

Data File : VW009870.D
Acq On : 10 Apr 2019 08:44
Operator : SY/VA
Sample : K2278-20
Misc : 4.53G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB6Z2

Quant Time: Apr 10 12:11:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 08:15:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473177	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	472568	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113639	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
7) Chloroethane-d5	2.89	69	111915	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.92%
10) 1,1-Dichloroethene-d2	4.01	63	216386	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	7.08	46	120655	60.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.04%
24) Chloroform-d	7.65	84	344309	26.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.68%
26) 1,2-Dichloroethane-d4	8.31	65	229366	28.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.76%
29) Benzene-d6	8.27	84	616635	24.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.44%
33) 1,2-Dichloropropane-d6	9.27	67	203047	26.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.00%
37) Toluene-d8	10.32	98	536746	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.60%
38) trans-1,3-Dichloropropene-	10.58	79	81850	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.60%
39) 2-Hexanone-d5	10.93	63	76338	52.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	192197	26.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	204275	29.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.04%

Target Compounds

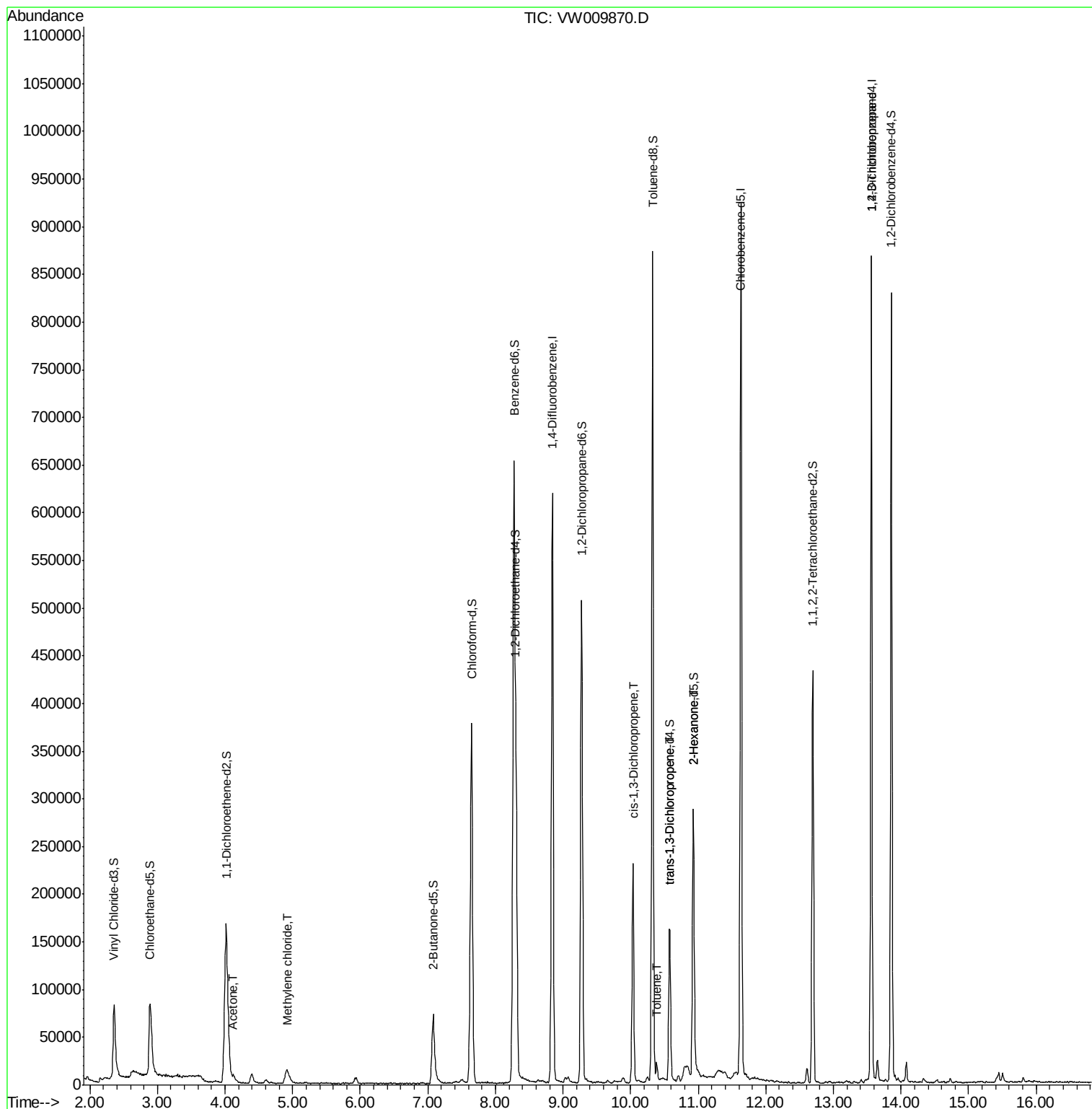
					Qvalue
13) Acetone	4.12	43	6988	3.244 ug/L	71
16) Methylene chloride	4.92	84	8575	1.028 ug/L	88
42) cis-1,3-Dichloropropene	10.04	75	6384	0.566 ug/L	88
44) Toluene	10.39	91	13377	0.444 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	4518	0.465 ug/L #	75
49) 2-Hexanone	10.93	43	12999	3.088 ug/L #	74
59) 1,2,3-Trichloropropane	13.56	75	28234	5.163 ug/L	91

