

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009765.D
 Acq On : 06 Apr 2019 11:51
 Operator : SY/VA
 Sample : K2259-03
 Misc : 4.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ42

Quant Time: Apr 07 03:59:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	270546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	193297	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44011	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77383	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	2.89	69	86398	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	4.01	63	151076	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.36%
20) 2-Butanone-d5	7.08	46	39939	34.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.50%
24) Chloroform-d	7.65	84	230877	31.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.08%
26) 1,2-Dichloroethane-d4	8.49	65	43	0.01	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	389311	38.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.48%#
33) 1,2-Dichloropropane-d6	9.27	67	134245	42.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	171.32%#
37) Toluene-d8	10.32	98	284908	30.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.48%
38) trans-1,3-Dichloropropene-	10.58	79	34827	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.20%
39) 2-Hexanone-d5	10.93	63	24968	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111141	38.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	45626	29.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.16%

Target Compounds

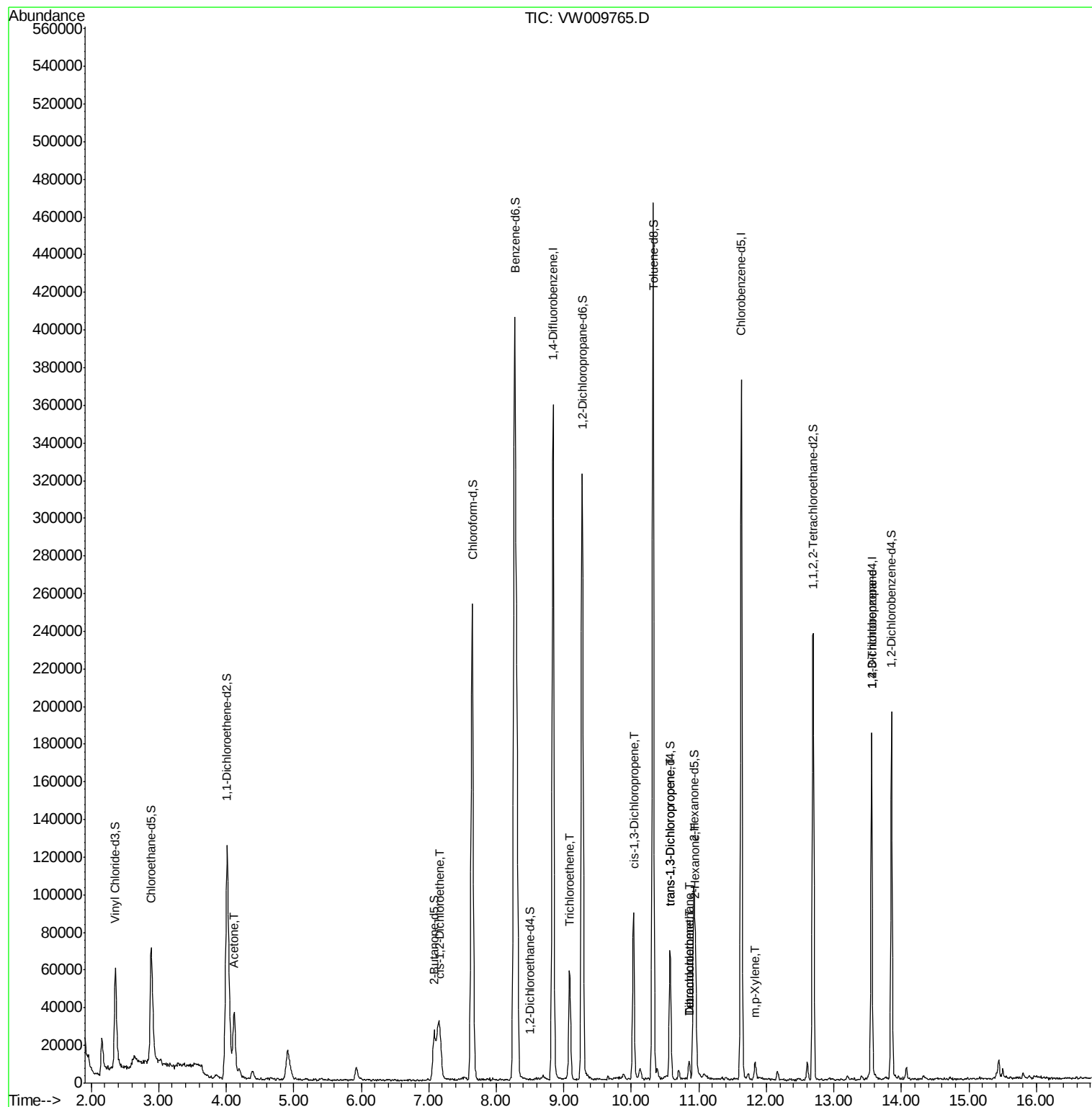
					Qvalue
13) Acetone	4.12	43	58529	47.522	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	3012	0.754	ug/L 90
35) Trichloroethene	9.09	95	17684	5.810	ug/L 97
42) cis-1,3-Dichloropropene	10.04	75	2653	0.575	ug/L # 79
45) trans-1,3-Dichloropropene	10.58	75	1844	0.464	ug/L # 66
47) Tetrachloroethene	10.85	164	1649	0.688	ug/L 90
49) 2-Hexanone	10.96	43	37271	21.646	ug/L # 42
50) Dibromochloromethane	10.87	129	1686	0.614	ug/L # 22
54) m,p-Xylene	11.83	106	2076	0.400	ug/L 98
59) 1,2,3-Trichloropropane	13.56	75	6284	2.809	ug/L 89

