

Data File : VW014414.D
Acq On : 18 Dec 2019 01:20
Operator : SY/VA
Sample : K6279-10
Misc : 3.99G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFEY4

Quant Time: Dec 18 03:35:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	90932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	77038	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	12580	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	31536	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
7) Chloroethane-d5	2.88	69	32199	31.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.80%
10) 1,1-Dichloroethene-d2	4.01	63	49203	20.23	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.92%
20) 2-Butanone-d5	7.07	46	6177	17.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.42%
24) Chloroform-d	7.65	84	72845	31.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.84%
26) 1,2-Dichloroethane-d4	8.43	65	136	0.11	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.44%#
29) Benzene-d6	8.27	84	136021	30.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.52%
33) 1,2-Dichloropropane-d6	9.27	67	46518	33.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.96%#
37) Toluene-d8	10.32	98	97301	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.32%
38) trans-1,3-Dichloropropene-	10.58	79	11732	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.52%
39) 2-Hexanone-d5	10.93	63	7042	25.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32858	29.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	15108	31.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.72%#

Target Compounds

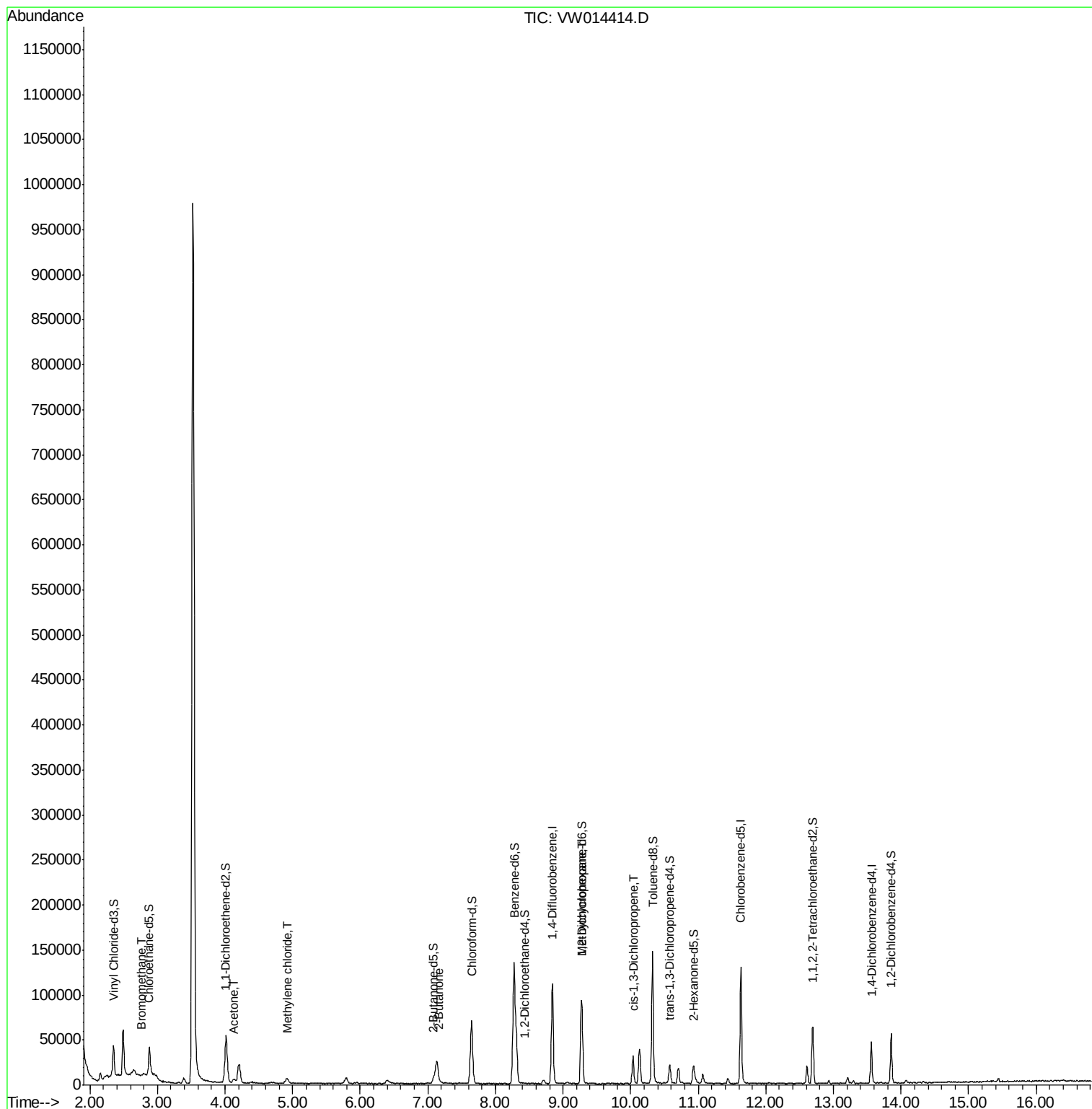
					Qvalue
6) Bromomethane	2.78	94	256	0.322 ug/L	62
13) Acetone	4.12	43	6712	19.401 ug/L	79
16) Methylene chloride	4.91	84	4058	2.911 ug/L	84
21) 2-Butanone	7.17	43	1405	3.025 ug/L #	59
36) Methylcyclohexane	9.27	83	10916	5.205 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	919	0.490 ug/L #	71