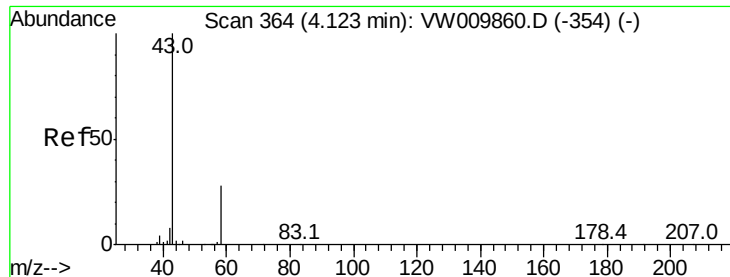
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.244 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

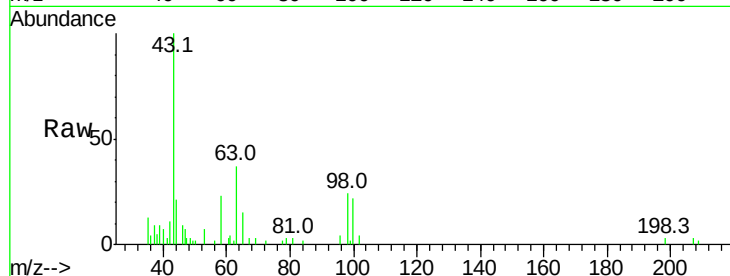
DB6Z2

Tgt Ion: 43 Resp: 6988

Ion Ratio Lower Upper

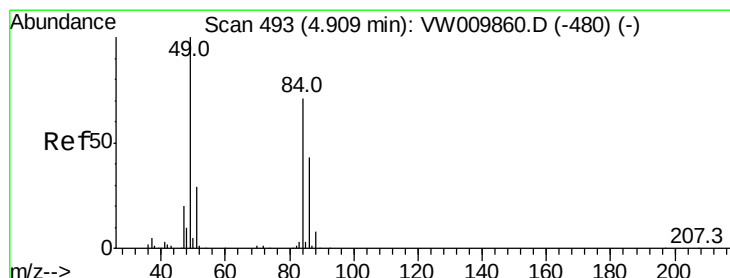
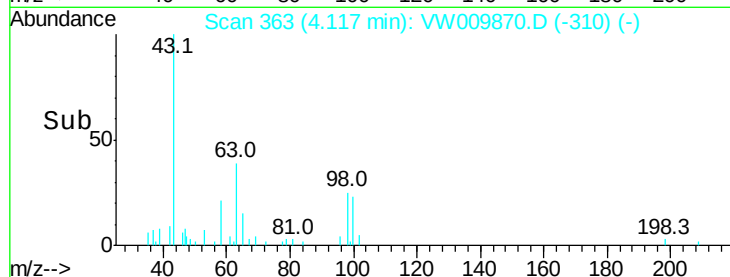
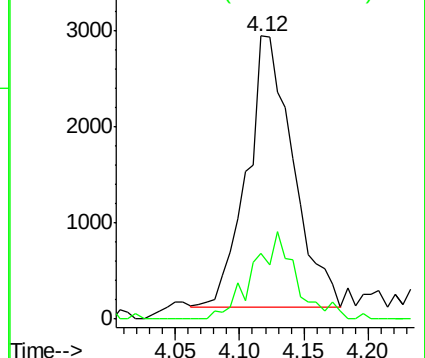
43 100

58 11.6 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.028 