

Data File : VW005393.D
Acq On : 14 Sep 2018 17:46
Operator : SY/AP
Sample : J4865-09
Misc : 5.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3N7RE

Quant Time: Sep 14 23:17:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 23:16:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	27301	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	27222	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	9780	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	8718	27.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.68%
7) Chloroethane-d5	2.89	69	7419	33.30	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.20%
10) 1,1-Dichloroethene-d2	4.03	63	13234	23.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.08%
20) 2-Butanone-d5	7.09	46	6421	54.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.22%
24) Chloroform-d	7.66	84	16110	31.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.56%
26) 1,2-Dichloroethane-d4	8.31	65	12262	37.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	150.60%#
29) Benzene-d6	8.28	84	33592	30.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.96%
33) 1,2-Dichloropropane-d6	9.28	67	10804	34.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	138.52%#
37) Toluene-d8	10.33	98	28897	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.40%
38) trans-1,3-Dichloropropene-	10.59	79	4759	30.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.96%
39) 2-Hexanone-d5	10.93	63	3418	35.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.38%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	9869	30.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.00%#
61) 1,2-Dichlorobenzene-d4	13.87	152	8831	30.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.36%#

Target Compounds

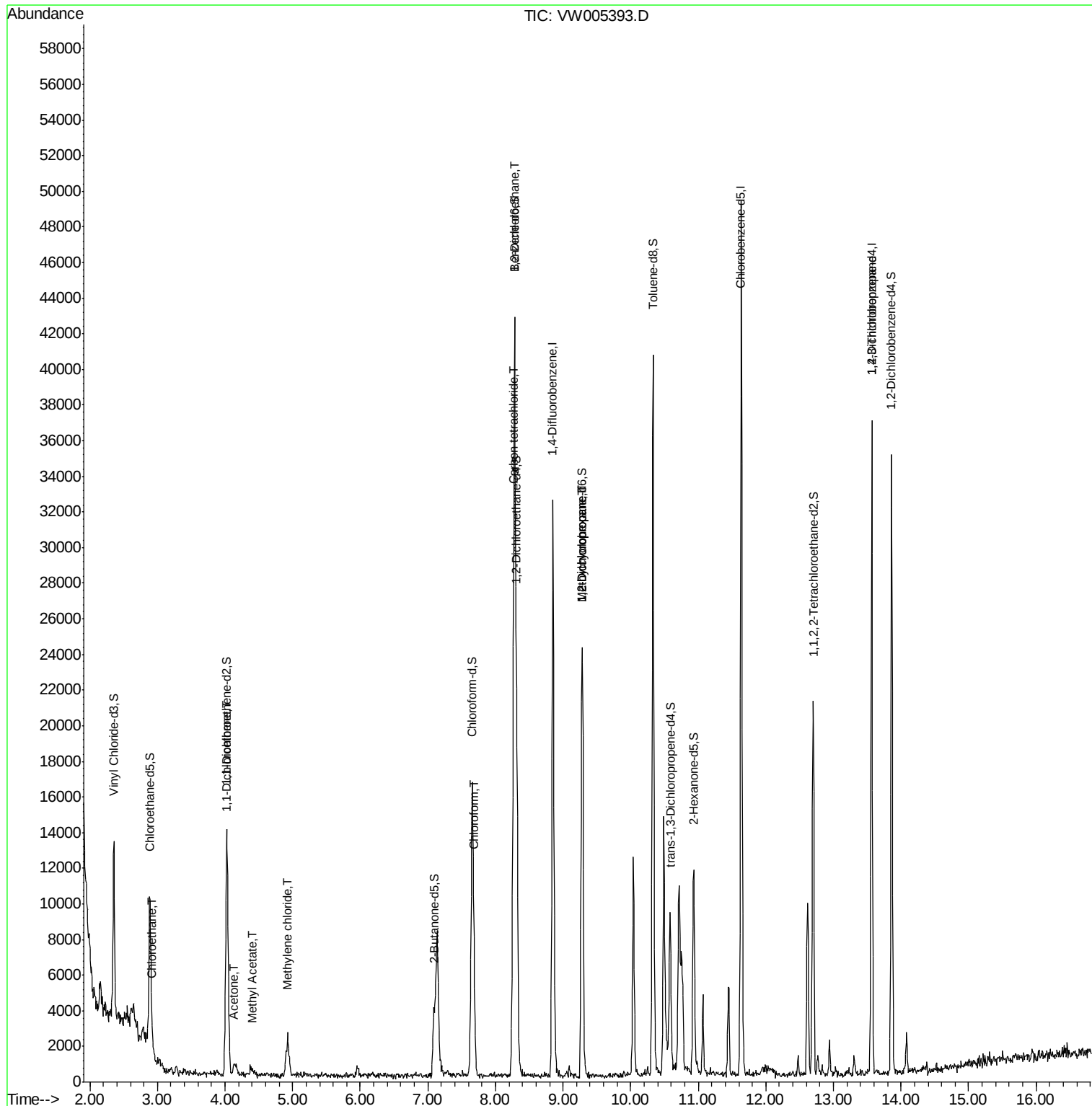
					Qvalue
8) Chloroethane	2.92	64	235	0.896 ug/L #	41
12) 1,1-Dichloroethene	4.01	96	87	0.293 ug/L #	1
13) Acetone	4.14	43	1349	12.107 ug/L	59
15) Methyl Acetate	4.40	43	126	0.513 ug/L #	54
16) Methylene chloride	4.92	84	789	1.522 ug/L	94
25) Chloroform	7.68	83	2744	4.304 ug/L	88
27) 1,2-Dichloroethane	8.28	62	236	0.477 ug/L #	78
32) Carbon tetrachloride	8.26	117	204	0.355 ug/L #	2
36) Methylcyclohexane	9.28	83	2831	4.052 ug/L #	17
40) 1,2-Dichloropropane	9.28	63	1352	3.611 ug/L #	87
59) 1,2,3-Trichloropropane	13.57	75	1150	3.330 ug/L #	79

