

Data File : VW005394.D
Acq On : 14 Sep 2018 18:11
Operator : SY/AP
Sample : J4865-13
Misc : 4.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB3P1RE

Quant Time: Sep 14 23:17:59 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	250631	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	210751	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	62587	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67698	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
7) Chloroethane-d5	2.89	69	55971	27.37	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.48%
10) 1,1-Dichloroethene-d2	4.03	63	91074	17.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.52%
20) 2-Butanone-d5	7.09	46	28898	26.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.04%
24) Chloroform-d	7.66	84	131905	28.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.88%
26) 1,2-Dichloroethane-d4	8.31	65	83677	27.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.96%
29) Benzene-d6	8.28	84	247506	29.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.00%
33) 1,2-Dichloropropane-d6	9.28	67	73465	30.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.68%#
37) Toluene-d8	10.33	98	222403	25.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.80%
38) trans-1,3-Dichloropropene-	10.58	79	27219	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.08%
39) 2-Hexanone-d5	10.93	63	17403	23.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	50342	19.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	45408	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

Target Compounds

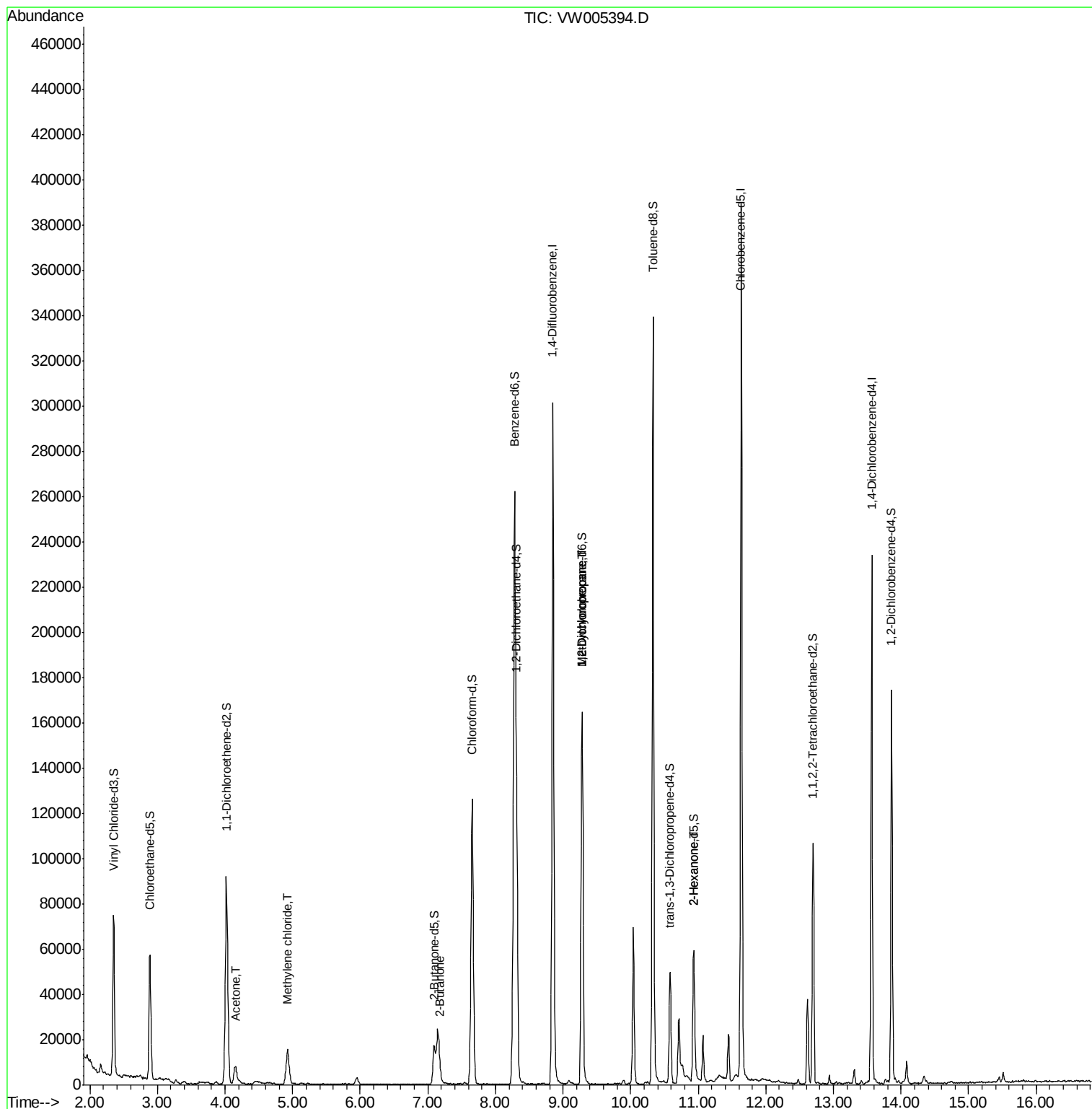
					Qvalue
13) Acetone	4.15	43	14120	13.804 ug/L	77
16) Methylene chloride	4.93	84	11151	2.343 ug/L	96
21) 2-Butanone	7.18	43	2547	1.625 ug/L	98
36) Methylcyclohexane	9.28	83	19014	3.515 ug/L #	17
40) 1,2-Dichloropropane	9.28	63	8926	3.079 ug/L #	87
49) 2-Hexanone	10.94	43	2825	1.387 ug/L #	80

