

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
 Data File : VW010301.D
 Acq On : 07 May 2019 16:36
 Operator : SY/VA
 Sample : K2690-04
 Misc : 5.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5150

Quant Time: May 08 04:38:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	405966	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127374	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94788	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
7) Chloroethane-d5	2.89	69	75510	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
10) 1,1-Dichloroethene-d2	4.01	63	178530	15.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.64%
20) 2-Butanone-d5	7.08	46	164733	75.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.44%#
24) Chloroform-d	7.64	84	276742	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	8.30	65	186215	29.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.36%
29) Benzene-d6	8.27	84	510510	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	179648	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.04%
37) Toluene-d8	10.32	98	419565	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.12%
38) trans-1,3-Dichloropropene-	10.57	79	79696	26.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.76%
39) 2-Hexanone-d5	10.93	63	129404	77.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	160511	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	118943	27.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.44%

Target Compounds

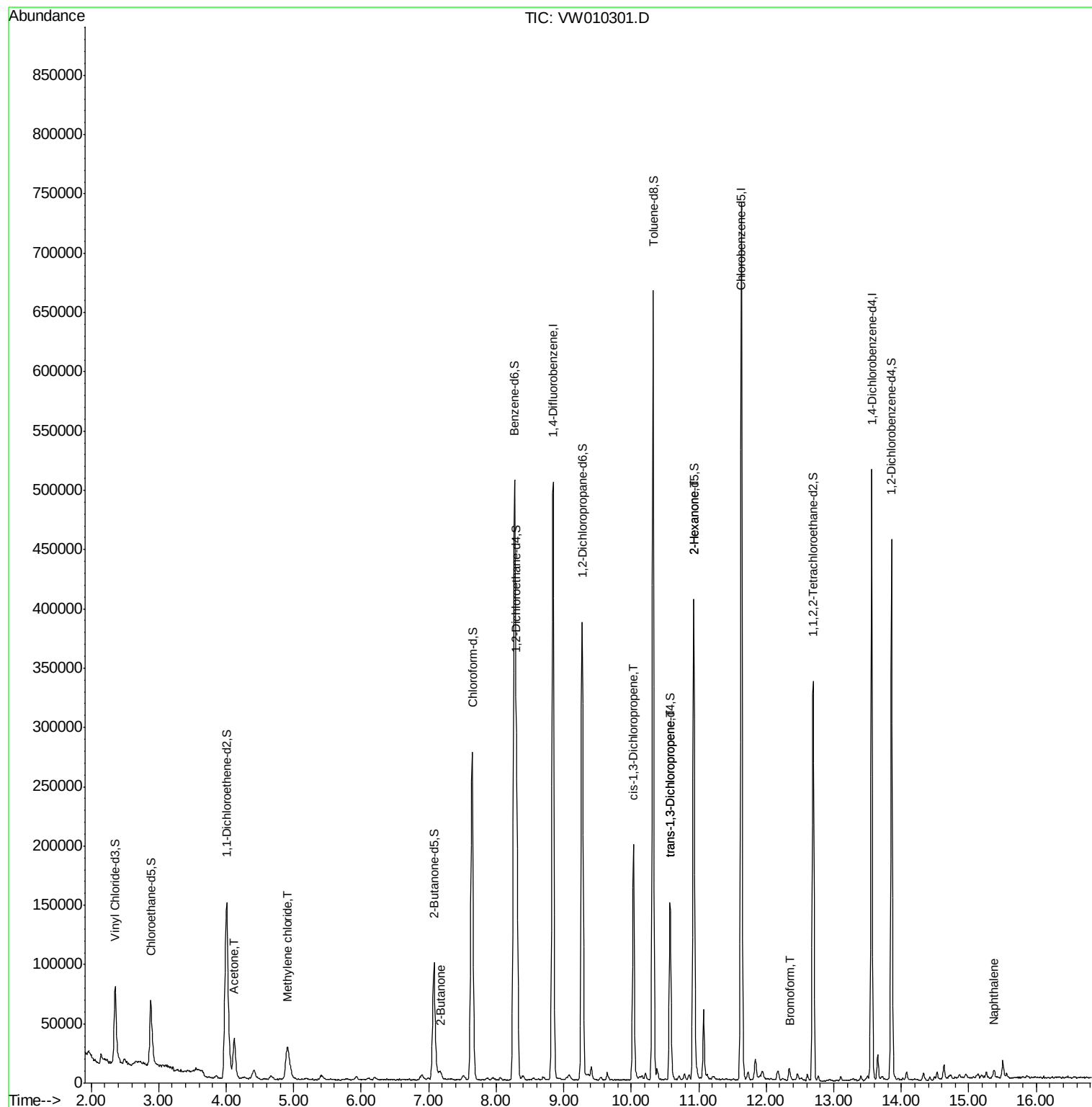
					Qvalue
13) Acetone	4.12	43	58677	31.313 ug/L	99
16) Methylene chloride	4.90	84	25678	4.672 ug/L	97
21) 2-Butanone	7.17	43	6152	2.295 ug/L	82
42) cis-1,3-Dichloropropene	10.04	75	5994	0.650 ug/L	84
45) trans-1,3-Dichloropropene	10.58	75	5626	0.708 ug/L	98
49) 2-Hexanone	10.92	43	17493	4.203 ug/L	# 67
62) Bromoform	12.35	173	973	0.444 ug/L	# 59
69) Naphthalene	15.37	128	5482	0.541 ug/L	98

