

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009431.D
 Acq On : 25 Mar 2019 16:35
 Operator : SY/VA
 Sample : K2031-21
 Misc : 4.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 07:52:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	340559	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	303357	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115166	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88448	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.92%
7) Chloroethane-d5	2.89	69	99365	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.48%
10) 1,1-Dichloroethene-d2	4.01	63	142312	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	7.08	46	103545	61.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.04%
24) Chloroform-d	7.65	84	222752	23.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	8.48	65	55	0.01	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	400323	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	129690	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	10.32	98	328603	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.96%
38) trans-1,3-Dichloropropene-	10.58	79	55319	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.93	63	72819	59.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132531	26.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	104319	23.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.48%

Target Compounds

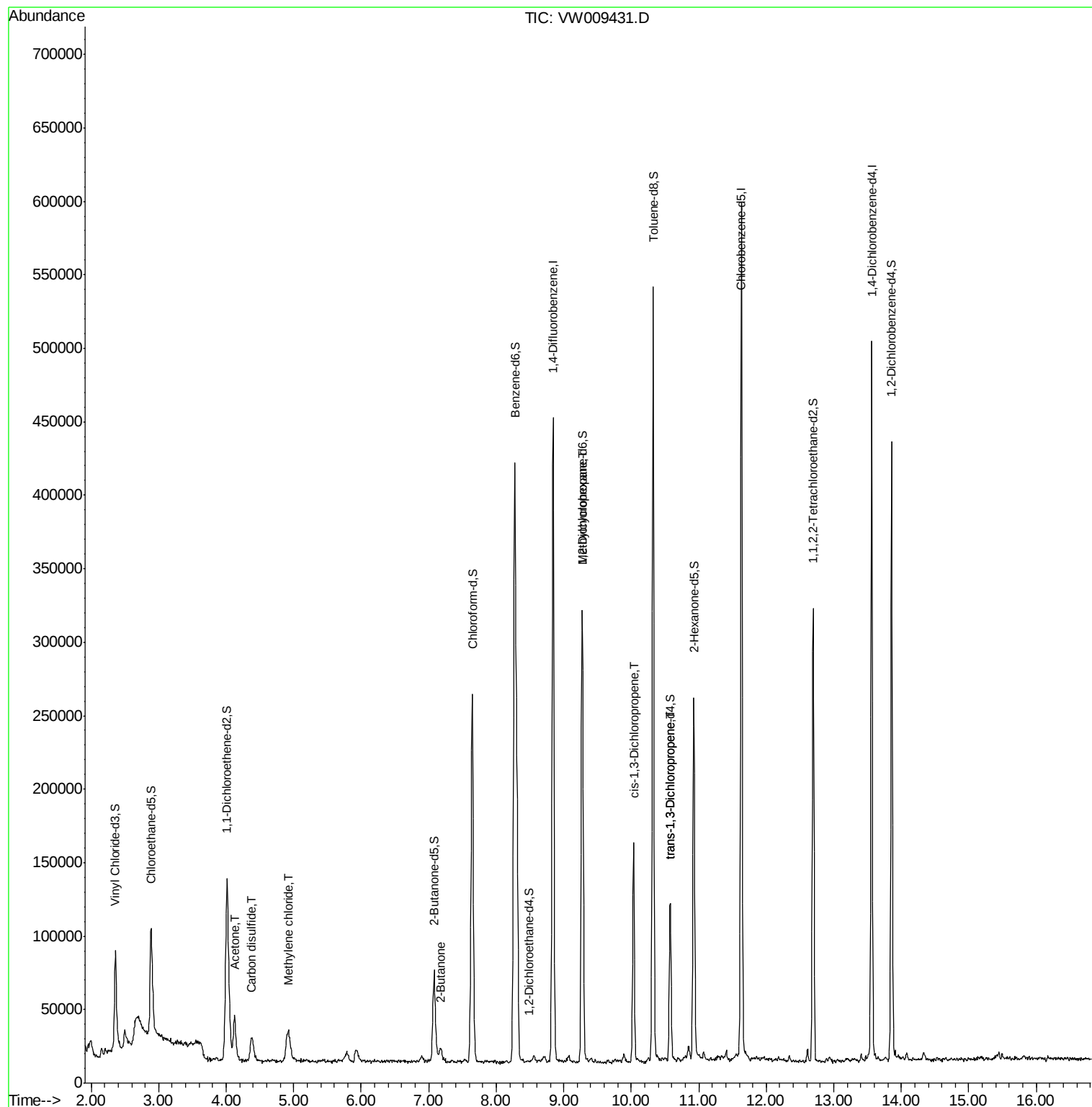
					Ovalue
13) Acetone	4.12	43	49924	36.172	ug/L 98
14) Carbon disulfide	4.38	76	38526	3.413	ug/L 97
16) Methylene chloride	4.92	84	19443	3.915	ug/L 95
21) 2-Butanone	7.17	43	13725	7.202	ug/L 96
36) Methylcyclohexane	9.27	83	33577	4.387	ug/L # 18
42) cis-1,3-Dichloropropene	10.03	75	4457	0.642	ug/L # 54
45) trans-1,3-Dichloropropene	10.57	75	3385	0.561	ug/L 95