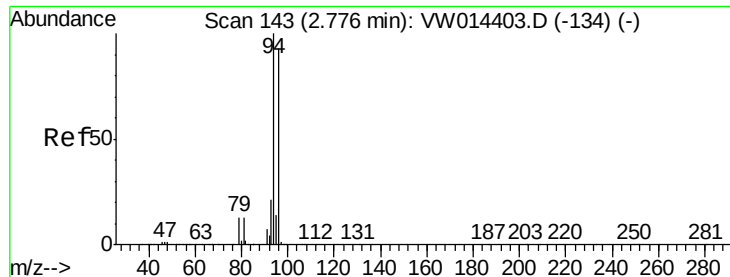
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.322 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

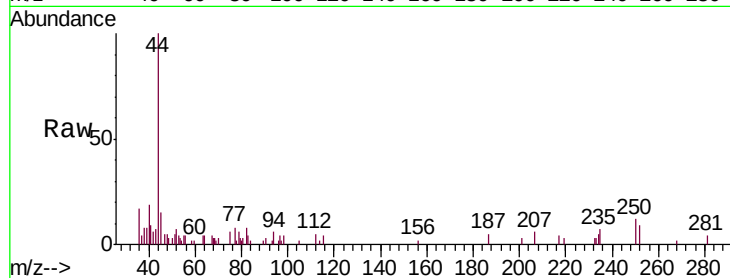
BFEY4

Tgt Ion: 94 Resp: 256

Ion Ratio Lower Upper

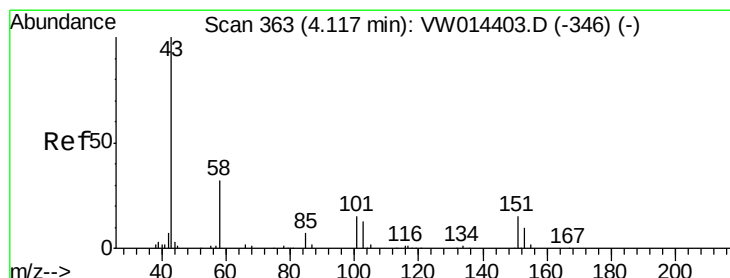
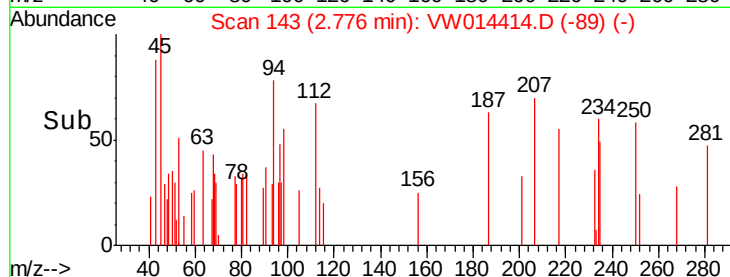
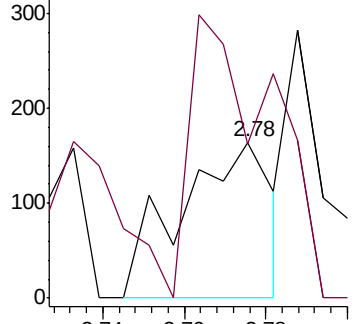
94 100