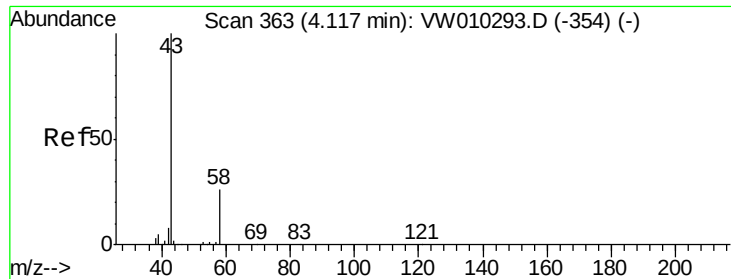
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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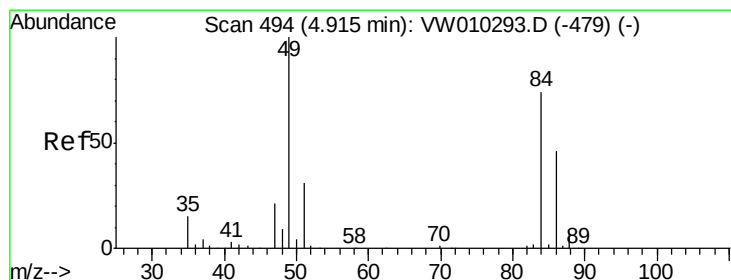
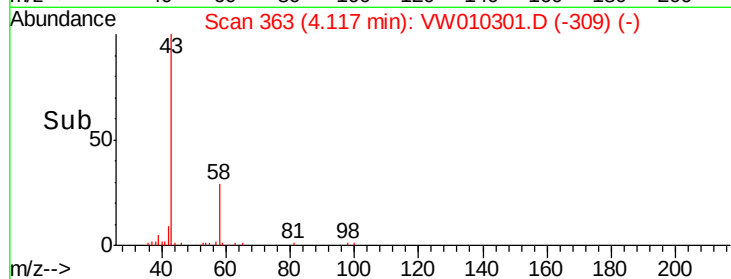
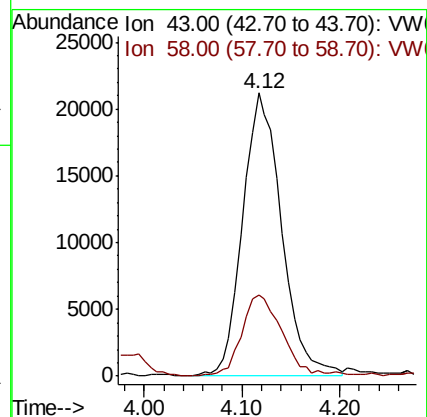
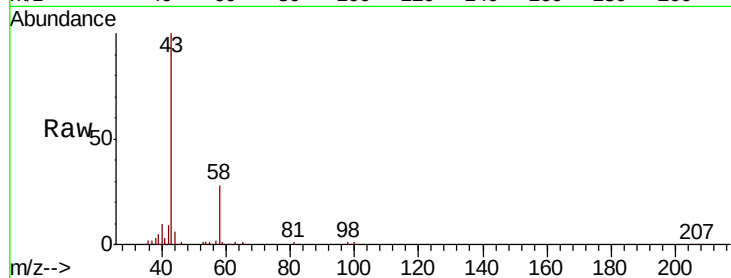