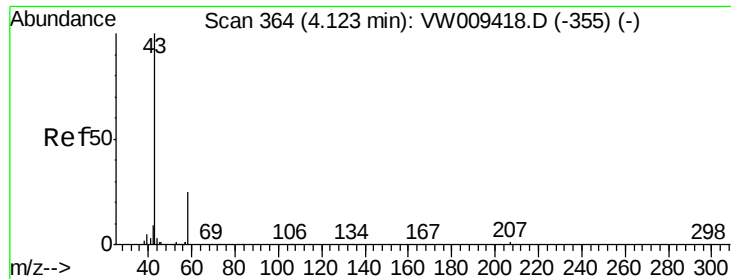
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:46:05 2019
Response via : Initial Calibration





#13

Acetone

Concen: 36.172 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009431.D

Acq: 25 Mar 2019 16:35

Instrument :

MSVOA_W

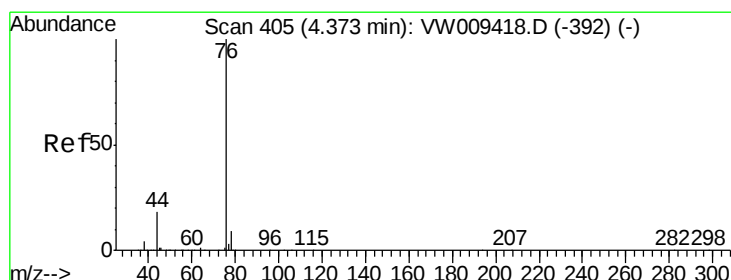
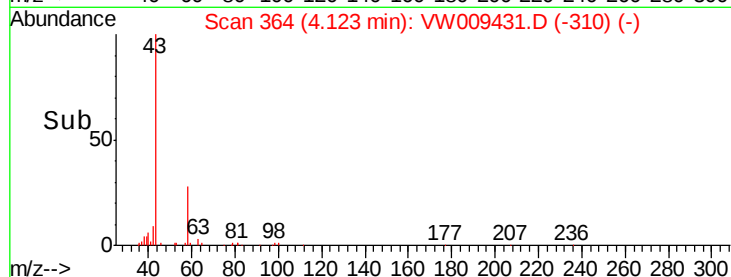
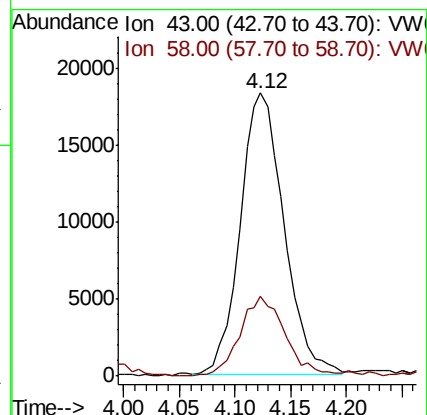
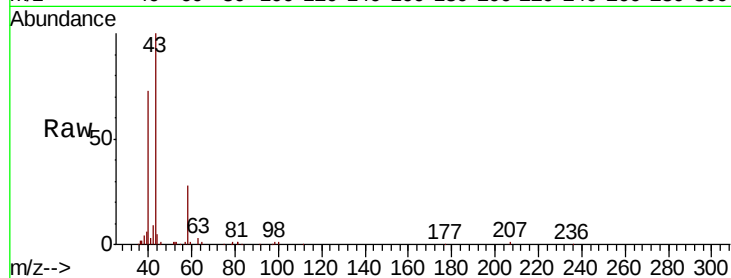
ClientSampleId :

