

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009434.D
 Acq On : 25 Mar 2019 18:29
 Operator : SY/VA
 Sample : K2031-19
 Misc : 3.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:04:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	351717	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249753	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89744	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	2.89	69	100308	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
10) 1,1-Dichloroethene-d2	4.01	63	144781	15.94	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.76%
20) 2-Butanone-d5	7.08	46	71264	41.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.00%
24) Chloroform-d	7.64	84	210435	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.52	65	86	0.01	ug/L	0.22
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	368085	26.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.88%
33) 1,2-Dichloropropane-d6	9.27	67	113844	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.08%
37) Toluene-d8	10.32	98	277545	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	10.57	79	40154	19.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.32%
39) 2-Hexanone-d5	10.93	63	42711	42.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70743	17.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	54594	19.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.08%

Target Compounds

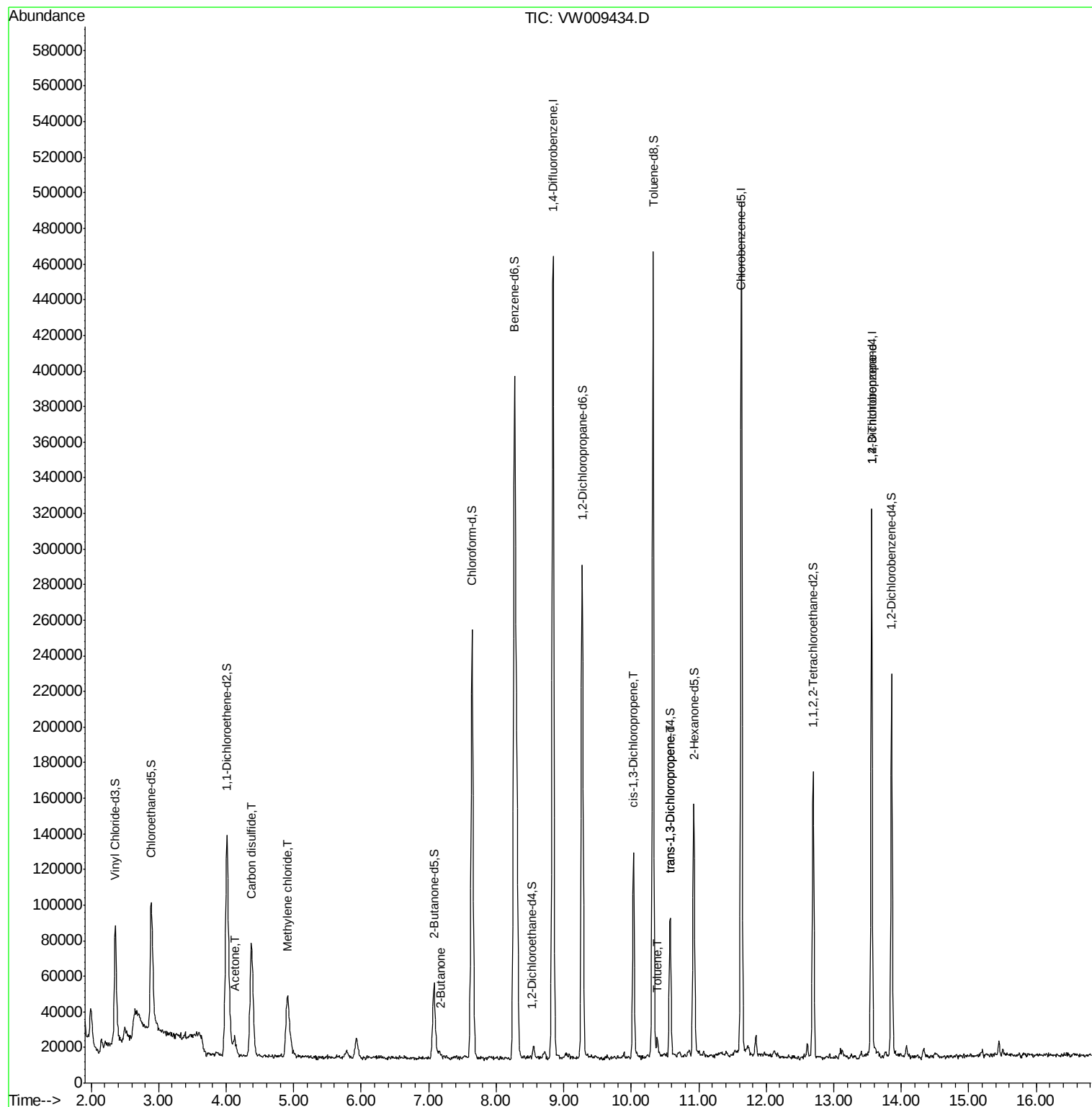
					Ovalue
13) Acetone	4.12	43	15194	10.659	ug/L 70
14) Carbon disulfide	4.37	76	146465	12.565	ug/L 99
16) Methylene chloride	4.91	84	31443	6.130	ug/L 96
21) 2-Butanone	7.18	43	2448	1.244	ug/L 95
42) cis-1,3-Dichloropropene	10.03	75	3618	0.633	ug/L 89
44) Toluene	10.38	91	6922	0.463	ug/L 94
45) trans-1,3-Dichloropropene	10.57	75	2191	0.441	ug/L 85
59) 1,2,3-Trichloropropane	13.56	75	9708	3.465	ug/L 88