#13
Acetone
Concen: 31.313 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW010301.D
Acq: 07 May 2019 16:36

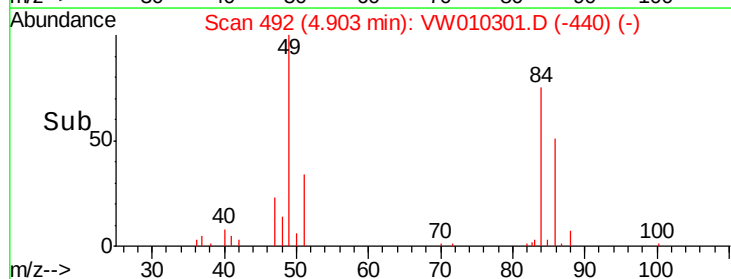
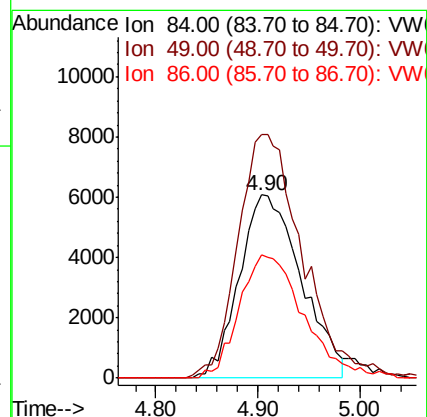
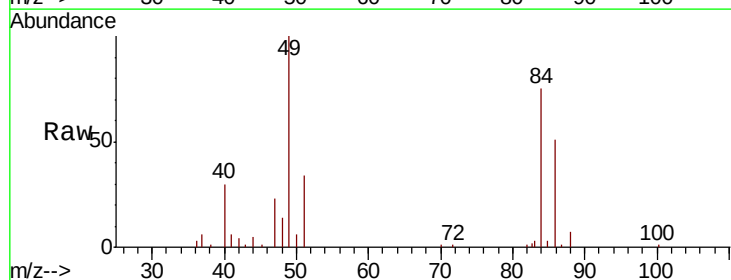
Instrument :
MSVOA_W
ClientSampleId :
A5150

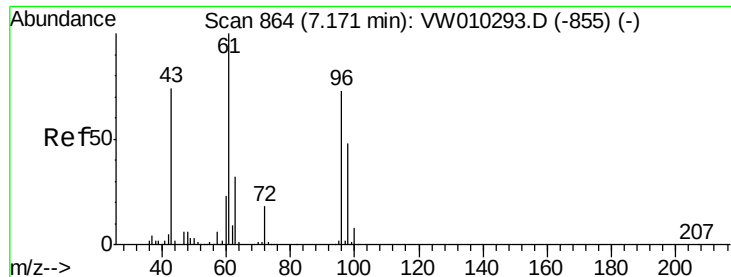
Tgt Ion: 43 Resp: 58677
Ion Ratio Lower Upper
43 100
58 28.3 0.0 55.2



