-Dichloroethene-d2	4.02	63	101976	12.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.24%
20) 2-Butanone-d5	7.07	46	82996	53.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.74%
24) Chloroform-d	7.65	84	147464	21.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	8.31	65	99595	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	8.27	84	285264	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	9.27	67	102345	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.84%
37) Toluene-d8	10.32	98	224052	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.28%
38) trans-1,3-Dichloropropene-	10.58	79	37208	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	10.93	63	54069	59.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85897	26.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	49525	21.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.48%

Target Compounds

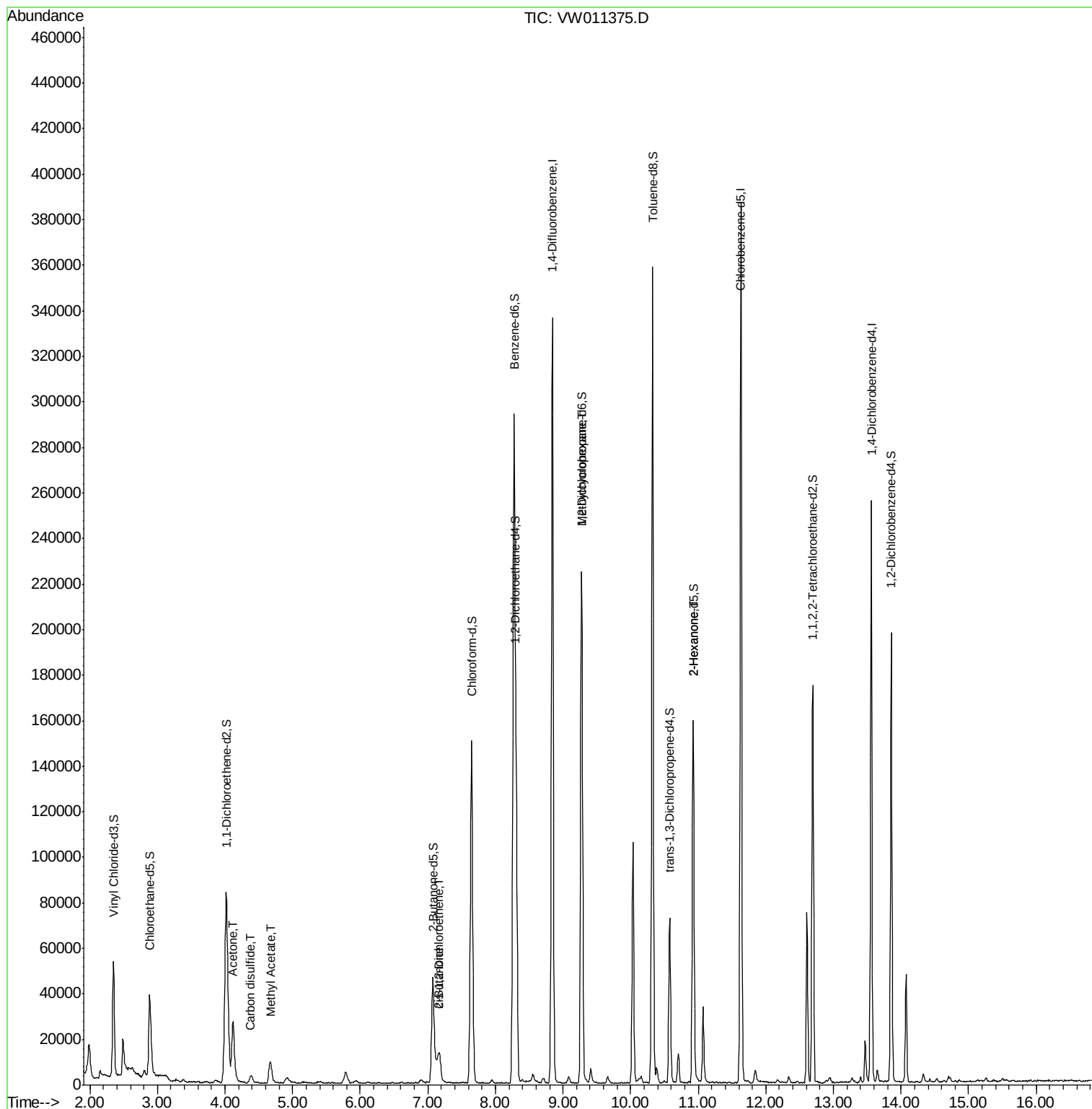
					Qvalue
13) Acetone	4.12	43	47626	31.649 ug/L	98
14) Carbon disulfide	4.39	76	5641	0.586 ug/L	99
15) Methyl Acetate	4.67	43	19013	7.765 ug/L	98
21) 2-Butanone	7.17	43	11283	5.808 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	2920	0.793 ug/L	89
36) Methylcyclohexane	9.27	83	23451	4.164 ug/L #	15
49) 2-Hexanone	10.92	43	7460	3.253 ug/L #	68