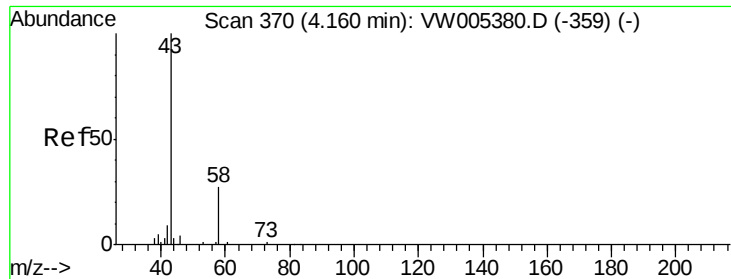
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.804 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

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Acq: 14 Sep 2018 18:11

Instrument :

MSVOA_W

ClientSampleId :

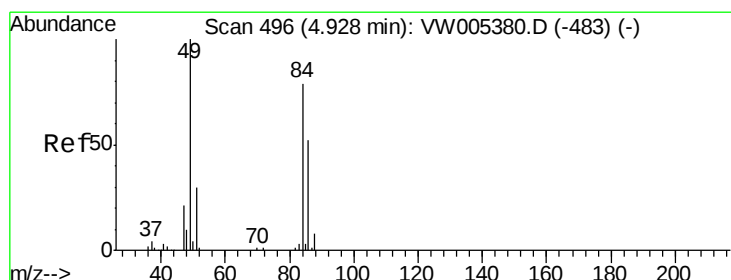
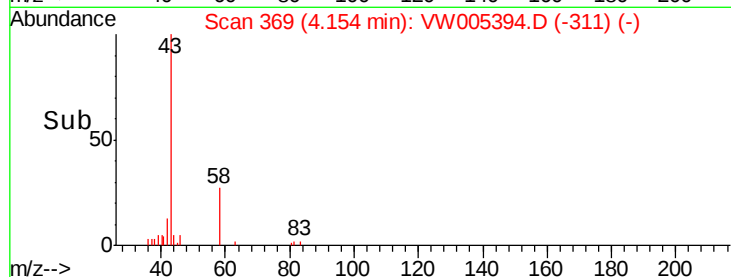
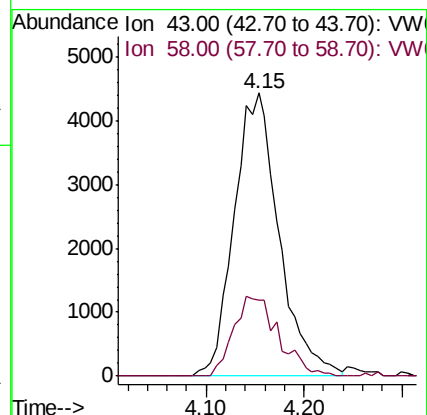
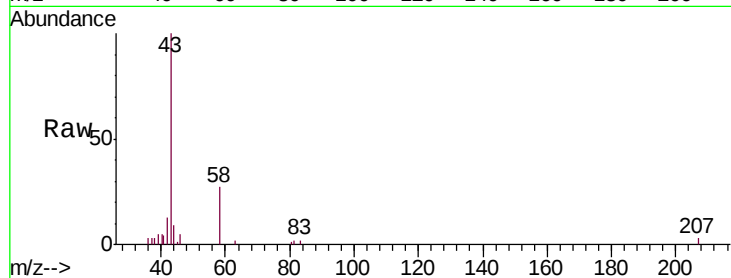
DB3P1RE