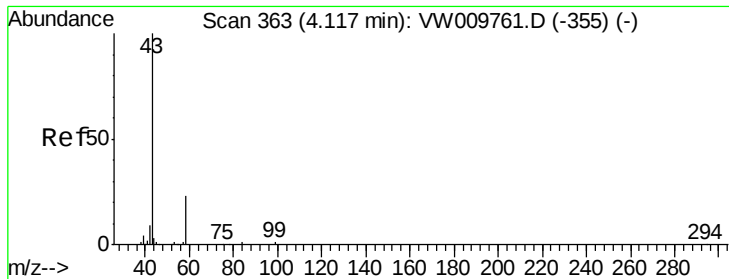
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 47.522 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

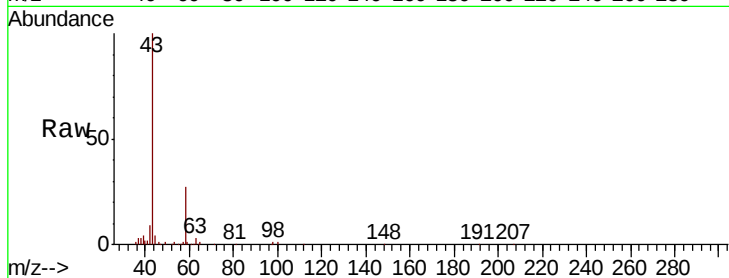
ETJ42

Tgt Ion: 43 Resp: 58529

Ion Ratio Lower Upper

43 100

58 26.2 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

25000

20000

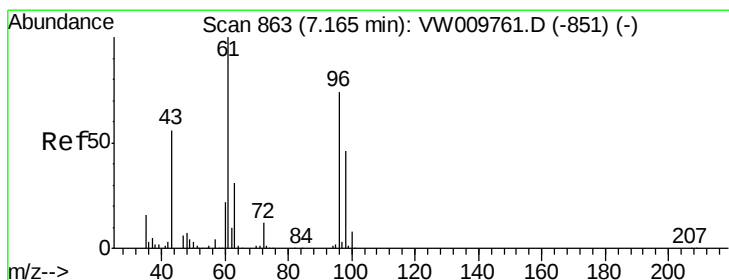
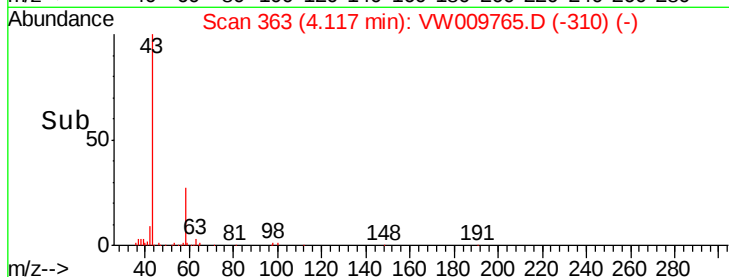
15000