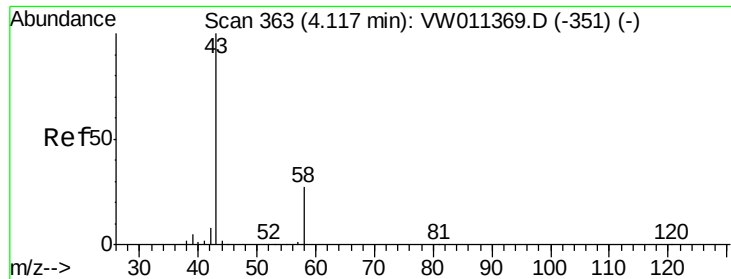
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 31.649 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011375.D

Acq: 19 Jul 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

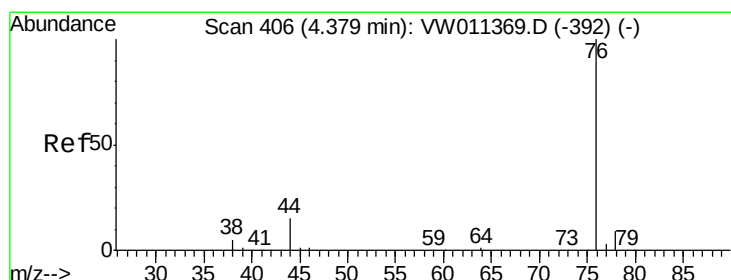
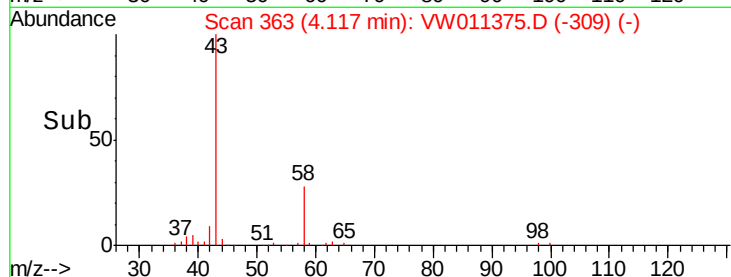
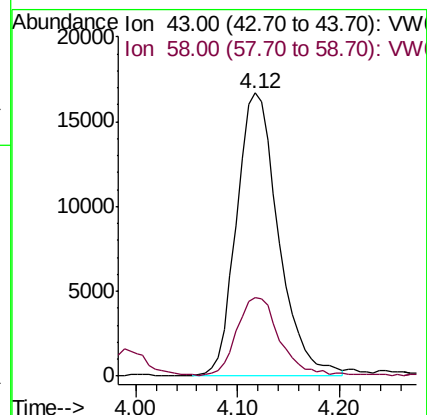
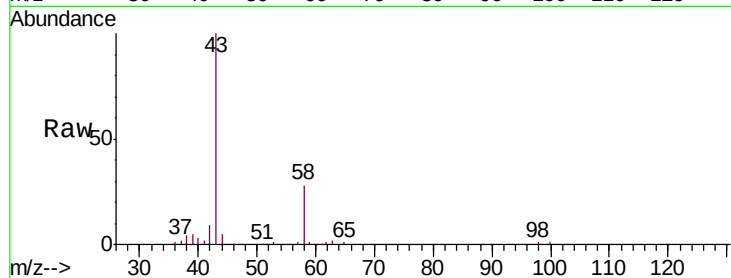
A52H3RE

