

Data File : VW009376.D
Acq On : 23 Mar 2019 06:11
Operator : SY/VA
Sample : K2031-20
Misc : 6.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5T0

Quant Time: Mar 23 06:46:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64393	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74469	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
7) Chloroethane-d5	2.89	69	80995	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
10) 1,1-Dichloroethene-d2	4.01	63	117240	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.08	46	70015	48.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.00%
24) Chloroform-d	7.65	84	191870	23.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	8.31	65	128676	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.08%
29) Benzene-d6	8.27	84	326813	26.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.20%
33) 1,2-Dichloropropane-d6	9.27	67	110306	29.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.08%
37) Toluene-d8	10.32	98	244351	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.24%
38) trans-1,3-Dichloropropene-	10.58	79	38480	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.32%
39) 2-Hexanone-d5	10.93	63	43768	47.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96194	25.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	57694	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%

Target Compounds

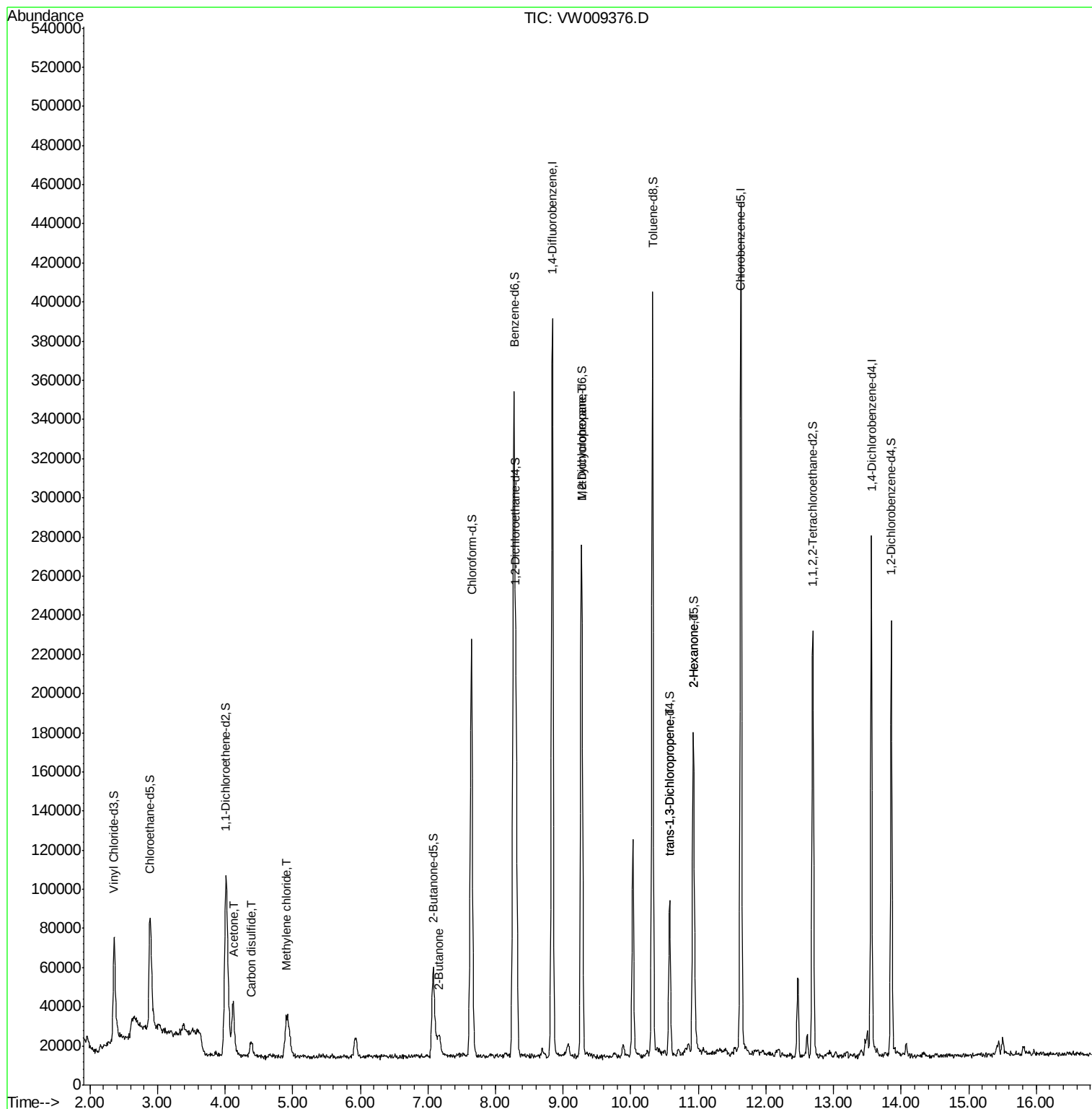
					Qvalue
13) Acetone	4.12	43	44751	37.415 ug/L	99
14) Carbon disulfide	4.39	76	10440	1.067 ug/L #	85
16) Methylene chloride	4.91	84	9494	2.206 ug/L	94
21) 2-Butanone	7.17	43	16635	10.073 ug/L	85
36) Methylcyclohexane	9.27	83	27873	4.856 ug/L #	18
45) trans-1,3-Dichloropropene	10.58	75	2302	0.509 ug/L	98
49) 2-Hexanone	10.92	43	7797	3.824 ug/L #	64

