

Data File : VW011897.D
Acq On : 13 Aug 2019 16:08
Operator : SY/VA
Sample : K4215-10RE
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC1

Quant Time: Aug 14 04:59:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	317862	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	244880	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76044	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	79765	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	2.89	69	68824	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
10) 1,1-Dichloroethene-d2	4.02	63	145888	14.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.88%
20) 2-Butanone-d5	7.08	46	95089	47.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.36%
24) Chloroform-d	7.65	84	198175	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.31	65	120483	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.28%
29) Benzene-d6	8.27	84	386147	25.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.32%
33) 1,2-Dichloropropane-d6	9.27	67	135209	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.80%
37) Toluene-d8	10.32	98	312457	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.44%
38) trans-1,3-Dichloropropene-	10.58	79	42350	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.76%
39) 2-Hexanone-d5	10.93	63	59542	51.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101748	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	71747	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

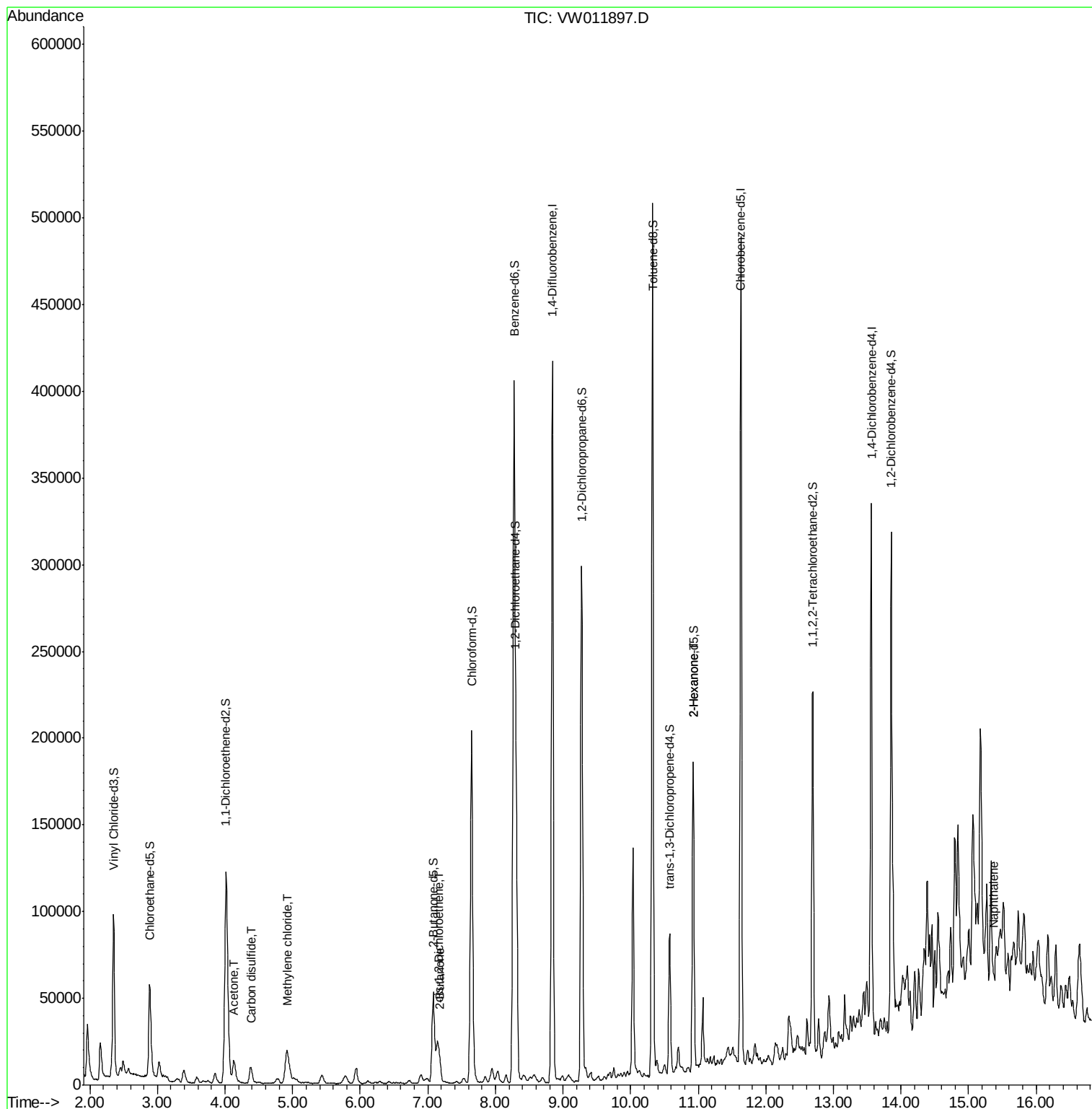
						Qvalue
13) Acetone	4.13	43	22637	10.488	ug/L	79
14) Carbon disulfide	4.39	76	20755	1.396	ug/L	99
16) Methylene chloride	4.91	84	14147	2.852	ug/L	91
21) 2-Butanone	7.18	43	7494	2.769	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	4698	0.952	ug/L	89
49) 2-Hexanone	10.93	43	8644	2.703	ug/L #	68
69) Naphthalene	15.37	128	6701	1.088	ug/L #	92