Tgt Ion: 43 Resp: 47626

Ion Ratio Lower Upper

43 100

58 28.3 0.0 55.0



#14

Carbon disulfide

Concen: 0.586 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW011375.D

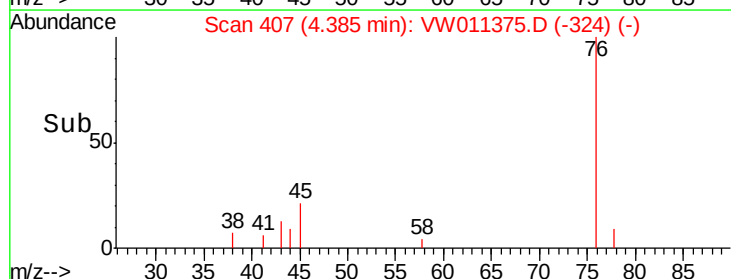
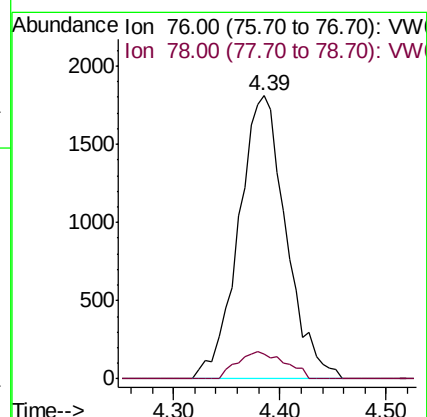
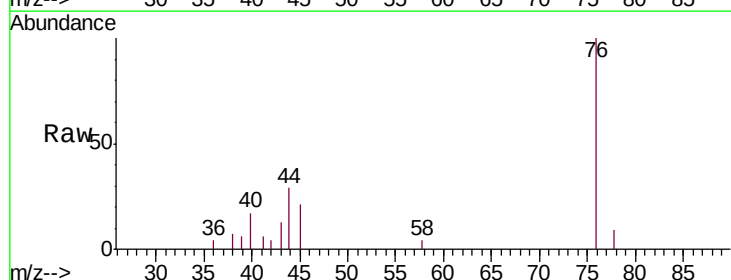
Acq: 19 Jul 2019 14:01