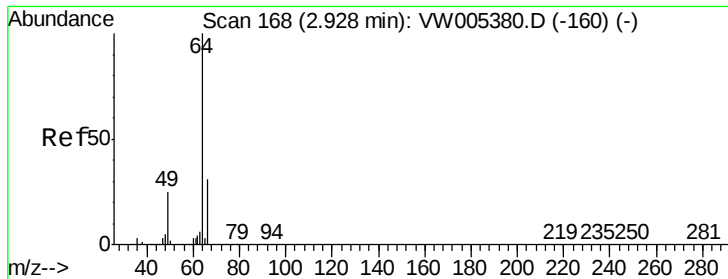
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.896 ug/L

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW005393.D

Acq: 14 Sep 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

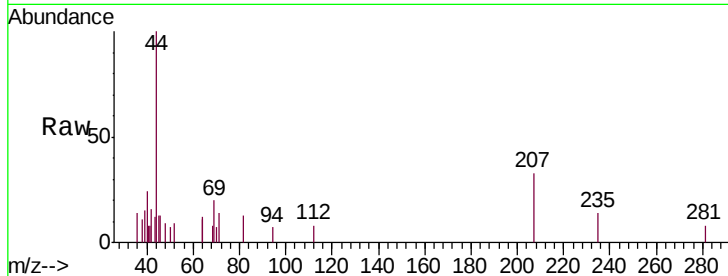
DB3N7RE

Tgt Ion: 64 Resp: 235

Ion Ratio Lower Upper

64 100

66 0.0 23.7 43.9#



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW

2.92

150

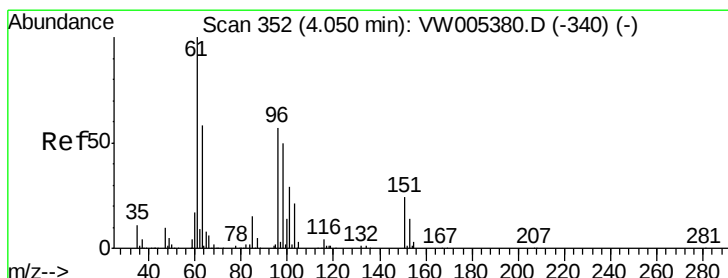
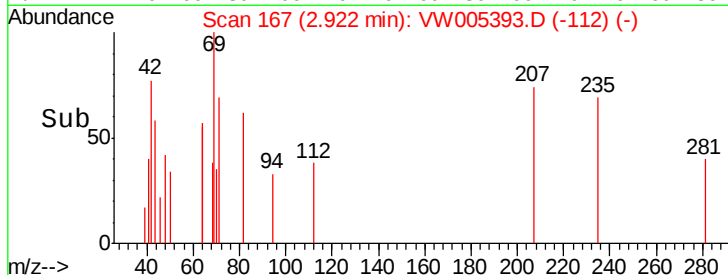
100

