

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080118\
 Data File : VW004394.D
 Acq On : 02 Aug 2018 03:24
 Operator : SY/AP
 Sample : J4209-03
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8

Quant Time: Aug 02 05:15:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 02 05:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	170465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	148690	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	51099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	53521	40.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	161.20%#
7) Chloroethane-d5	2.89	69	48483	36.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	147.80%
10) 1,1-Dichloroethene-d2	4.01	63	78482	20.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.88%
20) 2-Butanone-d5	7.09	46	17126	20.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.60%
24) Chloroform-d	7.65	84	110035	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.31	65	63341	26.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.36%
29) Benzene-d6	8.27	84	208931	27.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.84%
33) 1,2-Dichloropropane-d6	9.28	67	58005	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.52%
37) Toluene-d8	10.33	98	186022	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	10.58	79	11489	9.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	39.96%
39) 2-Hexanone-d5	10.93	63	13038	21.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.70%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	44298	17.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	48720	24.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.80%

Target Compounds

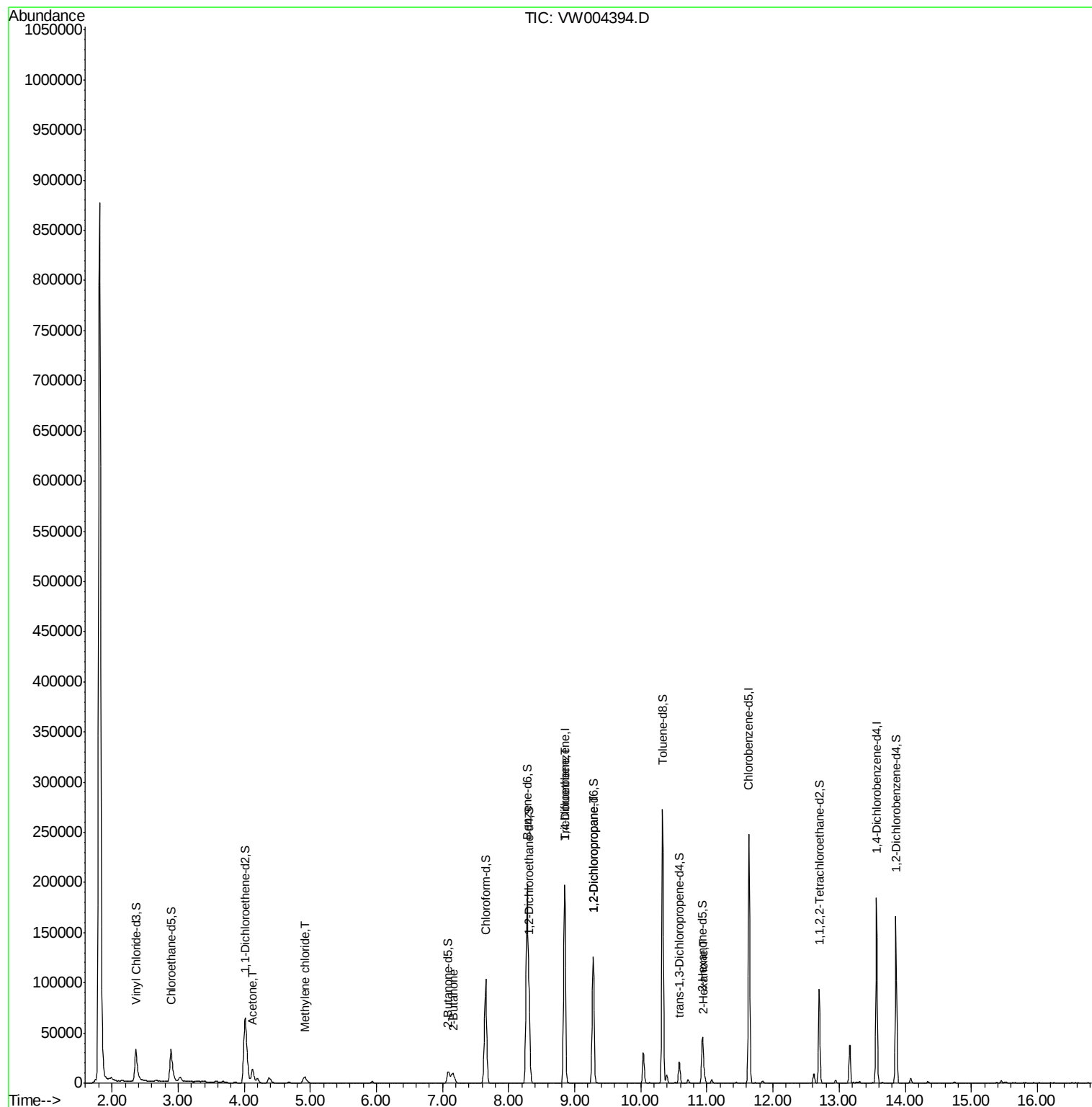
					Ovalue
13) Acetone	4.12	43	22651	31.438 ug/L	97
16) Methylene chloride	4.92	84	5470	2.030 ug/L	79
21) 2-Butanone	7.18	43	9263	9.433 ug/L	82
35) Trichloroethene	8.85	95	5097	2.209 ug/L #	3
40) 1,2-Dichloropropane	9.28	63	6801	3.145 ug/L #	87
49) 2-Hexanone	10.96	43	7541	5.796 ug/L #	40

