

Data File : VW010949.D
Acq On : 24 Jun 2019 23:58
Operator : SY/VA
Sample : K3456-17
Misc : 4.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANY2

Quant Time: Jun 25 02:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	146515	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	178996	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	14222	7.49	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.96%#
7) Chloroethane-d5	2.88	69	17999	12.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.16%
10) 1,1-Dichloroethene-d2	4.01	63	32145	7.16	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	28.64%#
20) 2-Butanone-d5	7.13	46	2612	2.93	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	5.86%#
24) Chloroform-d	7.64	84	109857	27.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	8.31	65	112136	45.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	183.12%#
29) Benzene-d6	8.27	84	198084	18.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.72%
33) 1,2-Dichloropropane-d6	9.27	67	96577	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.80%
37) Toluene-d8	10.32	98	178790	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.76%
38) trans-1,3-Dichloropropene-	10.58	79	29492	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.08%
39) 2-Hexanone-d5	10.93	63	121	0.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107836	36.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	147.40%#
61) 1,2-Dichlorobenzene-d4	13.86	152	89970	28.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.16%

Target Compounds

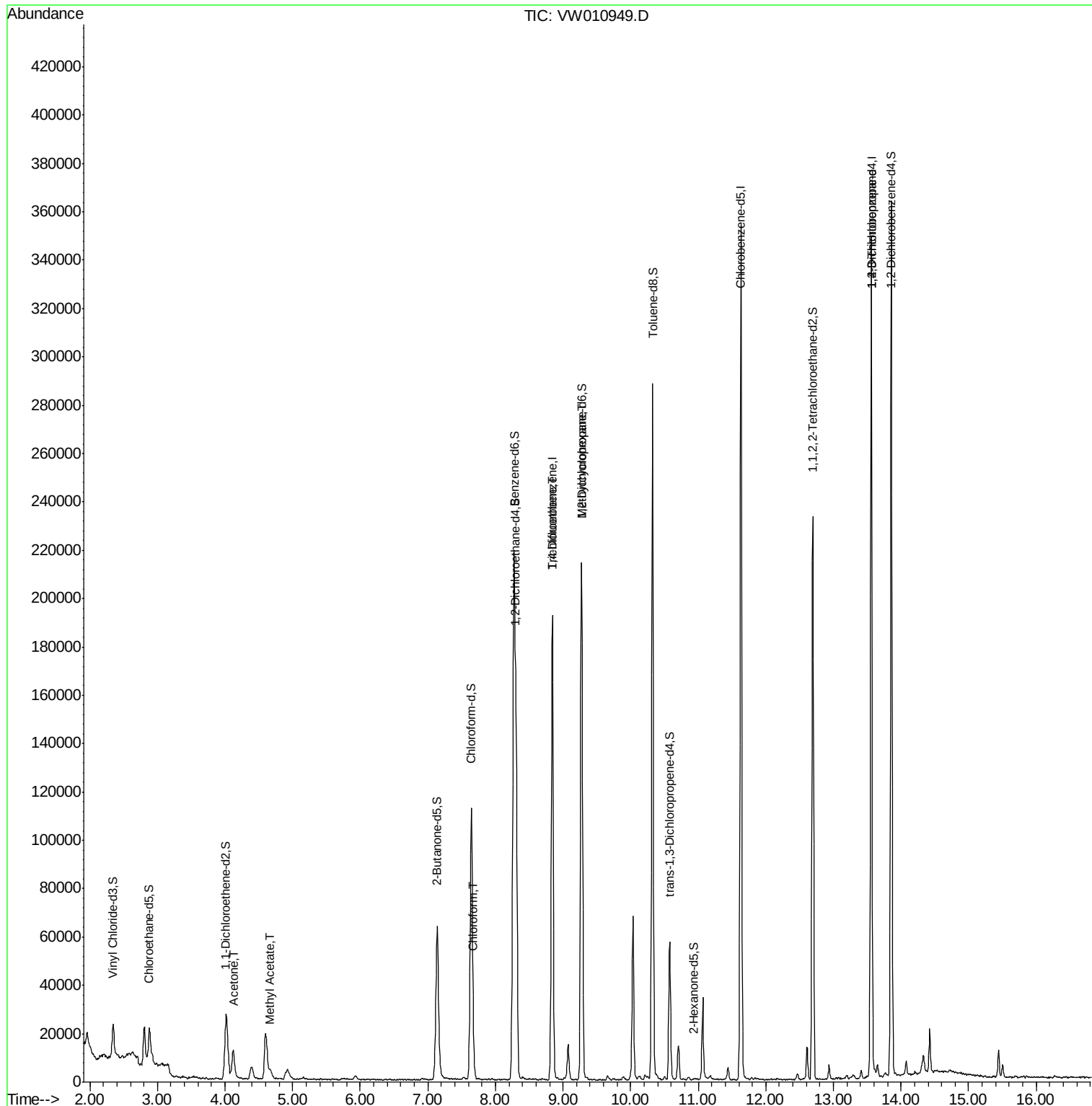
					Qvalue
13) Acetone	4.12	43	22169	25.957 ug/L	96
15) Methyl Acetate	4.67	43	6415	4.339 ug/L	95
25) Chloroform	7.68	83	5220	1.351 ug/L	86
35) Trichloroethene	8.84	95	4626	1.551 ug/L #	9
36) Methylcyclohexane	9.27	83	21194	3.871 ug/L #	13
59) 1,2,3-Trichloropropane	13.56	75	11446	5.081 ug/L	89