50

0

2.90 2.92 2.94

Time-->



#12

1,1-Dichloroethene

Concen: 0.293 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.03 min

Lab File: VW005393.D

Acq: 14 Sep 2018 17:46

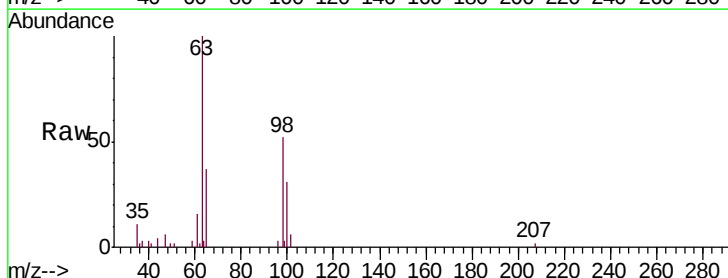
Tgt Ion: 96 Resp: 87

Ion Ratio Lower Upper

96 100

61 594.7 123.3 229.1#

63 3725.5 69.4 128.8#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

6000

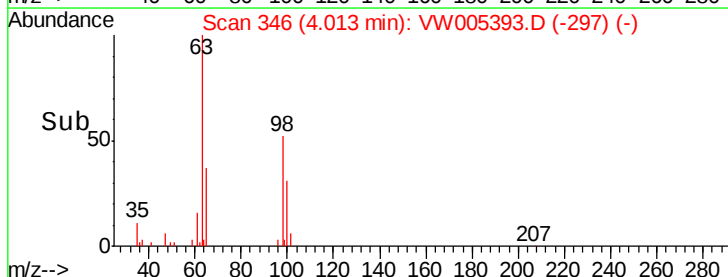
4000

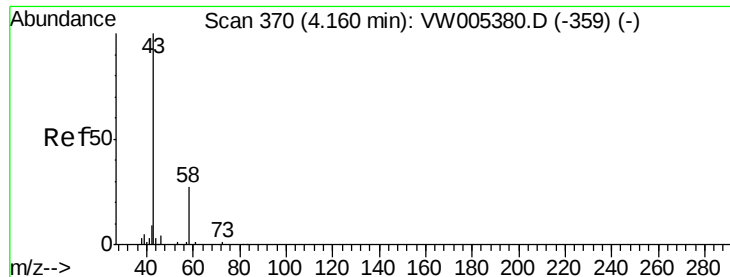
2000

0

4.00 4.01 4.02 4.03 4.04

Time-->





#13

Acetone

Concen: 12.107 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005393.D

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Instrument :

MSVOA_W

ClientSampleId :