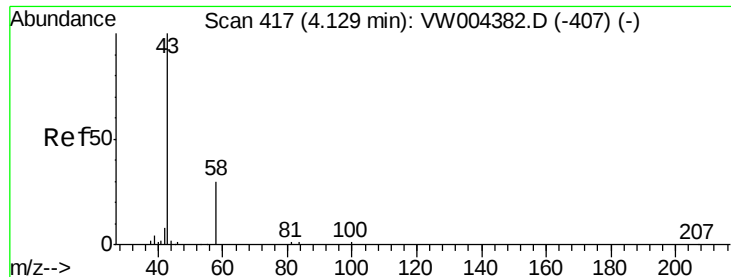
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 31.438 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

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Acq: 02 Aug 2018 03:24

Instrument :

MSVOA_W

ClientSampleId :

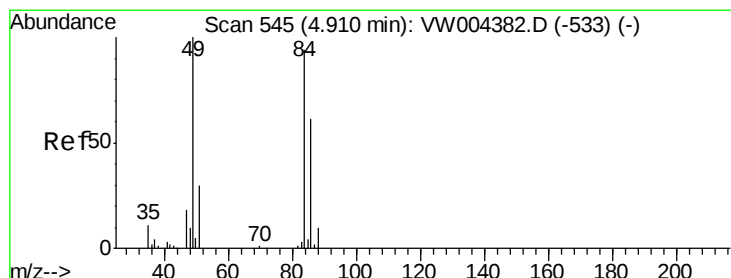
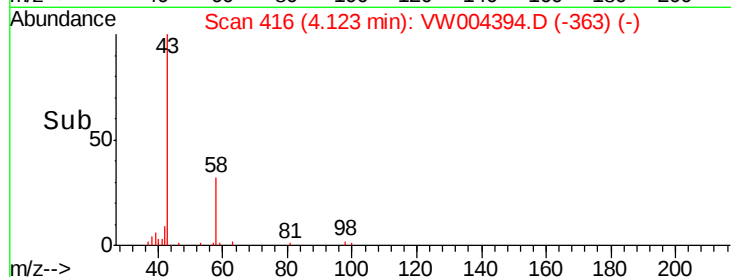
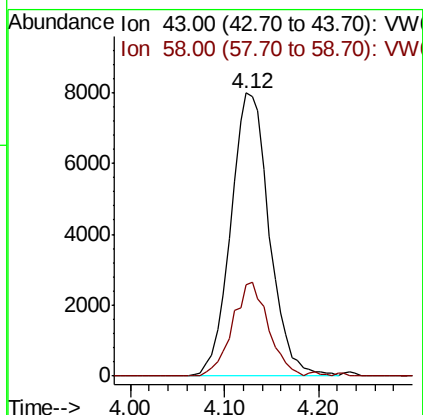
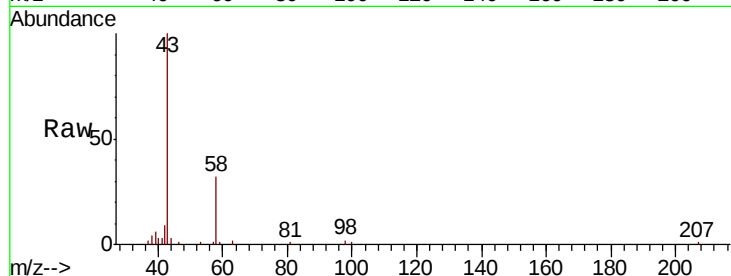
C0AB8

