

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009483.D
 Acq On : 27 Mar 2019 00:32
 Operator : SY/VA
 Sample : K2065-19
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:08:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	318395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129638	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	64724	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	75065	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.44%
10) 1,1-Dichloroethene-d2	4.01	63	110997	13.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.00%
20) 2-Butanone-d5	7.08	46	67627	42.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.96%
24) Chloroform-d	7.64	84	197647	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	8.56	65	72	0.01	ug/L	0.26
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	328209	19.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.20%
33) 1,2-Dichloropropane-d6	9.27	67	112976	22.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.44%
37) Toluene-d8	10.32	98	275950	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.20%
38) trans-1,3-Dichloropropene-	10.57	79	44915	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.04%
39) 2-Hexanone-d5	10.93	63	43065	34.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106658	21.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	106830	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds

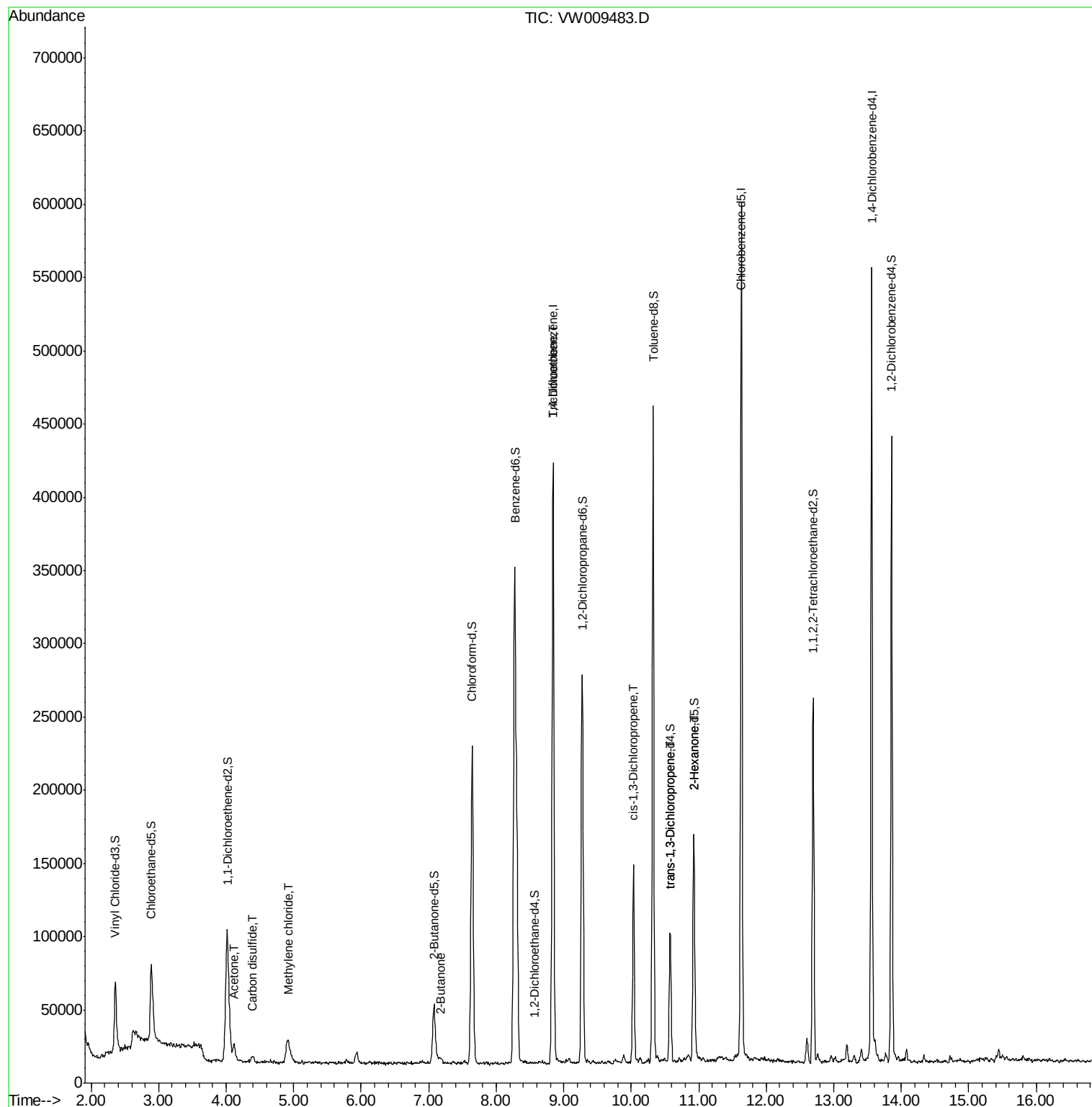
					Ovalue
13) Acetone	4.12	43	17826	13.815	ug/L 99
14) Carbon disulfide	4.38	76	3644	0.345	ug/L # 68
16) Methylene chloride	4.91	84	7200	1.551	ug/L 100
21) 2-Butanone	7.18	43	2271	1.275	ug/L 90
35) Trichloroethene	8.84	95	10294	2.288	ug/L # 4
42) cis-1,3-Dichloropropene	10.03	75	3932	0.557	ug/L 91
45) trans-1,3-Dichloropropene	10.57	75	2405	0.392	ug/L # 76
49) 2-Hexanone	10.93	43	8540	3.089	ug/L # 74