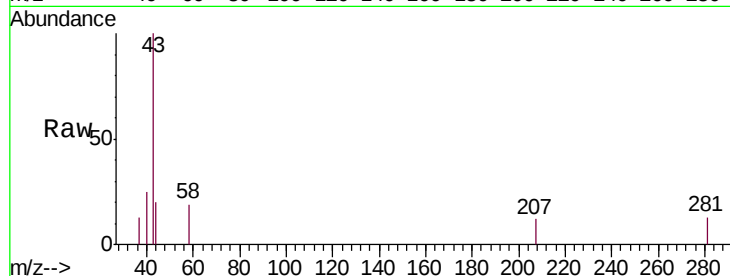
DB3N7RE

Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

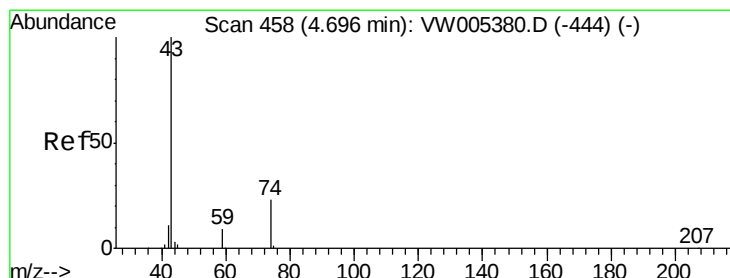
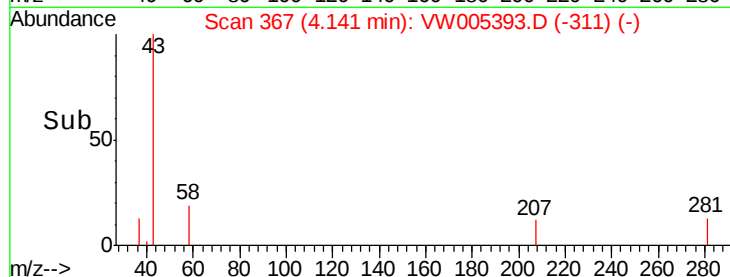
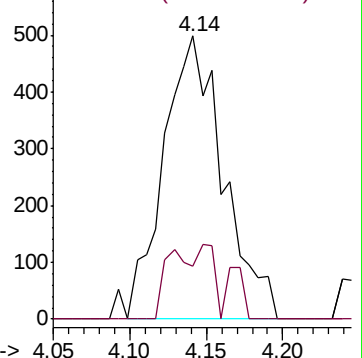
43 100

58 7.0 0.0 57.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 0.513 ug/L

RT: 4.40 min Scan# 410

Delta R.T. -0.27 min

Lab File: VW005393.D

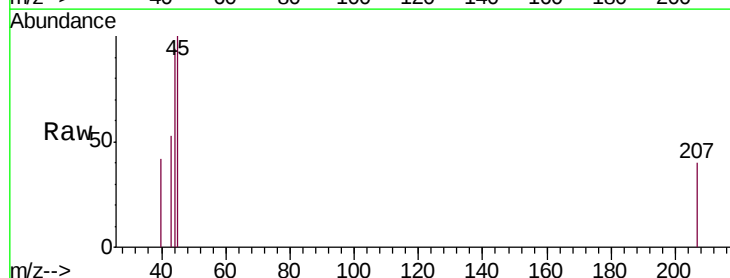
Acq: 14 Sep 2018 17:46

Tgt Ion: 43 Resp: 126

Ion Ratio Lower Upper

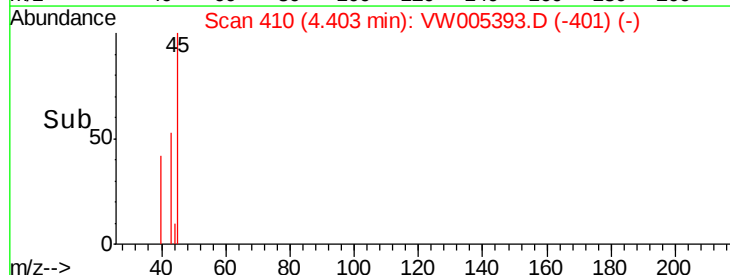
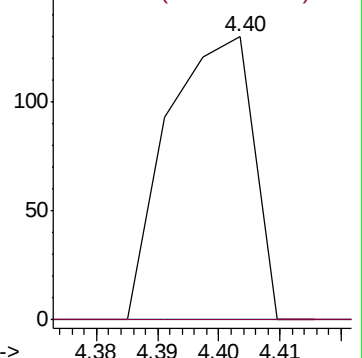
43 100

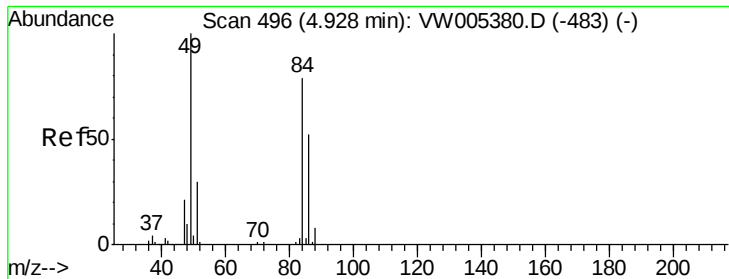
74 0.0 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

