

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009479.D
 Acq On : 26 Mar 2019 22:43
 Operator : SY/VA
 Sample : K2065-13
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:07:51 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	307362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261027	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73576	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.12%
7) Chloroethane-d5	2.89	69	84644	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.80%
10) 1,1-Dichloroethene-d2	4.01	63	119151	15.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.04%
20) 2-Butanone-d5	7.08	46	74815	49.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.50%
24) Chloroform-d	7.65	84	202304	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.30	65	123952	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
29) Benzene-d6	8.27	84	339984	23.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.48%
33) 1,2-Dichloropropane-d6	9.27	67	115098	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.48%
37) Toluene-d8	10.32	98	269031	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	40526	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.64%
39) 2-Hexanone-d5	10.93	63	46981	44.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106313	24.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	72961	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

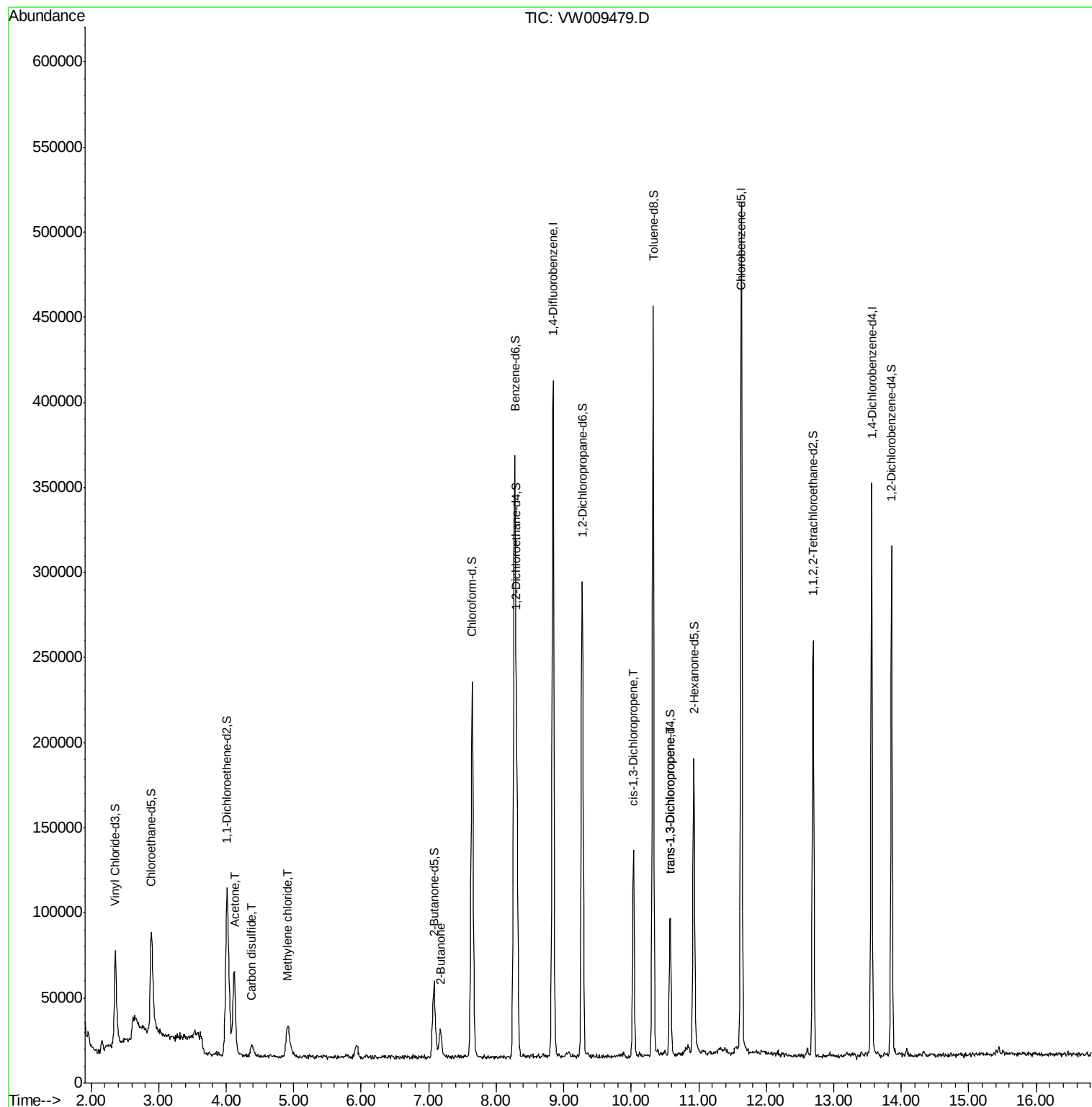
					Ovalue
13) Acetone	4.12	43	84040	67.466 ug/L	99
14) Carbon disulfide	4.38	76	9822	0.964 ug/L #	94
16) Methylene chloride	4.91	84	11003	2.455 ug/L	95
21) 2-Butanone	7.17	43	24029	13.971 ug/L	78
42) cis-1,3-Dichloropropene	10.02	75	3633	0.608 ug/L	96
45) trans-1,3-Dichloropropene	10.57	75	2459	0.473 ug/L #	77