10000

5000

0

Time--> 4.00 4.05 4.10 4.15 4.20



#22

cis-1,2-Dichloroethene

Concen: 0.754 ug/L

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

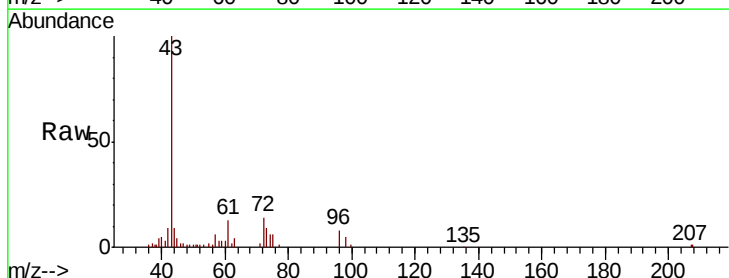
Tgt Ion: 96 Resp: 3012

Ion Ratio Lower Upper

96 100

61 150.3 96.8 179.8

98 55.4 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

2000

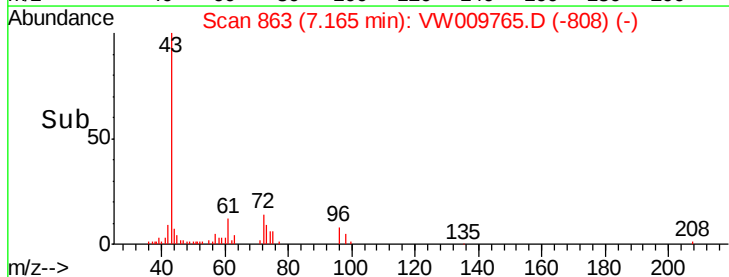
1500

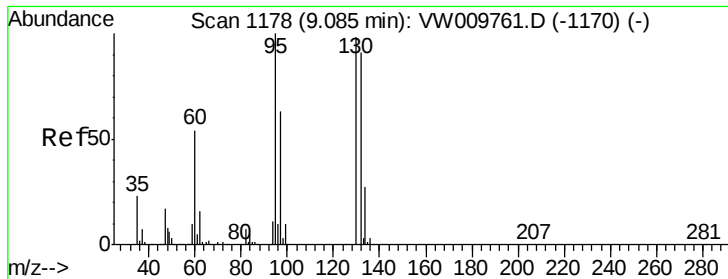
1000

500

0

Time--> 7.10 7.15 7.20





#35

Trichloroethene

Concen: 5.810 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

