

Data File : VW011892.D
Acq On : 13 Aug 2019 13:47
Operator : SY/VA
Sample : K4215-23
Misc : 2.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOC7

Quant Time: Aug 14 04:58:44 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	159497	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	122022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41279	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.89	69	40197	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
10) 1,1-Dichloroethene-d2	4.02	63	43035	8.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	33.44%#
20) 2-Butanone-d5	7.07	46	69050	68.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.56%#
24) Chloroform-d	7.65	84	108165	24.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	8.31	65	82863	31.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.84%
29) Benzene-d6	8.27	84	160313	20.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.56%
33) 1,2-Dichloropropane-d6	9.27	67	74764	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.72%#
37) Toluene-d8	10.32	98	87601	12.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.44%
38) trans-1,3-Dichloropropene-	10.58	79	12291	11.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.28%
39) 2-Hexanone-d5	10.93	63	39472	68.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.44%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62417	30.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	26933	15.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.84%#

Target Compounds

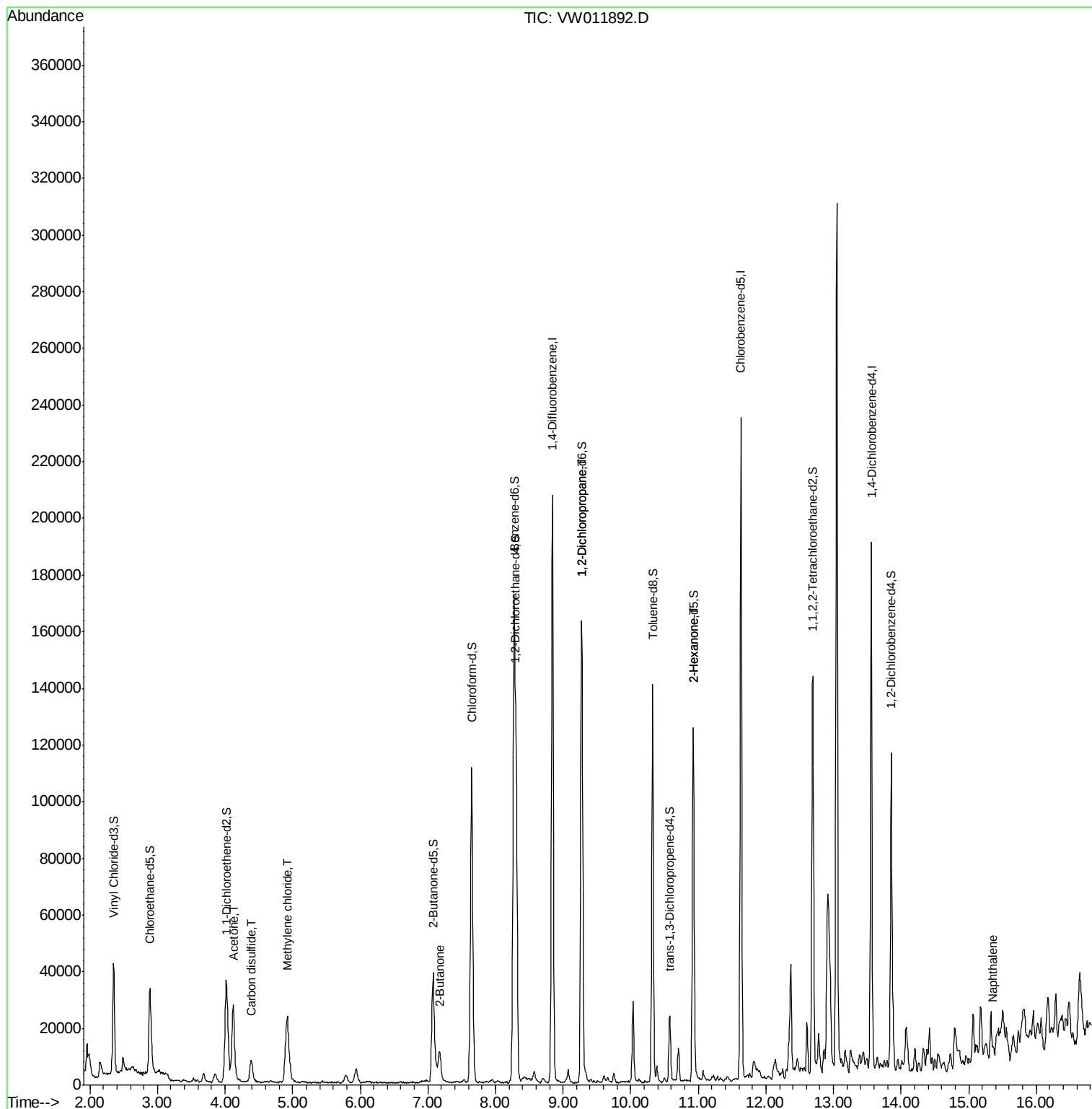
					Qvalue
13) Acetone	4.12	43	48426	44.712 ug/L	97
14) Carbon disulfide	4.38	76	11318	1.517 ug/L #	90
16) Methylene chloride	4.92	84	18121	7.280 ug/L	94
21) 2-Butanone	7.17	43	15809	11.642 ug/L	99
40) 1,2-Dichloropropane	9.27	63	8546	3.744 ug/L #	88
49) 2-Hexanone	10.93	43	6135	3.850 ug/L #	67
69) Naphthalene	15.36	128	2158	0.580 ug/L #	92

