

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009463.D
 Acq On : 26 Mar 2019 13:34
 Operator : SY/VA
 Sample : K2065-11
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 01:32:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	378769	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137627	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85212	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	99520	18.79	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
10) 1,1-Dichloroethene-d2	4.01	63	144176	14.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.96%
20) 2-Butanone-d5	7.07	46	79242	42.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.66%
24) Chloroform-d	7.65	84	224510	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.31	65	133187	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
29) Benzene-d6	8.27	84	401116	21.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.36%
33) 1,2-Dichloropropane-d6	9.27	67	129266	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.60%
37) Toluene-d8	10.32	98	337607	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.72%
38) trans-1,3-Dichloropropene-	10.58	79	49096	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.28%
39) 2-Hexanone-d5	10.93	63	54751	40.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119052	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	115571	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds

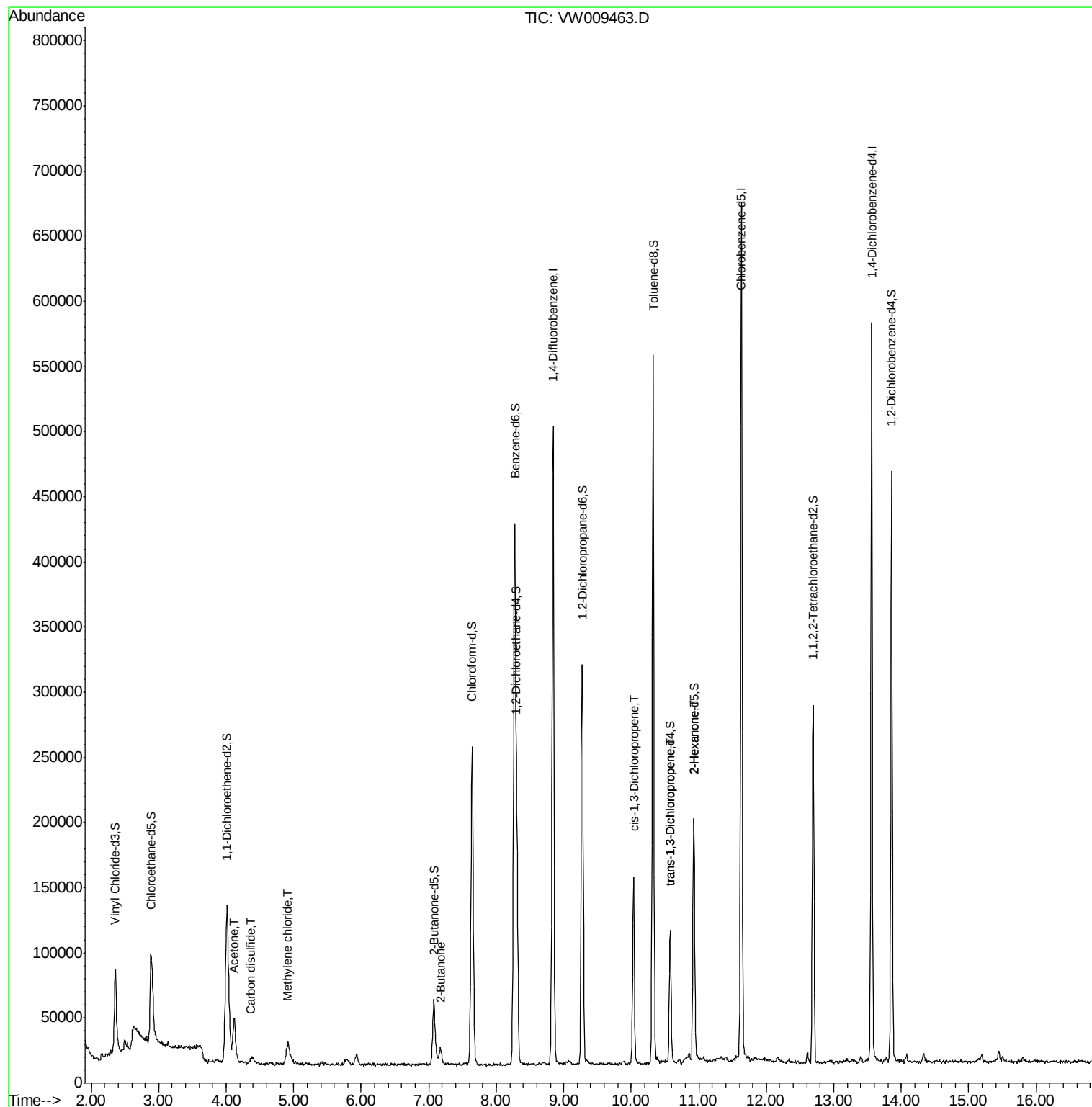
					Ovalue
13) Acetone	4.12	43	58833	38.326 ug/L	98
14) Carbon disulfide	4.37	76	6824	0.544 ug/L #	86
16) Methylene chloride	4.90	84	5965	1.080 ug/L	91
21) 2-Butanone	7.17	43	17877	8.434 ug/L	75
42) cis-1,3-Dichloropropene	10.04	75	4116	0.528 ug/L	85
45) trans-1,3-Dichloropropene	10.58	75	2757	0.407 ug/L	94
49) 2-Hexanone	10.93	43	8166	2.673 ug/L #	73