96 57.4 9.4 178.8



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW



#13

Acetone

Concen: 19.401 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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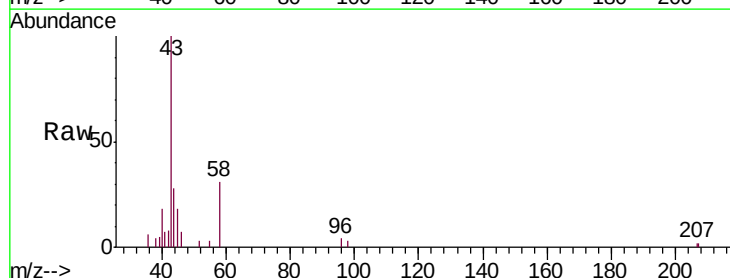
Acq: 18 Dec 2019 01:20

Tgt Ion: 43 Resp: 6712

Ion Ratio Lower Upper

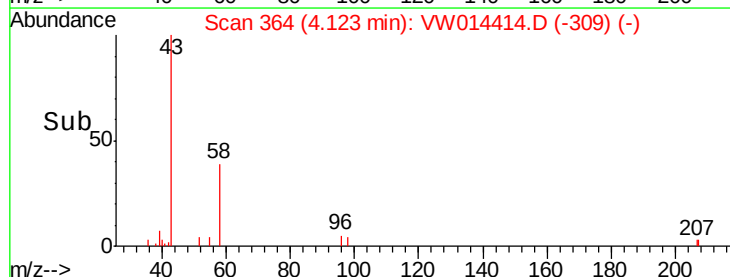
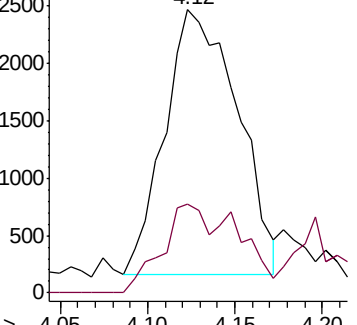
43 100

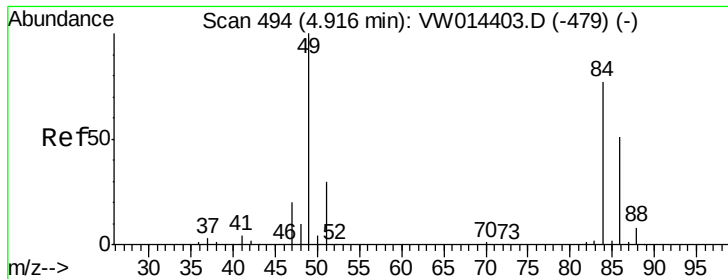
58 20.7 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