Tgt Ion: 43 Resp: 14120

Ion Ratio Lower Upper

43 100

58 16.4 0.0 57.6



#16

Methylene chloride

Concen: 2.343 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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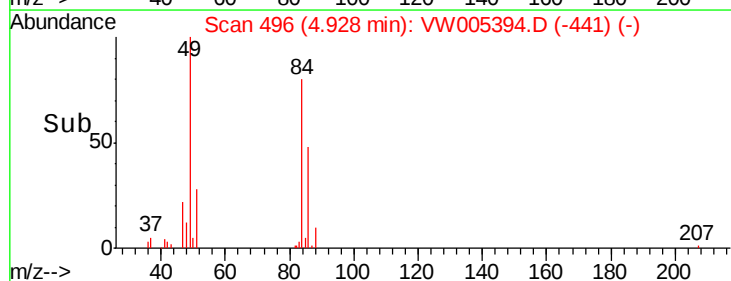
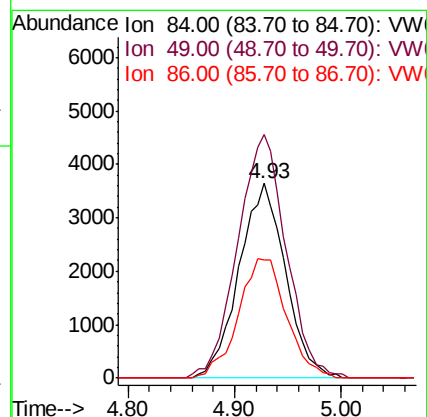
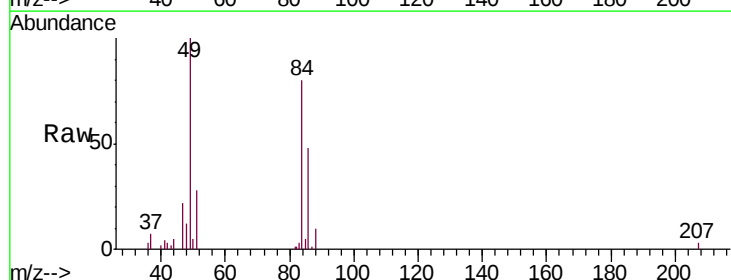
Tgt Ion: 84 Resp: 11151

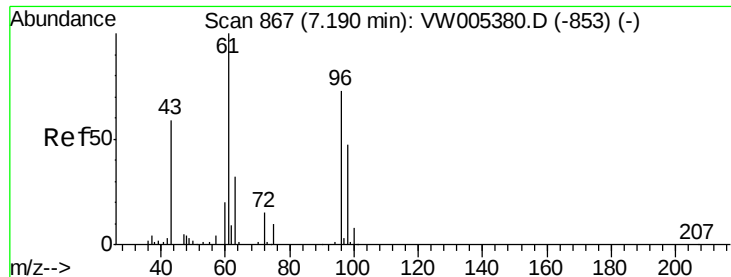
Ion Ratio Lower Upper

84 100

49 124.9 90.9 168.7

86 60.4 43.6 81.0





#21

2-Butanone

Concen: 1.625 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005394.D

Acq: 14 Sep 2018 18:11

Instrument :

MSVOA_W

ClientSampled :