#16
Methylene chloride
Concen: 4.672 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010301.D
Acq: 07 May 2019 16:36

Tgt Ion: 84 Resp: 25678
Ion Ratio Lower Upper
84 100
49 132.7 94.4 175.4
86 67.6 43.8 81.4





#21

2-Butanone

Concen: 2.295 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010301.D

Acq: 07 May 2019 16:36

Instrument :

MSVOA_W

ClientSampled :

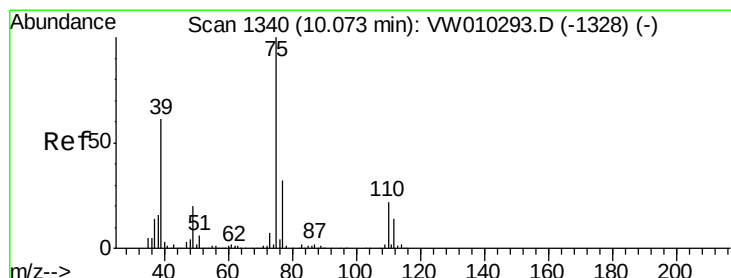
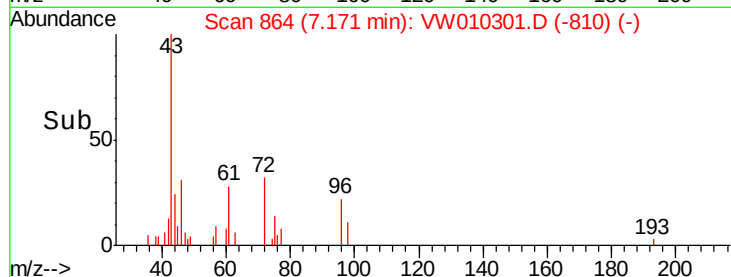
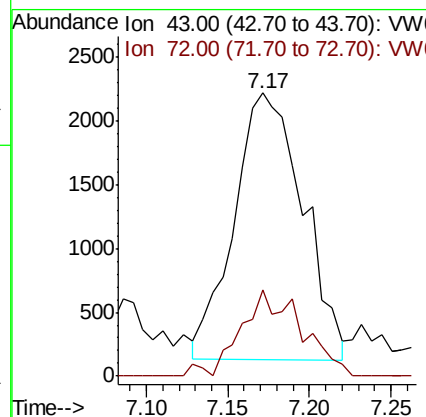
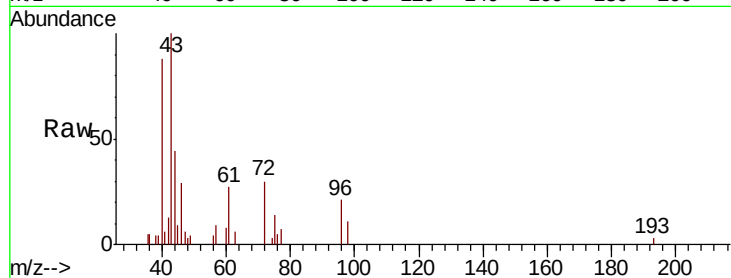
A5150