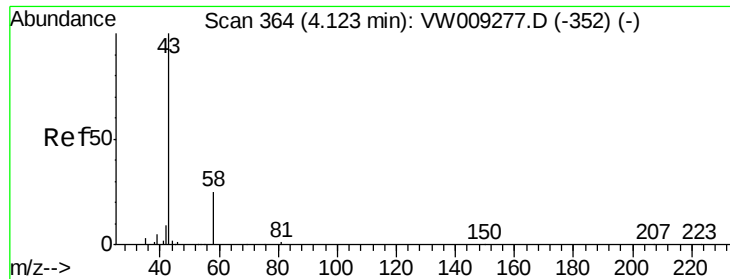
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 37.415 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 23 Mar 2019 06:11

Instrument :

MSVOA_W

ClientSampleId :

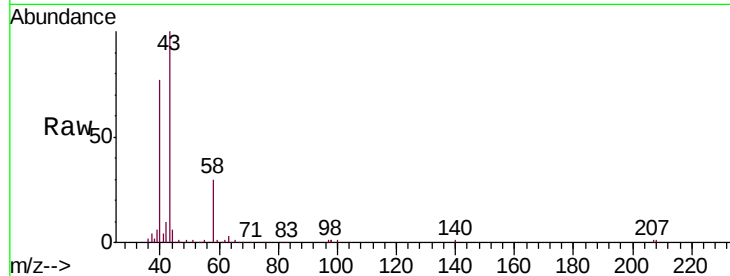
BF5T0

Tgt Ion: 43 Resp: 44751

Ion Ratio Lower Upper

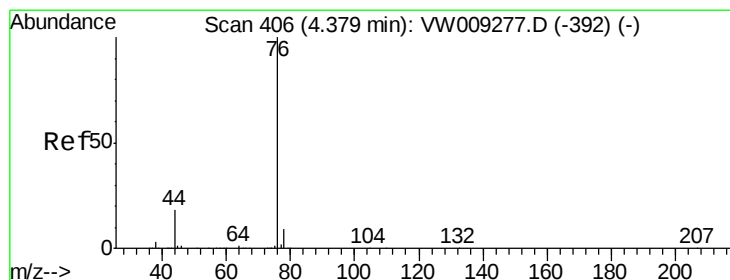
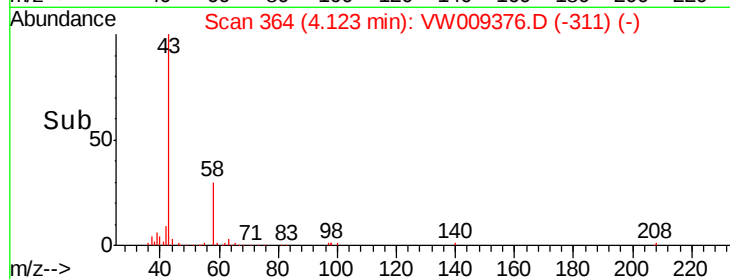
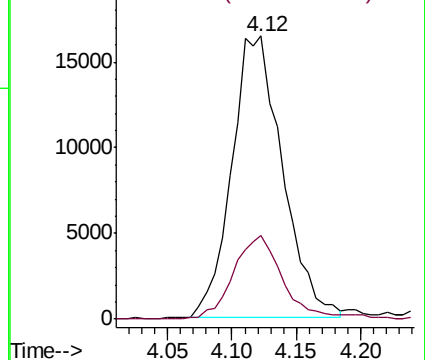
43 100

