

Data File : VW011893.D
Acq On : 13 Aug 2019 14:13
Operator : SY/VA
Sample : K4215-24
Misc : 5.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOD4

Quant Time: Aug 14 04:58:52 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	76210	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	53797	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	16745	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33191	30.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.72%
7) Chloroethane-d5	2.89	69	29318	37.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.72%#
10) 1,1-Dichloroethene-d2	4.01	63	27950	11.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.44%
20) 2-Butanone-d5	7.08	46	51807	107.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	214.42%#
24) Chloroform-d	7.65	84	54988	26.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.08%
26) 1,2-Dichloroethane-d4	8.30	65	47769	38.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	154.24%#
29) Benzene-d6	8.27	84	68509	20.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.00%
33) 1,2-Dichloropropane-d6	9.27	67	33006	30.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.88%#
37) Toluene-d8	10.32	98	27035	9.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	36.00%
38) trans-1,3-Dichloropropene-	10.58	79	9990	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.48%
39) 2-Hexanone-d5	10.93	63	21763	85.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.64%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25085	27.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	6614	10.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	41.00%#

Target Compounds

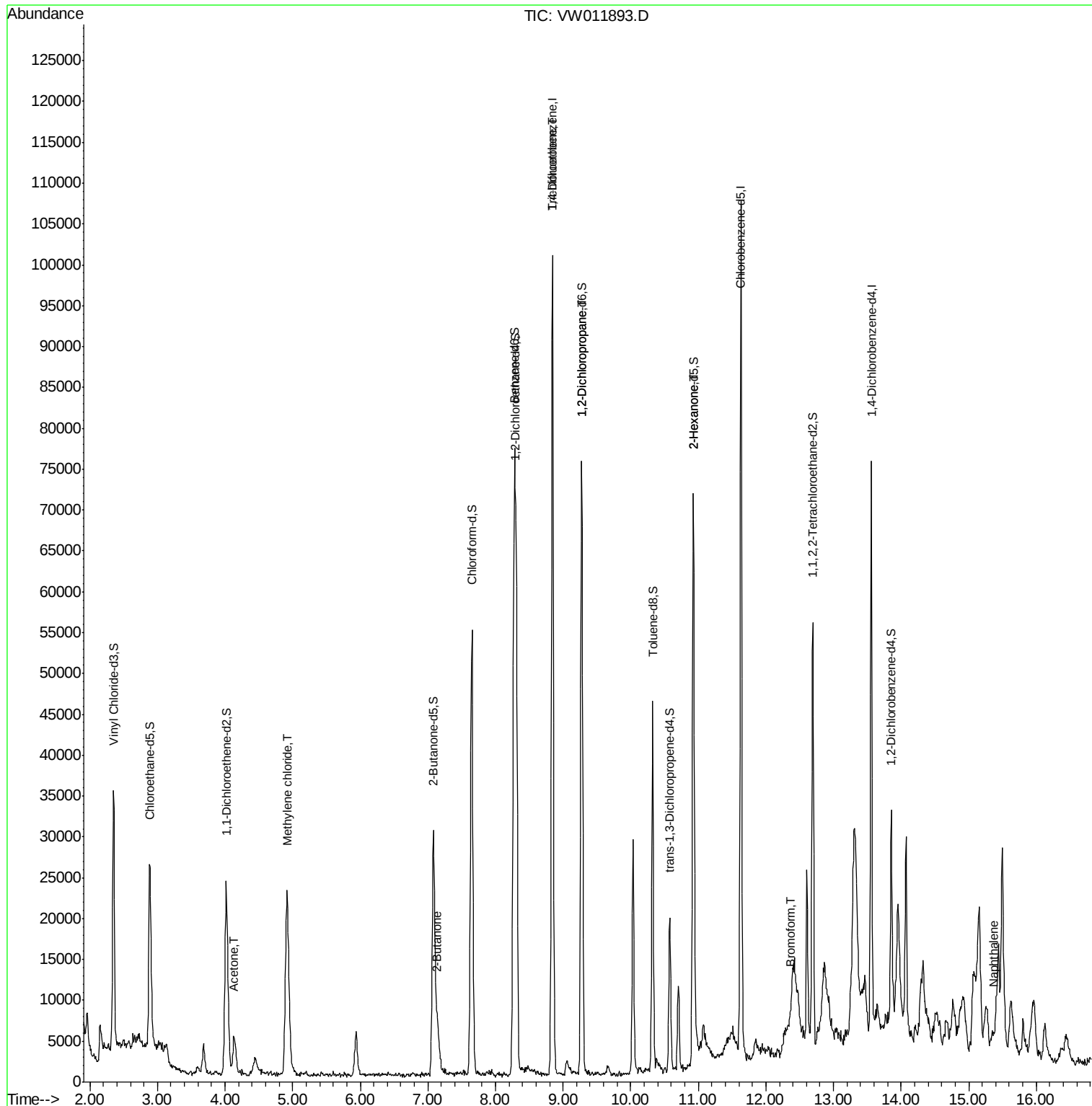
					Qvalue
13) Acetone	4.13	43	8918	17.233	ug/L 100
16) Methylene chloride	4.91	84	17532	14.742	ug/L 94
21) 2-Butanone	7.15	43	4504	6.942	ug/L # 57
35) Trichloroethene	8.84	95	2569	2.684	ug/L # 7
40) 1,2-Dichloropropane	9.27	63	3962	3.937	ug/L # 88
49) 2-Hexanone	10.93	43	5046	7.183	ug/L # 62
62) Bromoform	12.35	173	432	1.442	ug/L # 36
69) Naphthalene	15.36	128	743	0.548	ug/L # 85