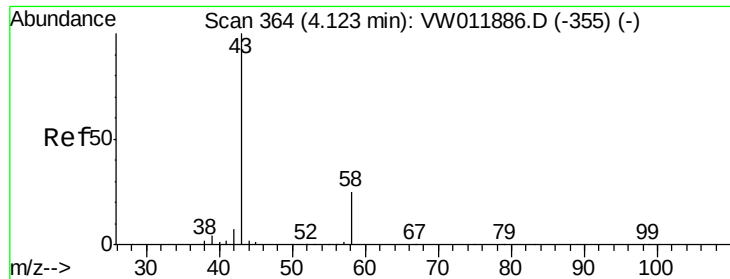
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 14 04:55:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.488 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011897.D

Acq: 13 Aug 2019 16:08

Instrument :

MSVOA_W

ClientSampled :

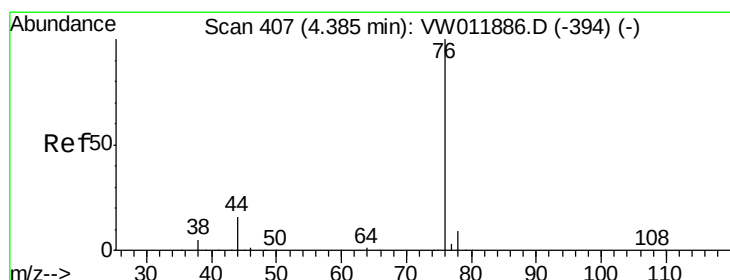
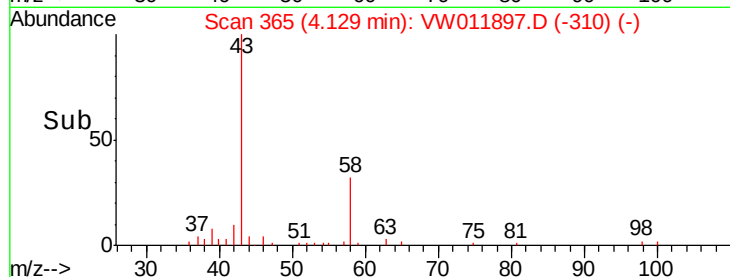
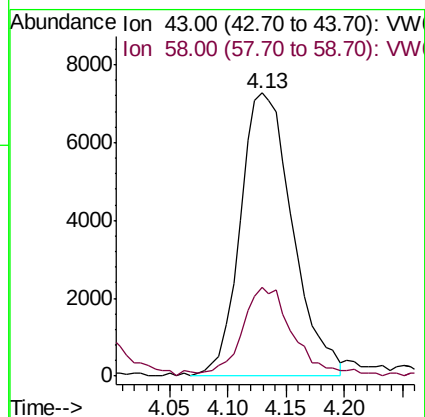
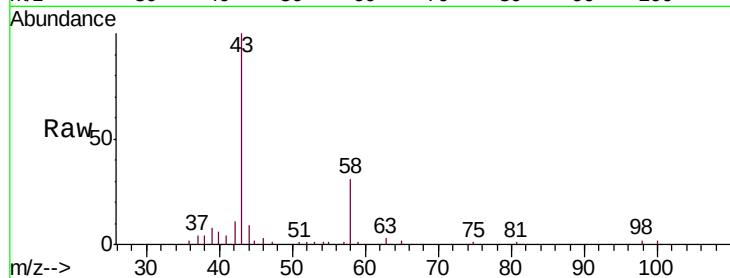
ETOC1