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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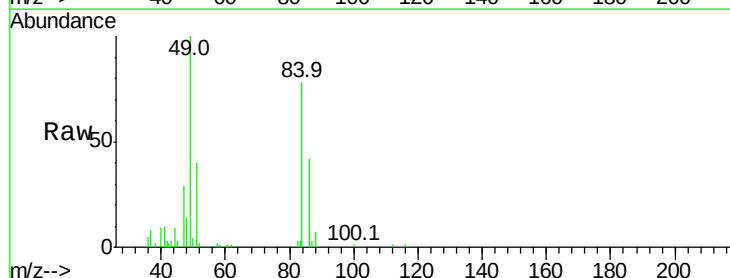
Tgt Ion: 84 Resp: 8575

Ion Ratio Lower Upper

84 100

49 127.7 98.3 182.5

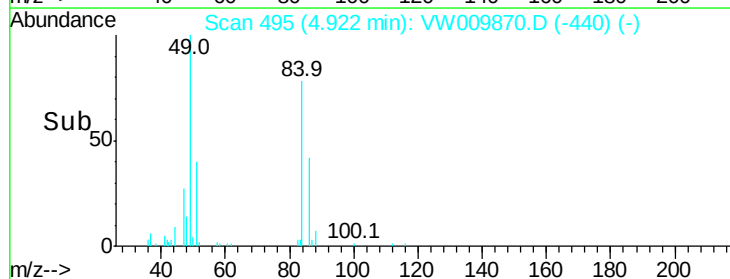
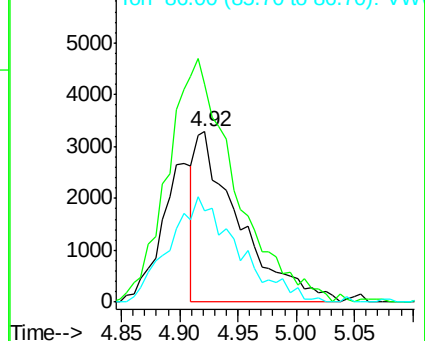
86 53.5 46.4 86.2

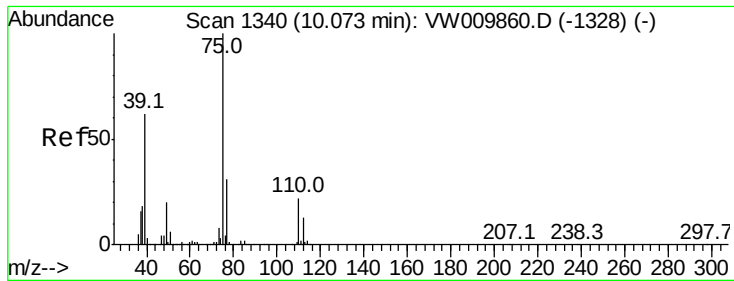


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.566 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 10 Apr 2019 08:44

Instrument :

MSVOA_W

ClientSampleId :