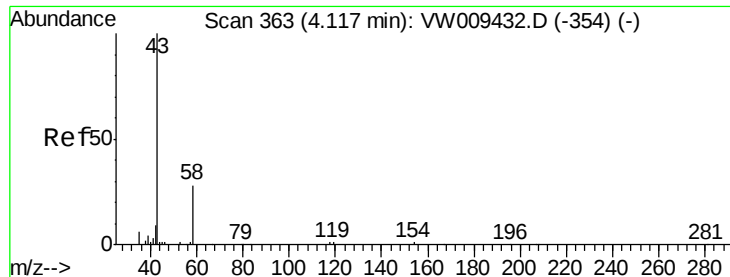
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.659 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009434.D

Acq: 25 Mar 2019 18:29

Instrument :

MSVOA_W

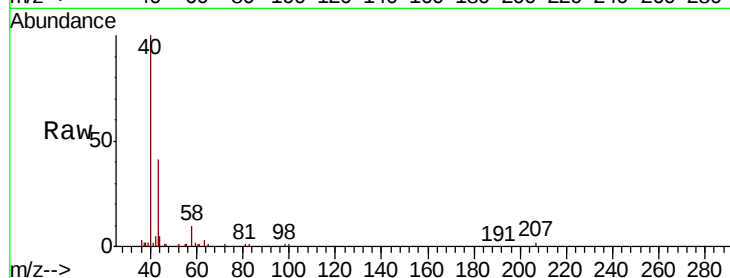
ClientSampleId :

Tot Ion: 43 Resp: 15194

Ion Ratio Lower Upper

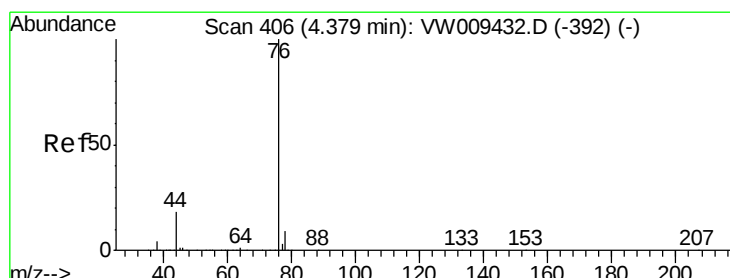
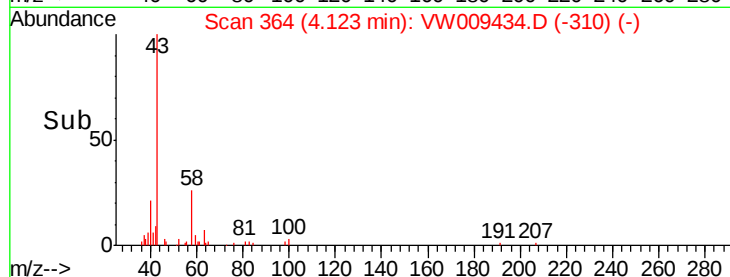
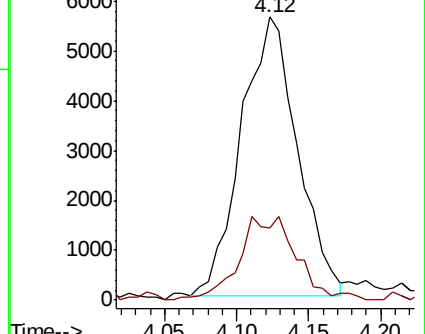
43 100