Tot Ion: 43 Resp: 22651

Ion Ratio Lower Upper

43 100

58 30.8 0.0 64.8



#16

Methylene chloride

Concen: 2.030 ug/L

RT: 4.92 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW004394.D

Acq: 02 Aug 2018 03:24

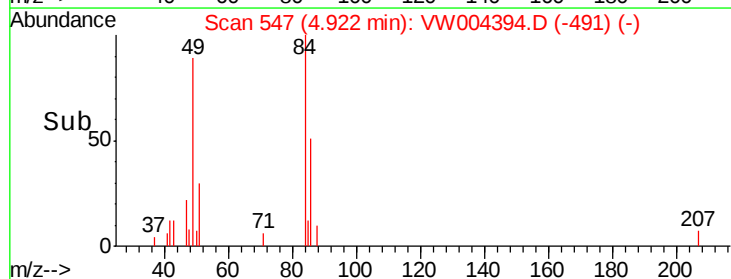
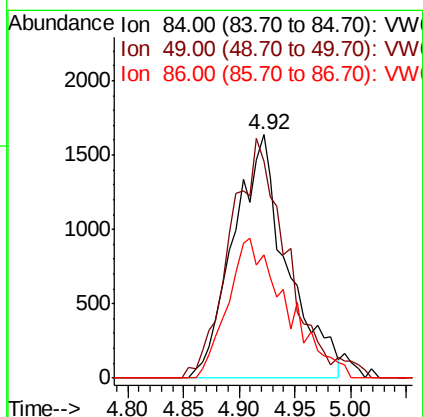
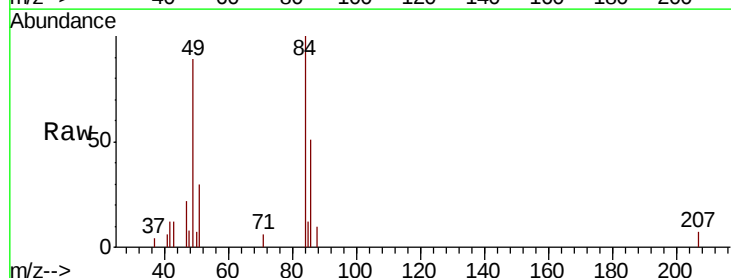
Tgt Ion: 84 Resp: 5470

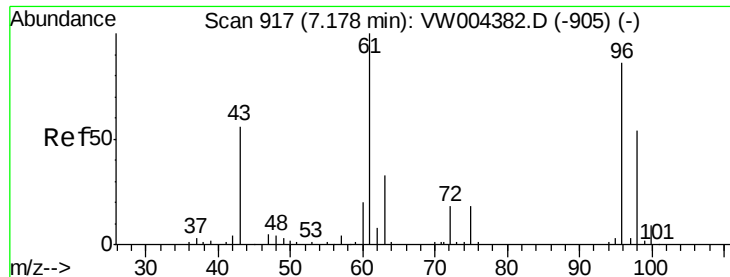
Ion Ratio Lower Upper

84 100

49 89.2 79.5 147.7

86 50.8 45.8 85.2





#21

2-Butanone

Concen: 9.433 ug/L

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004394.D

Acq: 02 Aug 2018 03:24

Instrument :

MSVOA_W

ClientSampleId :