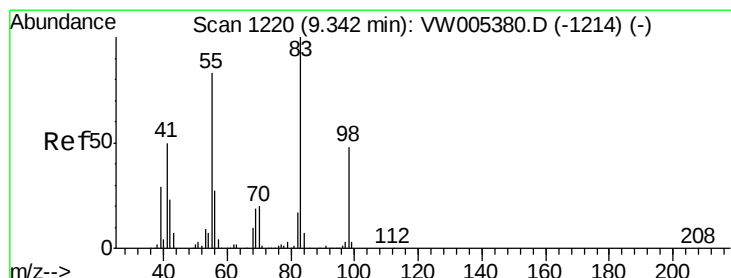
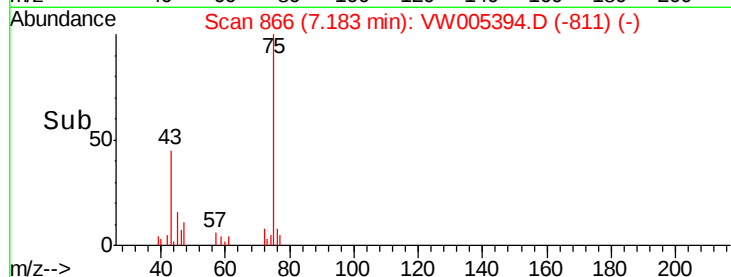
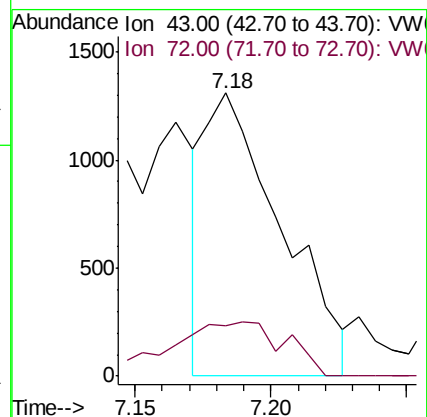
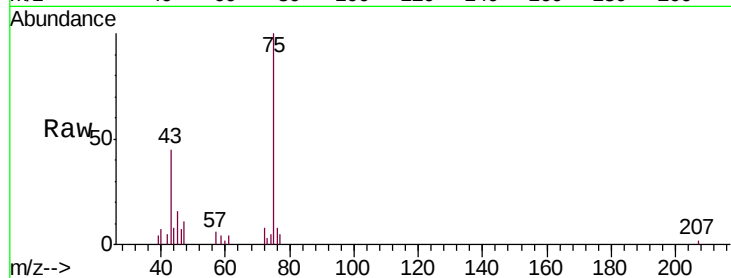
DB3P1RE

Tgt Ion: 43 Resp: 2547

Ion Ratio Lower Upper

43 100

72 24.5 11.8 35.4



#36

Methylcyclohexane

Concen: 3.515 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

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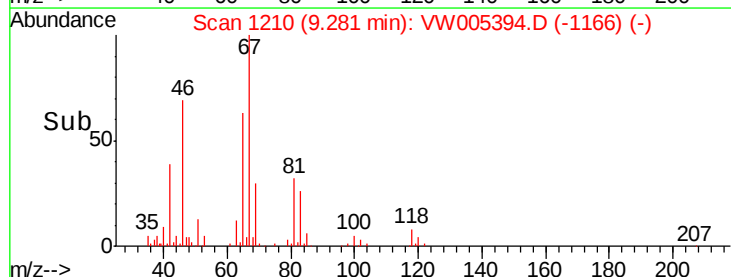
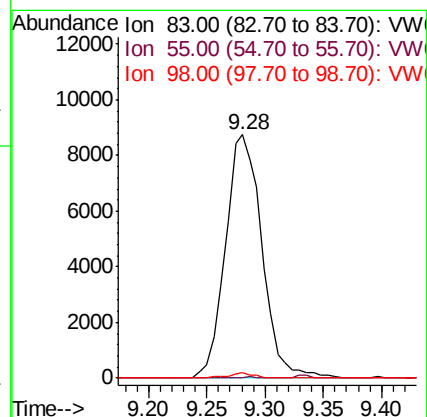
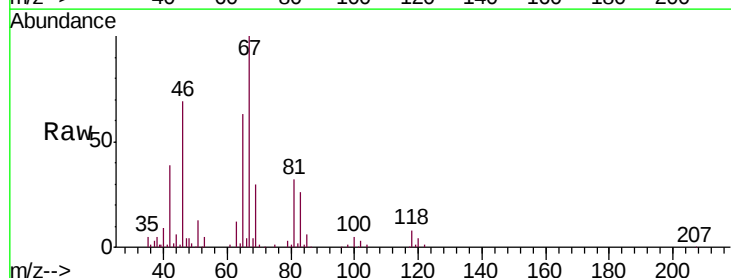
Tgt Ion: 83 Resp: 19014