58 12.1 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 12.565 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW009434.D

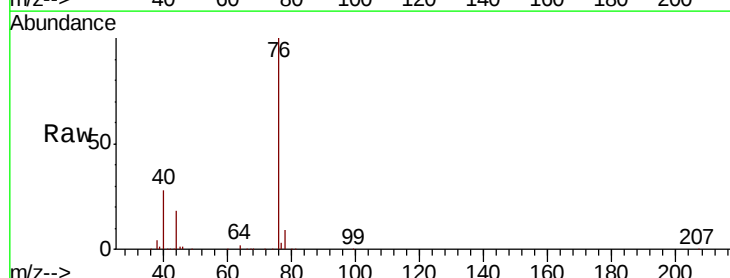
Acq: 25 Mar 2019 18:29

Tgt Ion: 76 Resp: 146465

Ion Ratio Lower Upper

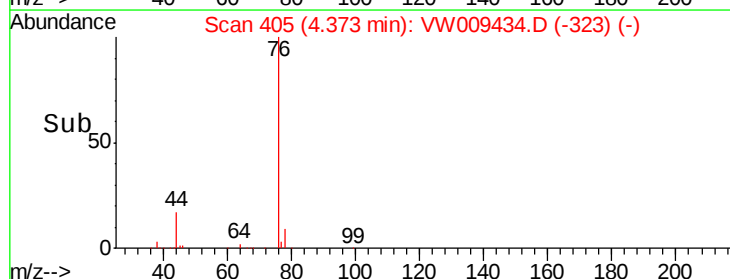
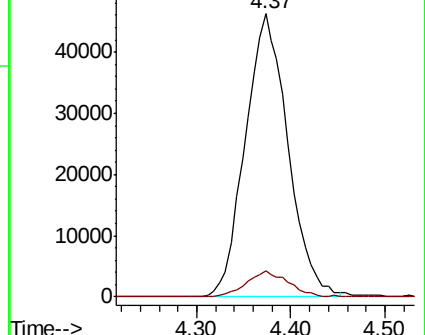
76 100

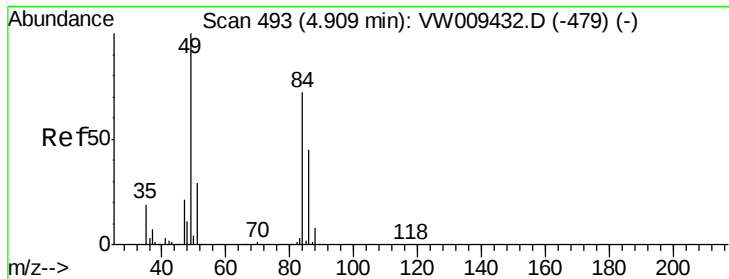
78 9.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