ETJ42

Tgt Ion: 95 Resp: 17684

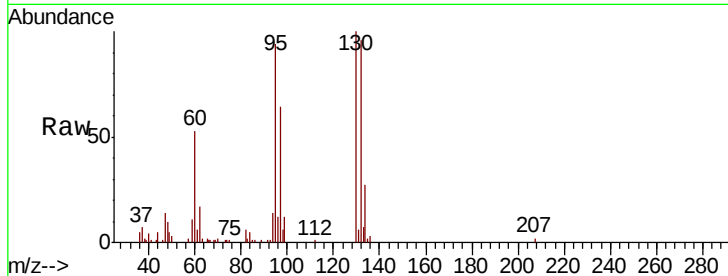
Ion Ratio Lower Upper

95 100

97 66.1 44.9 83.5

132 99.4 67.1 124.7

130 101.7 69.2 128.6

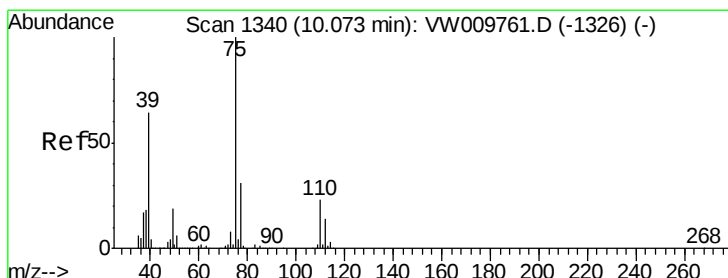
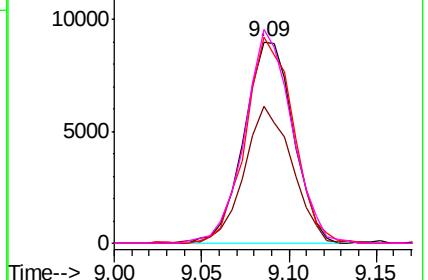
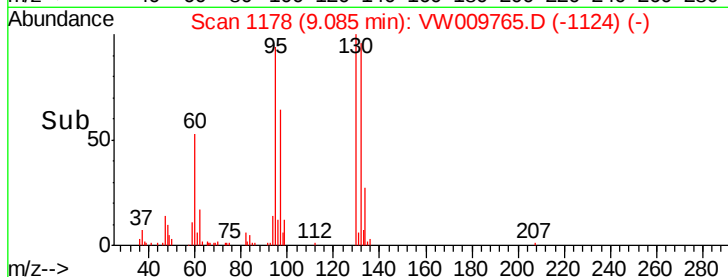


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009765.D

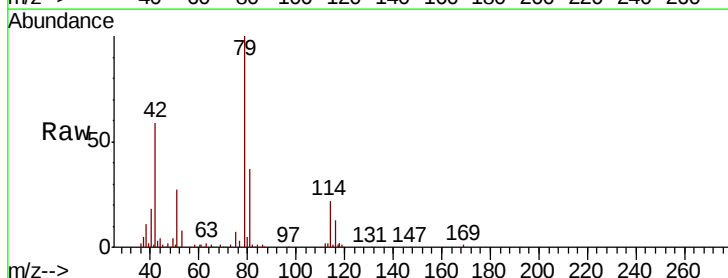
Acq: 06 Apr 2019 11:51

Tgt Ion: 75 Resp: 2653

Ion Ratio Lower Upper

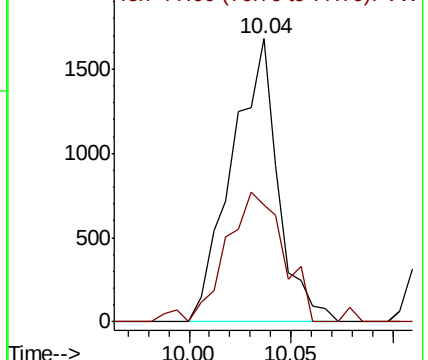
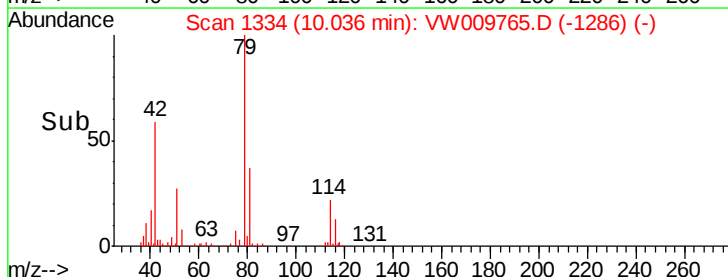
75 100