58 28.5 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: 1.067 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

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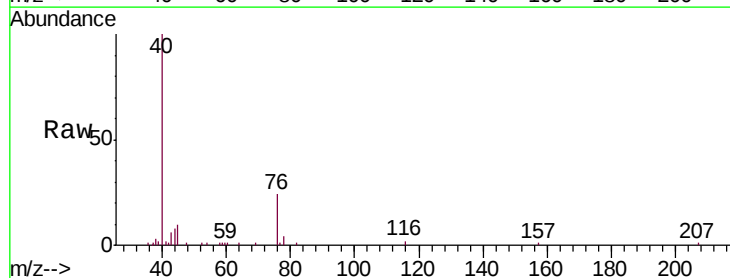
Acq: 23 Mar 2019 06:11

Tgt Ion: 76 Resp: 10440

Ion Ratio Lower Upper

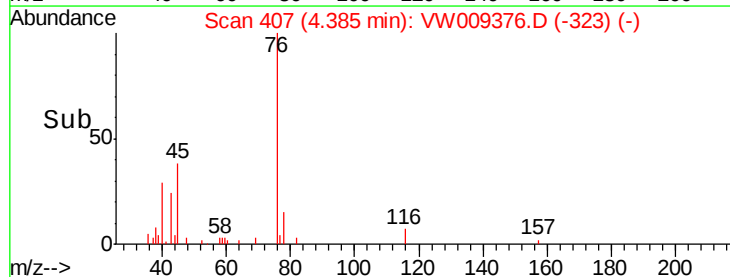
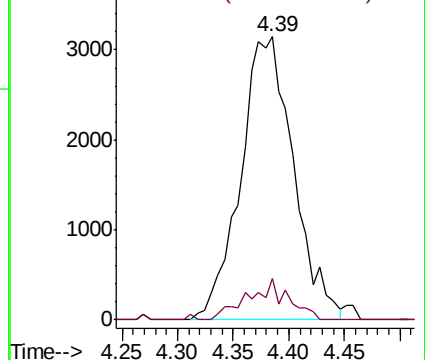
76 100

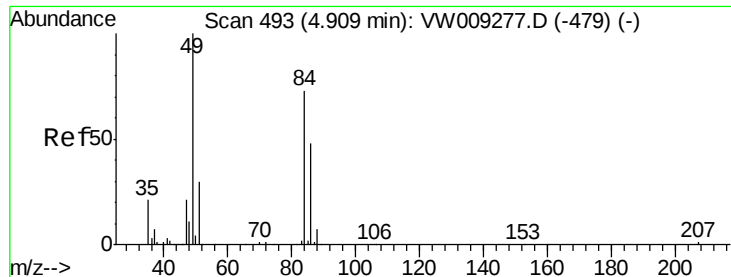
78 14.7 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