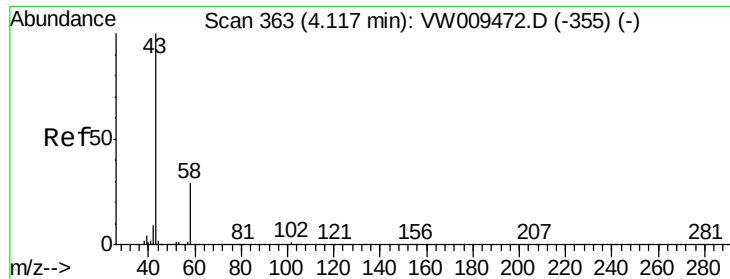
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009483.D
Acq On : 27 Mar 2019 00:32
Operator : SY/VA
Sample : K2065-19
Misc : 5.60G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 27 08:08:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.815 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009483.D

Acq: 27 Mar 2019 00:32

Instrument :

MSVOA_W

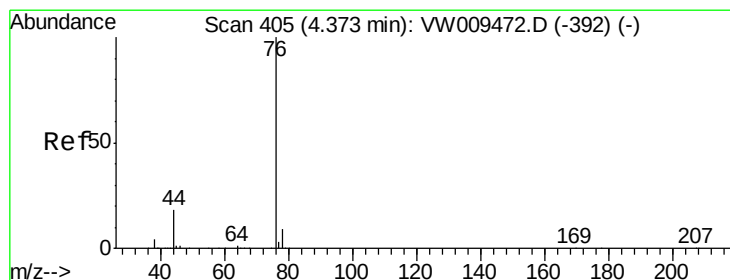
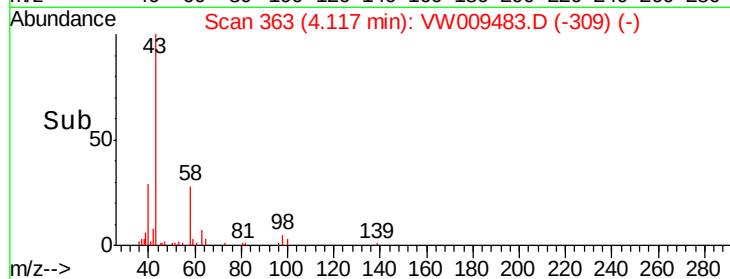
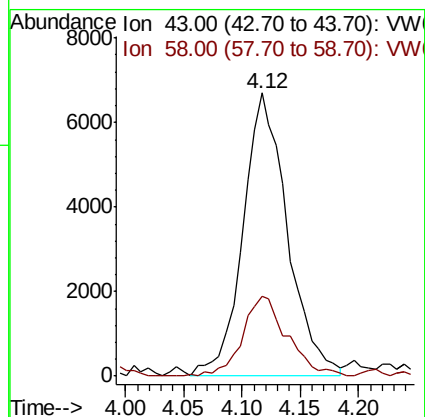
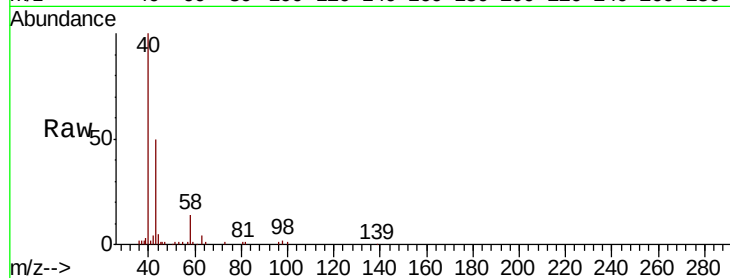
ClientSampleId :