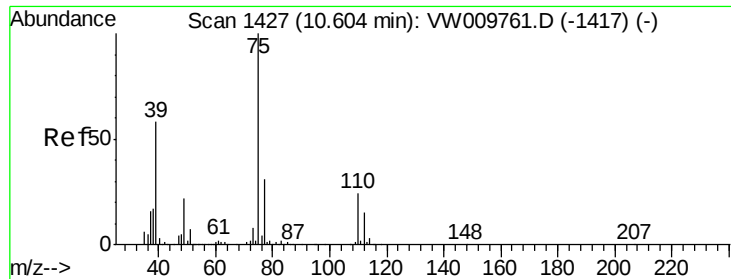
77 41.4 21.0 39.0#



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: 0.464 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Instrument :

MSVOA_W

ClientSampled :

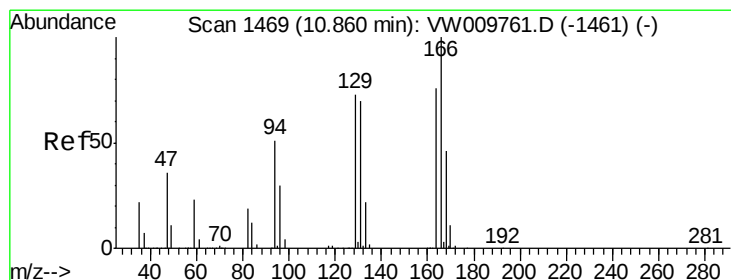
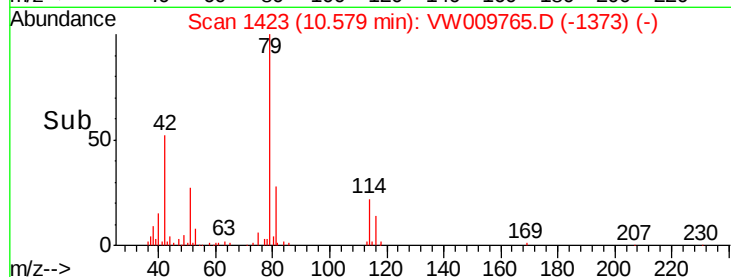
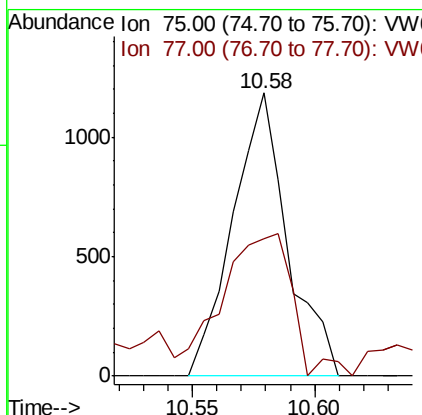
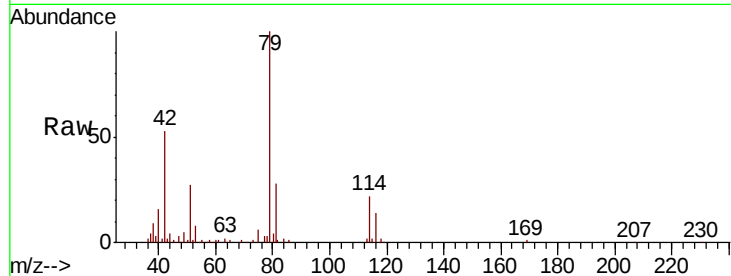
ETJ42

Tgt Ion: 75 Resp: 1844

Ion Ratio Lower Upper

75 100

77 48.7 21.1 39.3#



#47

Tetrachloroethene

Concen: 0.688 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.01 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Tgt Ion: 164 Resp: 1649