Tot Ion: 43 Resp: 49924

Ion Ratio Lower Upper

43 100

58 29.4 0.0 56.2



#14

Carbon disulfide

Concen: 3.413 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009431.D

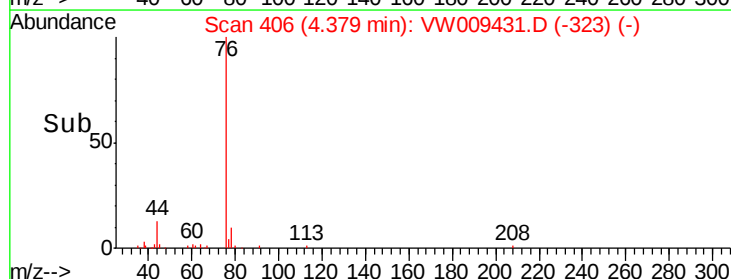
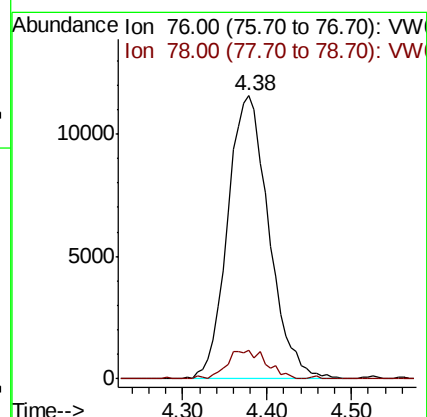
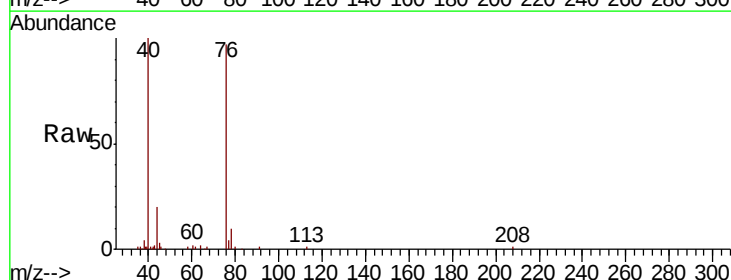
Acq: 25 Mar 2019 16:35