Tot Ion: 43 Resp: 17826

Ion Ratio Lower Upper

43 100

58 27.5 0.0 56.2



#14

Carbon disulfide

Concen: 0.345 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009483.D

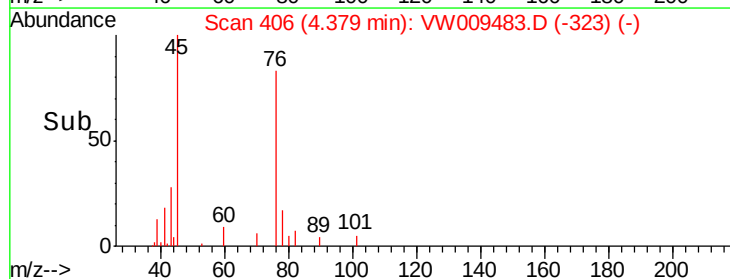
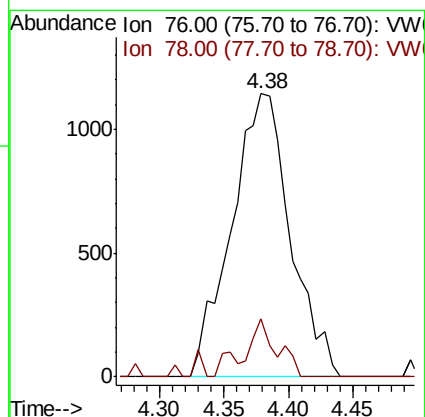
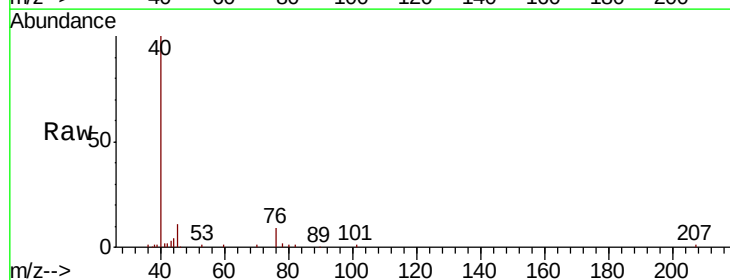
Acq: 27 Mar 2019 00:32