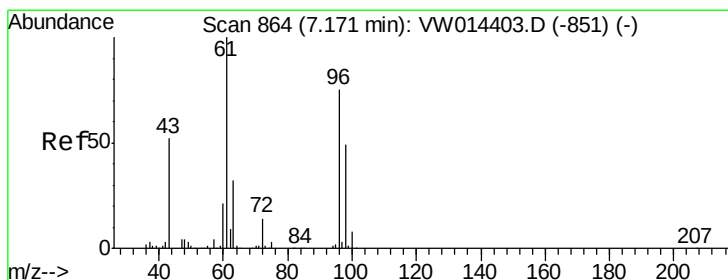
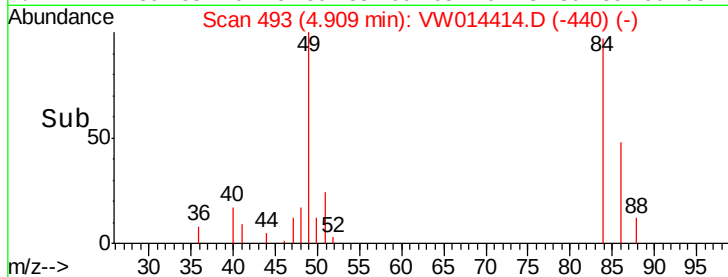
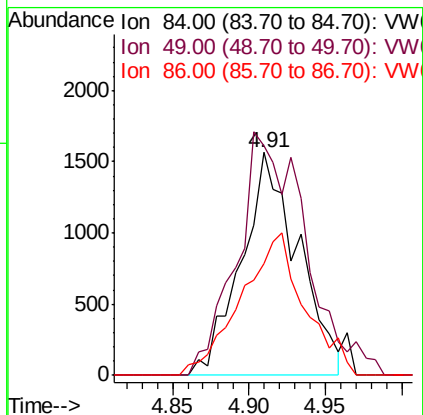
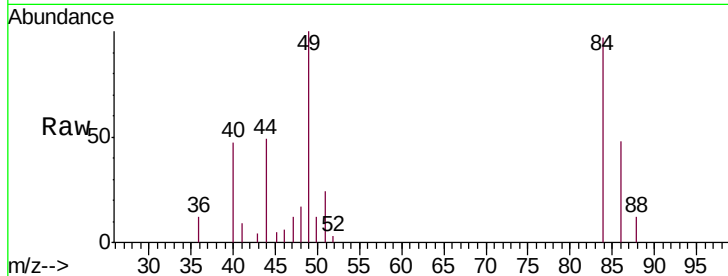




#16
Methylene chloride
Concen: 2.911 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
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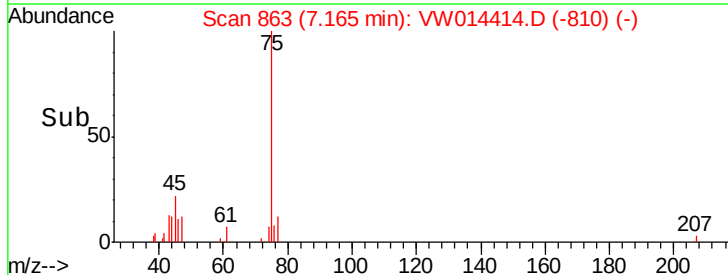
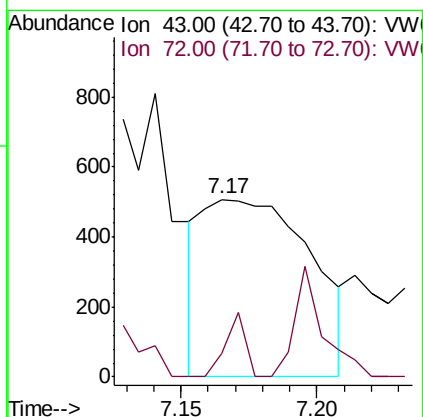
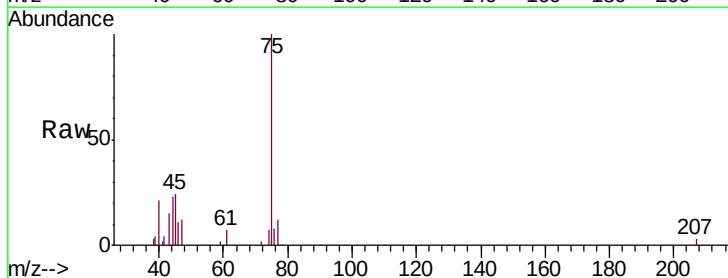
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BFEY4