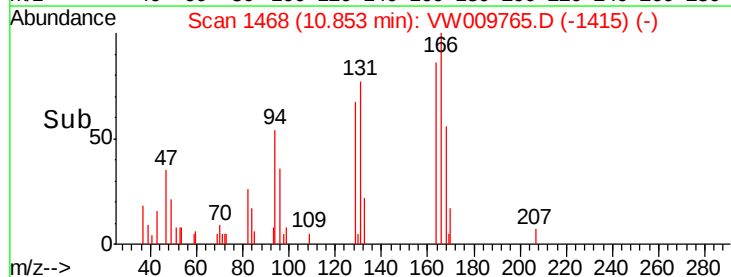
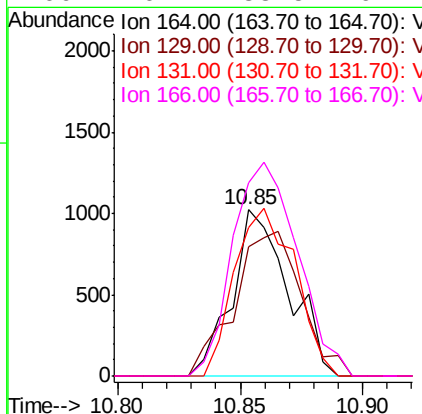
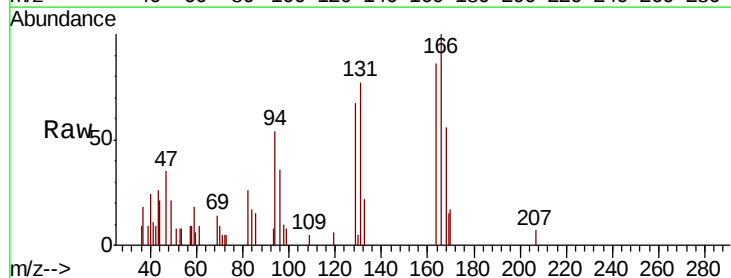
Ion Ratio Lower Upper

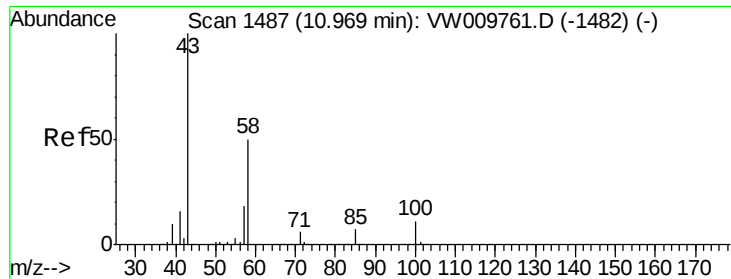
164 100

129 77.8 68.9 127.9

131 89.2 63.1 117.1

166 116.2 88.5 164.4





#49

2-Hexanone

Concen: 21.646 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

ETJ42

Tgt Ion: 43 Resp: 37271

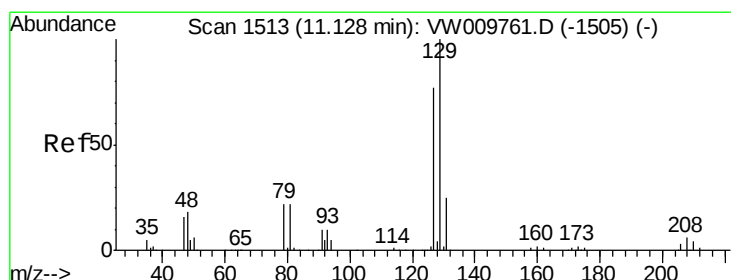
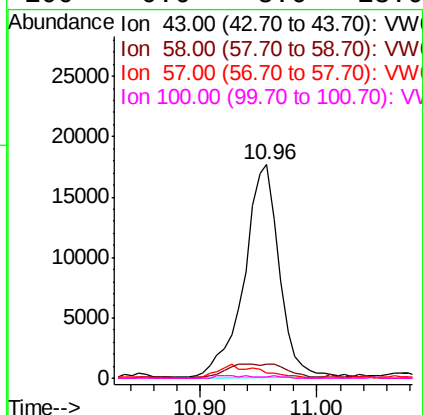
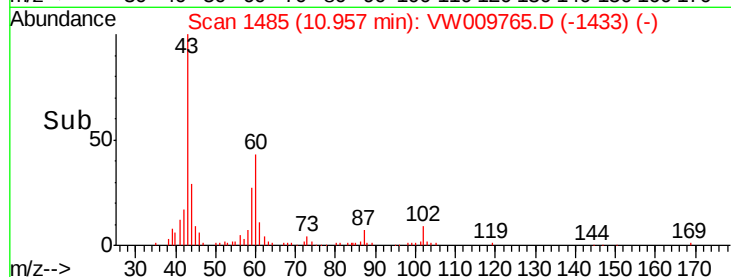
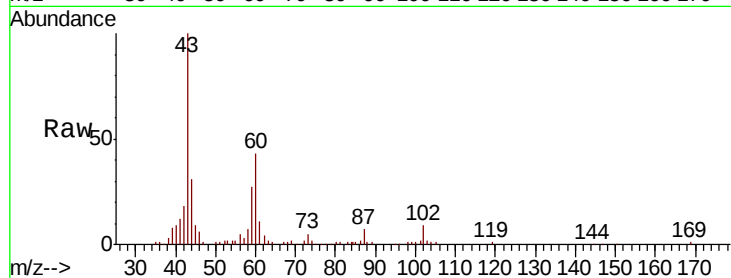
Ion Ratio Lower Upper

