

Data File : VW009650.D
Acq On : 02 Apr 2019 12:16
Operator : SY/VA
Sample : K2119-07
Misc : 5.67G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5C2

Quant Time: Apr 03 04:11:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 04:08:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	470191	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122345	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115557	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.28%
7) Chloroethane-d5	2.89	69	112054	17.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.16%
10) 1,1-Dichloroethene-d2	4.01	63	183034	15.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.28%
20) 2-Butanone-d5	7.07	46	86243	37.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.22%
24) Chloroform-d	7.64	84	266039	20.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.92%
26) 1,2-Dichloroethane-d4	8.30	65	169857	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.88%
29) Benzene-d6	8.27	84	463973	21.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.60%
33) 1,2-Dichloropropane-d6	9.27	67	152596	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.72%
37) Toluene-d8	10.32	98	375592	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.96%
38) trans-1,3-Dichloropropene-	10.57	79	62185	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.04%
39) 2-Hexanone-d5	10.93	63	55954	35.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129309	20.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	89692	19.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.48%

Target Compounds

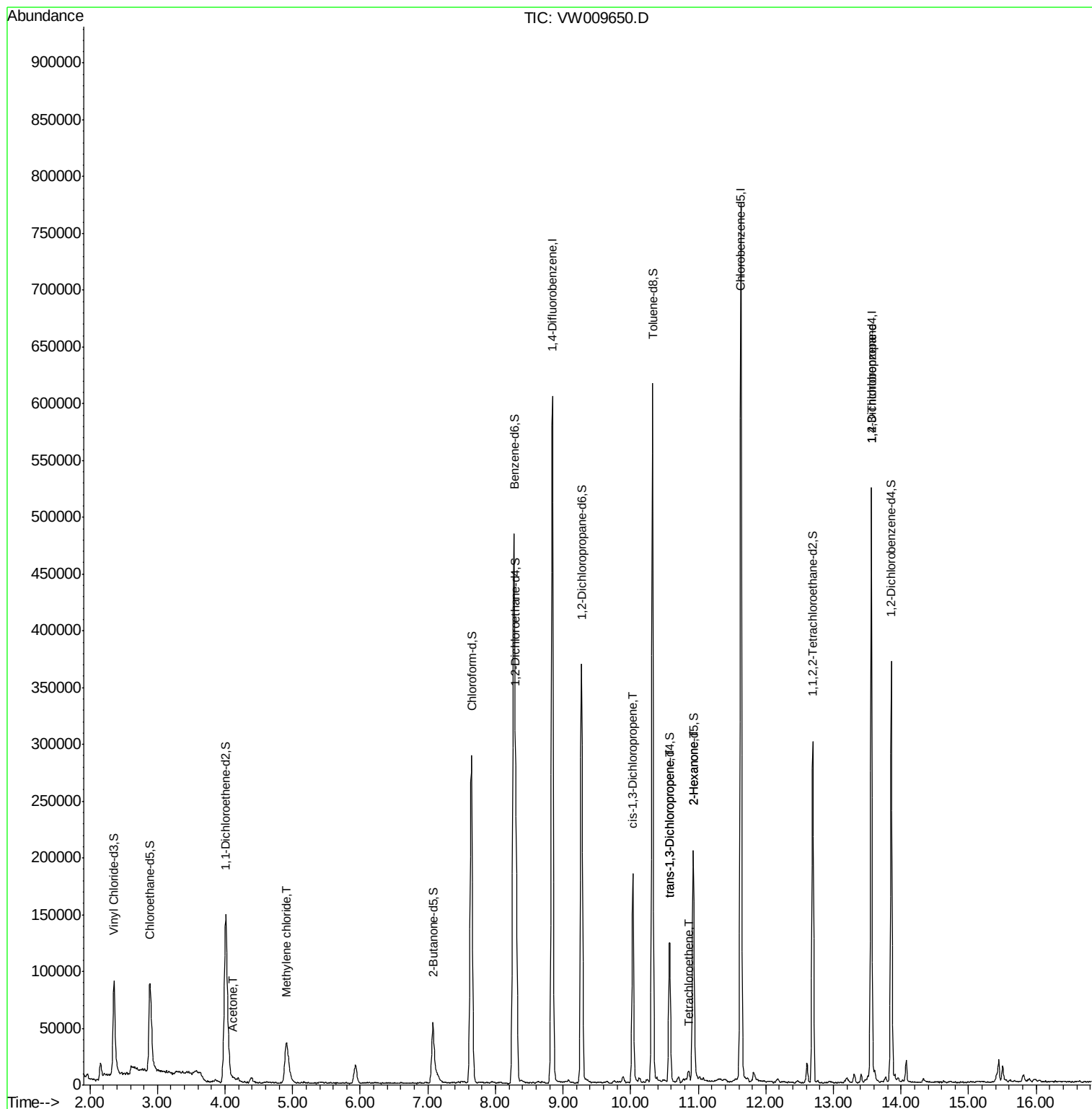
					Qvalue
13) Acetone	4.12	43	1765	0.926 ug/L	80
16) Methylene chloride	4.91	84	32311	4.712 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	4885	0.543 ug/L	94
45) trans-1,3-Dichloropropene	10.57	75	3637	0.465 ug/L	84
47) Tetrachloroethene	10.86	164	1566	0.323 ug/L	82
49) 2-Hexanone	10.93	43	12130	3.442 ug/L #	74
59) 1,2,3-Trichloropropane	13.56	75	17567	3.983 ug/L	92