Tgt Ion: 43 Resp: 6152

Ion Ratio Lower Upper

43 100

72 14.7 11.7 35.1



#42

cis-1,3-Dichloropropene

Concen: 0.650 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW010301.D

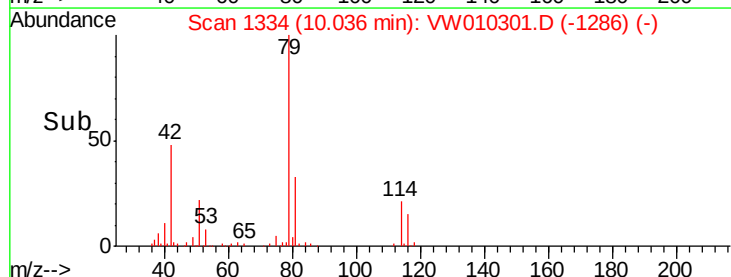
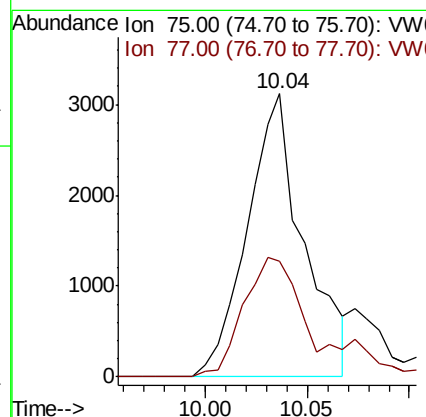
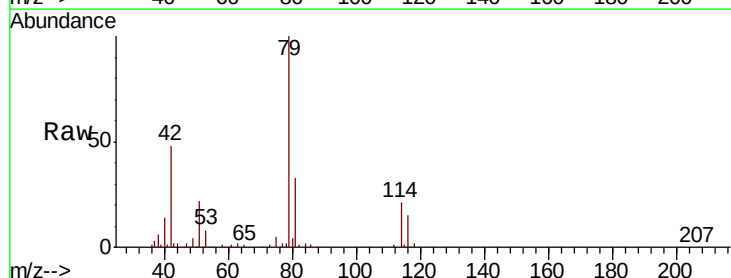
Acq: 07 May 2019 16:36

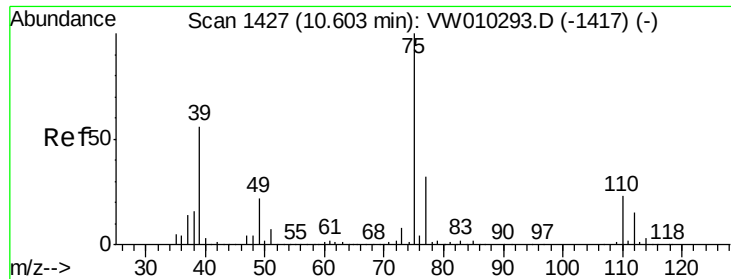
Tgt Ion: 75 Resp: 5994

Ion Ratio Lower Upper

75 100

77 41.1 22.5 41.7





#45

trans-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW010301.D

Acq: 07 May 2019 16:36

Instrument :

MSVOA_W

ClientSampled :

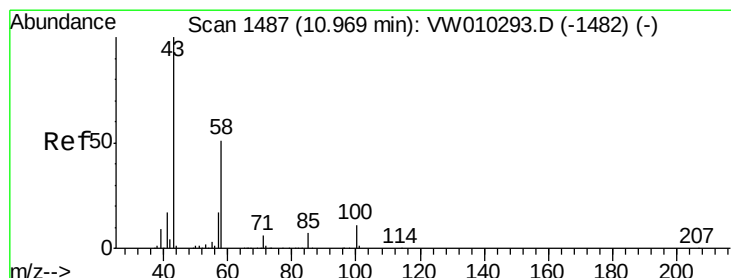
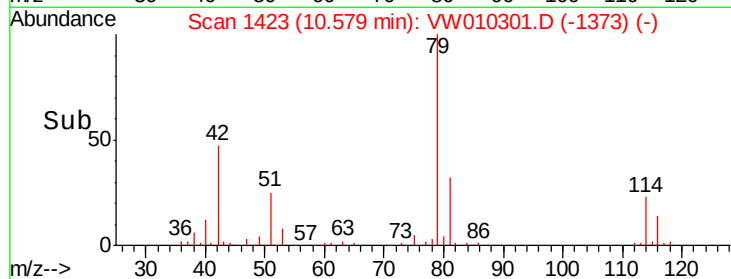
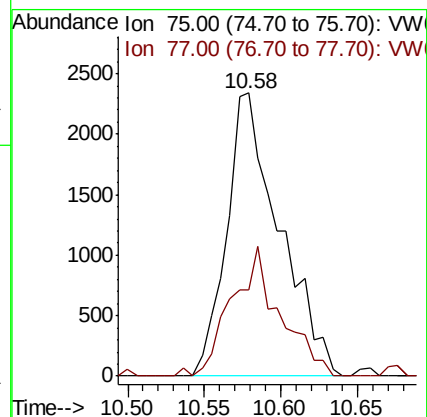
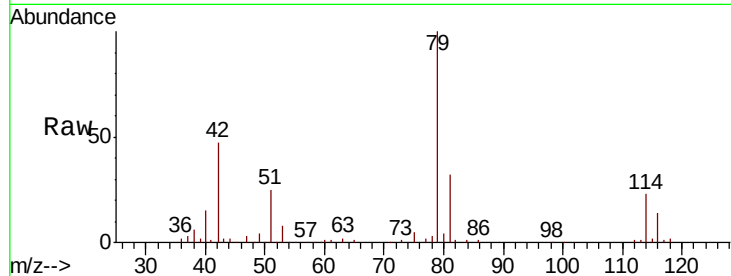
A5150