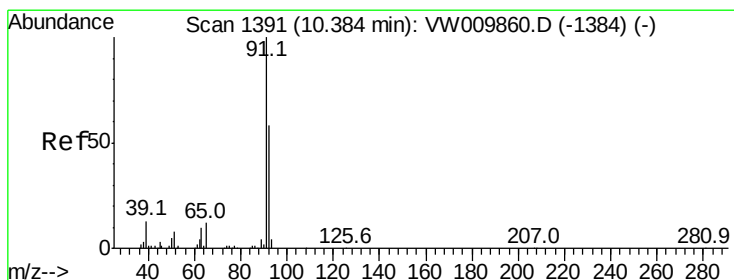
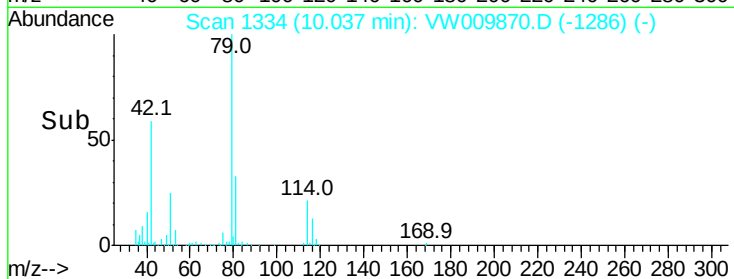
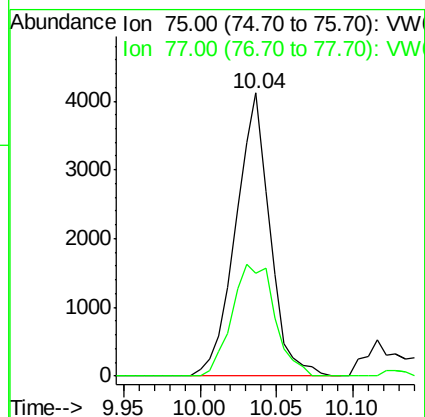
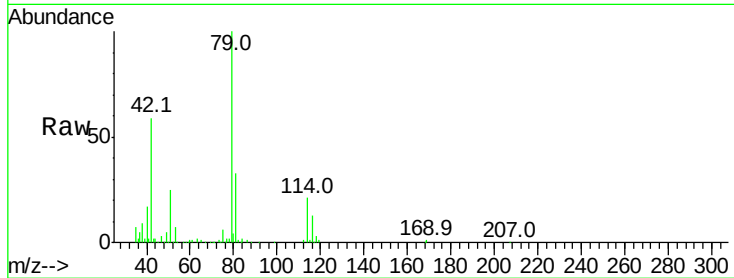
DB6Z2

Tgt Ion: 75 Resp: 6384

Ion Ratio Lower Upper

75 100

77 36.3 21.0 39.0



#44

Toluene

Concen: 0.444 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009870.D

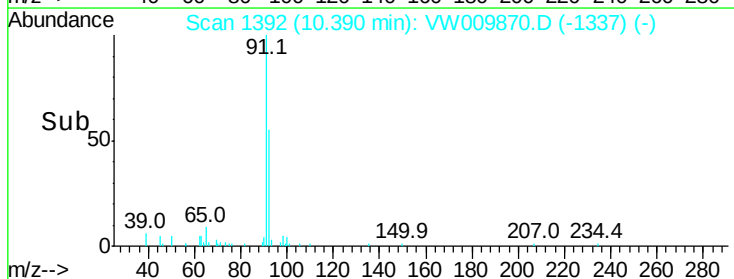
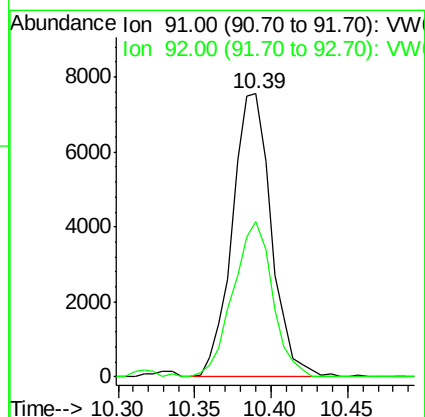
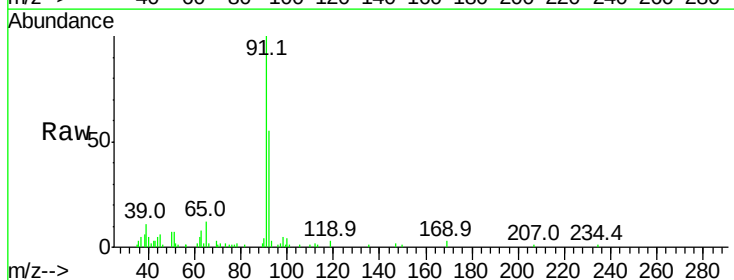
Acq: 10 Apr 2019 08:44