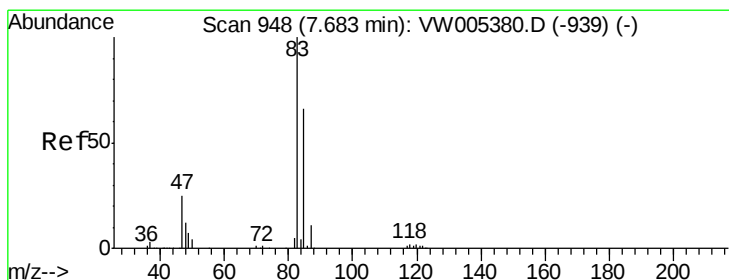
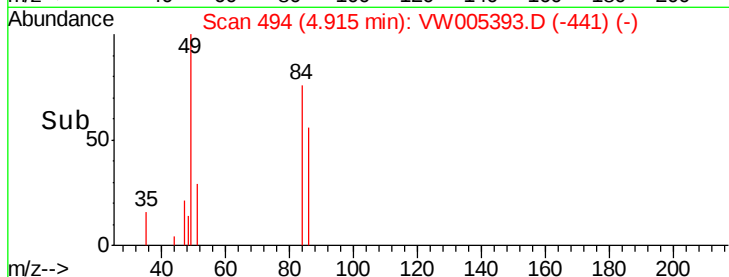
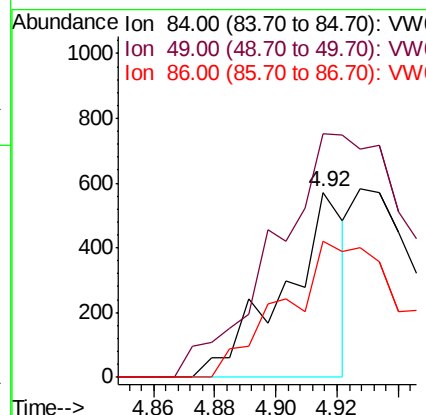
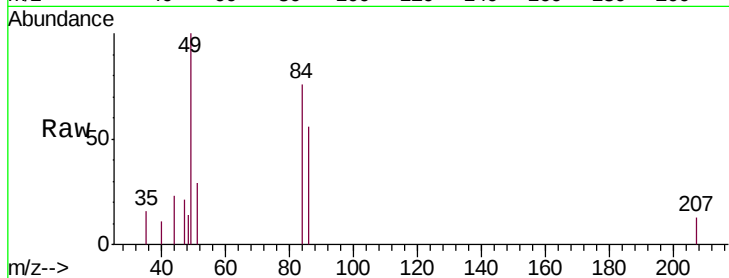




#16
Methylene chloride
Concen: 1.522 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005393.D
Acq: 14 Sep 2018 17:46

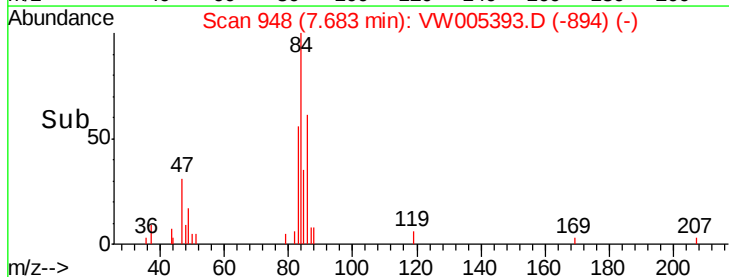
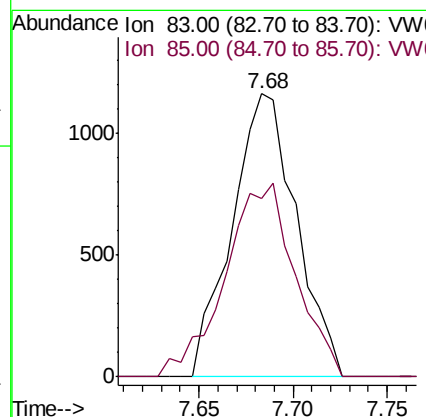
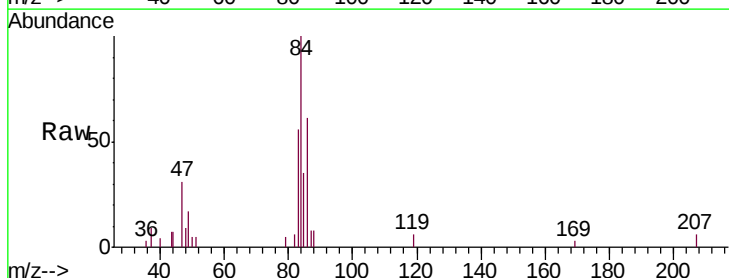
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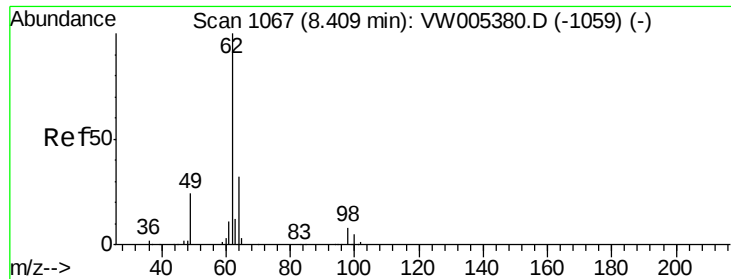
Tgt Ion: 84 Resp: 789
Ion Ratio Lower Upper
84 100
49 131.5 90.9 168.7
86 73.8 43.6 81.0