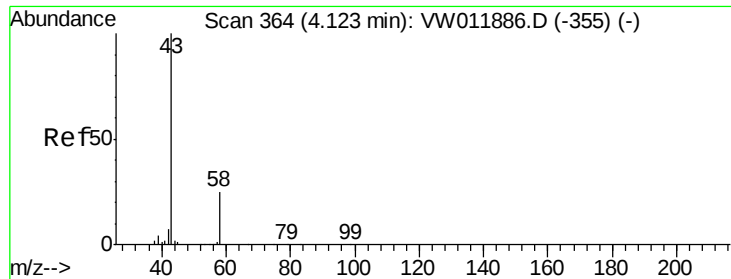
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 44.712 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Acq: 13 Aug 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

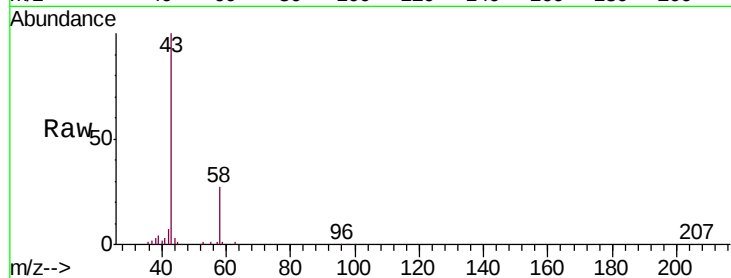
ETOC7

Tgt Ion: 43 Resp: 48426

Ion Ratio Lower Upper

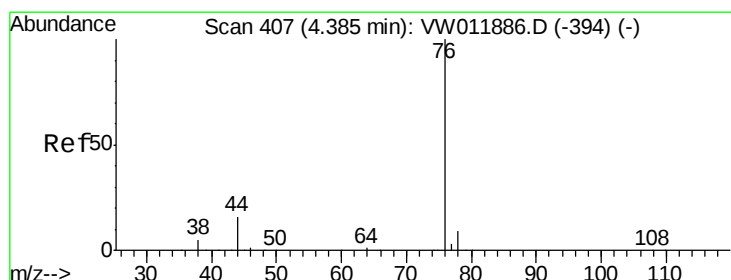
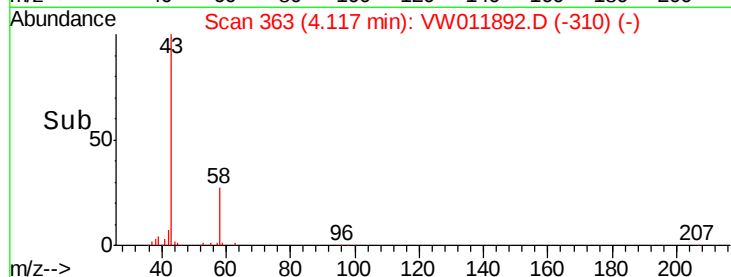
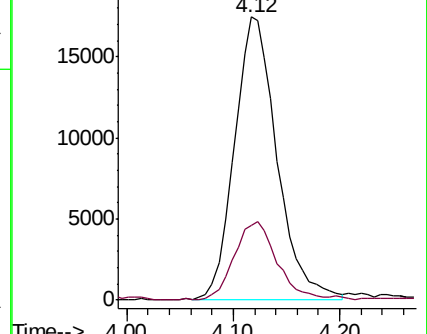
43 100