Tgt Ion: 75 Resp: 5626

Ion Ratio Lower Upper

75 100

77 30.4 22.1 41.1



#49

2-Hexanone

Concen: 4.203 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW010301.D

Acq: 07 May 2019 16:36

Tgt Ion: 43 Resp: 17493

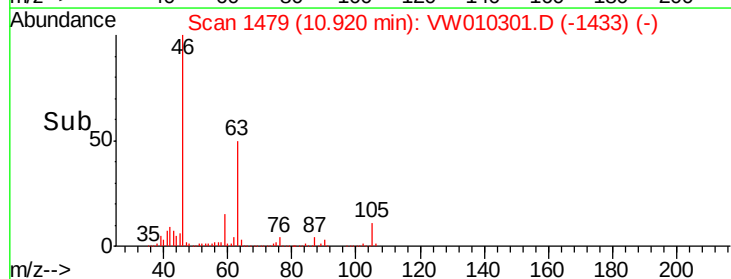
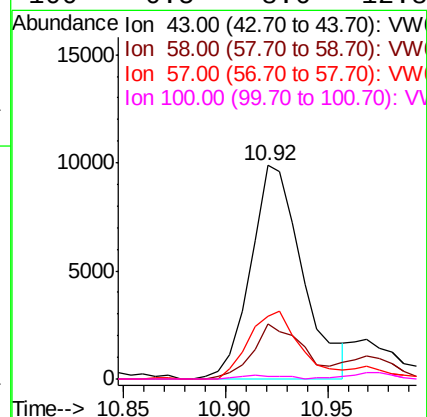
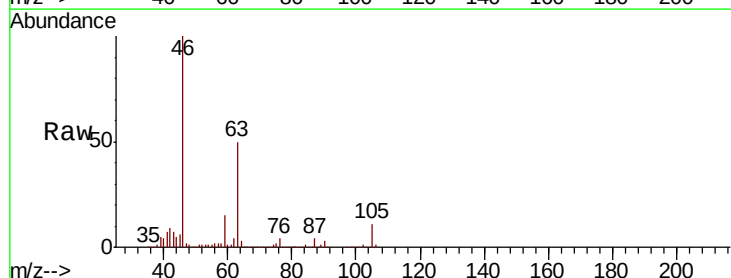
Ion Ratio Lower Upper

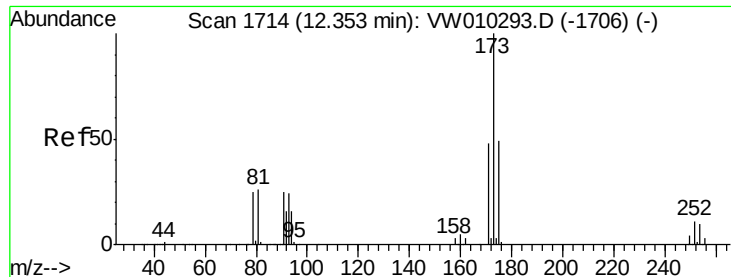
43 100

58 24.9 39.2 58.8#

57 31.3 14.1 21.1#

100 0.5 8.6 12.8#





#62

Bromoform

Concen: 0.444 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW010301.D

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Instrument :