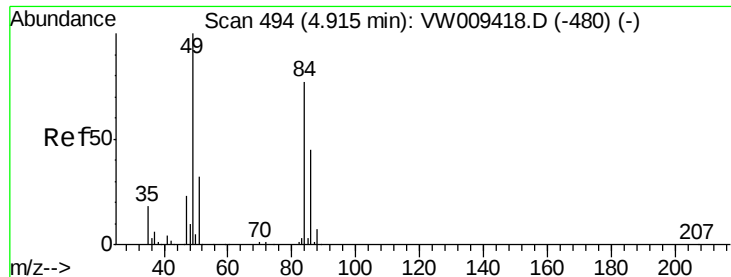
Tgt Ion: 76 Resp: 38526

Ion Ratio Lower Upper

76 100

78 10.3 7.3 10.9

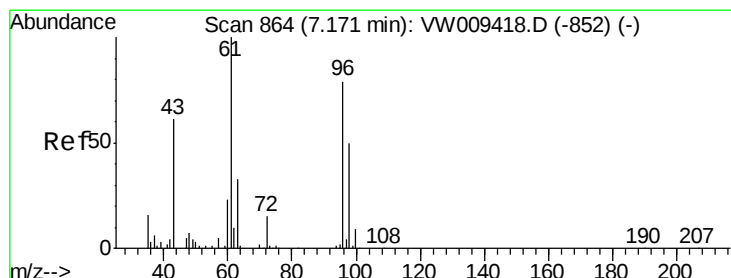
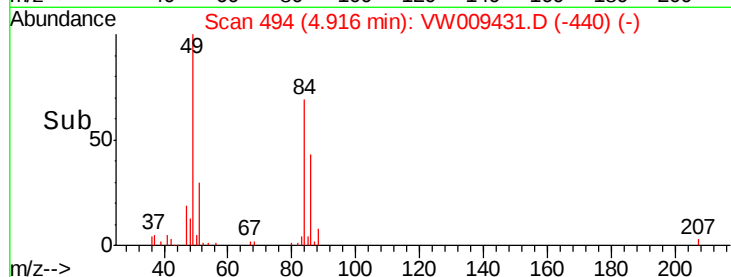
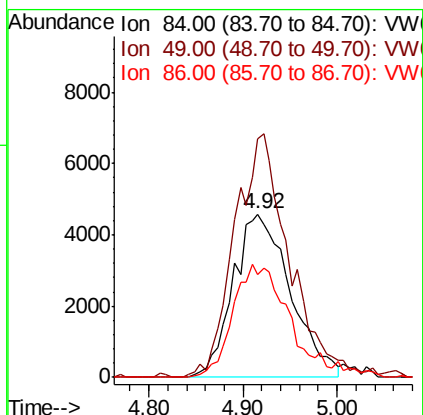
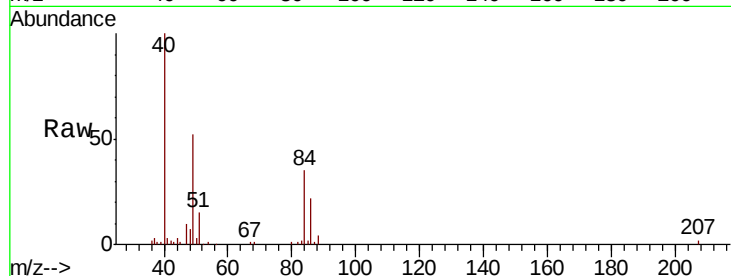




#16
Methylene chloride
Concen: 3.915 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009431.D
Acq: 25 Mar 2019 16:35

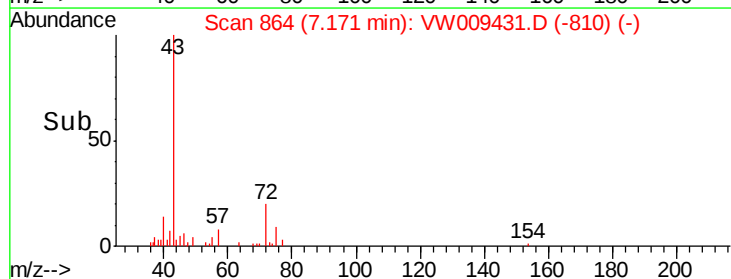
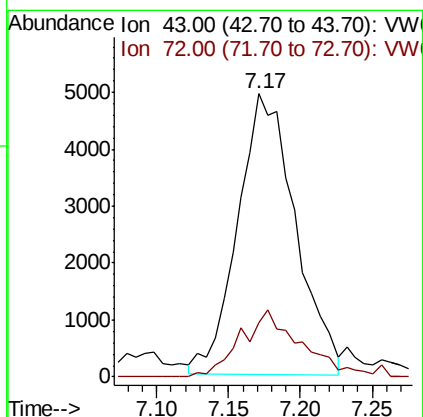
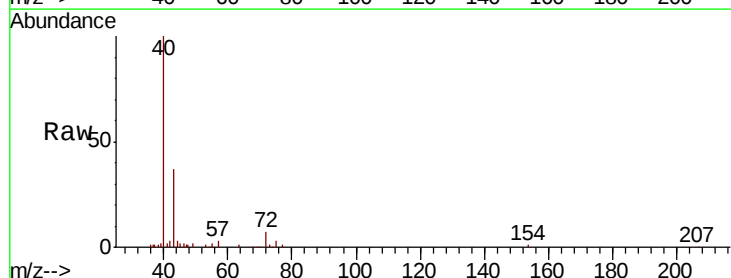
Instrument :
MSVOA_W
ClientSampled :