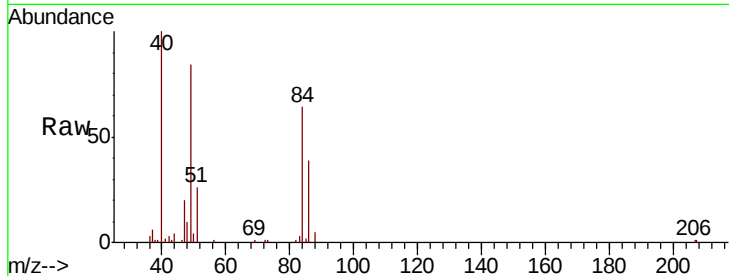




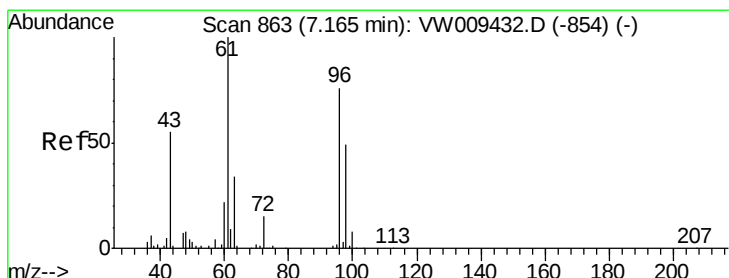
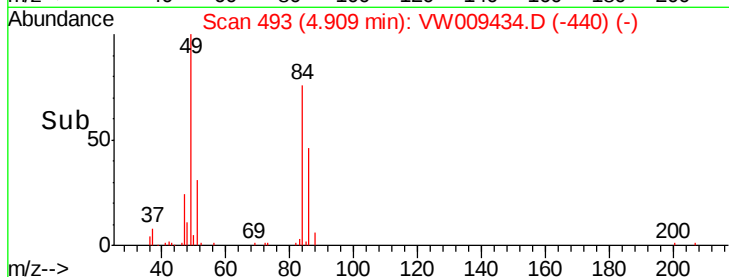
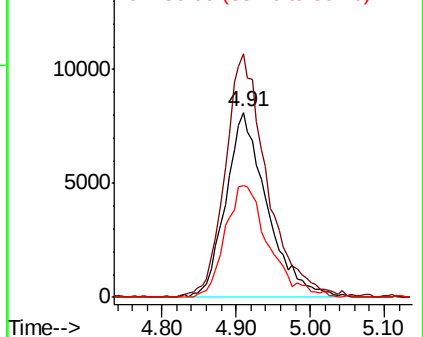
#16
Methvlene chloride
Concen: 6.130 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009434.D
Acq: 25 Mar 2019 18:29

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 31443
Ion Ratio Lower Upper
84 100
49 131.4 96.0 178.2
86 60.5 44.4 82.5

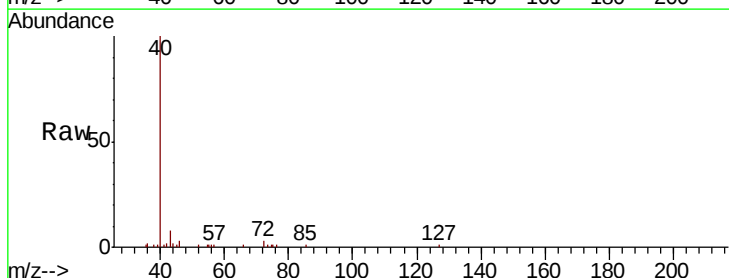


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

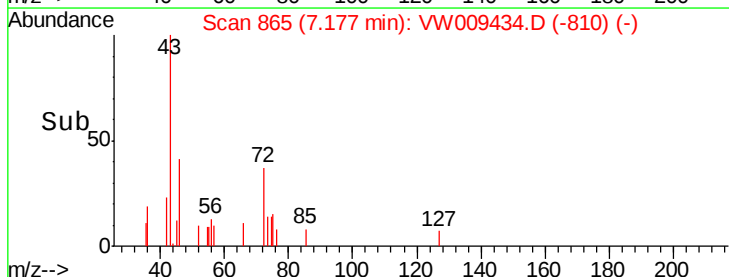
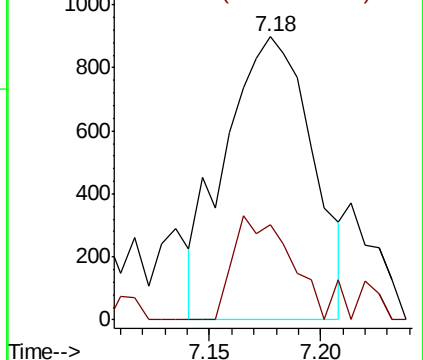


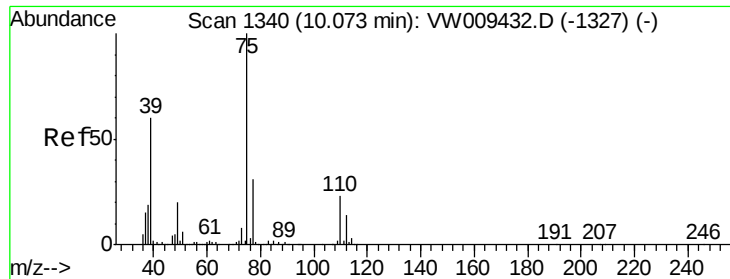
#21
2-Butanone
Concen: 1.244 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009434.D
Acq: 25 Mar 2019 18:29

Tgt Ion: 43 Resp: 2448
Ion Ratio Lower Upper
43 100
72 23.8 13.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