Tgt Ion: 43 Resp: 22637

Ion Ratio Lower Upper

43 100

58 16.1 0.0 53.4



#14

Carbon disulfide

Concen: 1.396 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW011897.D

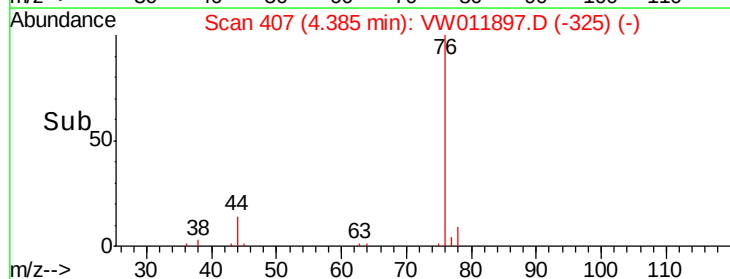
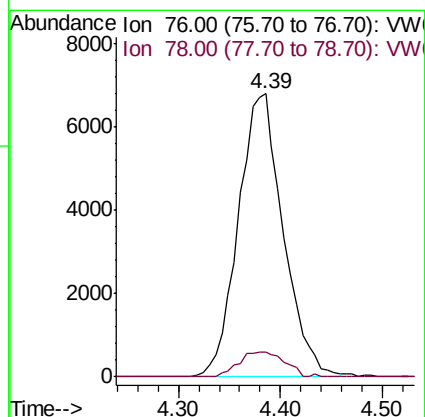
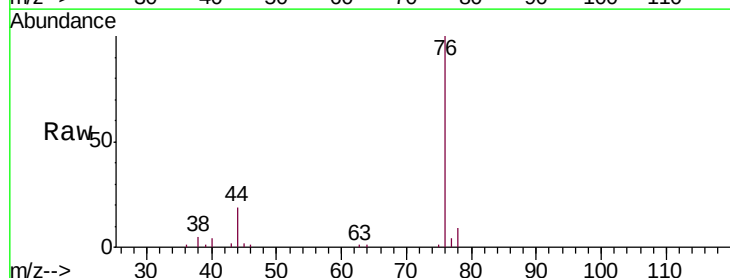
Acq: 13 Aug 2019 16:08