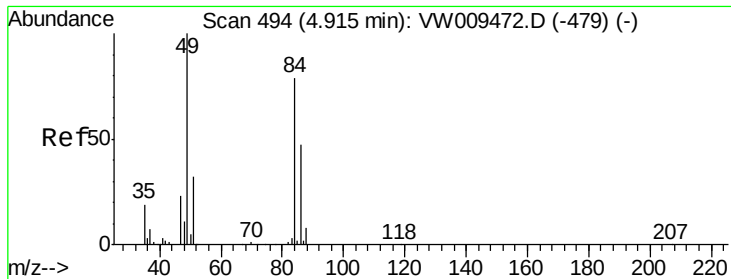
Tgt Ion: 76 Resp: 3644

Ion Ratio Lower Upper

76 100

78 20.6 7.3 10.9#

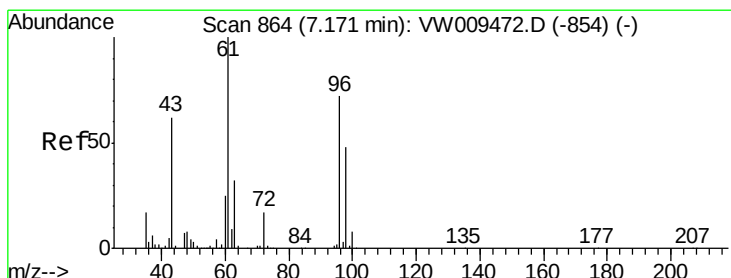
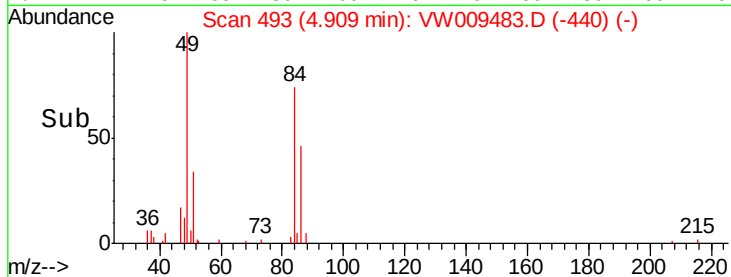
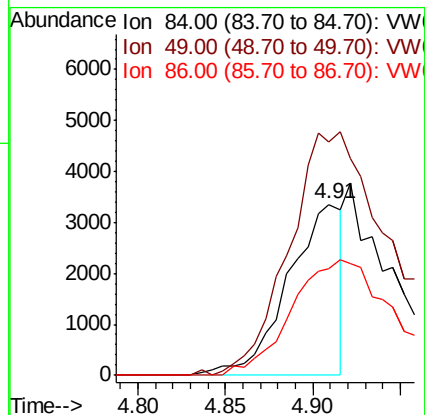
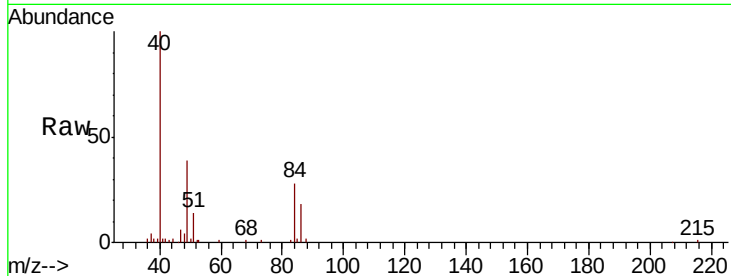




#16
Methylene chloride
Concen: 1.551 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009483.D
Acq: 27 Mar 2019 00:32

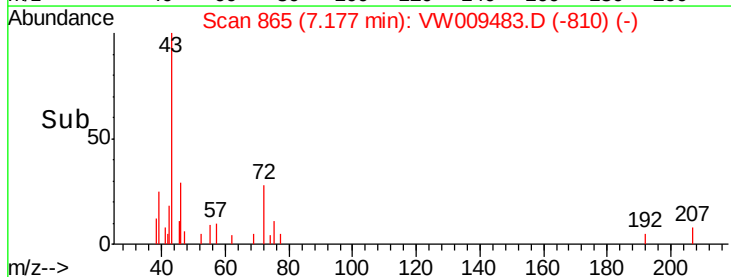
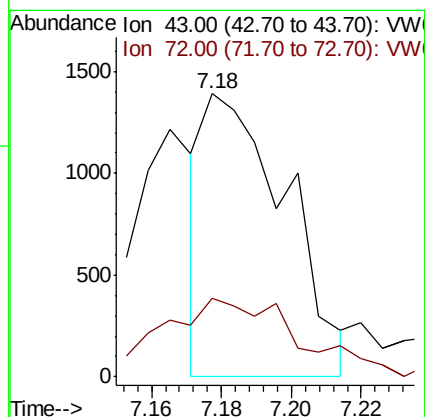
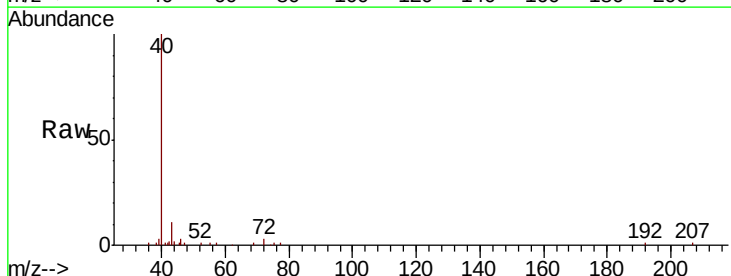
Instrument :
MSVOA_W
ClientSampled :

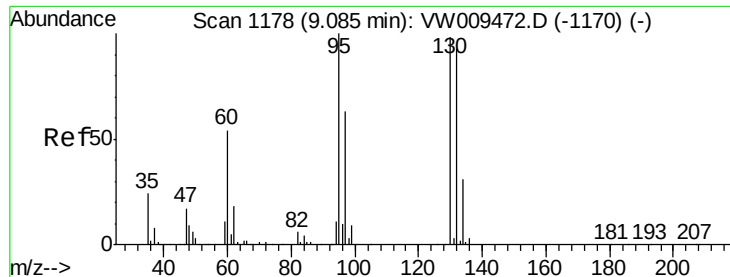
Tot Ion: 84 Resp: 7200
Ion Ratio Lower Upper
84 100
49 136.8 96.0 178.2
86 62.7 44.4 82.5



#21
2-Butanone
Concen: 1.275 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009483.D
Acq: 27 Mar 2019 00:32