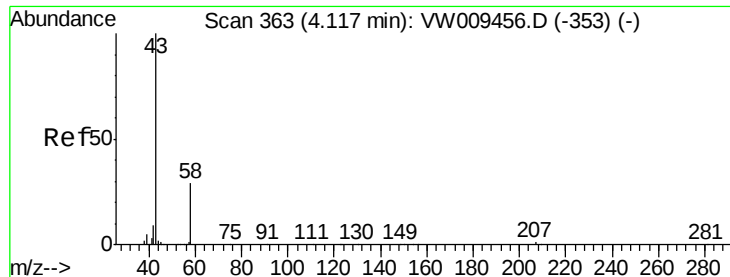
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 38.326 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009463.D

Acq: 26 Mar 2019 13:34

Instrument :

MSVOA_W

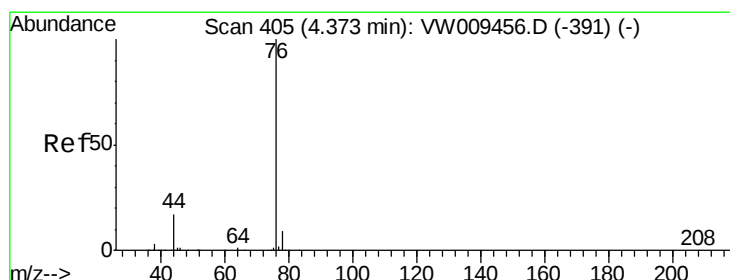
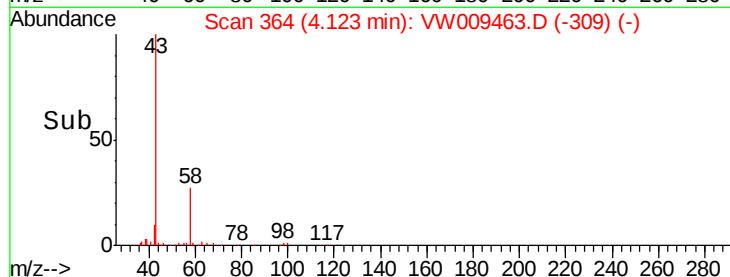
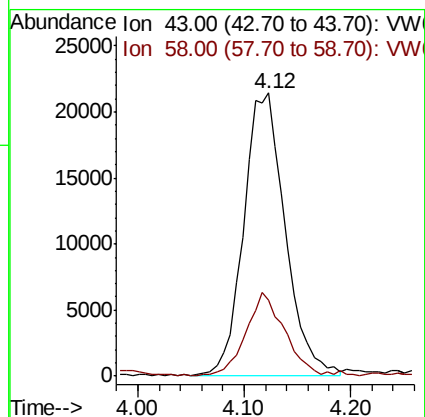
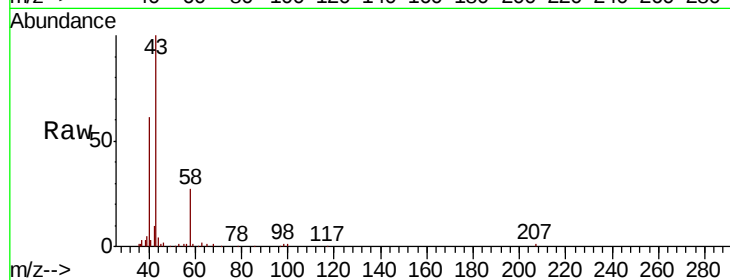
ClientSampleId :