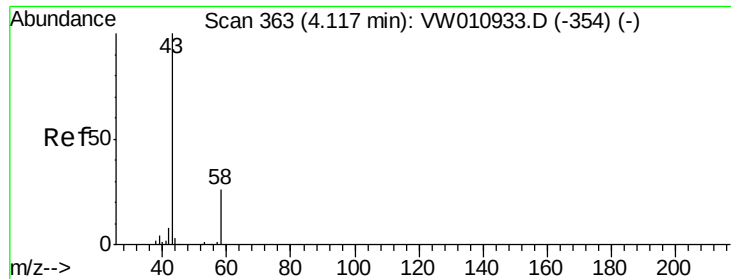
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.957 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

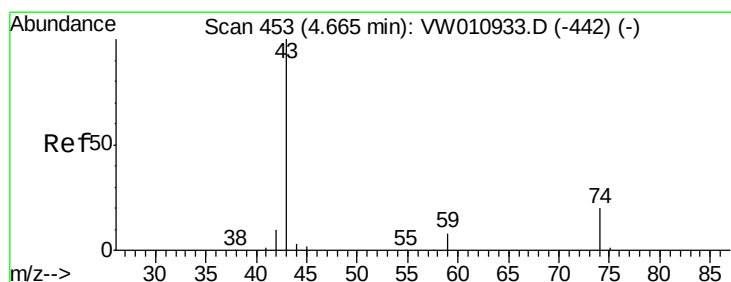
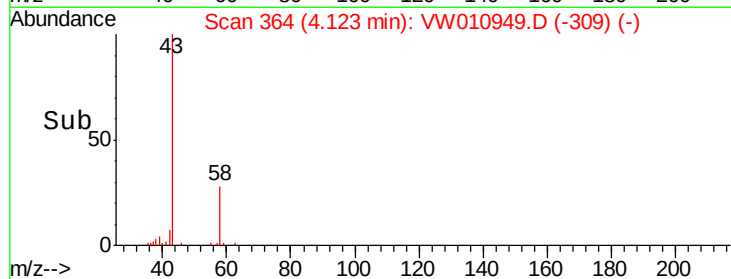
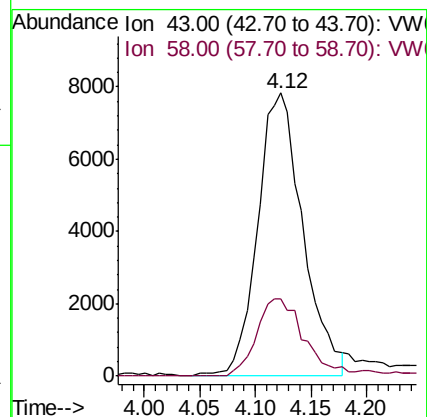
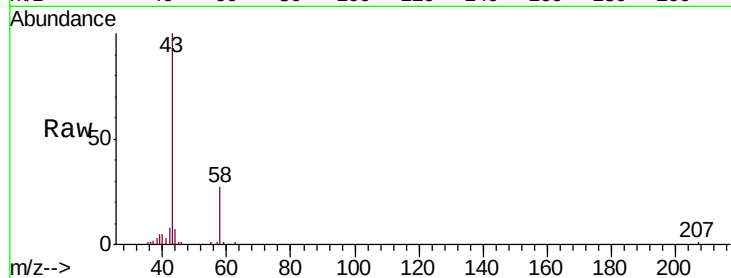
YANY2