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ClientSampleId :

A5150

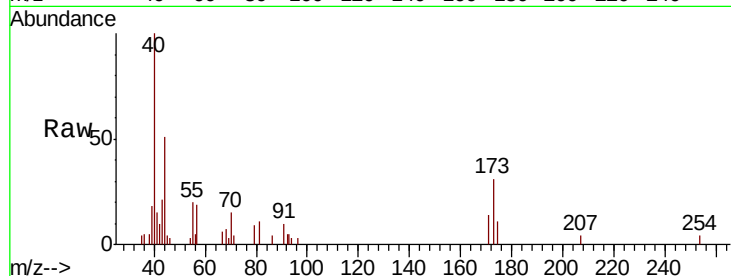
Tgt Ion:173 Resp: 973

Ion Ratio Lower Upper

173 100

175 16.2 39.4 59.2#

254 7.6 7.5 11.3

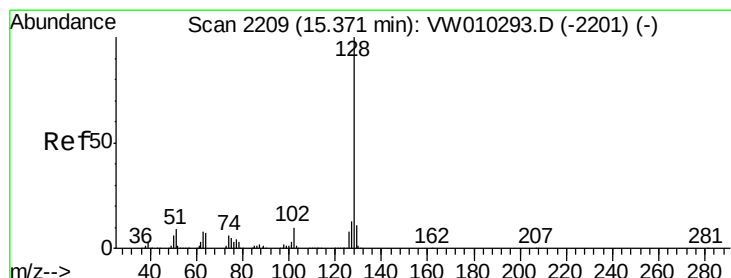
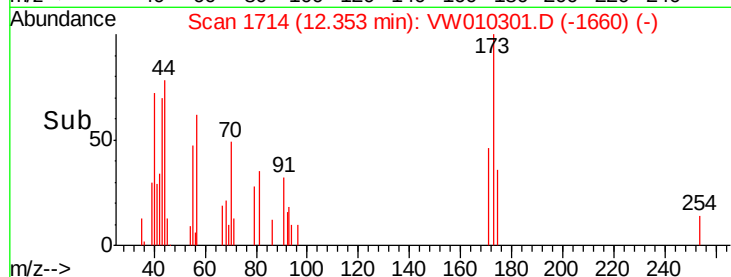
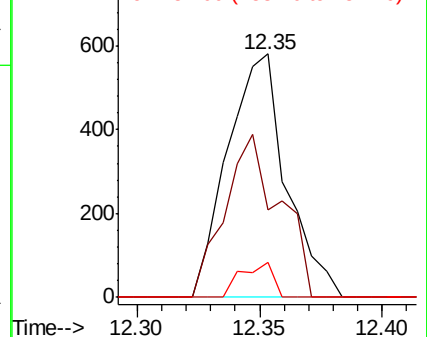


Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#69

Naphthalene

Concen: 0.541 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010301.D

Acq: 07 May 2019 16:36

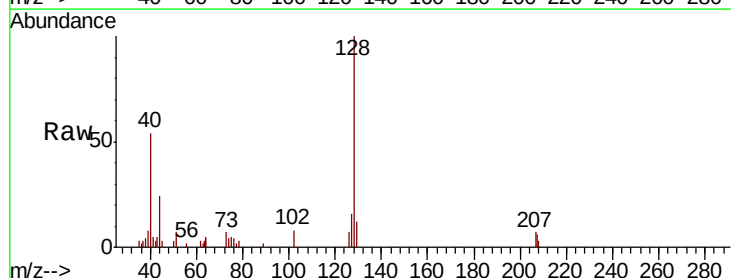
Tgt Ion:128 Resp: 5482

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 12.4 10.8 16.2



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