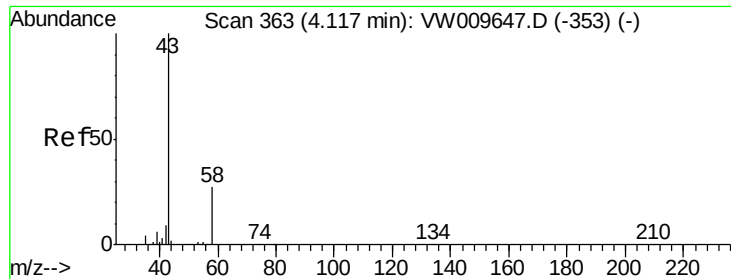
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.926 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009650.D

Acq: 02 Apr 2019 12:16

Instrument :

MSVOA_W

ClientSampled :

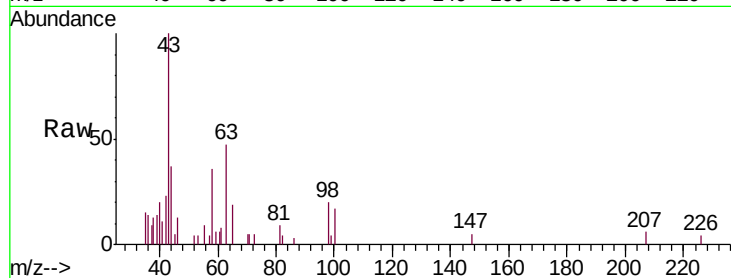
BF5C2

Tgt Ion: 43 Resp: 1765

Ion Ratio Lower Upper

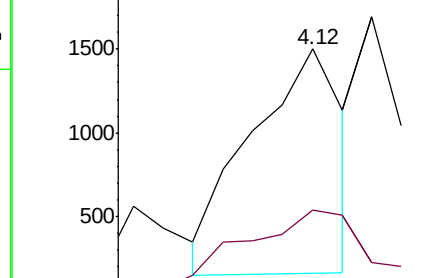
43 100

58 17.6 0.0 56.2

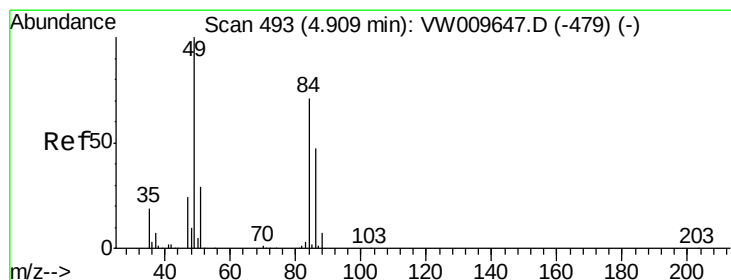
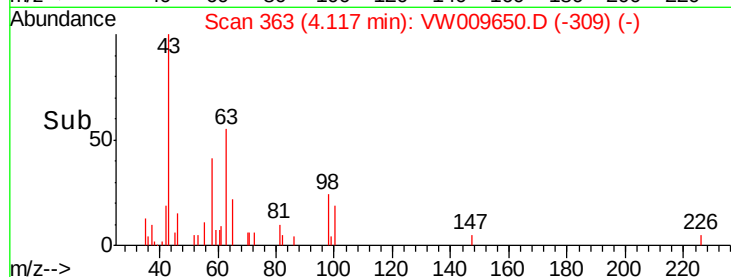


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 4.712 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW009650.D