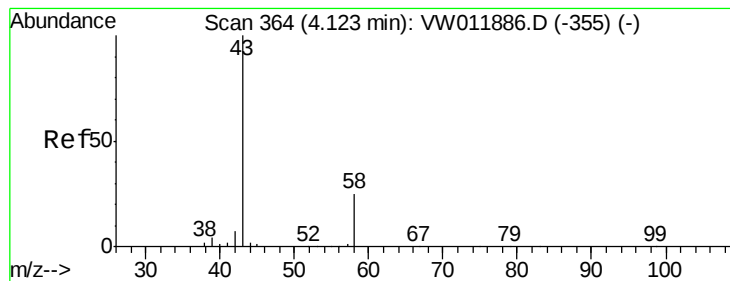
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 17.233 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW011893.D

Acq: 13 Aug 2019 14:13

Instrument :

MSVOA_W

ClientSampled :

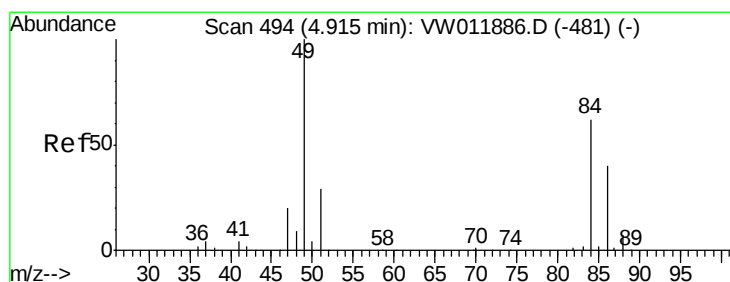
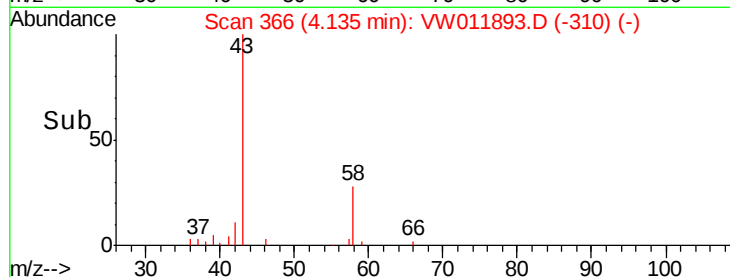
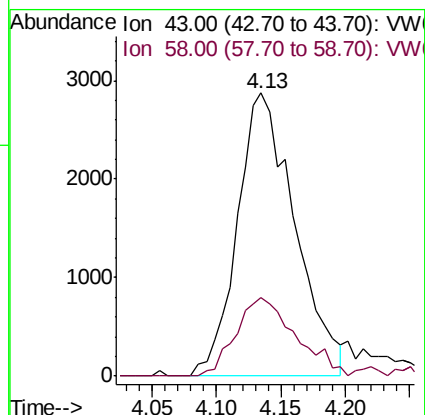
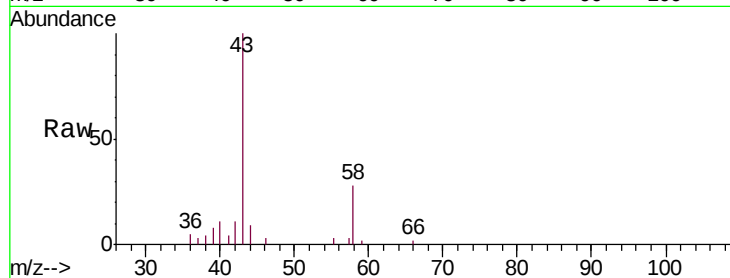