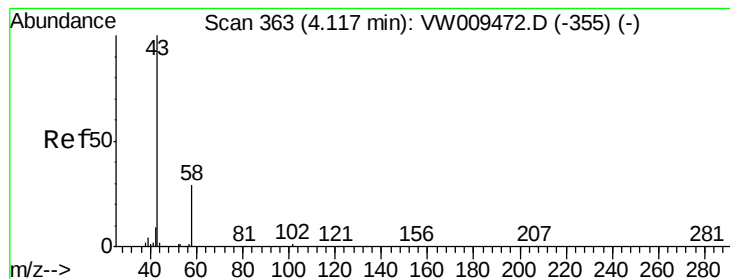
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 67.466 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009479.D

Acq: 26 Mar 2019 22:43

Instrument :

MSVOA_W

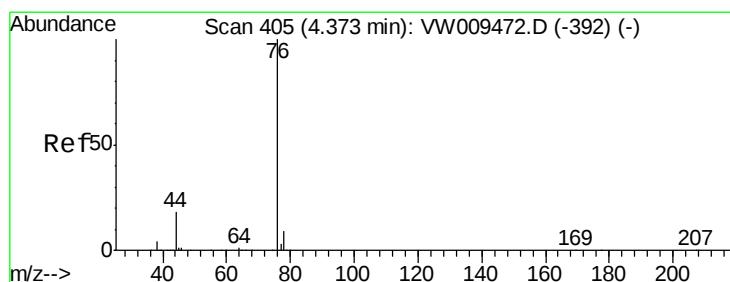
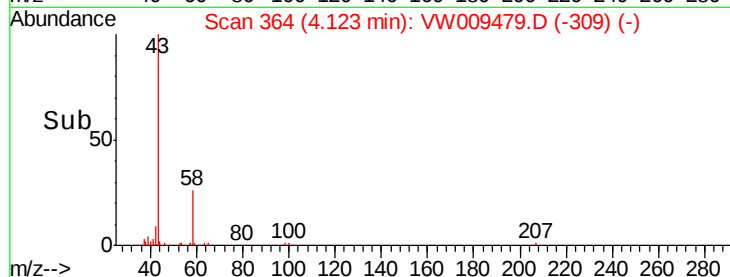
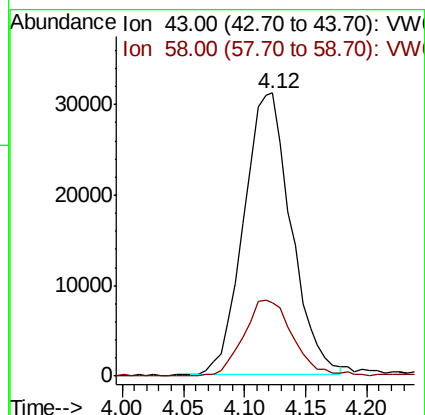
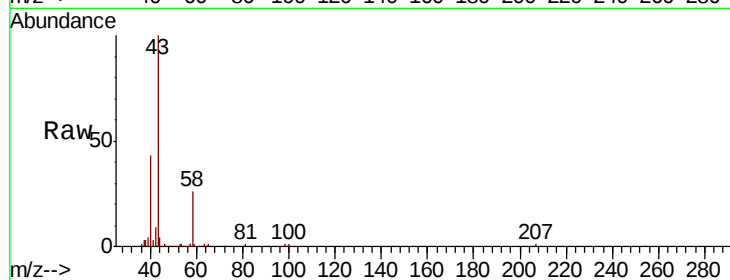
ClientSampleId :