#25
Chloroform
Concen: 4.304 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005393.D
Acq: 14 Sep 2018 17:46

Tgt Ion: 83 Resp: 2744
Ion Ratio Lower Upper
83 100
85 74.6 45.6 84.8





#27

1,2-Dichloroethane

Concen: 0.477 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.13 min

Lab File: VW005393.D

Acq: 14 Sep 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

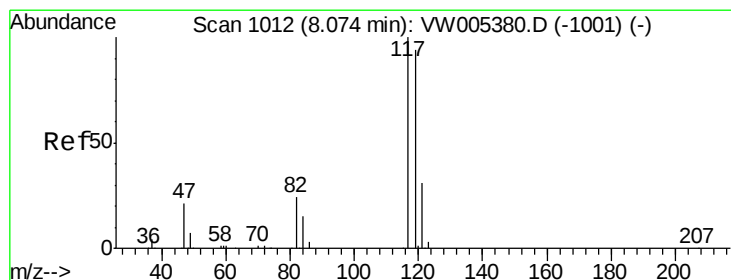
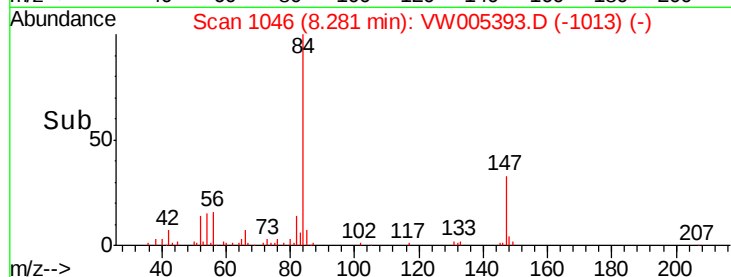
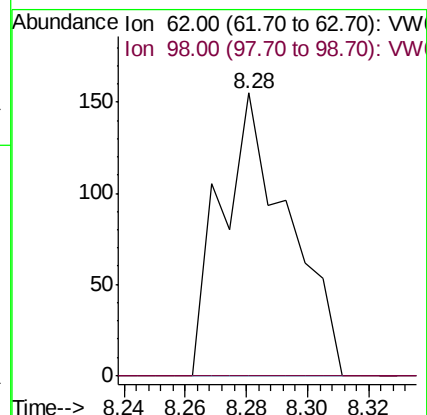
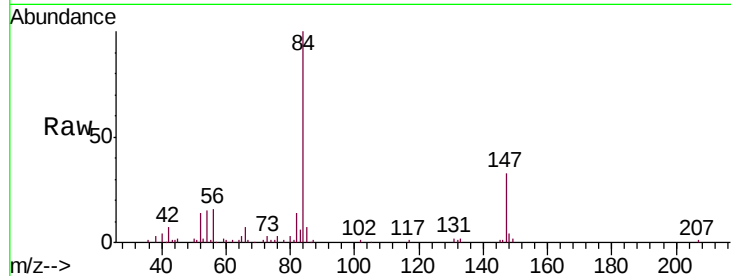
DB3N7RE