ETOD4

Tgt Ion: 43 Resp: 8918

Ion Ratio Lower Upper

43 100

58 26.8 0.0 53.4



#16

Methylene chloride

Concen: 14.742 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011893.D

Acq: 13 Aug 2019 14:13

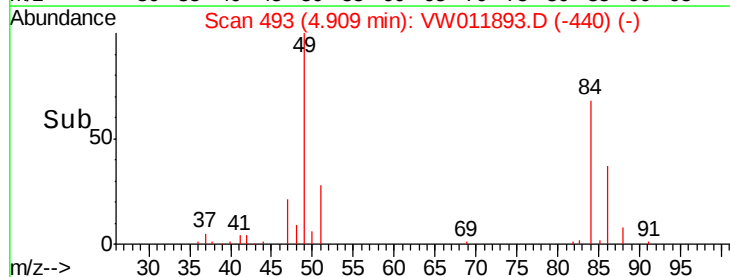
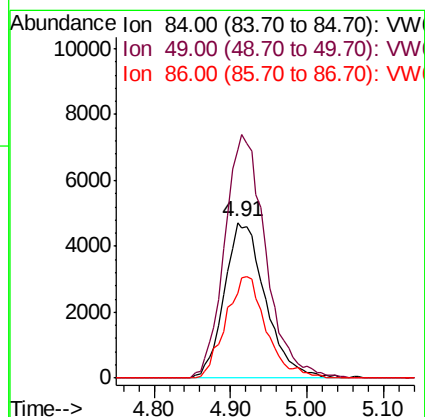
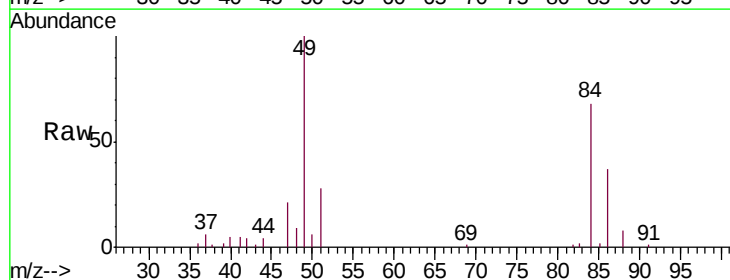
Tgt Ion: 84 Resp: 17532