43 100

58 0.4 38.9 58.3#

57 0.2 13.8 20.6#

100 0.6 8.6 13.0#



#50

Dibromochloromethane

Concen: 0.614 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW009765.D

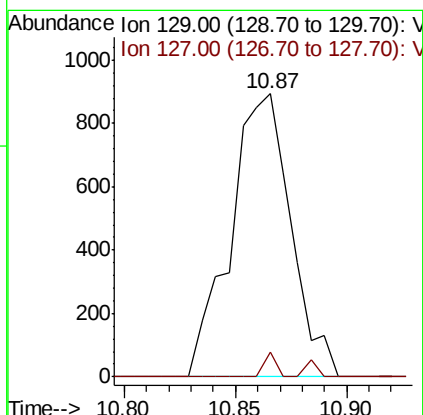
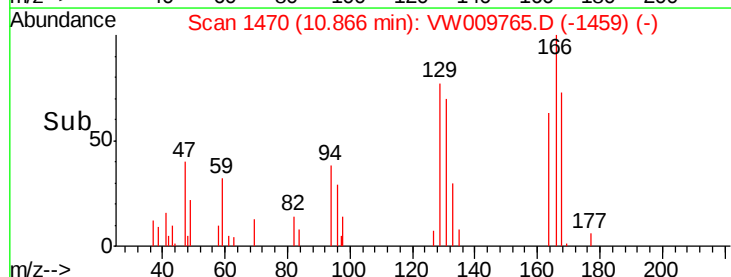
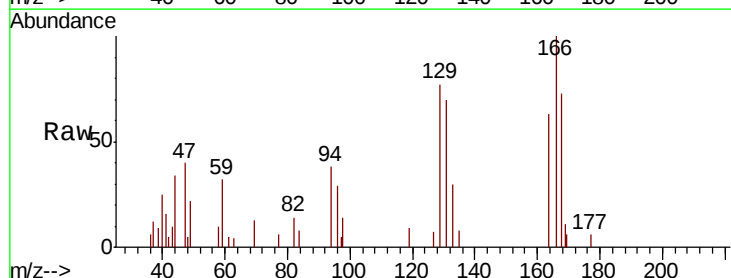
Acq: 06 Apr 2019 11:51