Tot Ion: 43 Resp: 58833

Ion Ratio Lower Upper

43 100

58 27.3 0.0 56.2



#14

Carbon disulfide

Concen: 0.544 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009463.D

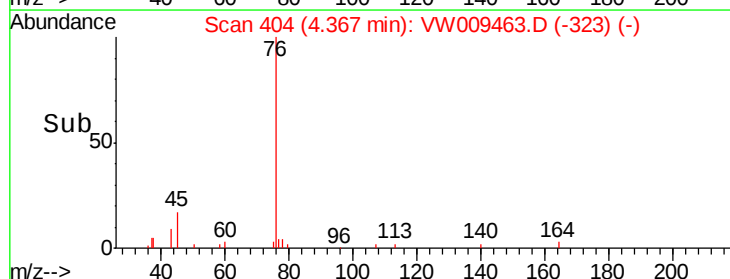
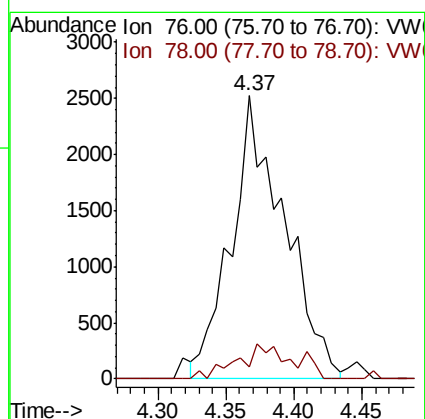
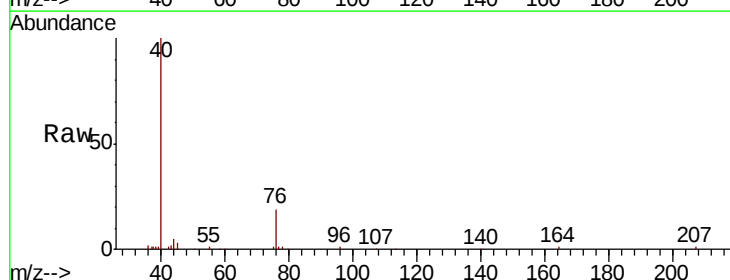
Acq: 26 Mar 2019 13:34