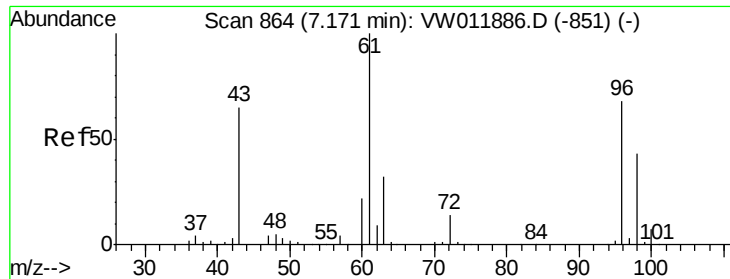
Ion Ratio Lower Upper

84 100

49 146.3 106.8 198.4

86 54.4 42.8 79.4

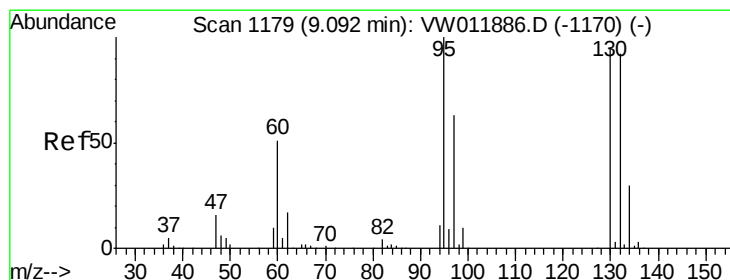
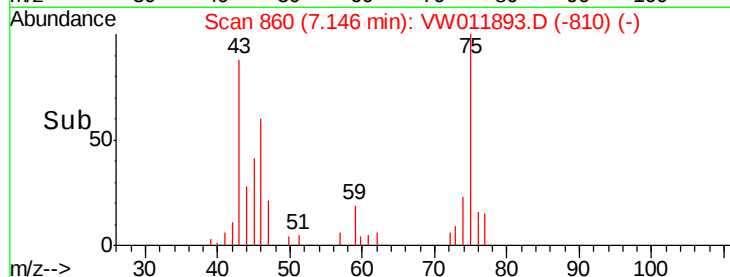
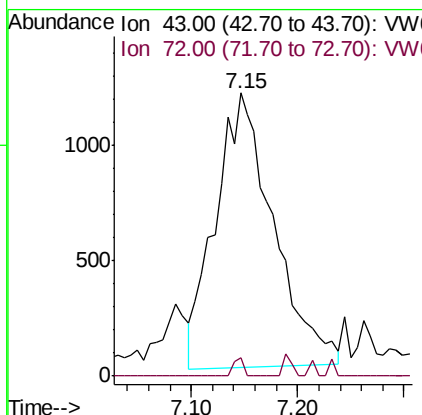
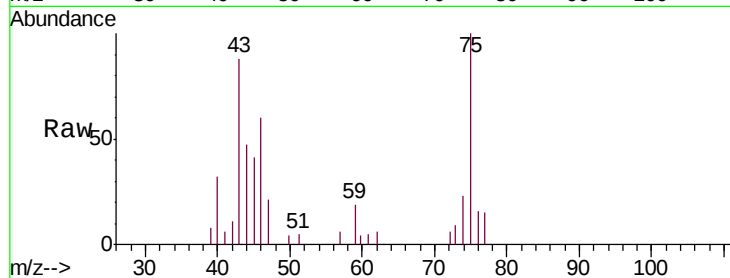




#21
 2-Butanone
 Concen: 6.942 ug/L
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW011893.D
 Acq: 13 Aug 2019 14:13