Tot Ion: 43 Resp: 84040

Ion Ratio Lower Upper

43 100

58 27.7 0.0 56.2



#14

Carbon disulfide

Concen: 0.964 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009479.D

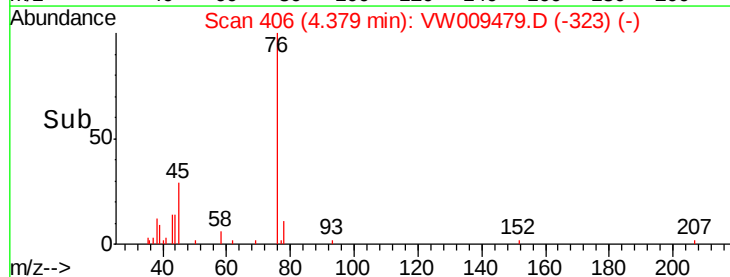
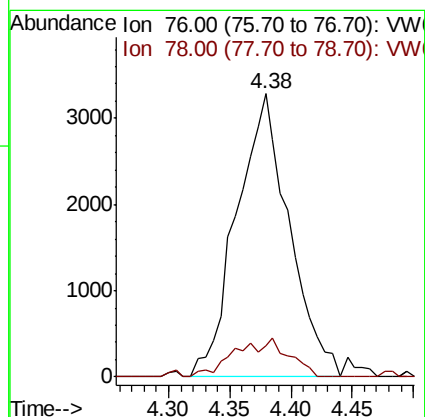
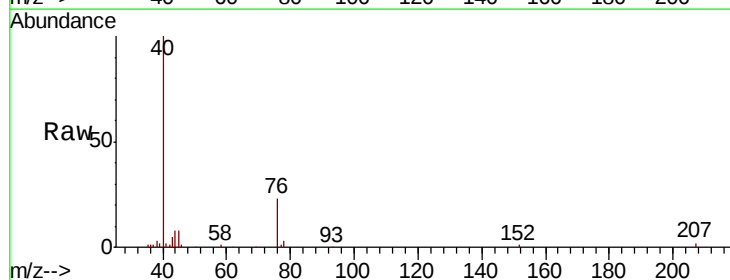
Acq: 26 Mar 2019 22:43