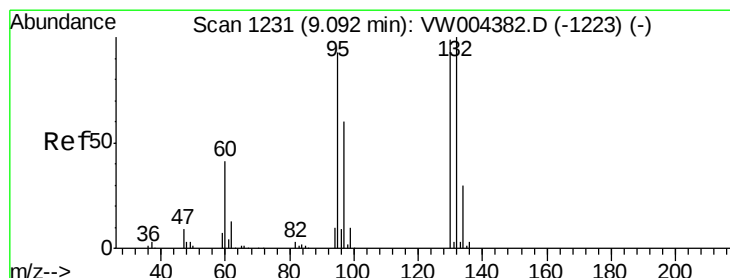
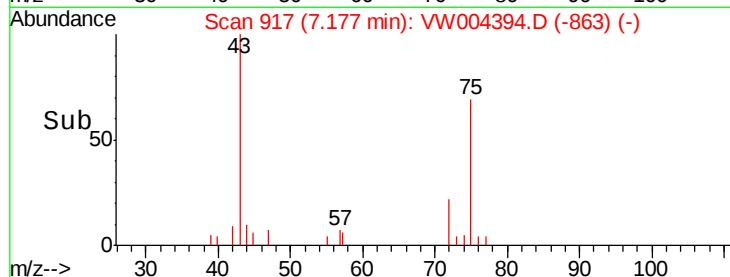
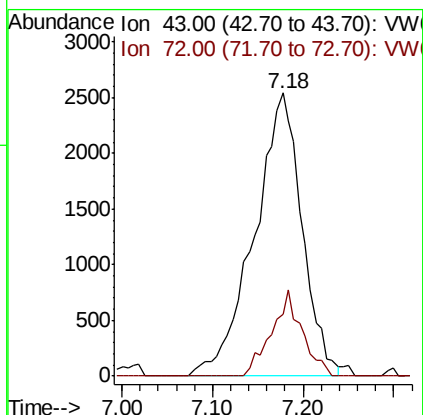
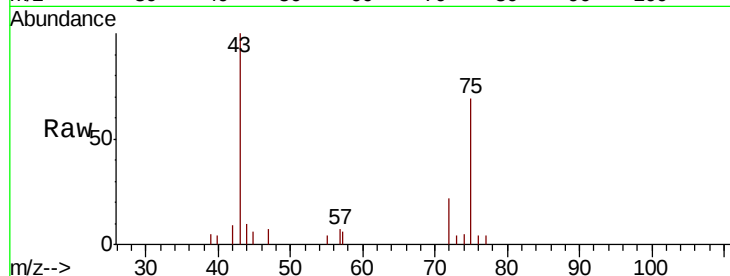
C0AB8

Tot Ion: 43 Resp: 9263

Ion Ratio Lower Upper

43 100

72 19.3 14.4 43.2



#35

Trichloroethene

Concen: 2.209 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.24 min

Lab File: VW004394.D

Acq: 02 Aug 2018 03:24

Tgt Ion: 95 Resp: 5097

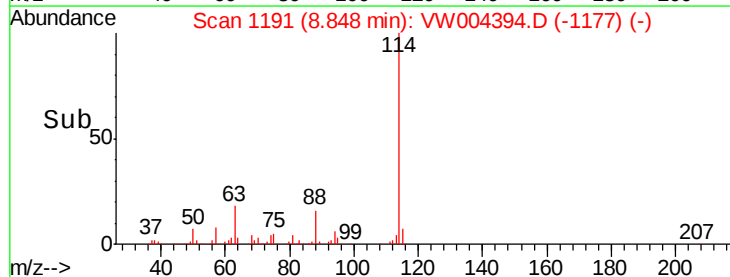
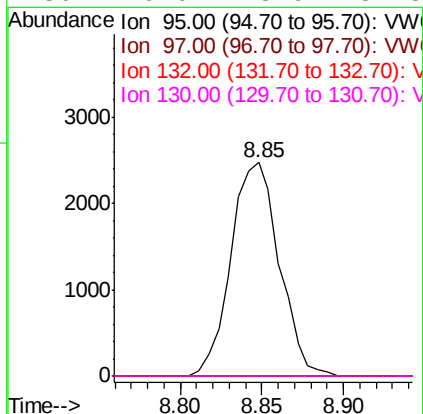
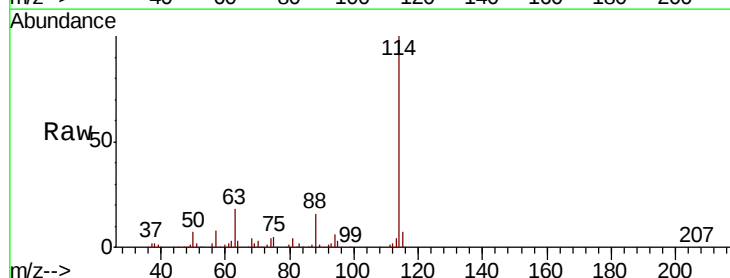
Ion Ratio Lower Upper