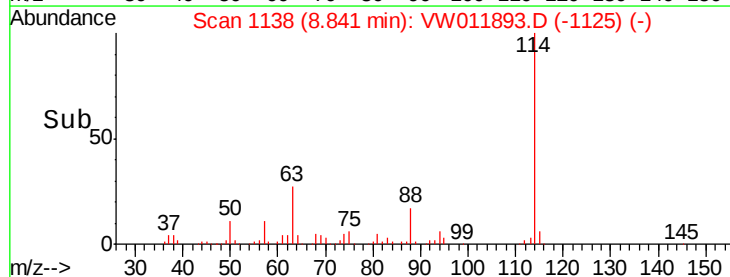
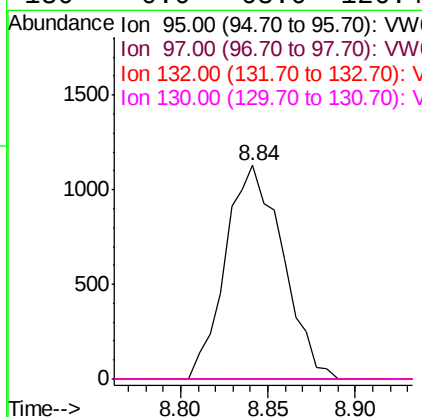
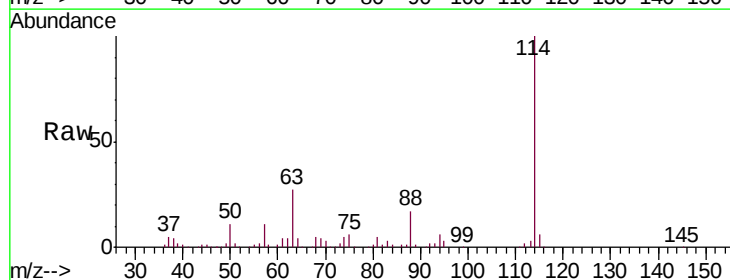
Instrument :
 MSVOA_W
 ClientSampled :
 ETOD4

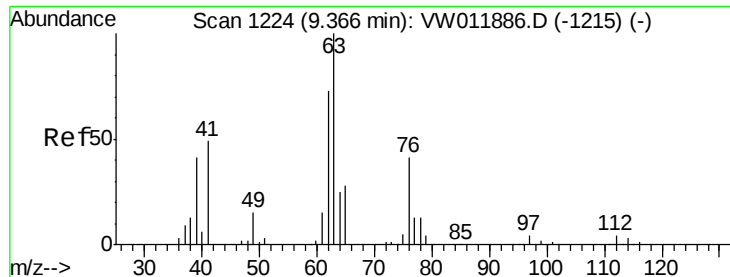
Tgt Ion: 43 Resp: 4504
 Ion Ratio Lower Upper
 43 100
 72 1.2 10.7 32.1#



#35
 Trichloroethene
 Concen: 2.684 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW011893.D
 Acq: 13 Aug 2019 14:13

Tgt Ion: 95 Resp: 2569
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.8 83.2#
 132 2.1 65.0 120.6#
 130 0.0 68.0 126.4#

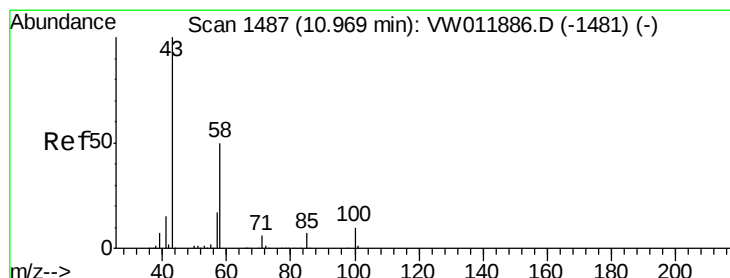
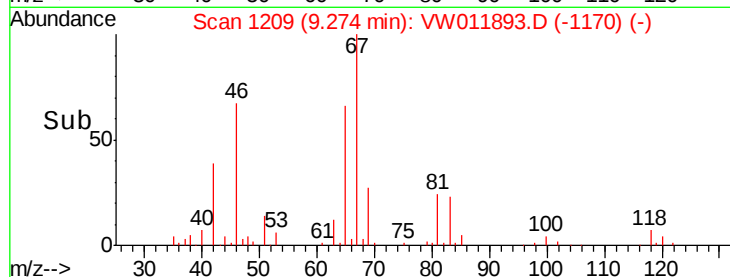
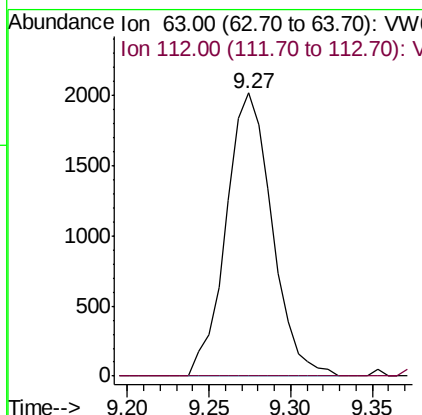
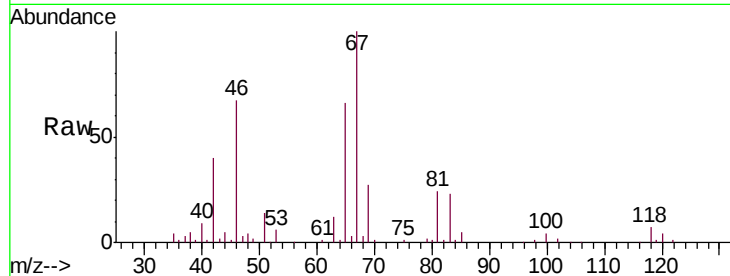