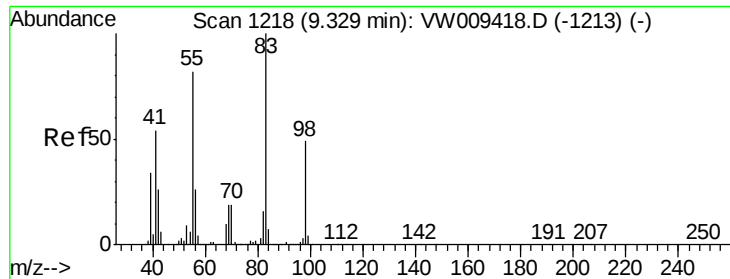
Tot Ion: 84 Resp: 19443
Ion Ratio Lower Upper
84 100
49 145.8 96.0 178.2
86 63.2 44.4 82.5



#21
2-Butanone
Concen: 7.202 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009431.D
Acq: 25 Mar 2019 16:35

Tgt Ion: 43 Resp: 13725
Ion Ratio Lower Upper
43 100
72 23.9 13.1 39.1

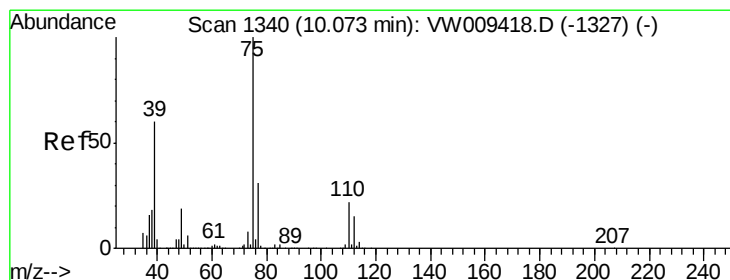
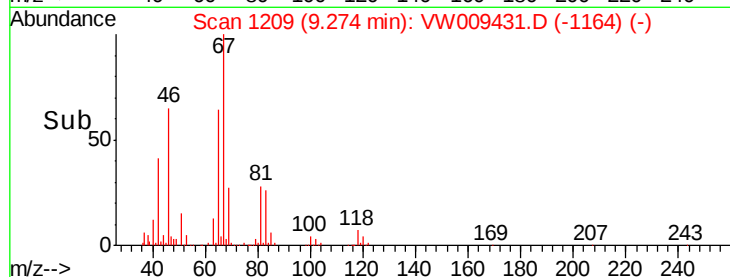
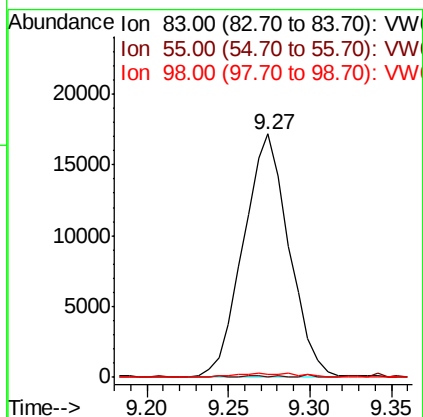
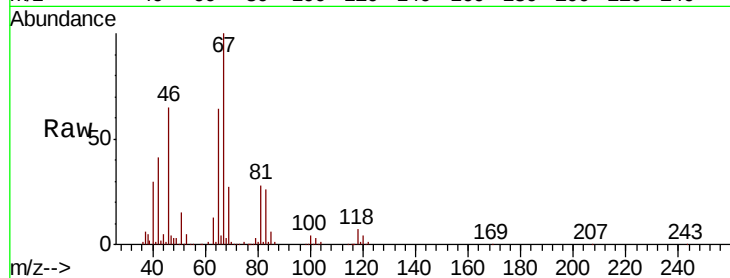