Tgt Ion: 43 Resp: 22169

Ion Ratio Lower Upper

43 100

58 28.5 0.0 53.2



#15

Methyl Acetate

Concen: 4.339 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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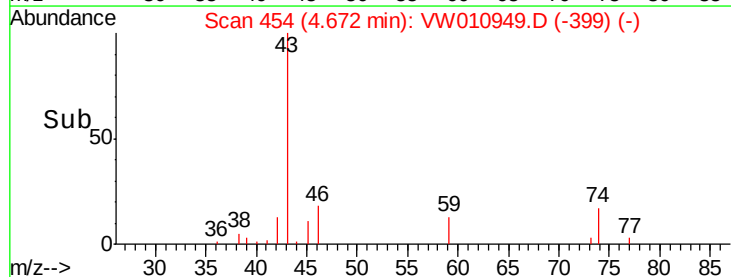
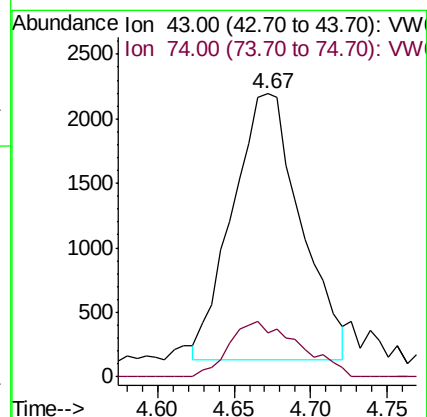
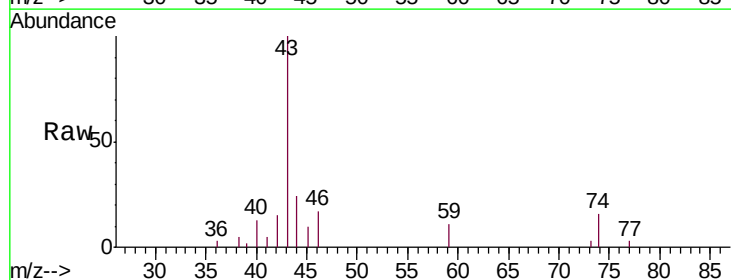
Acq: 24 Jun 2019 23:58