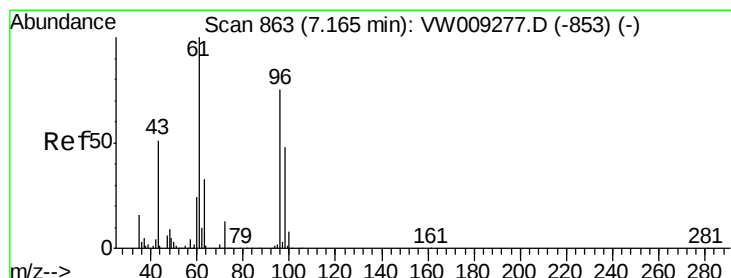
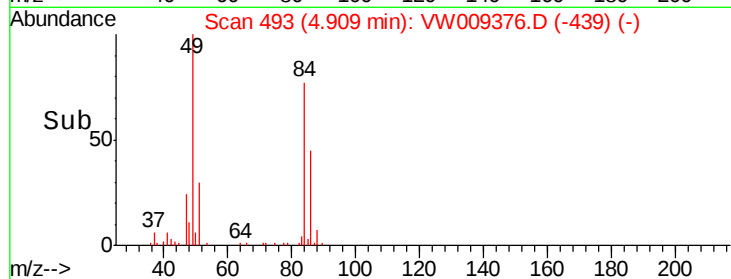
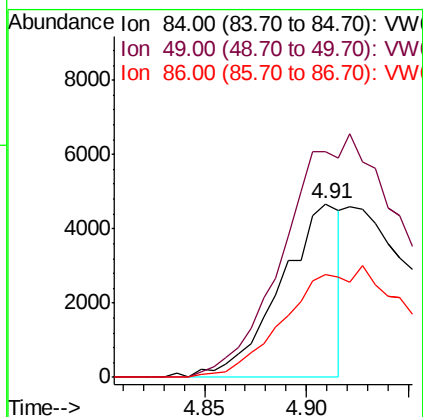
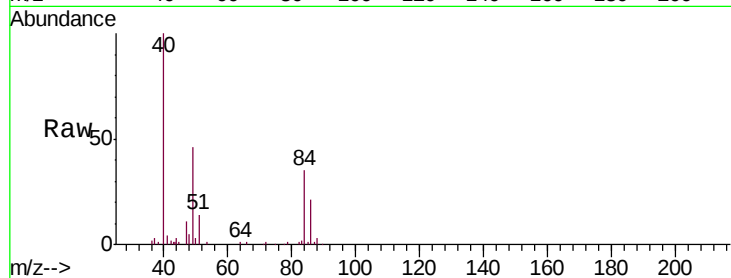




#16
Methylene chloride
Concen: 2.206 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009376.D
Acq: 23 Mar 2019 06:11

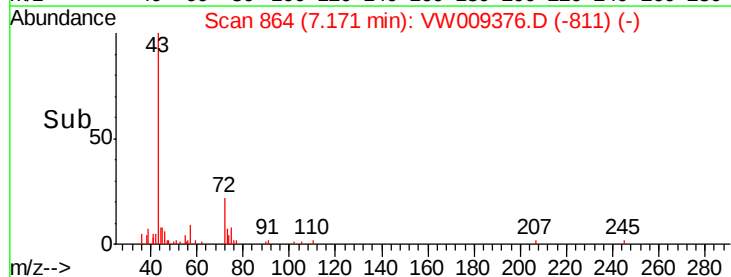
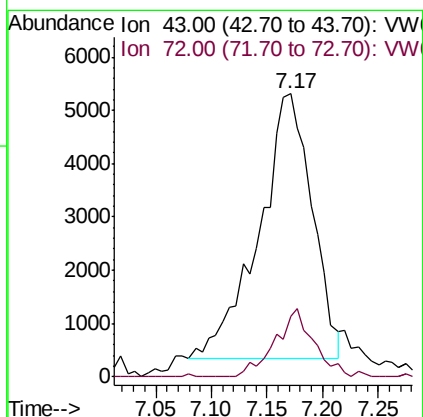
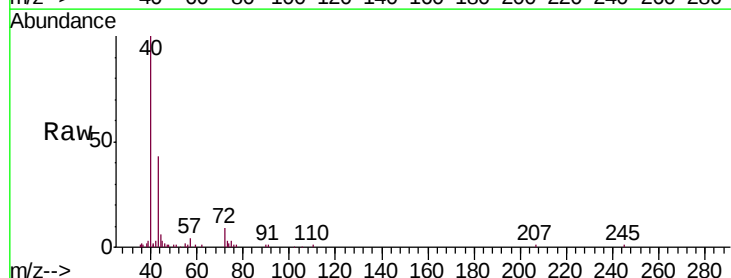
Instrument :
MSVOA_W
ClientSampled :
BF5T0