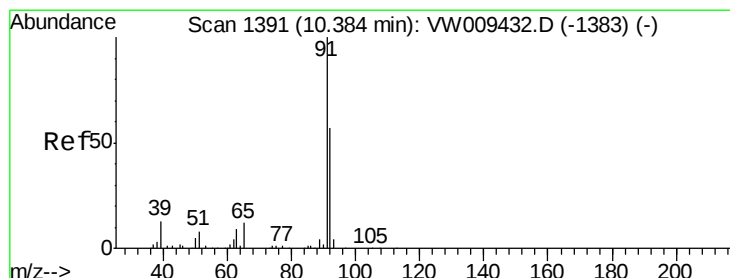
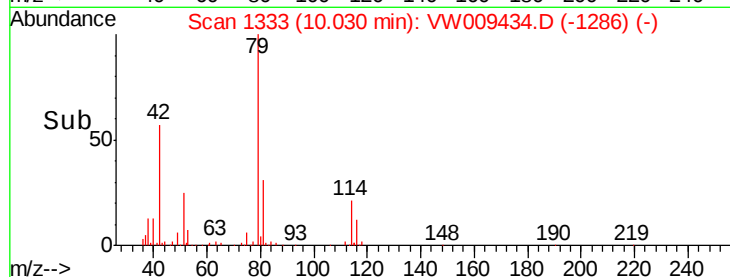
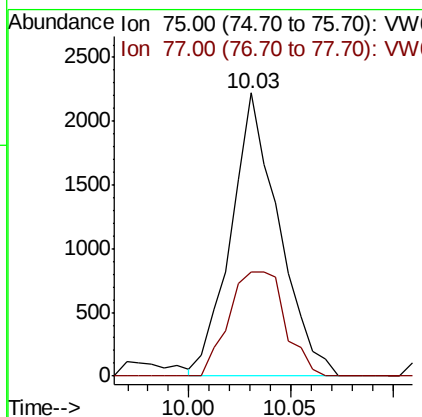
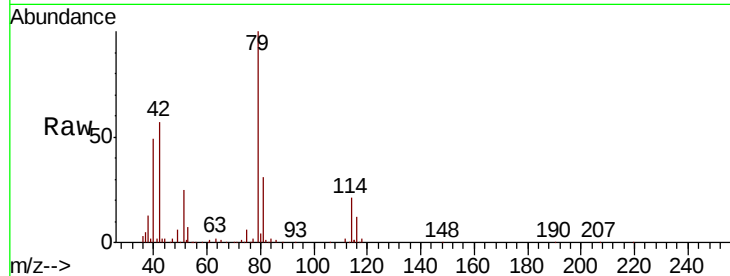




#42
 cis-1,3-Dichloropropene
 Concen: 0.633 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW009434.D
 Acq: 25 Mar 2019 18:29

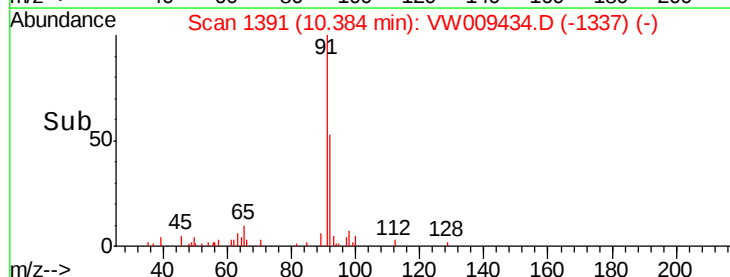
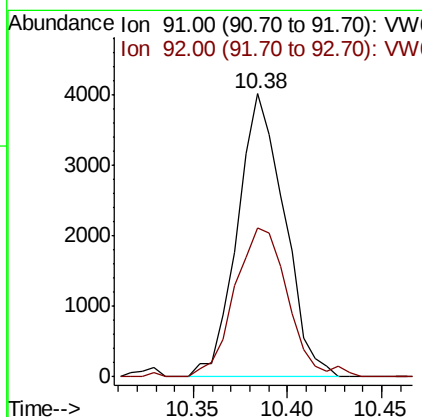
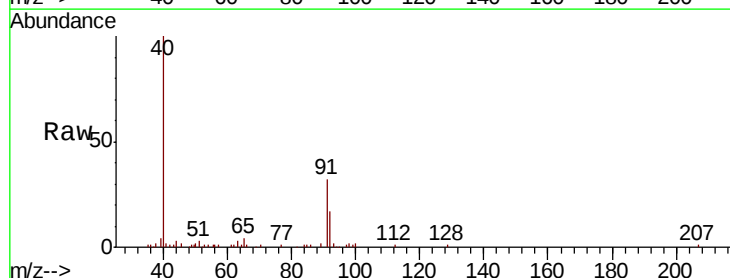
Instrument :
 MSVOA_W
 ClientSampled :