#36
Methylcyclohexane
Concen: 4.387 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW009431.D
Acq: 25 Mar 2019 16:35

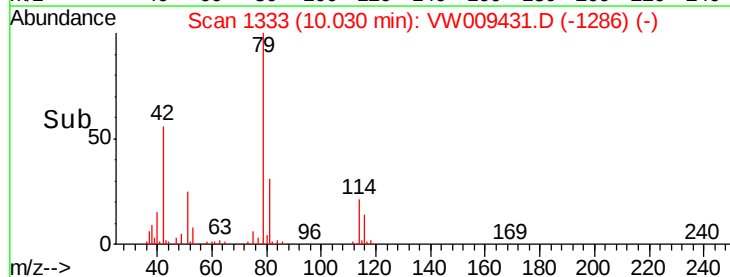
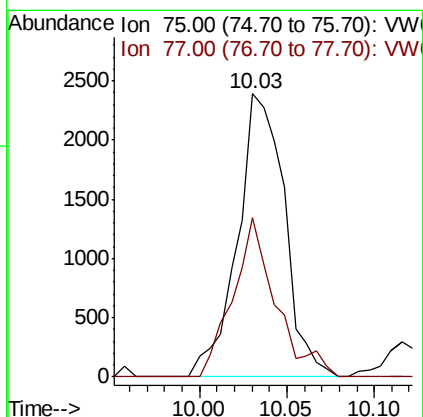
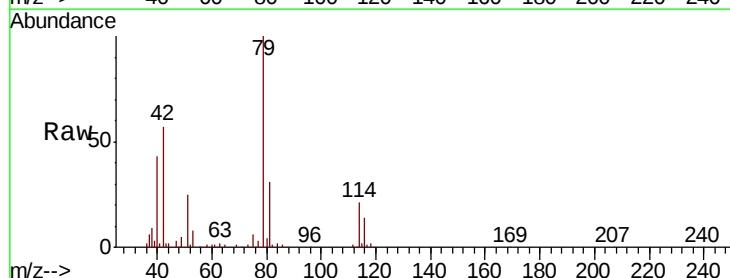
Instrument :
MSVOA_W
ClientSampleId :

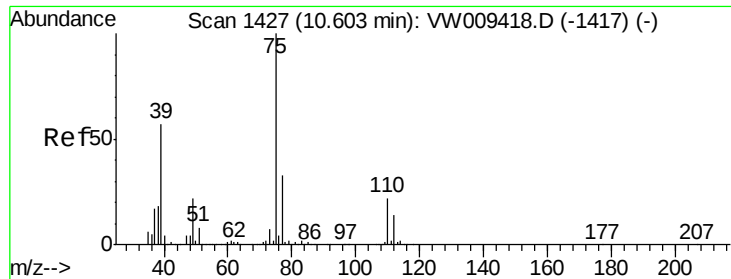
Tot Ion: 83 Resp: 33577
Ion Ratio Lower Upper
83 100
55 0.4 63.5 95.3#
98 1.6 39.8 59.8#



#42
cis-1,3-Dichloropropene
Concen: 0.642 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW009431.D
Acq: 25 Mar 2019 16:35

Tgt Ion: 75 Resp: 4457
Ion Ratio Lower Upper
75 100
77 56.2 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.561 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009431.D

Acq: 25 Mar 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3385

Ion Ratio Lower Upper

75 100

77 34.6 22.5 41.7