Tgt Ion: 43 Resp: 2271
Ion Ratio Lower Upper
43 100
72 31.4 13.1 39.1





#35

Trichloroethene

Concen: 2.288 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009483.D

Acq: 27 Mar 2019 00:32

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10294

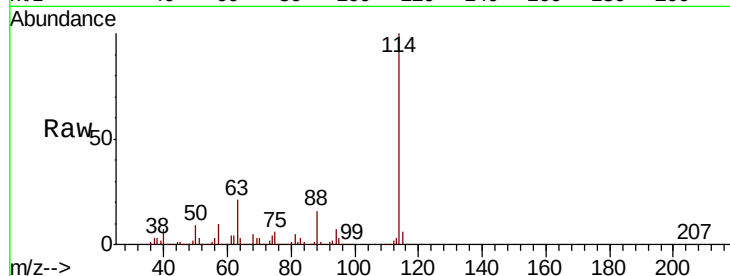
Ion Ratio Lower Upper

95 100

97 0.2 44.7 82.9#

132 0.0 69.0 128.2#

130 0.0 72.7 134.9#

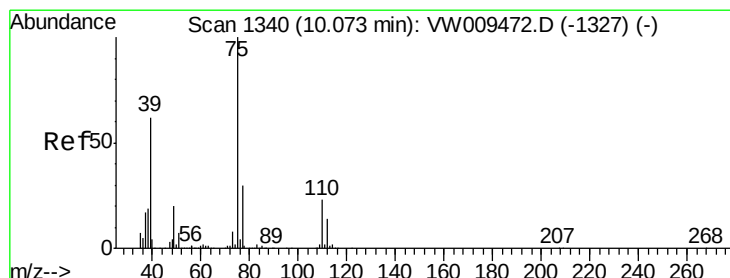
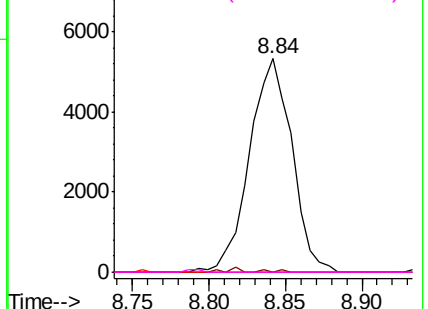
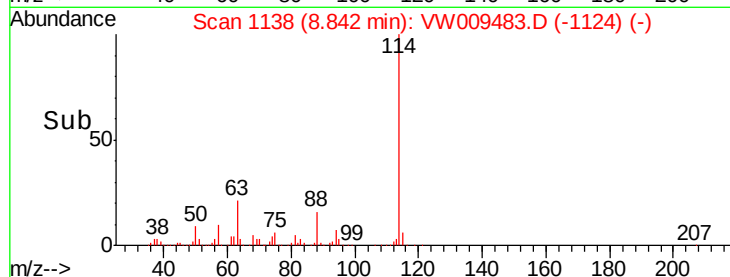


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.557 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009483.D

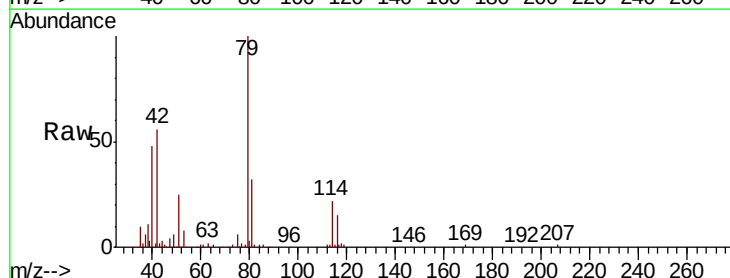
Acq: 27 Mar 2019 00:32

Tgt Ion: 75 Resp: 3932

Ion Ratio Lower Upper

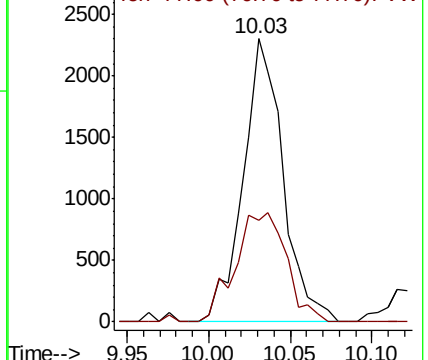
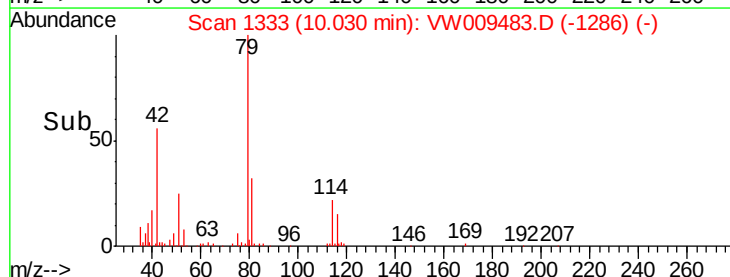
75 100