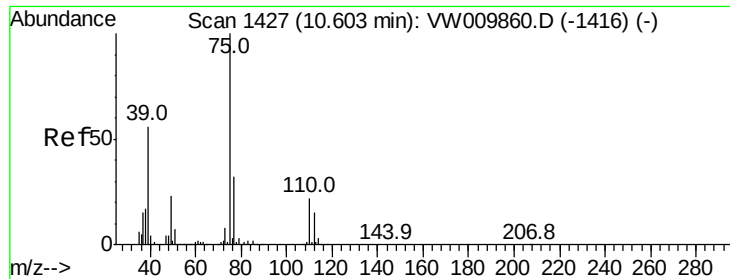
Tgt Ion: 91 Resp: 13377

Ion Ratio Lower Upper

91 100

92 54.7 40.5 75.1





#45

trans-1,3-Dichloropropene

Concen: 0.465 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009870.D

Acq: 10 Apr 2019 08:44

Instrument :

MSVOA_W

ClientSampleId :

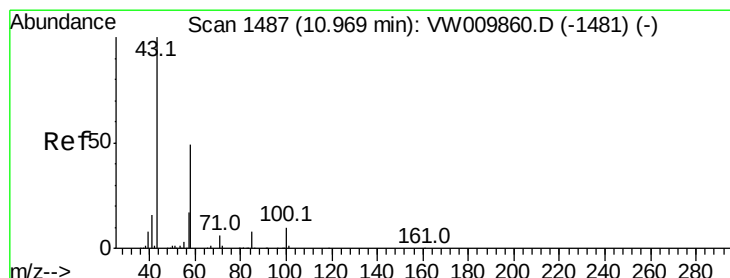
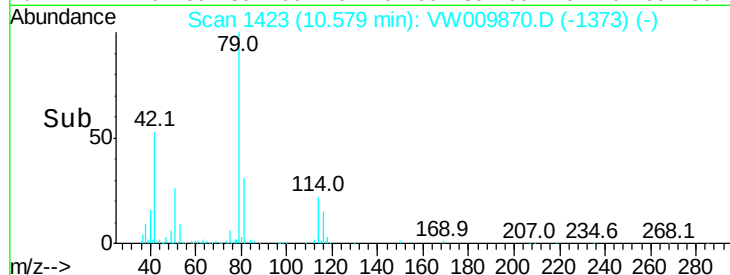
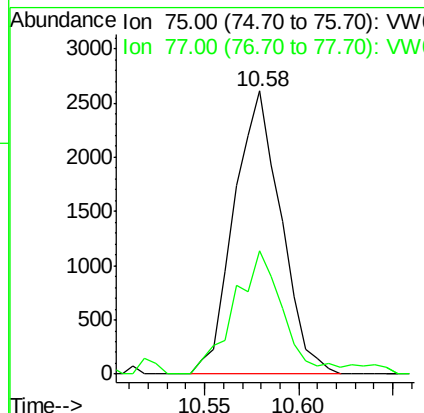
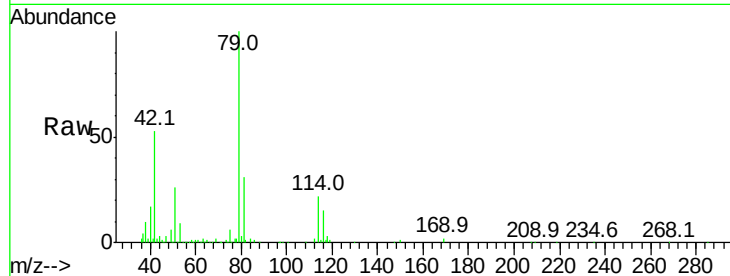
DB6Z2