58 28.1 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.517 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

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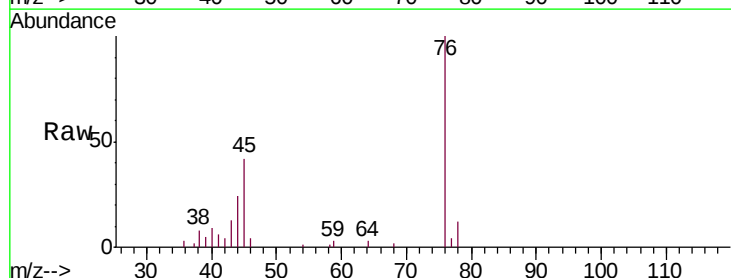
Acq: 13 Aug 2019 13:47

Tgt Ion: 76 Resp: 11318

Ion Ratio Lower Upper

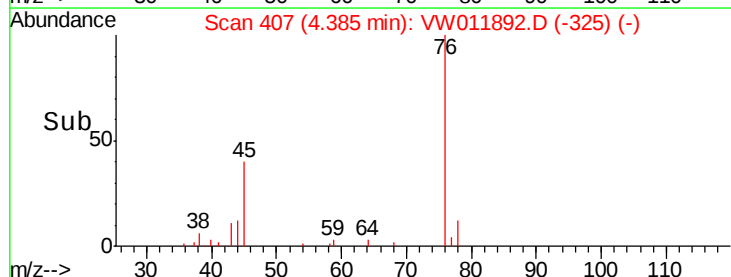
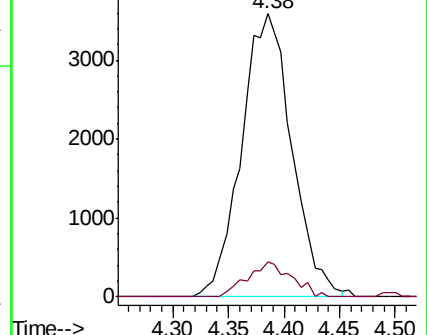
76 100

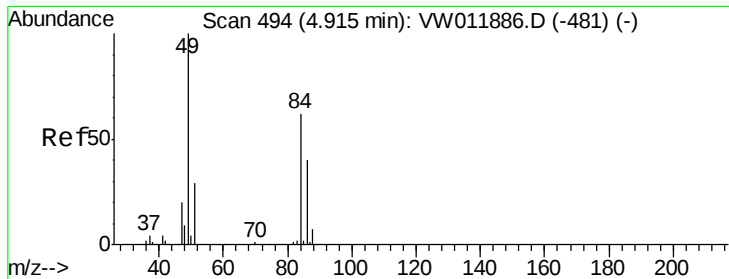
78 12.2 7.0 10.6#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