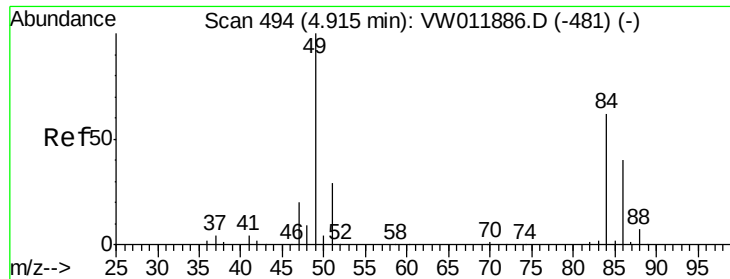
Tgt Ion: 76 Resp: 20755

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6

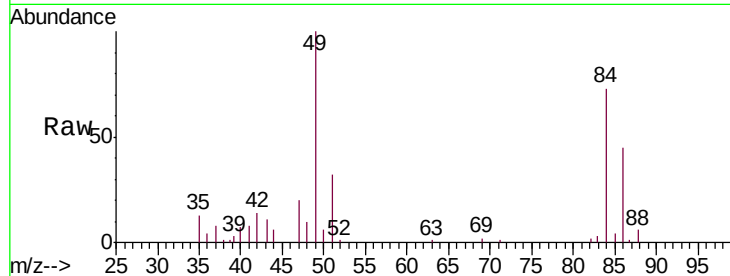




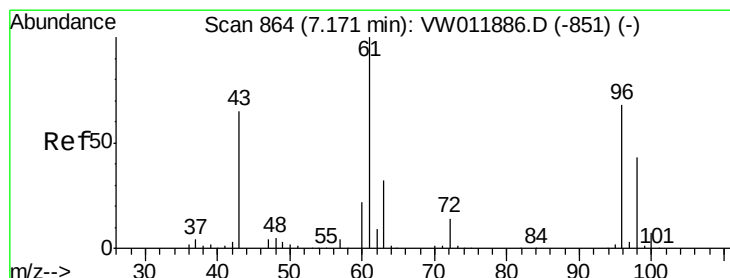
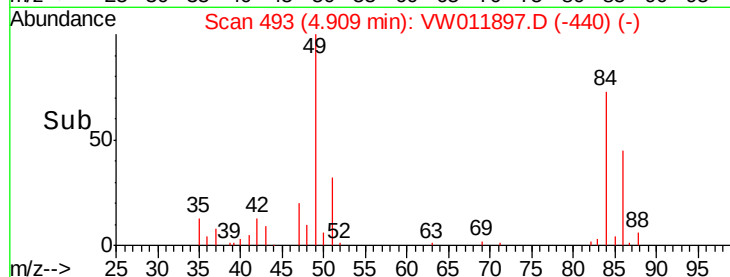
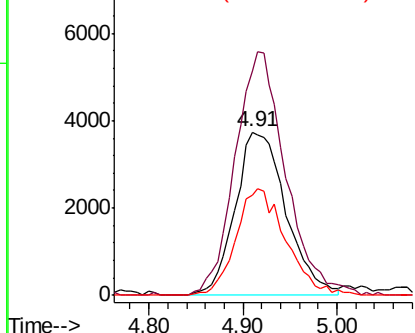
#16
Methylene chloride
Concen: 2.852 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011897.D
Acq: 13 Aug 2019 16:08

Instrument :
MSVOA_W
ClientSampleId :
ETOC1

Tgt Ion: 84 Resp: 14147
Ion Ratio Lower Upper
84 100
49 137.0 106.8 198.4
86 61.1 42.8 79.4

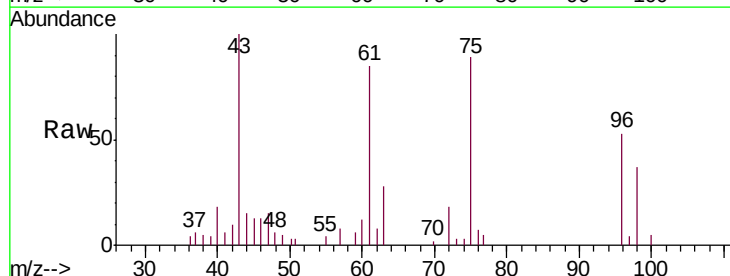


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

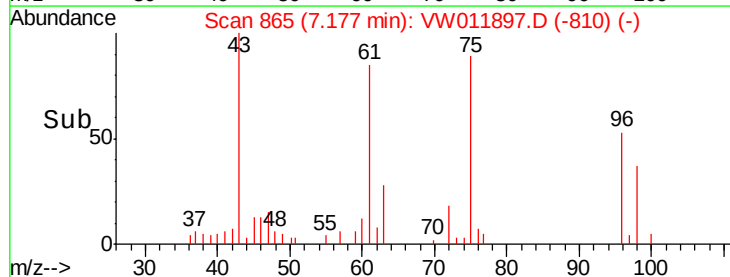
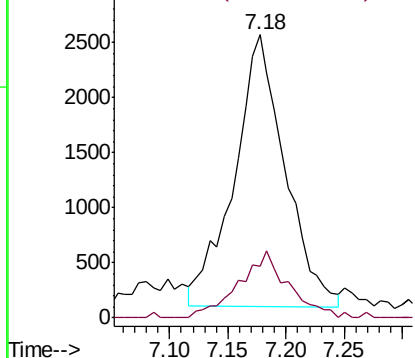