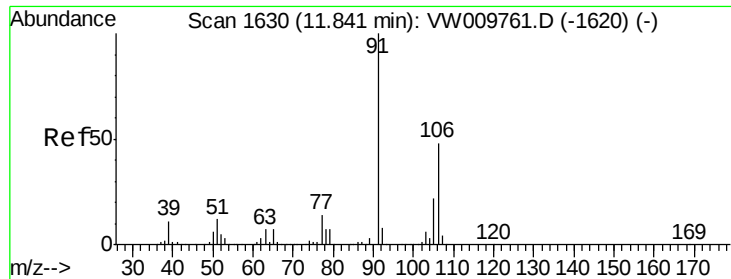
Tgt Ion: 129 Resp: 1686

Ion Ratio Lower Upper

129 100

127 9.0 53.0 98.4#





#54

m,p-Xylene

Concen: 0.400 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW009765.D

Acq: 06 Apr 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

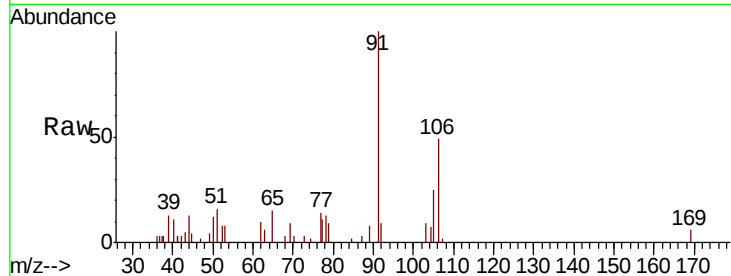
ETJ42

Tgt Ion:106 Resp: 2076

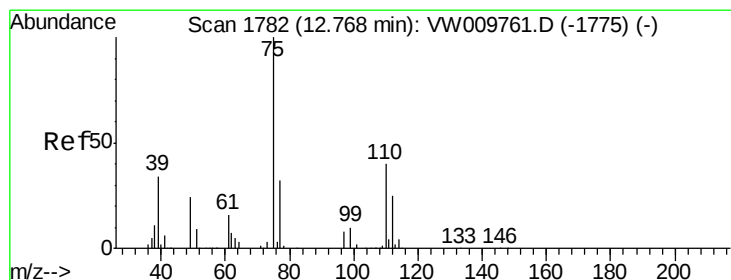
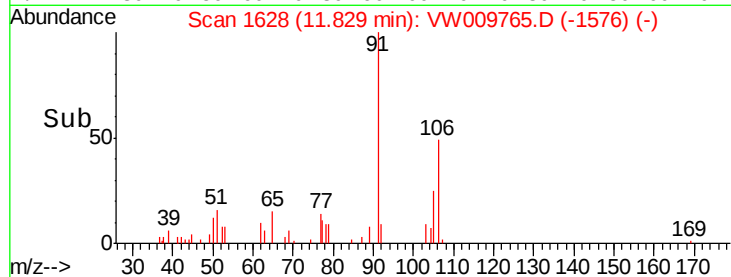
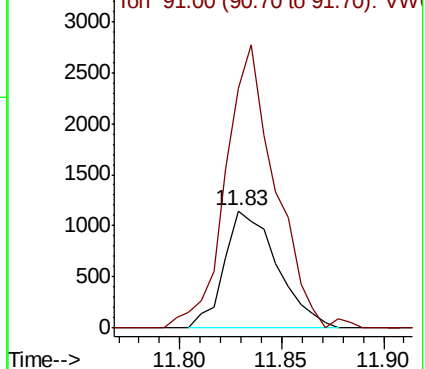
Ion Ratio Lower Upper

106 100

91 204.2 145.3 269.9



Abundance Ion 106.00 (105.70 to 106.70): VW



#59

1,2,3-Trichloropropane

Concen: 2.809 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009765.D

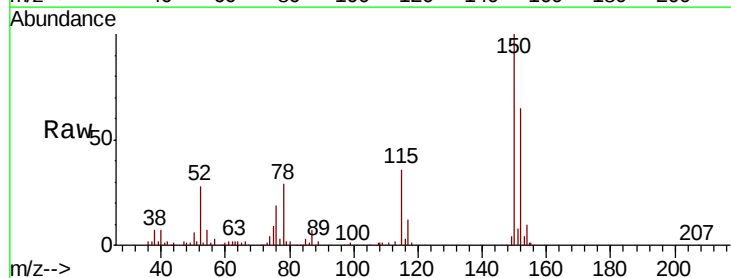
Acq: 06 Apr 2019 11:51

Tgt Ion: 75 Resp: 6284

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