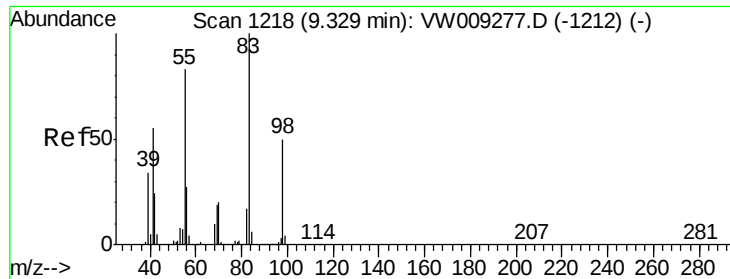
Tgt Ion: 84 Resp: 9494
Ion Ratio Lower Upper
84 100
49 129.9 96.0 178.2
86 59.0 44.4 82.5



#21
2-Butanone
Concen: 10.073 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW009376.D
Acq: 23 Mar 2019 06:11

Tgt Ion: 43 Resp: 16635
Ion Ratio Lower Upper
43 100
72 18.6 13.1 39.1

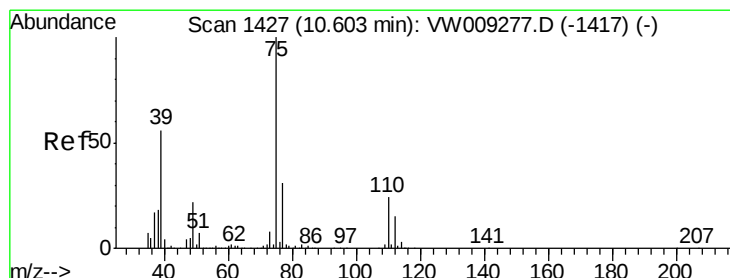
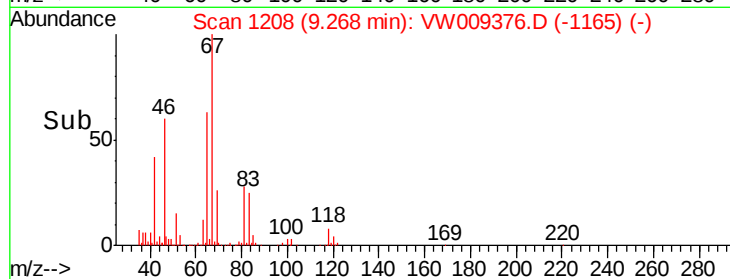
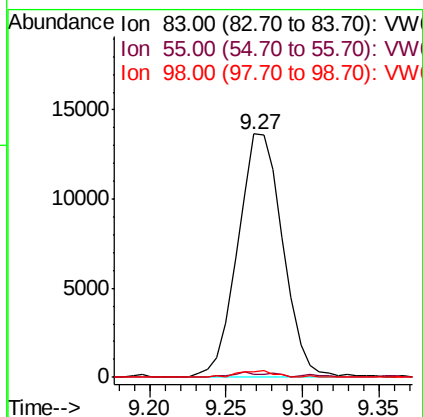
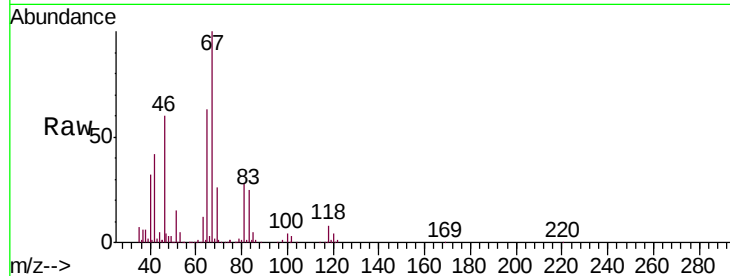