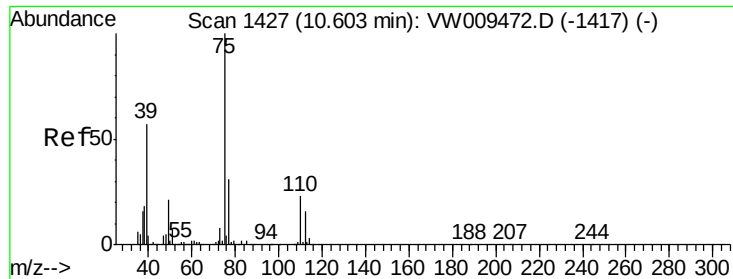
77 36.1 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.392 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009483.D

Acq: 27 Mar 2019 00:32

Instrument :

MSVOA_W

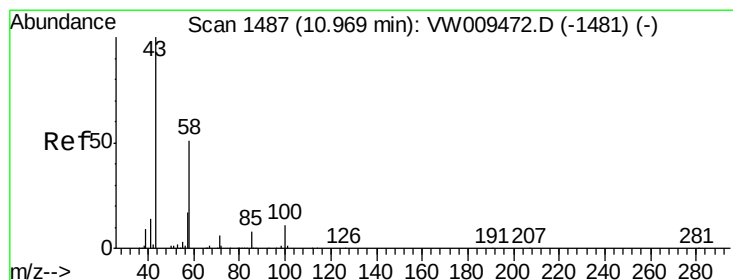
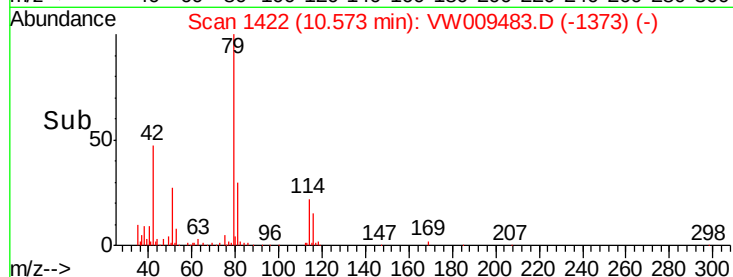
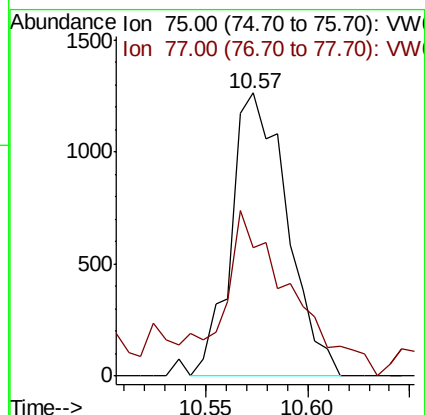
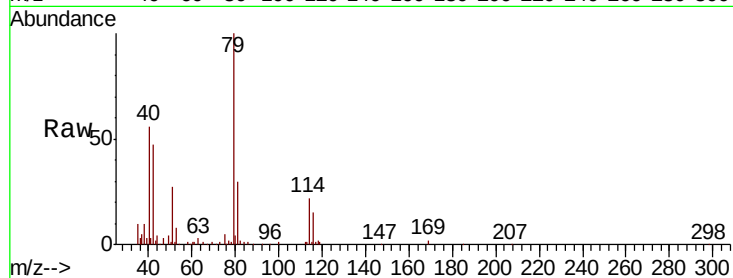
ClientSampled :

Tot Ion: 75 Resp: 2405

Ion Ratio Lower Upper

75 100

77 45.5 22.5 41.7#



#49

2-Hexanone

Concen: 3.089 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009483.D

Acq: 27 Mar 2019 00:32

Tgt Ion: 43 Resp: 8540

Ion Ratio Lower Upper

43 100

58 30.8 39.2 58.8#

57 29.1 14.2 21.2#

100 2.1 8.9 13.3#