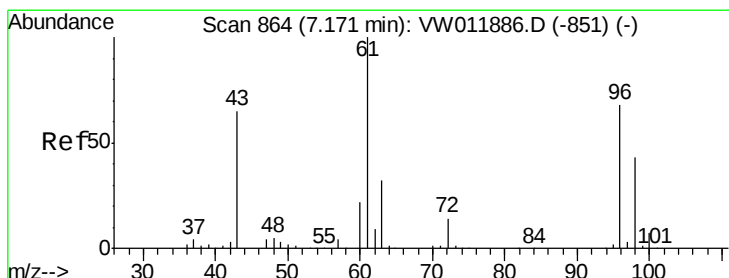
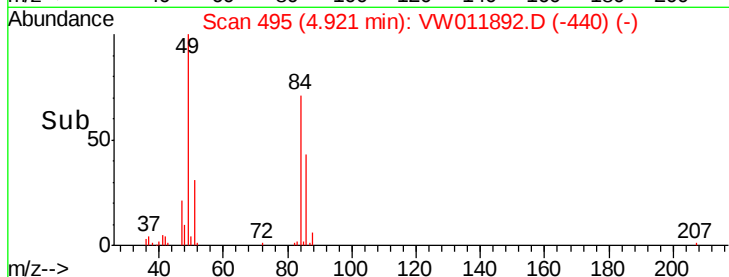
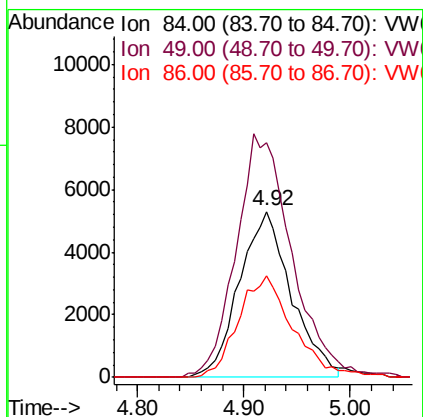
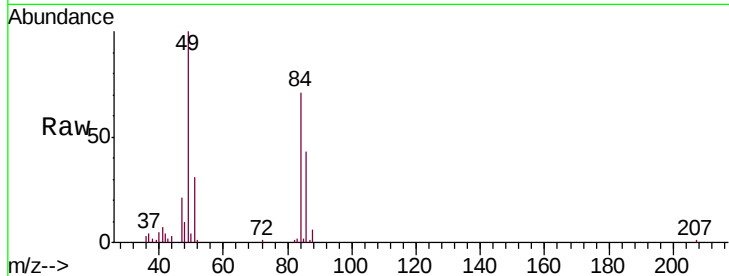




#16
Methylene chloride
Concen: 7.280 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW011892.D
Acq: 13 Aug 2019 13:47

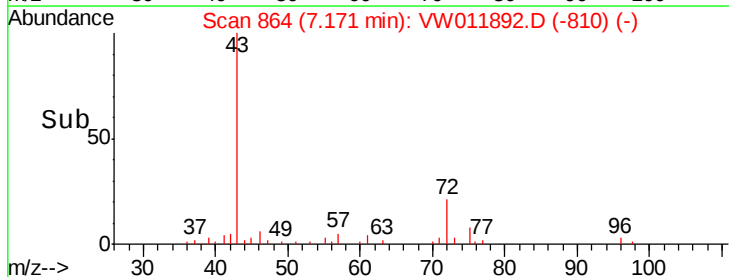
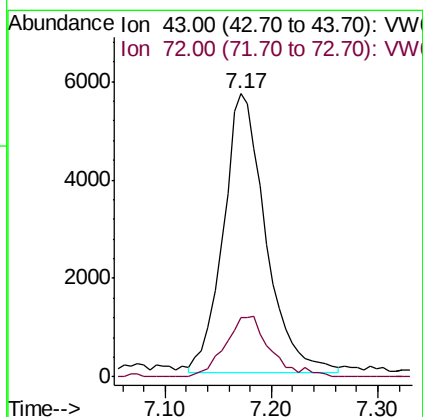
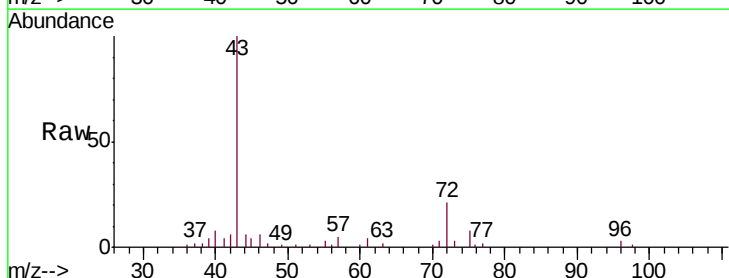
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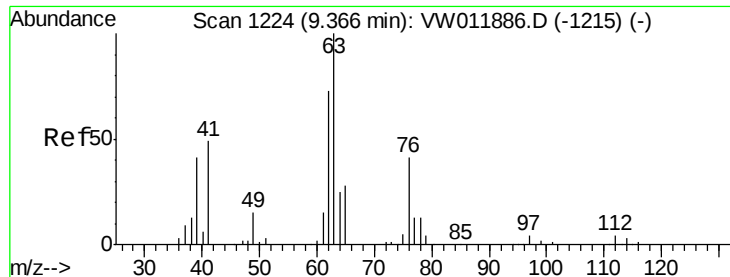
Tgt Ion: 84 Resp: 18121
Ion Ratio Lower Upper
84 100
49 141.7 106.8 198.4
86 61.0 42.8 79.4