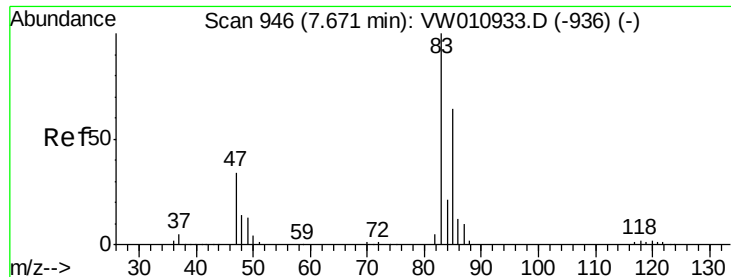
Tgt Ion: 43 Resp: 6415

Ion Ratio Lower Upper

43 100

74 21.4 15.3 22.9

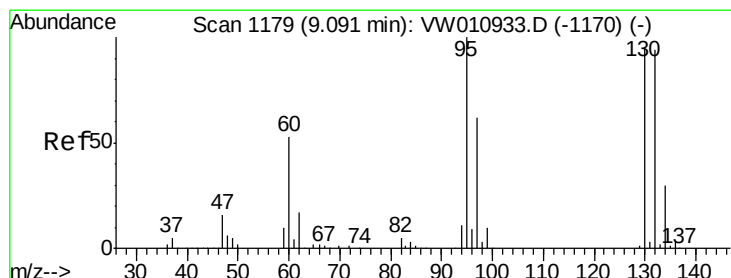
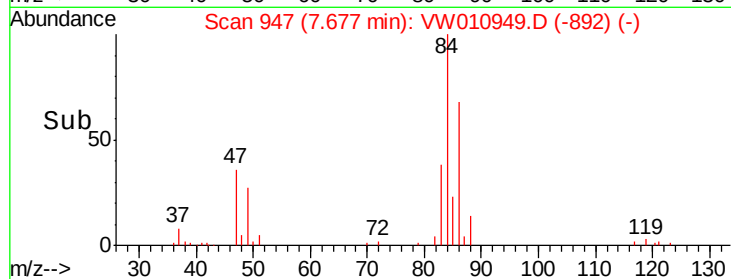
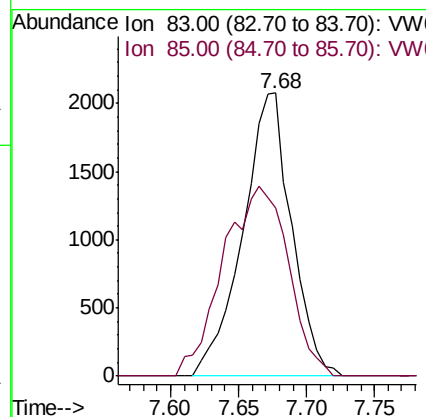
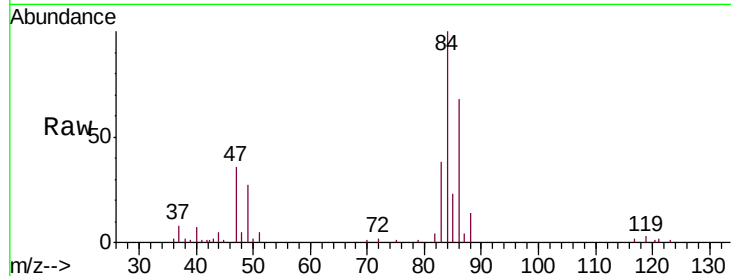




#25
Chloroform
Concen: 1.351 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
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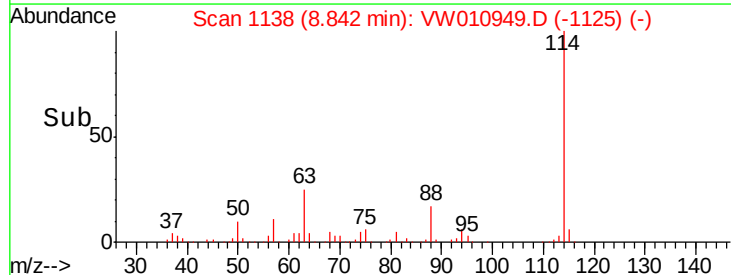
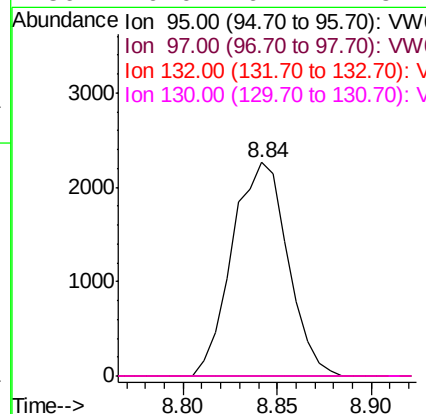
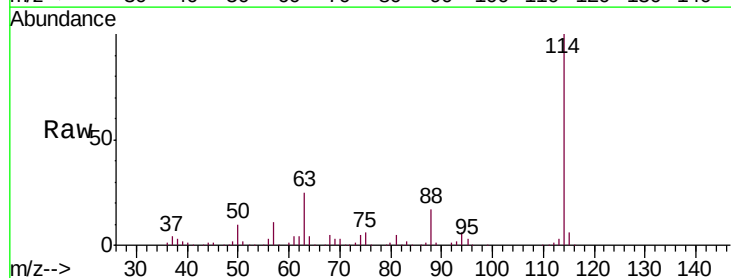
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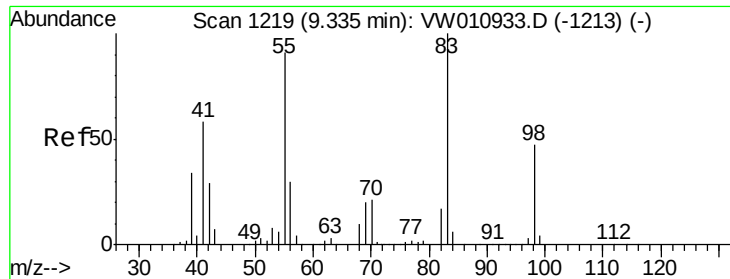
Tgt Ion: 83 Resp: 5220
Ion Ratio Lower Upper
83 100
85 54.5 45.6 84.8