#40
 1,2-Dichloropropane
 Concen: 3.937 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW011893.D
 Acq: 13 Aug 2019 14:13

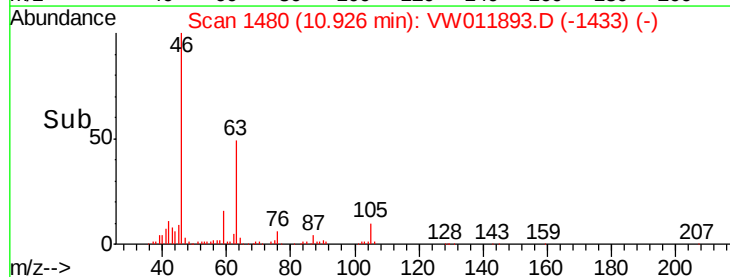
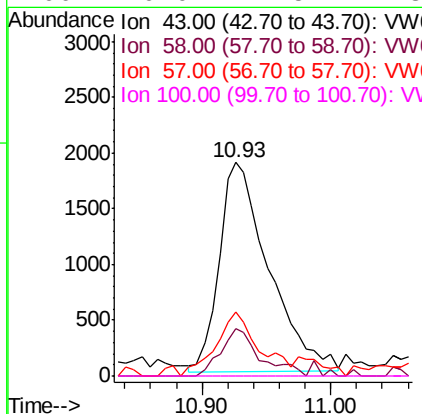
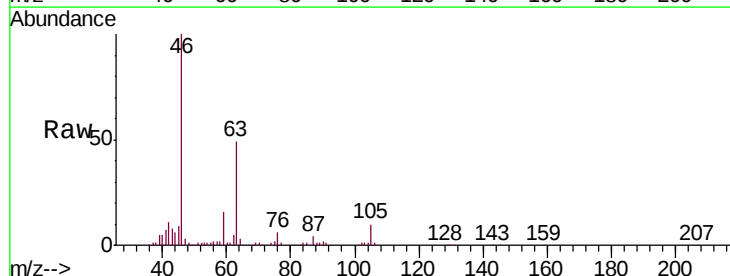
Instrument :
 MSVOA_W
 ClientSampleId :
 ETOD4