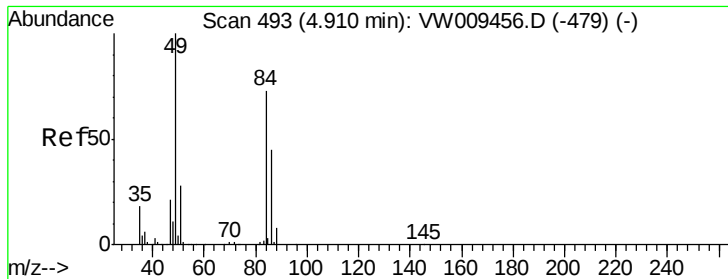
Tgt Ion: 76 Resp: 6824

Ion Ratio Lower Upper

76 100

78 4.0 7.3 10.9#

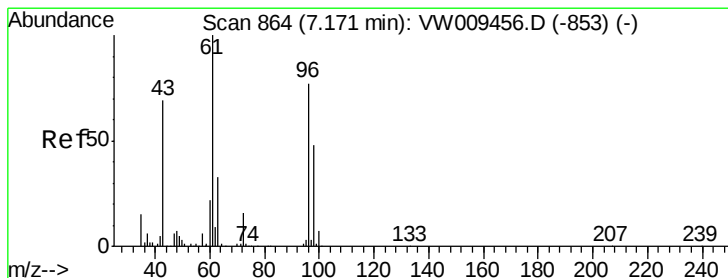
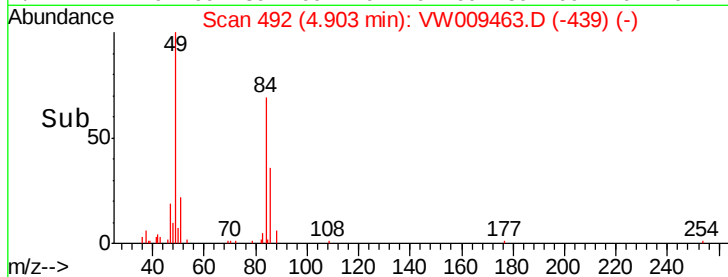
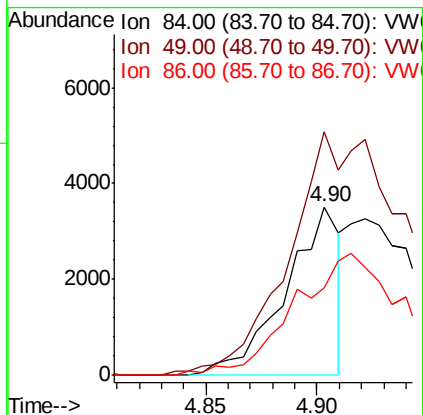
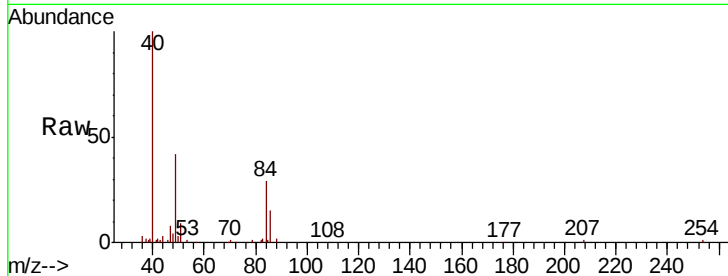




#16
Methylene chloride
Concen: 1.080 ug/L
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009463.D
Acq: 26 Mar 2019 13:34

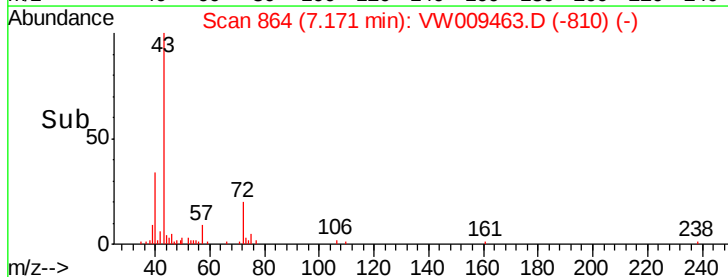
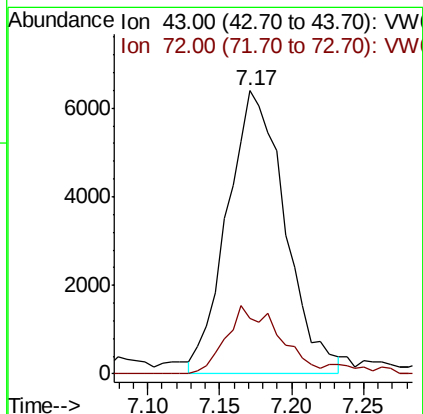
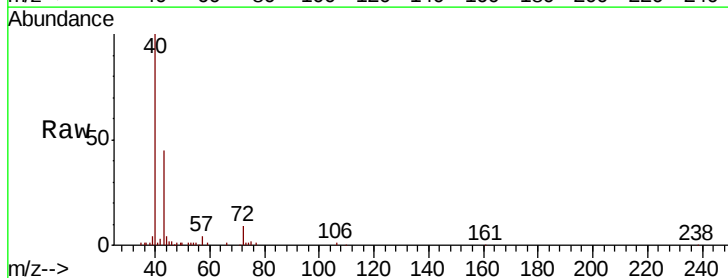
Instrument :
MSVOA_W
ClientSampled :