Tgt Ion: 62 Resp: 236

Ion Ratio Lower Upper

62 100

98 0.0 6.0 9.0#



#32

Carbon tetrachloride

Concen: 0.355 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.19 min

Lab File: VW005393.D

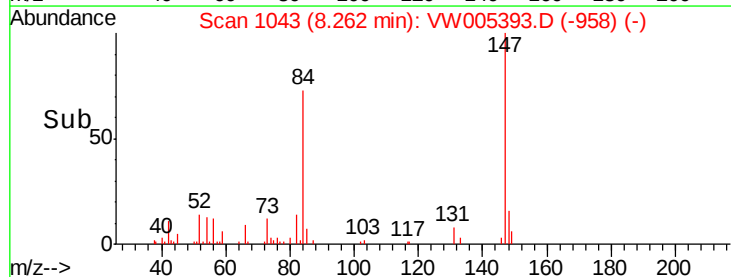
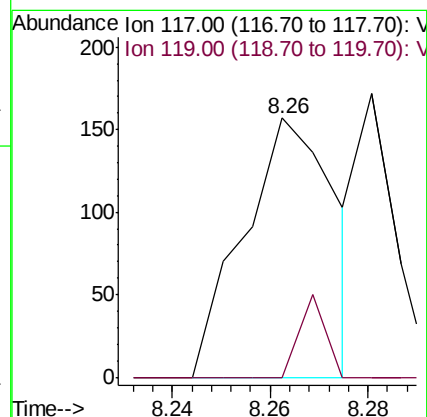
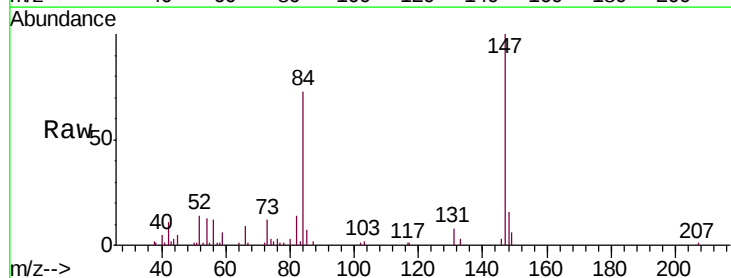
Acq: 14 Sep 2018 17:46

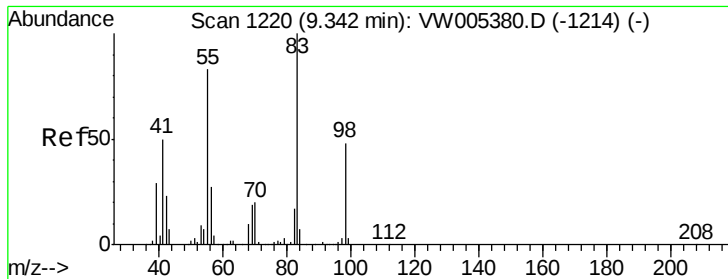
Tgt Ion: 117 Resp: 204

Ion Ratio Lower Upper

117 100

119 0.0 77.0 115.6#

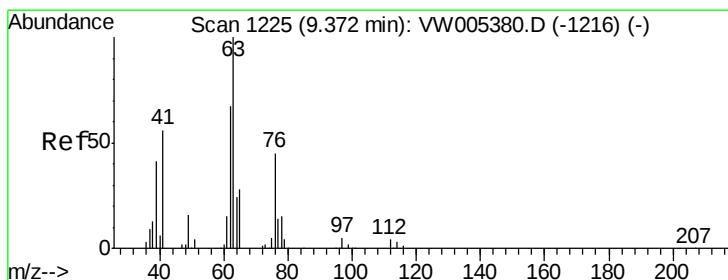
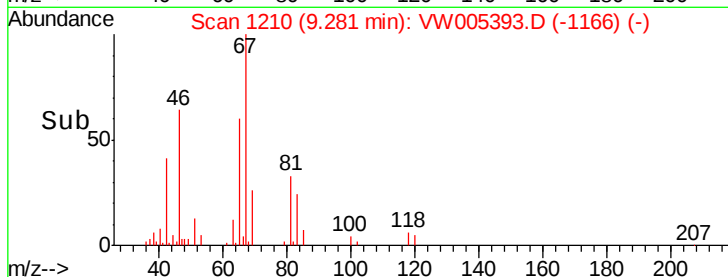
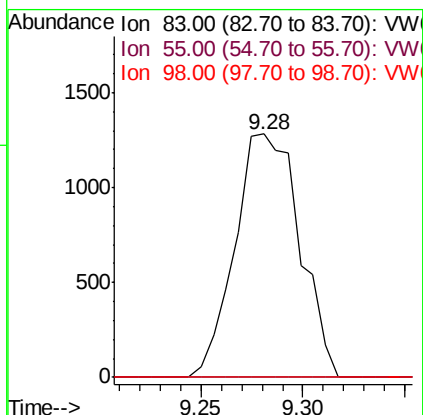
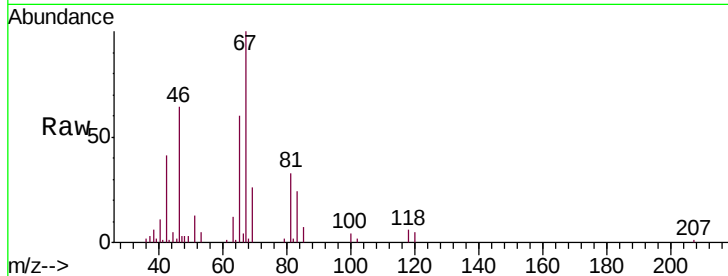