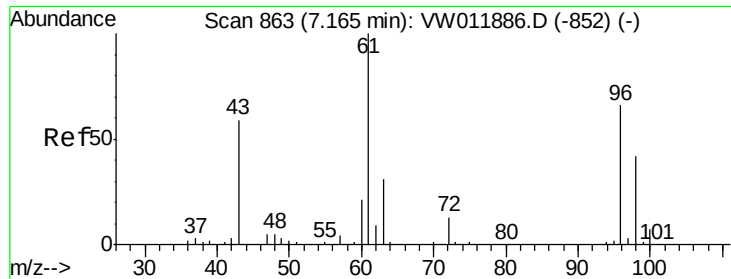
#21
2-Butanone
Concen: 2.769 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011897.D
Acq: 13 Aug 2019 16:08

Tgt Ion: 43 Resp: 7494
Ion Ratio Lower Upper
43 100
72 23.6 10.7 32.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#22

cis-1,2-Dichloroethene

Concen: 0.952 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011897.D

Acq: 13 Aug 2019 16:08

Instrument :

MSVOA_W

ClientSampleId :

ETOC1

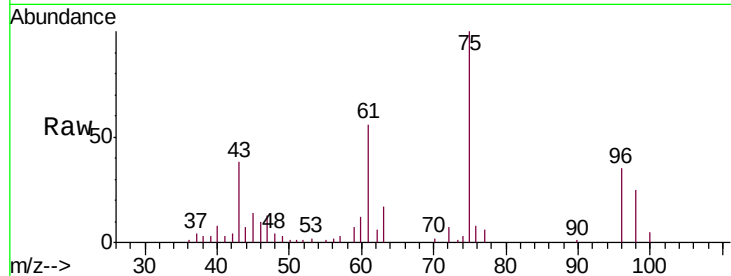
Tgt Ion: 96 Resp: 4698

Ion Ratio Lower Upper

96 100

61 161.0 103.9 192.9

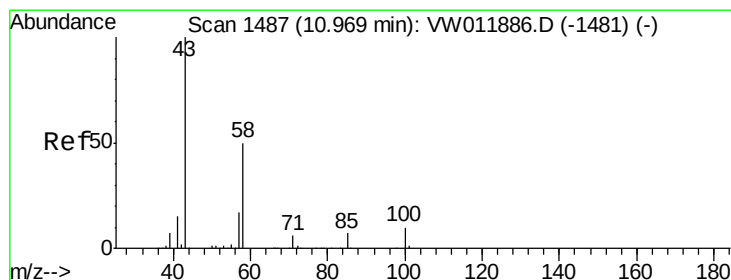
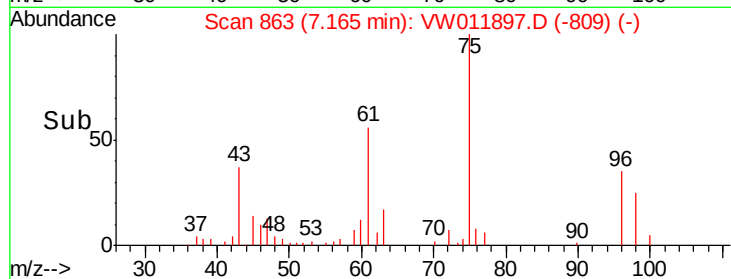
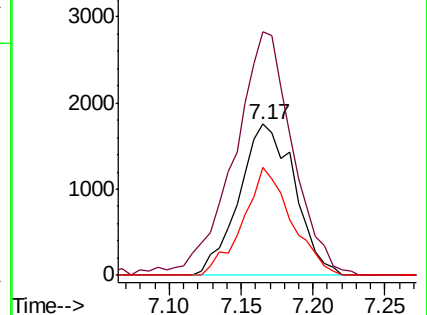
98 71.6 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#49