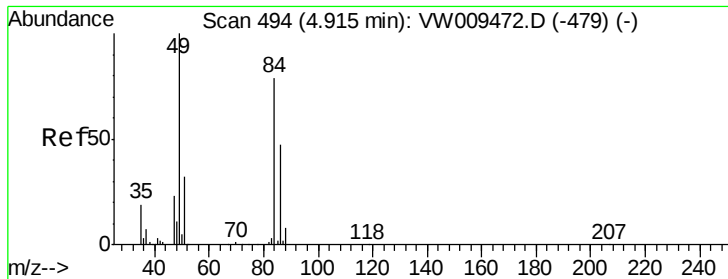
Tgt Ion: 76 Resp: 9822

Ion Ratio Lower Upper

76 100

78 11.1 7.3 10.9#

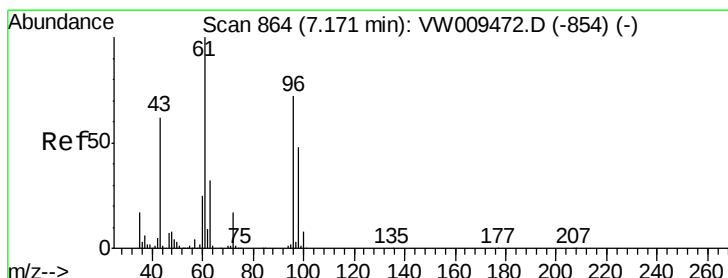
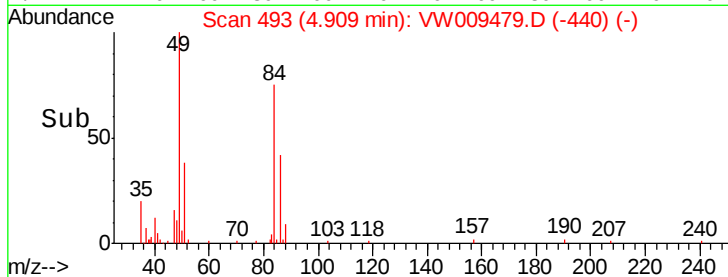
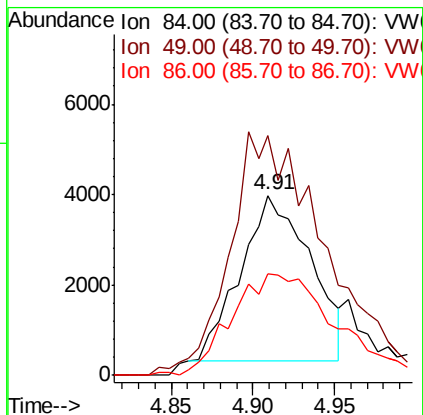
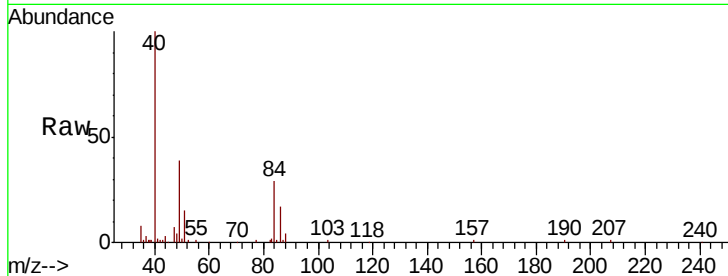




#16
Methylene chloride
Concen: 2.455 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009479.D
Acq: 26 Mar 2019 22:43

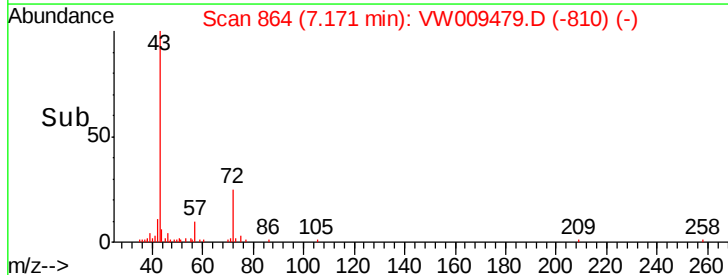
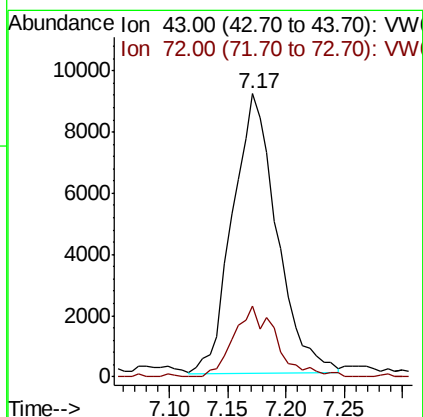
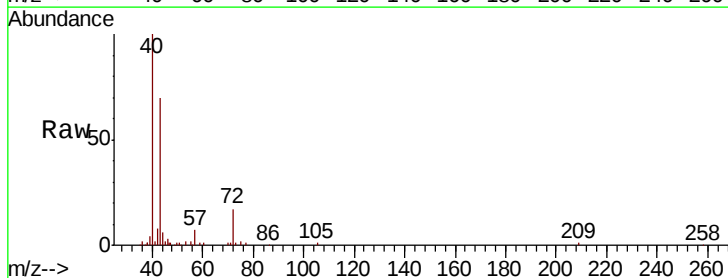
Instrument :
MSVOA_W
ClientSampleId :

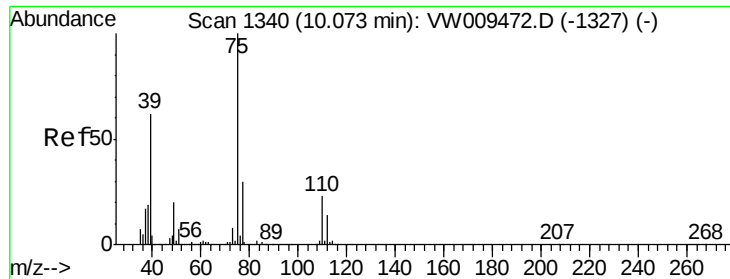
Tot Ion: 84 Resp: 11003
Ion Ratio Lower Upper
84 100
49 133.2 96.0 178.2
86 56.6 44.4 82.5