#21
2-Butanone
Concen: 11.642 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW011892.D
Acq: 13 Aug 2019 13:47

Tgt Ion: 43 Resp: 15809
Ion Ratio Lower Upper
43 100
72 22.1 10.7 32.1

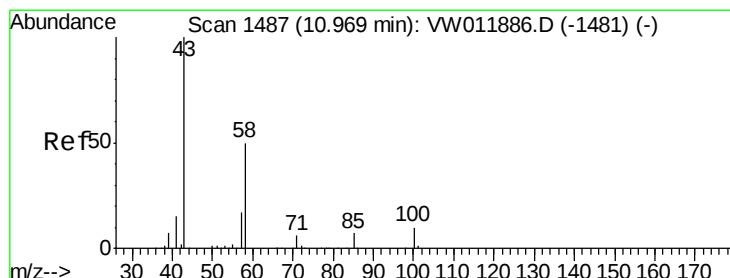
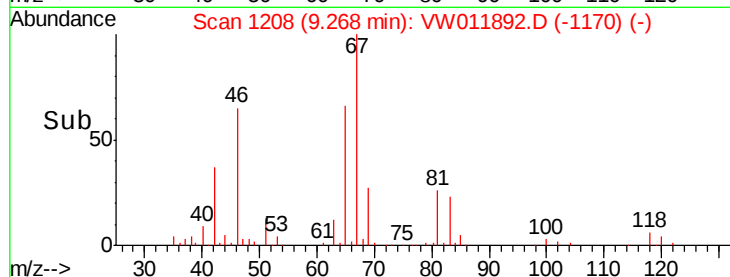
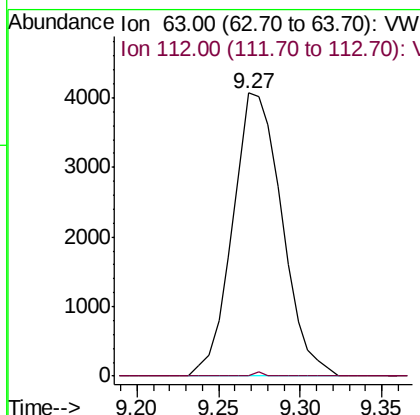
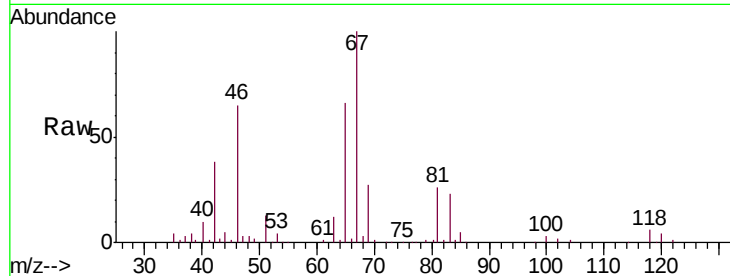




#40
 1,2-Dichloropropane
 Concen: 3.744 ug/L
 RT: 9.27 min Scan# 1208
 Delta R.T. -0.10 min
 Lab File: VW011892.D
 Acq: 13 Aug 2019 13:47