#35
Trichloroethene
Concen: 1.551 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW010949.D
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Tgt Ion: 95 Resp: 4626
Ion Ratio Lower Upper
95 100
97 3.4 44.9 83.3#
132 3.3 64.0 119.0#
130 0.0 67.4 125.2#

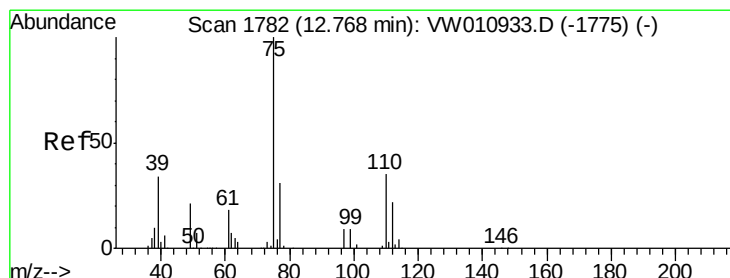
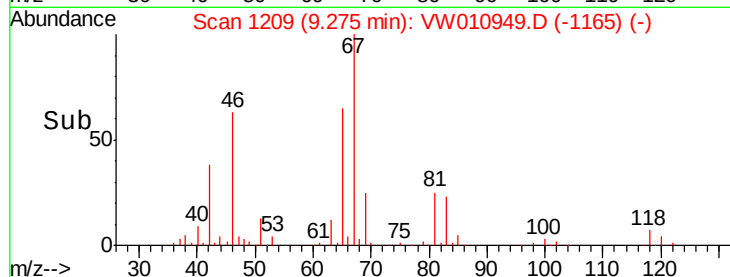
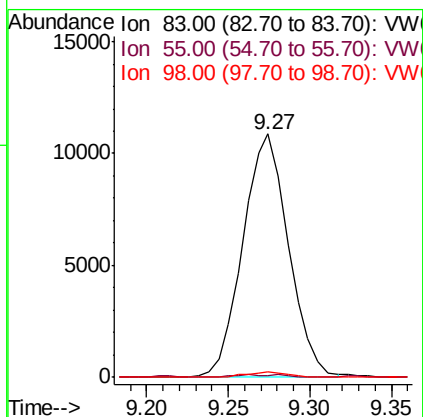
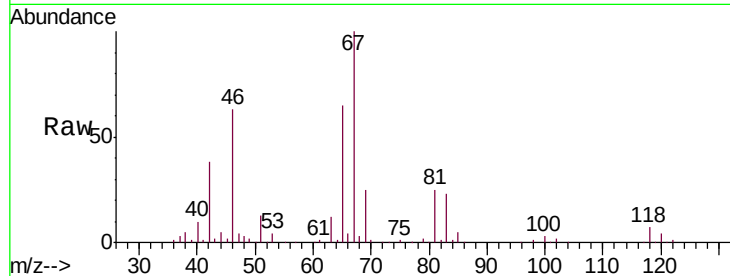




#36
Methylcyclohexane
Concen: 3.871 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010949.D
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Instrument :
MSVOA_W
ClientSampleId :
YANY2

Tgt Ion: 83 Resp: 21194
Ion Ratio Lower Upper
83 100
55 0.4 72.2 108.2#
98 0.0 37.8 56.8#



#59
1,2,3-Trichloropropane
Concen: 5.081 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW010949.D
Acq: 24 Jun 2019 23:58

Tgt Ion: 75 Resp: 11446
Ion Ratio Lower Upper
75 100
77 37.4 25.2 37.8