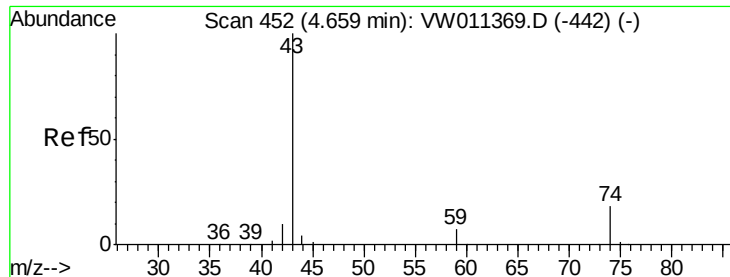
Tgt Ion: 76 Resp: 5641

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

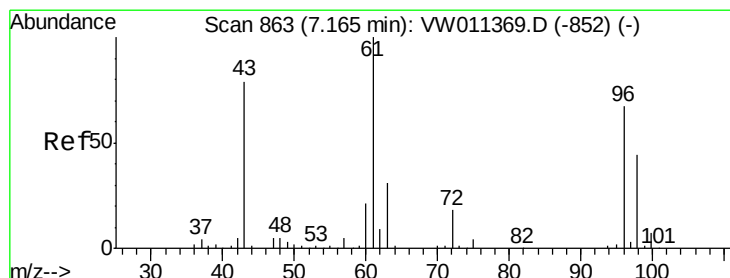
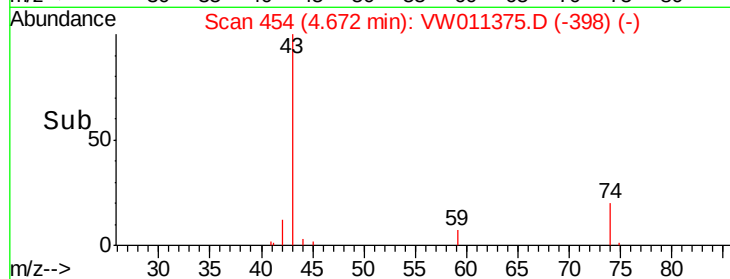
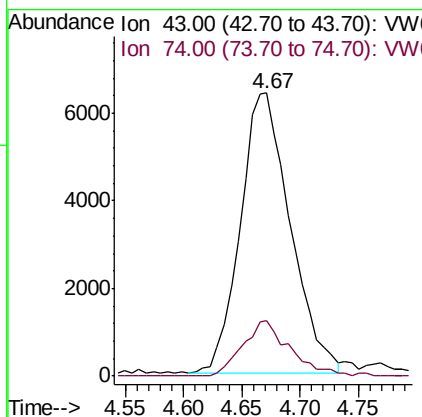
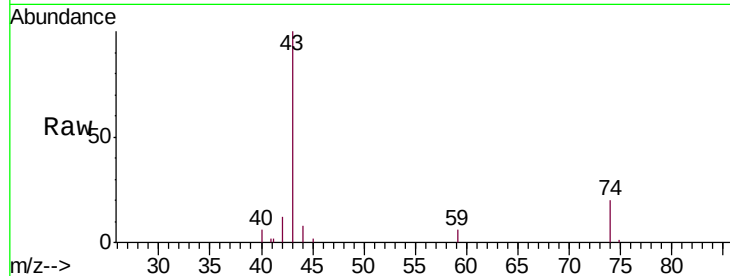




#15
Methyl Acetate
Concen: 7.765 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011375.D
Acq: 19 Jul 2019 14:01

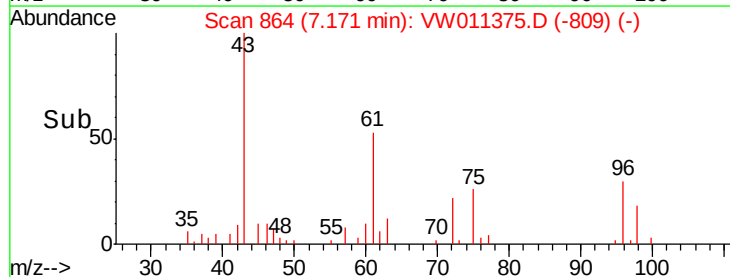
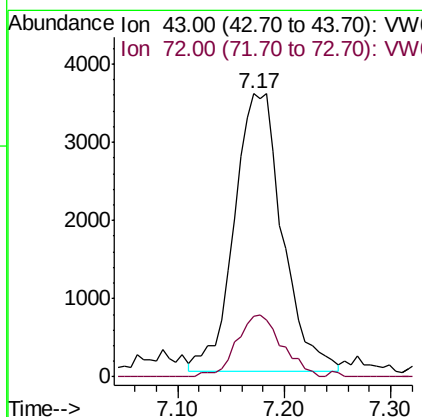
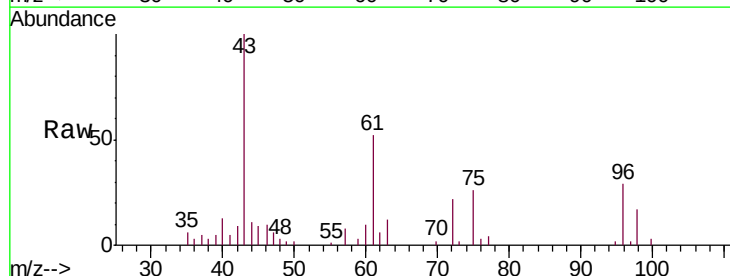
Instrument :
MSVOA_W
ClientSampleId :
A52H3RE