Tgt Ion: 75 Resp: 4518

Ion Ratio Lower Upper

75 100

77 43.6 21.1 39.3#



#49

2-Hexanone

Concen: 3.088 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009870.D

Acq: 10 Apr 2019 08:44

Tgt Ion: 43 Resp: 12999

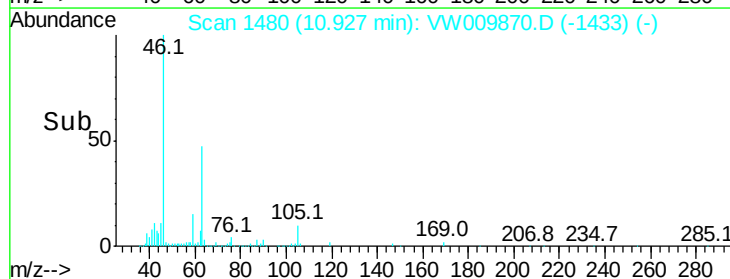
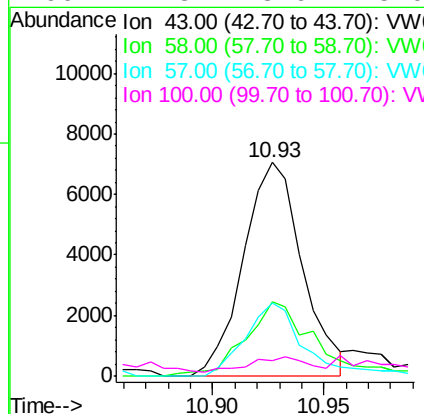
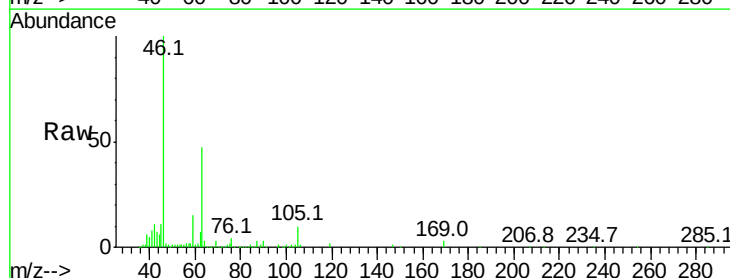
Ion Ratio Lower Upper

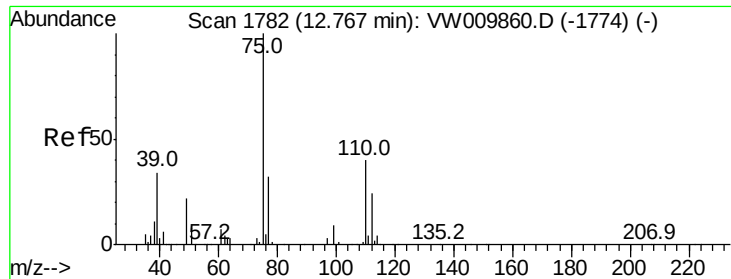
43 100

58 32.3 38.9 58.3#

57 34.6 13.8 20.6#

100 7.3 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 5.163 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009870.D

Acq: 10 Apr 2019 08:44

Instrument :

MSVOA_W

ClientSampleId :

DB6Z2

Tgt Ion: 75 Resp: 28234

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.2