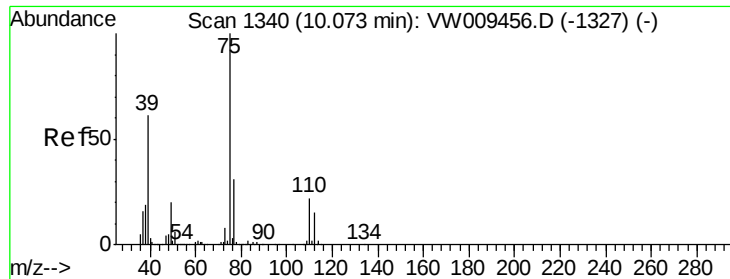
Tot Ion: 84 Resp: 5965
Ion Ratio Lower Upper
84 100
49 144.5 96.0 178.2
86 51.9 44.4 82.5



#21
2-Butanone
Concen: 8.434 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009463.D
Acq: 26 Mar 2019 13:34

Tgt Ion: 43 Resp: 17877
Ion Ratio Lower Upper
43 100
72 13.3 13.1 39.1





#42

cis-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009463.D

Acq: 26 Mar 2019 13:34

Instrument :

MSVOA_W

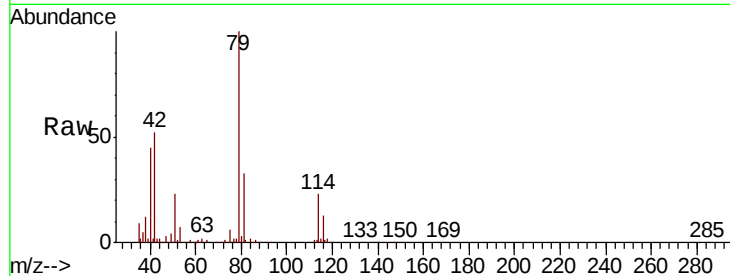
ClientSampled :

Tot Ion: 75 Resp: 4116

Ion Ratio Lower Upper

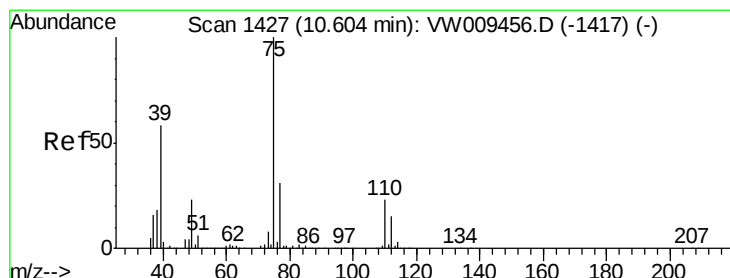
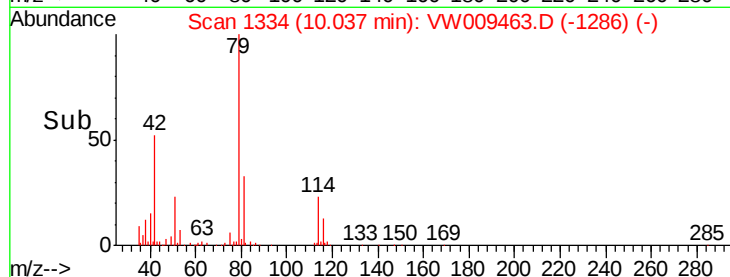
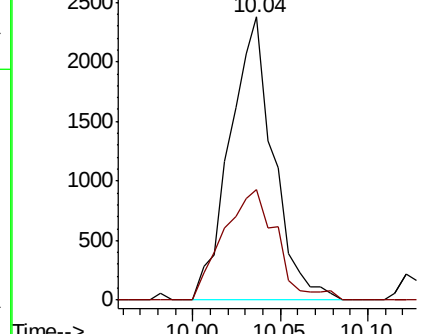
75 100

77 39.1 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: 0.407 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009463.D