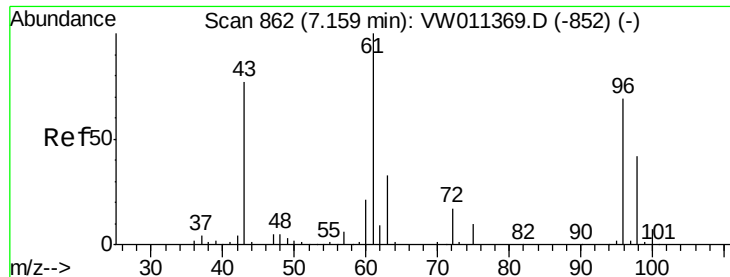
Tgt Ion: 43 Resp: 19013
Ion Ratio Lower Upper
43 100
74 17.9 15.1 22.7



#21
2-Butanone
Concen: 5.808 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011375.D
Acq: 19 Jul 2019 14:01

Tgt Ion: 43 Resp: 11283
Ion Ratio Lower Upper
43 100
72 20.4 11.2 33.6



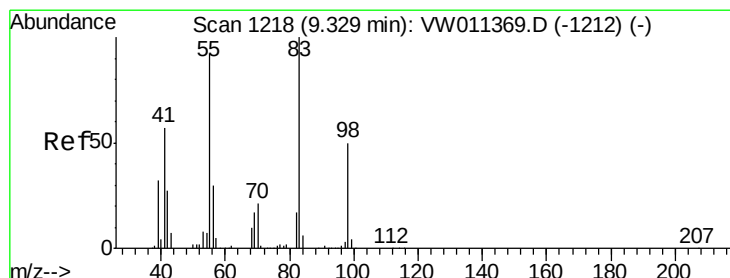
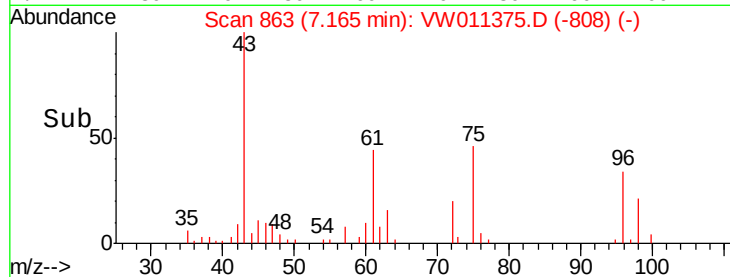
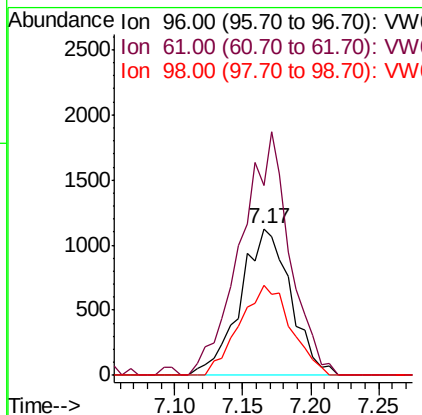
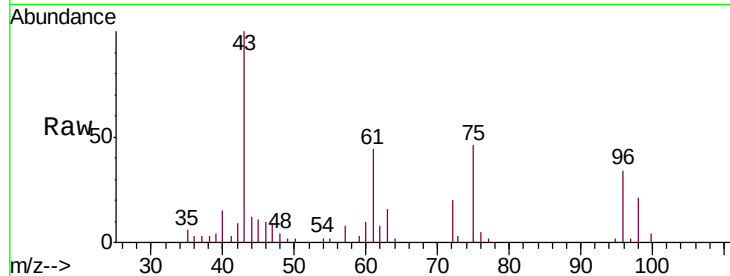


#22

cis-1,2-Dichloroethene
 Concen: 0.793 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW011375.D
 Acq: 19 Jul 2019 14:01