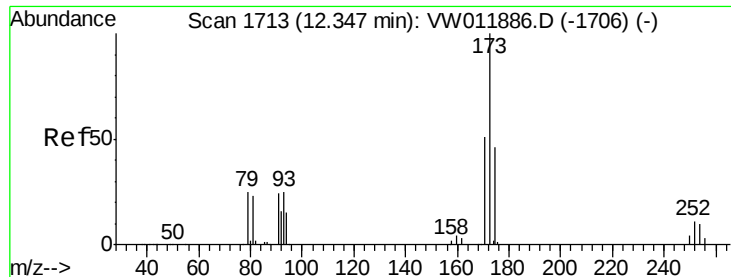
Tgt Ion: 63 Resp: 3962
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#49
 2-Hexanone
 Concen: 7.183 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW011893.D
 Acq: 13 Aug 2019 14:13

Tgt Ion: 43 Resp: 5046
 Ion Ratio Lower Upper
 43 100
 58 15.9 38.6 57.8#
 57 22.9 13.0 19.6#
 100 0.0 7.5 11.3#





#62

Bromoform

Concen: 1.442 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW011893.D

Acq: 13 Aug 2019 14:13

Instrument :

MSVOA_W

ClientSampled :

ETOD4

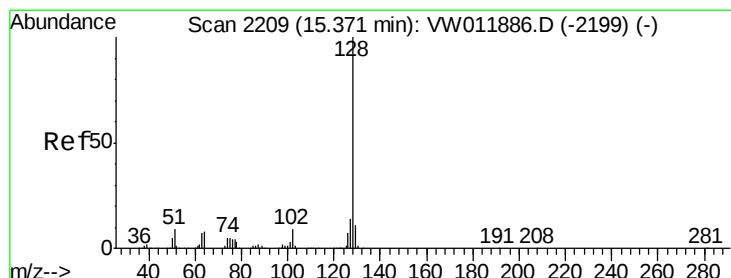
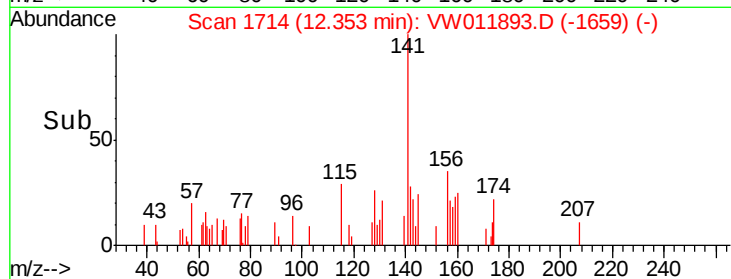
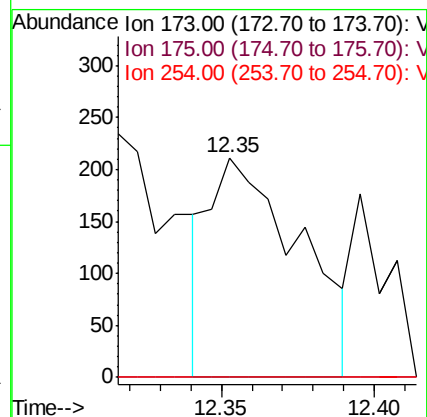
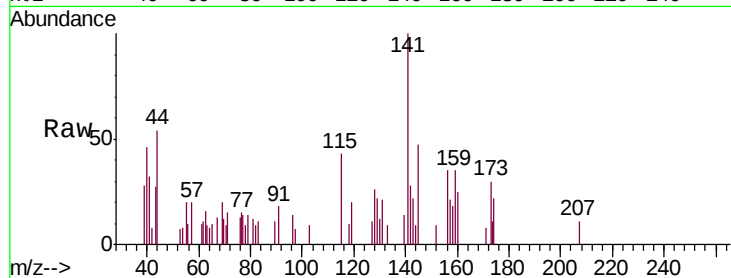
Tgt Ion:173 Resp: 432

Ion Ratio Lower Upper

173 100

175 0.0 39.4 59.0#

254 0.0 9.0 13.6#



#69

Naphthalene

Concen: 0.548 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011893.D

Acq: 13 Aug 2019 14:13

Tgt Ion:128 Resp: 743

Ion Ratio Lower Upper

128 100

129 20.9 8.7 13.1#

127 15.9 10.6 16.0