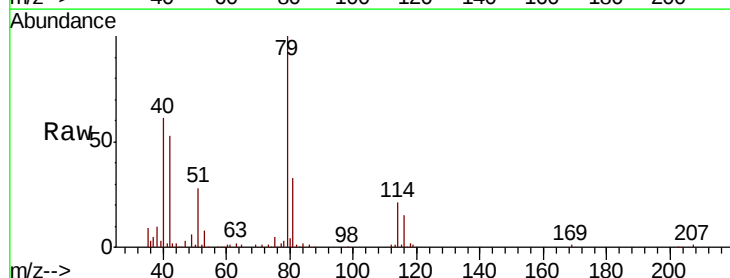
Acq: 26 Mar 2019 13:34

Tgt Ion: 75 Resp: 2757

Ion Ratio Lower Upper

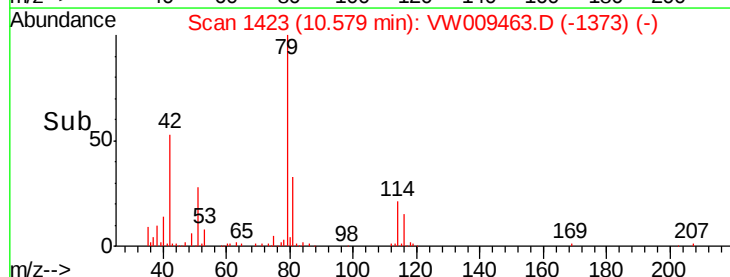
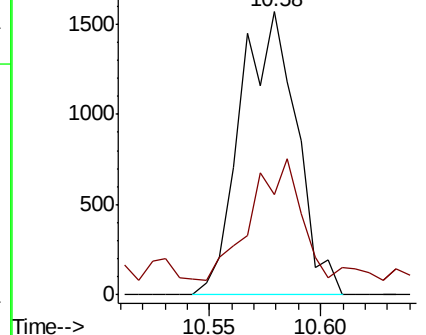
75 100

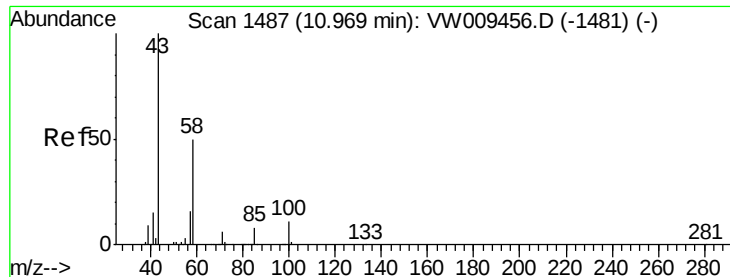
77 35.3 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.673 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009463.D

Acq: 26 Mar 2019 13:34

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 8166

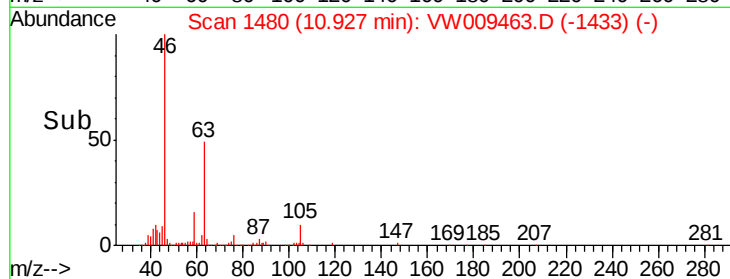
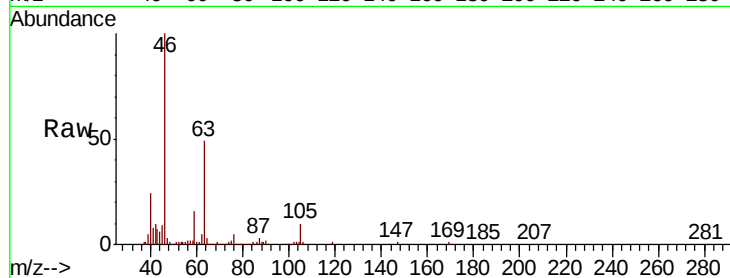
Ion Ratio Lower Upper

43 100

58 33.4 39.2 58.8#

57 35.6 14.2 21.2#

100 3.4 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