#36
Methylcyclohexane
Concen: 4.052 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW005393.D
Acq: 14 Sep 2018 17:46

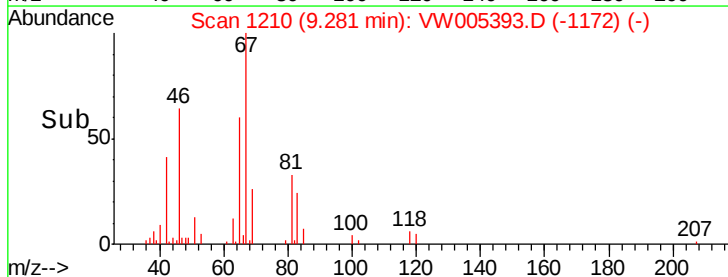
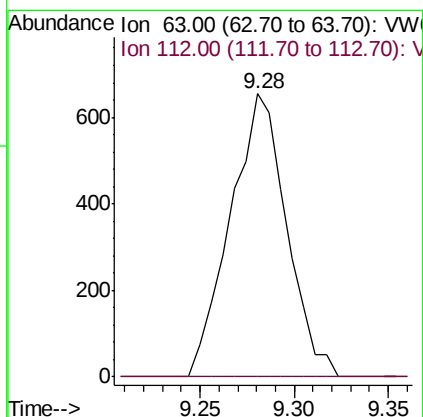
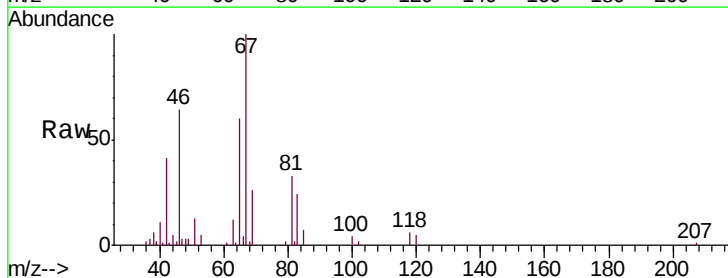
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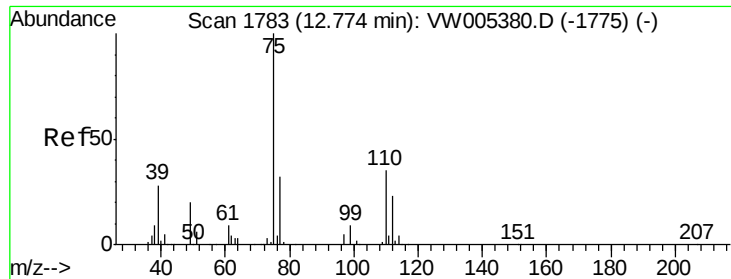
Tgt Ion: 83 Resp: 2831
Ion Ratio Lower Upper
83 100
55 0.0 66.4 99.6#
98 2.7 37.3 55.9#



#40
1,2-Dichloropropane
Concen: 3.611 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.10 min
Lab File: VW005393.D
Acq: 14 Sep 2018 17:46

Tgt Ion: 63 Resp: 1352
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#59

1,2,3-Trichloropropane

Concen: 3.330 ug/L

RT: 13.57 min Scan# 1913

Delta R.T. 0.79 min

Lab File: VW005393.D

Acq: 14 Sep 2018 17:46

Instrument :

MSVOA_W

ClientSampleId :

DB3N7RE

Tgt Ion: 75 Resp: 1150

Ion Ratio Lower Upper

75 100

77 43.8 25.7 38.5#