2-Hexanone

Concen: 2.703 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011897.D

Acq: 13 Aug 2019 16:08

Tgt Ion: 43 Resp: 8644

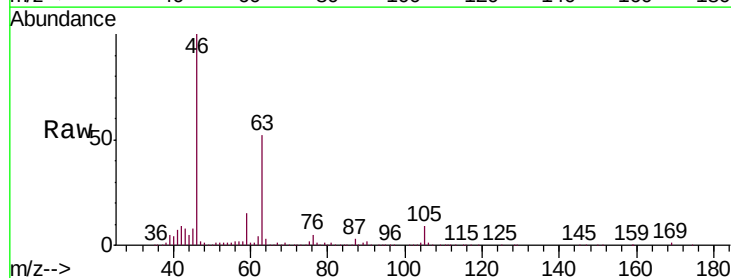
Ion Ratio Lower Upper

43 100

58 22.4 38.6 57.8#

57 25.0 13.0 19.6#

100 1.3 7.5 11.3#

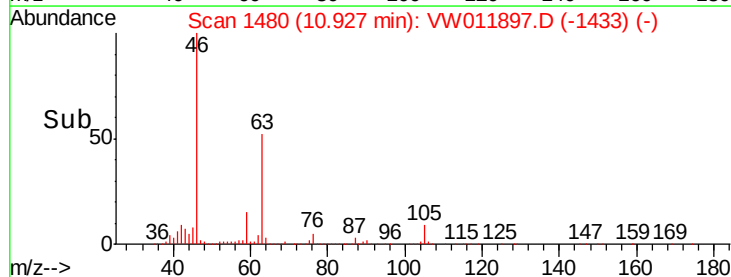
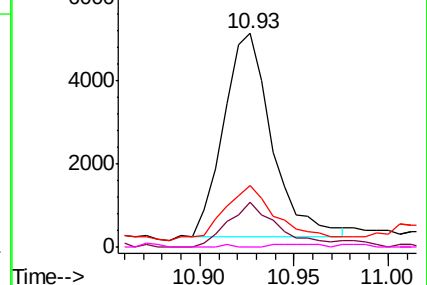


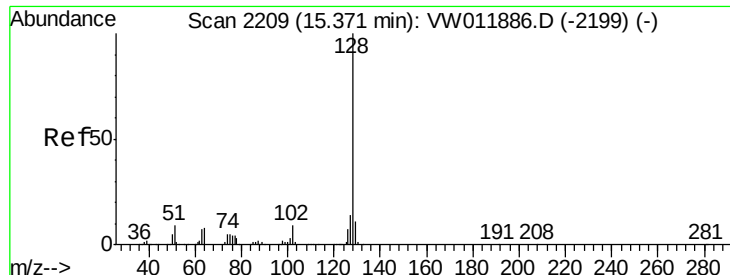
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#69

Naphthalene

Concen: 1.088 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011897.D

Acq: 13 Aug 2019 16:08

Instrument :

MSVOA_W

ClientSampleId :

ETOC1

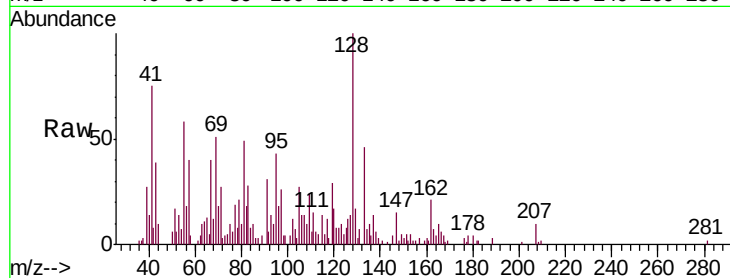
Tgt Ion:128 Resp: 6701

Ion Ratio Lower Upper

128 100

129 8.4 8.7 13.1#

127 9.4 10.6 16.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