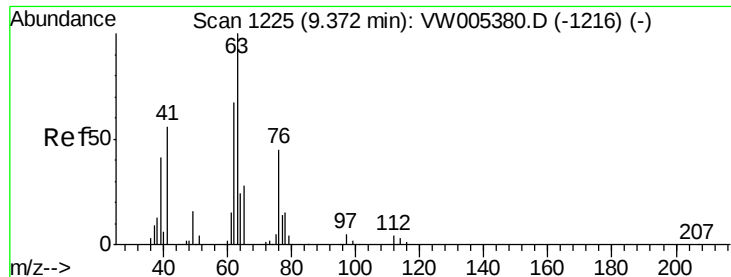
Ion Ratio Lower Upper

83 100

55 0.4 66.4 99.6#

98 1.1 37.3 55.9#

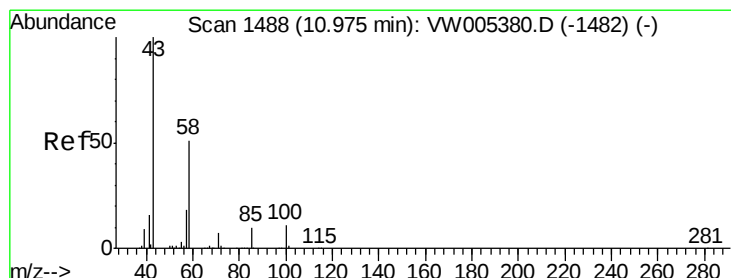
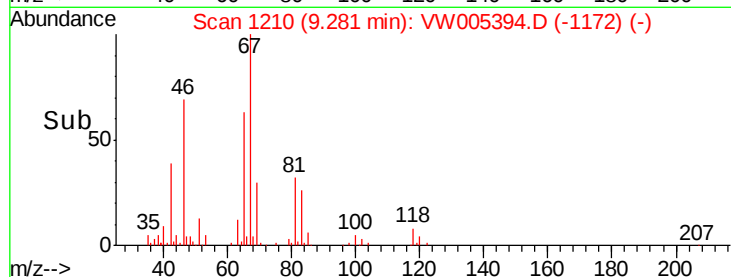
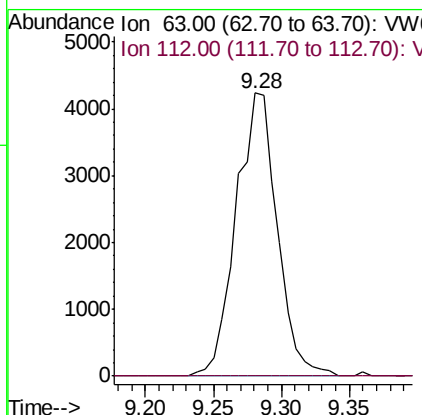
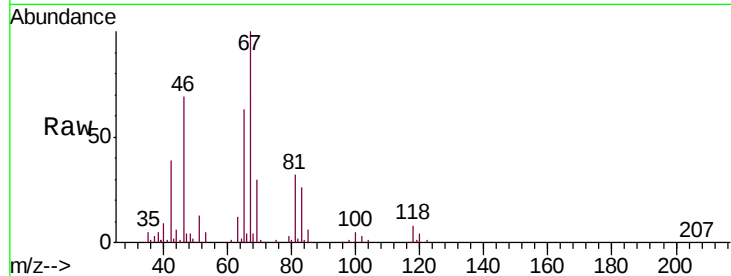




#40
 1,2-Dichloropropane
 Concen: 3.079 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.10 min
 Lab File: VW005394.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 DB3P1RE

Tgt Ion: 63 Resp: 8926
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#49
 2-Hexanone
 Concen: 1.387 ug/L
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.04 min
 Lab File: VW005394.D
 Acq: 14 Sep 2018 18:11

Tgt Ion: 43 Resp: 2825
 Ion Ratio Lower Upper
 43 100
 58 34.4 41.6 62.4#
 57 16.8 15.0 22.6
 100 3.2 8.6 12.8#