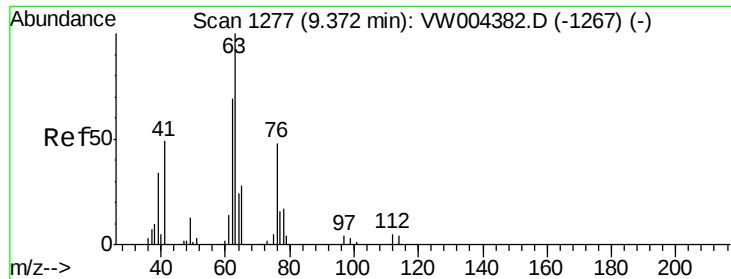
95 100

97 0.0 45.6 84.6#

132 0.0 71.2 132.2#

130 0.0 73.9 137.3#

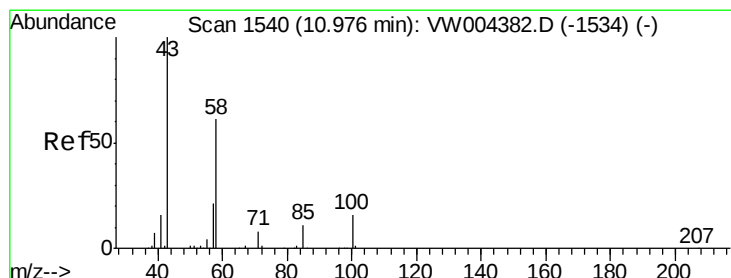
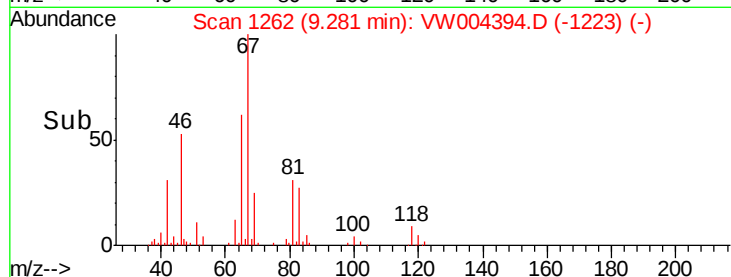
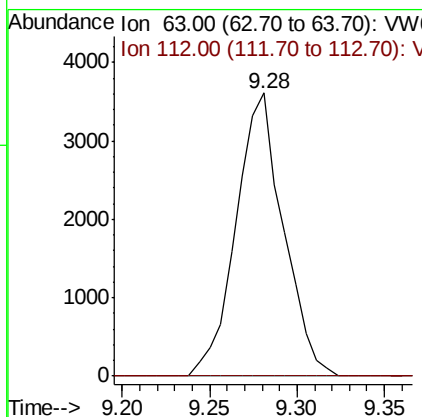
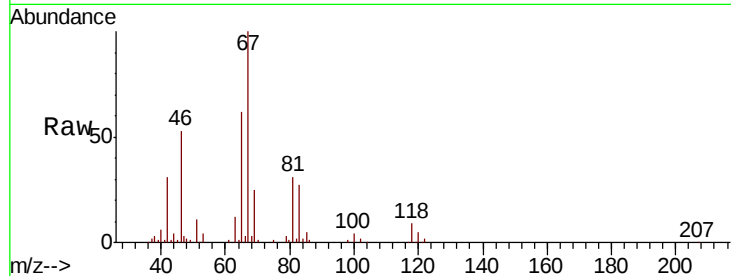




#40
 1,2-Dichloropropane
 Concen: 3.145 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.09 min
 Lab File: VW004394.D
 Acq: 02 Aug 2018 03:24

Instrument :
 MSVOA_W
 ClientSampled :
 C0AB8

Tot Ion: 63 Resp: 6801
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#49
 2-Hexanone
 Concen: 5.796 ug/L
 RT: 10.96 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: VW004394.D
 Acq: 02 Aug 2018 03:24

Tgt Ion: 43 Resp: 7541
 Ion Ratio Lower Upper
 43 100
 58 2.6 44.0 66.0#
 57 0.0 16.0 24.0#
 100 0.0 10.7 16.1#