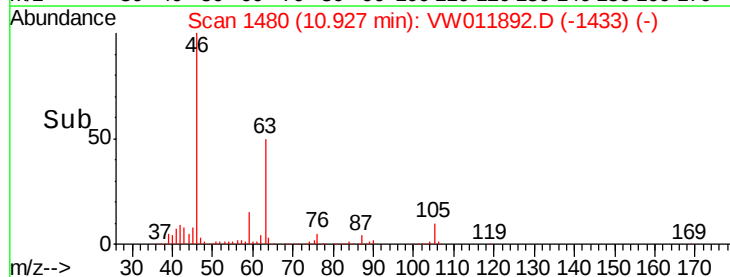
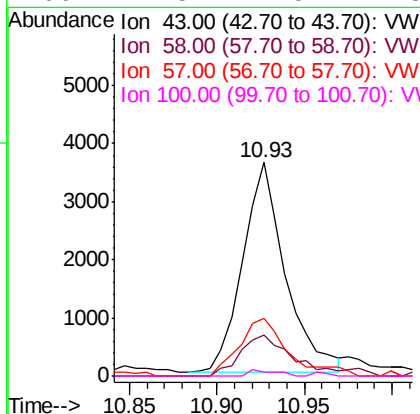
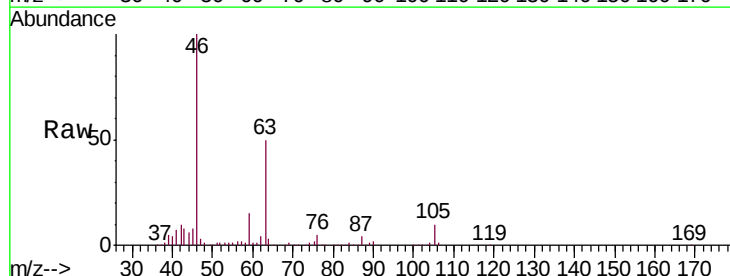
Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC7

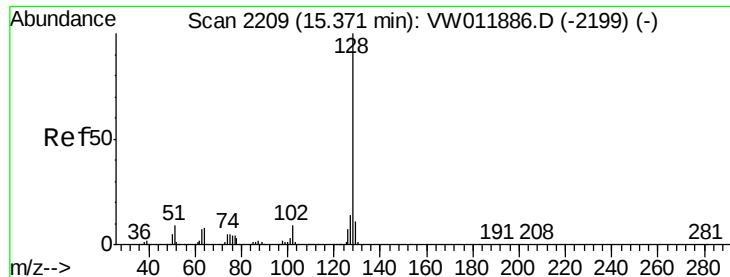
Tgt Ion: 63 Resp: 8546
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#49
 2-Hexanone
 Concen: 3.850 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW011892.D
 Acq: 13 Aug 2019 13:47

Tgt Ion: 43 Resp: 6135
 Ion Ratio Lower Upper
 43 100
 58 23.4 38.6 57.8#
 57 28.1 13.0 19.6#
 100 1.5 7.5 11.3#





#69

Naphthalene

Concen: 0.580 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011892.D

Acq: 13 Aug 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

ETOC7

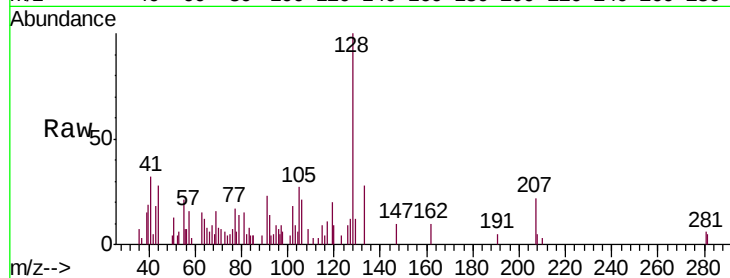
Tgt Ion:128 Resp: 2158

Ion Ratio Lower Upper

128 100

129 5.8 8.7 13.1#

127 12.2 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