#36
Methylcyclohexane
Concen: 4.856 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
Lab File: VW009376.D
Acq: 23 Mar 2019 06:11

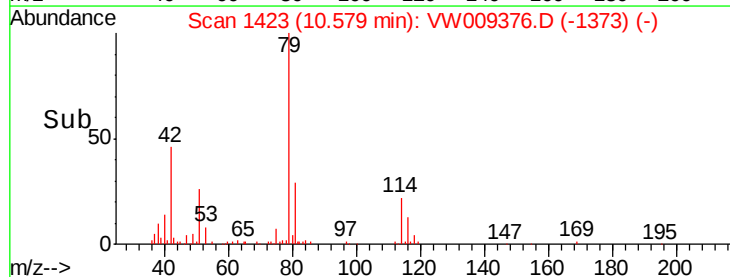
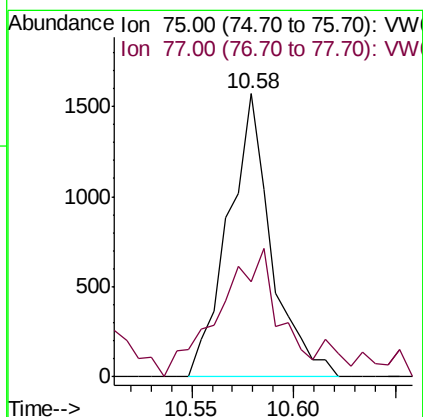
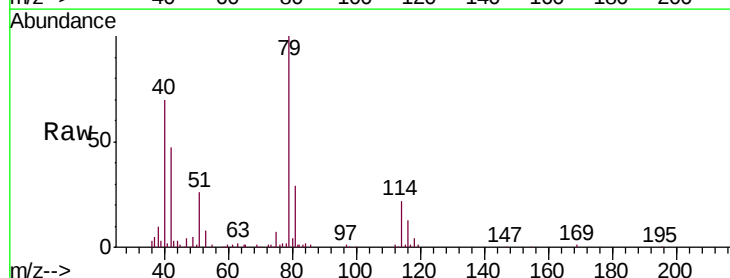
Instrument :
MSVOA_W
ClientSampleId :
BF5T0

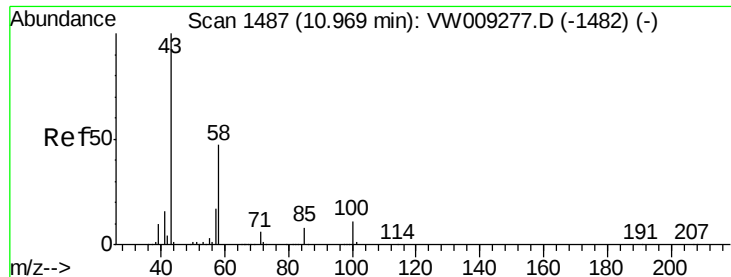
Tgt Ion: 83 Resp: 27873
Ion Ratio Lower Upper
83 100
55 0.8 63.5 95.3#
98 2.0 39.8 59.8#



#45
trans-1,3-Dichloropropene
Concen: 0.509 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009376.D
Acq: 23 Mar 2019 06:11

Tgt Ion: 75 Resp: 2302
Ion Ratio Lower Upper
75 100
77 33.4 22.5 41.7





#49

2-Hexanone

Concen: 3.824 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW009376.D

Acq: 23 Mar 2019 06:11

Instrument :

MSVOA_W

ClientSampleId :

BF5T0

Tgt Ion: 43 Resp: 7797

Ion Ratio Lower Upper

43 100

58 21.1 39.2 58.8#

57 33.4 14.2 21.2#

100 6.2 8.9 13.3#