Instrument :
 MSVOA_W
 ClientSampled :
 A52H3RE

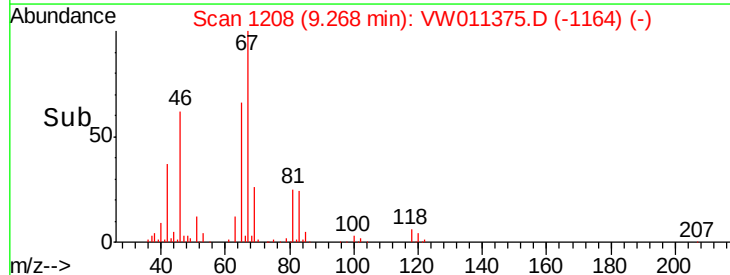
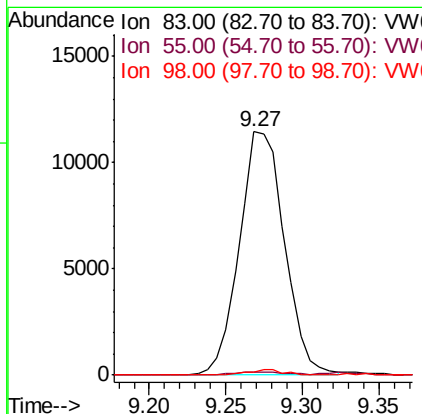
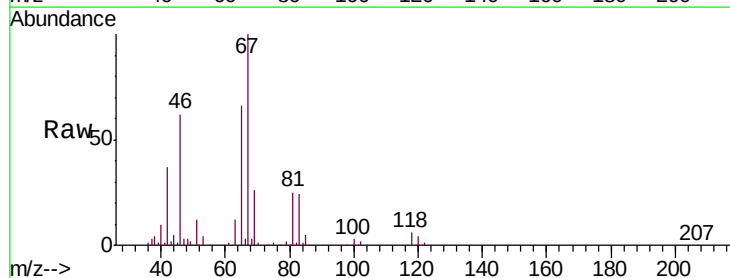
Tgt Ion: 96 Resp: 2920
 Ion Ratio Lower Upper
 96 100
 61 128.9 103.2 191.6
 98 61.6 44.8 83.2

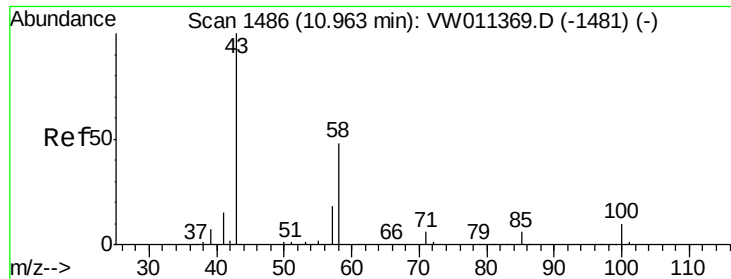


#36

Methylcyclohexane
 Concen: 4.164 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.06 min
 Lab File: VW011375.D
 Acq: 19 Jul 2019 14:01

Tgt Ion: 83 Resp: 23451
 Ion Ratio Lower Upper
 83 100
 55 1.4 72.2 108.4#
 98 1.7 38.2 57.4#





#49

2-Hexanone

Concen: 3.253 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW011375.D

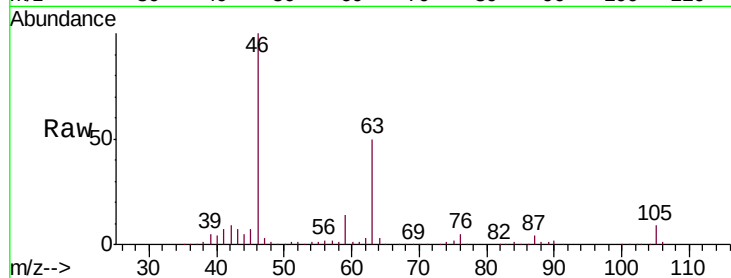
Acq: 19 Jul 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

A52H3RE



Tgt Ion:	43	Resp:	7460
Ion	Ratio	Lower	Upper
43	100		
58	22.6	38.4	57.6#
57	25.3	13.3	19.9#
100	1.0	7.3	10.9#