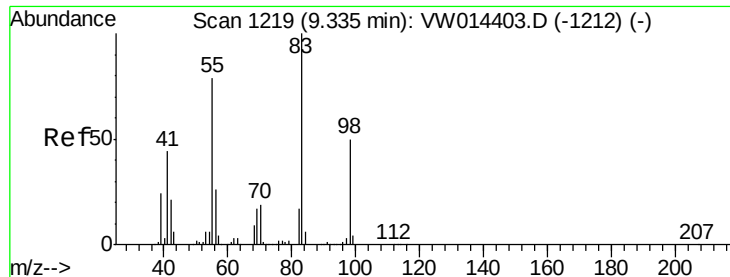
Tgt Ion: 84 Resp: 4058
Ion Ratio Lower Upper
84 100
49 103.2 84.2 156.4
86 50.0 43.7 81.1



#21
2-Butanone
Concen: 3.025 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW014414.D
Acq: 18 Dec 2019 01:20

Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
72 6.5 14.1 42.2#

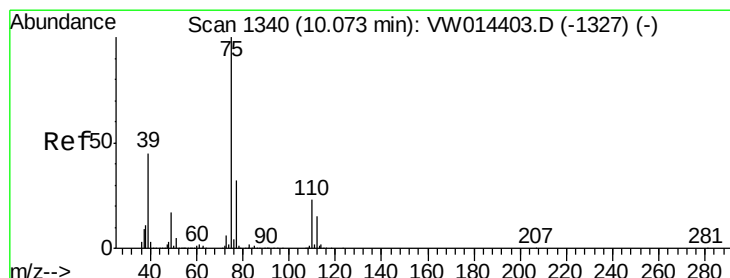
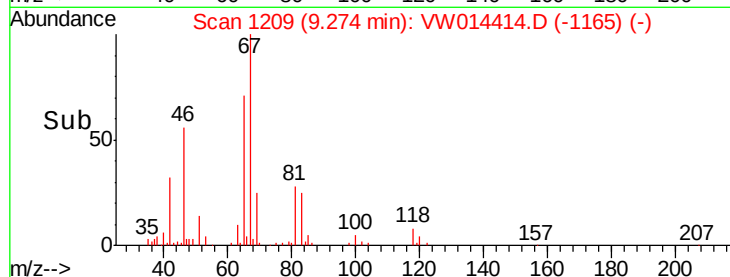
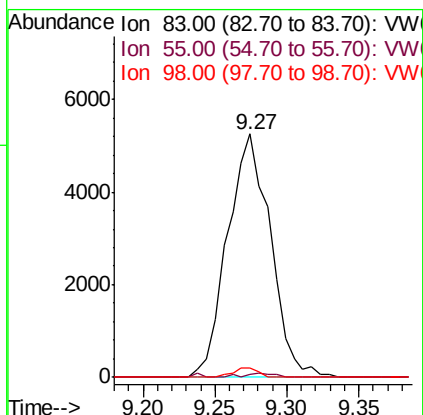
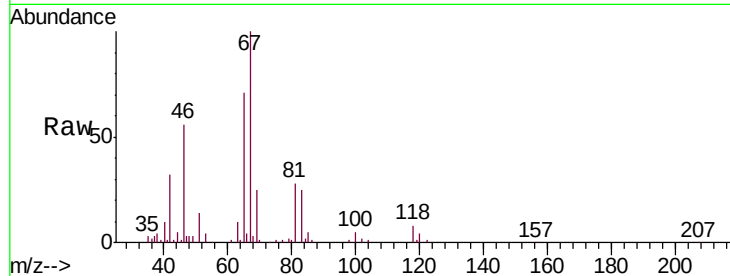




#36
Methylcyclohexane
Concen: 5.205 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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Instrument :
MSVOA_W
ClientSampleId :
BFEY4

Tgt Ion: 83 Resp: 10916
Ion Ratio Lower Upper
83 100
55 0.9 59.8 89.8#
98 2.2 39.5 59.3#



#42
cis-1,3-Dichloropropene
Concen: 0.490 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW014414.D
Acq: 18 Dec 2019 01:20

Tgt Ion: 75 Resp: 919
Ion Ratio Lower Upper
75 100
77 47.8 22.1 41.1#