#21
2-Butanone
Concen: 13.971 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009479.D
Acq: 26 Mar 2019 22:43

Tgt Ion: 43 Resp: 24029
Ion Ratio Lower Upper
43 100
72 15.0 13.1 39.1





#42

cis-1,3-Dichloropropene

Concen: 0.608 ug/L

RT: 10.02 min Scan# 1332

Delta R.T. -0.05 min

Lab File: VW009479.D

Acq: 26 Mar 2019 22:43

Instrument :

MSVOA_W

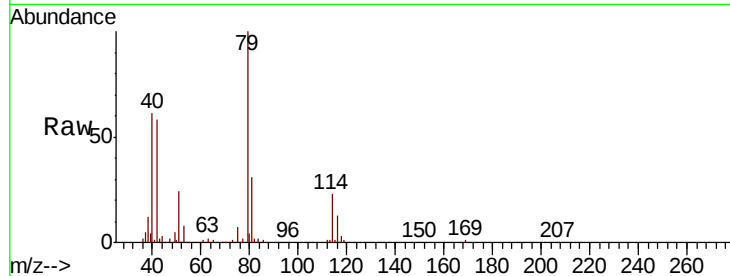
ClientSampleId :

Tot Ion: 75 Resp: 3633

Ion Ratio Lower Upper

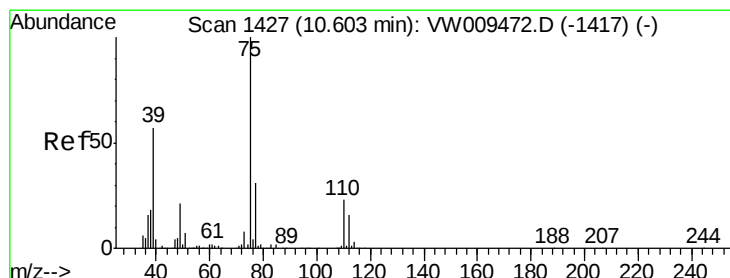
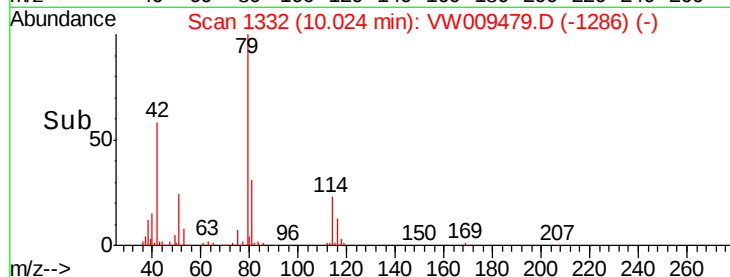
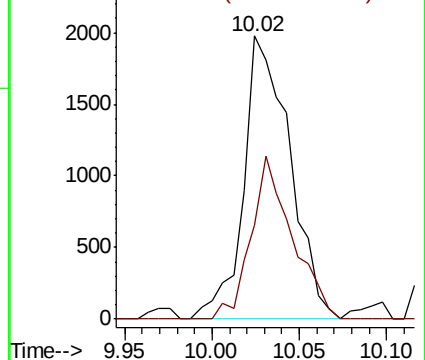
75 100

77 33.0 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: 0.473 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009479.D

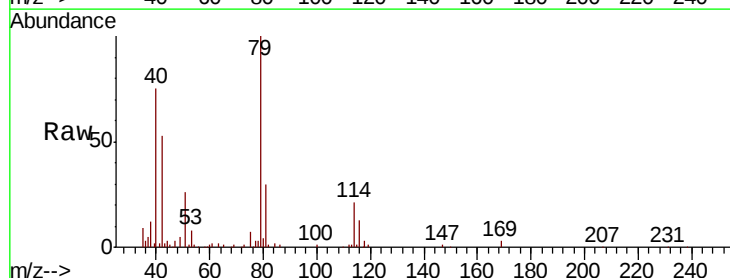
Acq: 26 Mar 2019 22:43

Tgt Ion: 75 Resp: 2459

Ion Ratio Lower Upper

75 100

77 44.7 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