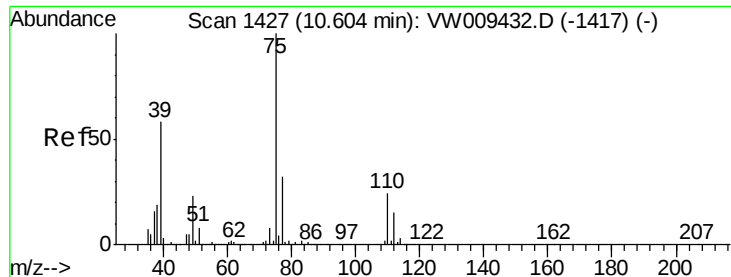
Tot Ion: 75 Resp: 3618
 Ion Ratio Lower Upper
 75 100
 77 36.9 21.6 40.2



#44
 Toluene
 Concen: 0.463 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW009434.D
 Acq: 25 Mar 2019 18:29

Tgt Ion: 91 Resp: 6922
 Ion Ratio Lower Upper
 91 100
 92 52.5 39.8 73.8





#45

trans-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009434.D

Acq: 25 Mar 2019 18:29

Instrument :

MSVOA_W

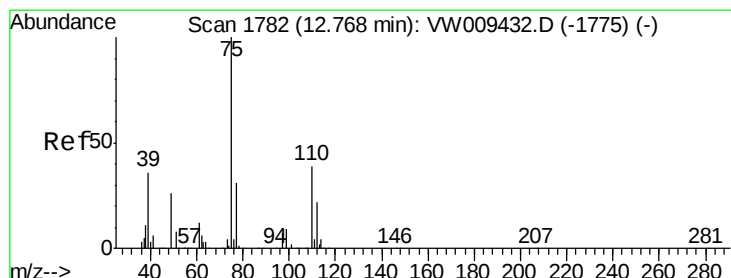
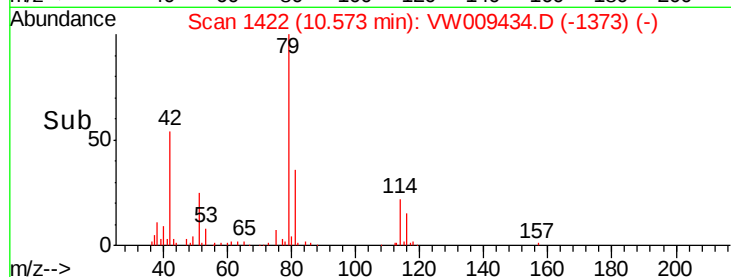
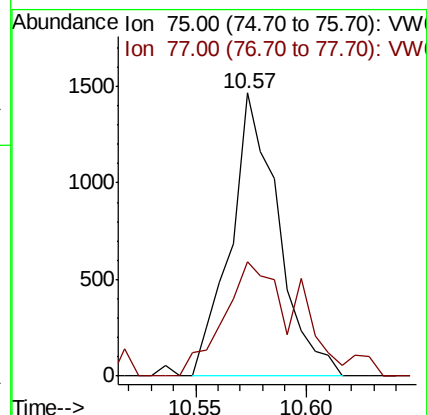
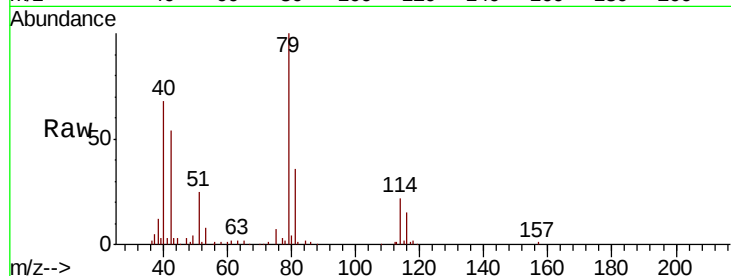
ClientSampleId :

Tot Ion: 75 Resp: 2191

Ion Ratio Lower Upper

75 100

77 40.3 22.5 41.7



#59

1,2,3-Trichloropropane

Concen: 3.465 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009434.D

Acq: 25 Mar 2019 18:29

Tgt Ion: 75 Resp: 9708

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.2