Acq: 02 Apr 2019 12:16

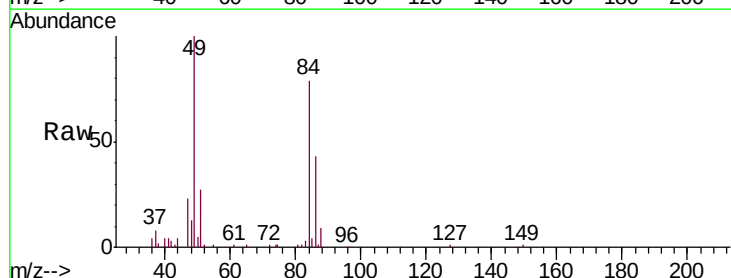
Tgt Ion: 84 Resp: 32311

Ion Ratio Lower Upper

84 100

49 126.7 96.0 178.2

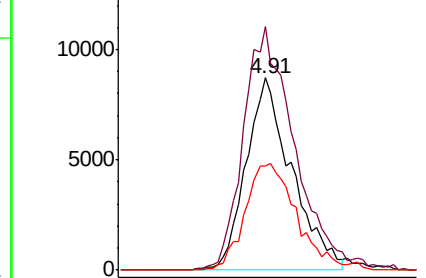
86 54.3 44.4 82.5



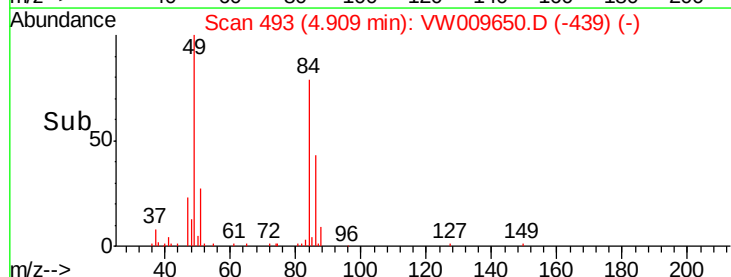
Abundance Ion 84.00 (83.70 to 84.70): VW

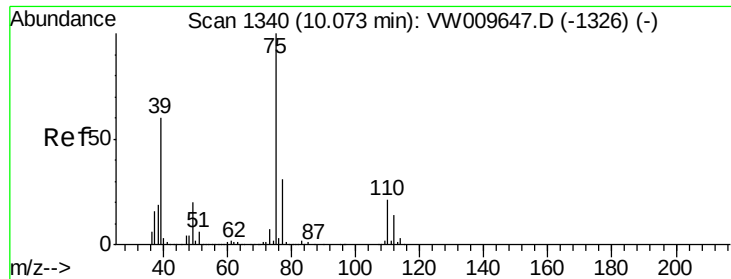
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->

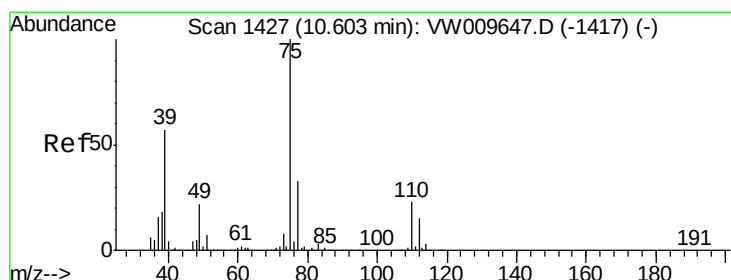
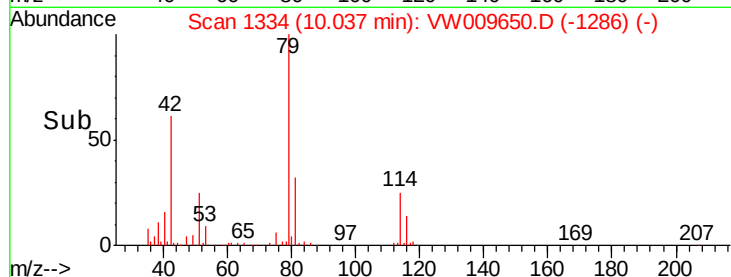
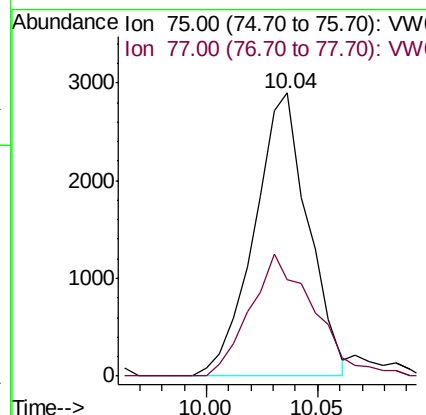
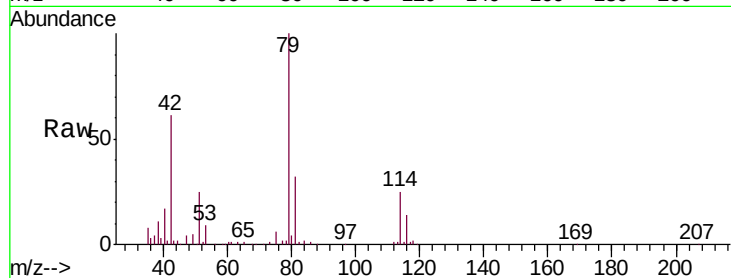




#42
cis-1,3-Dichloropropene
Concen: 0.543 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009650.D
Acq: 02 Apr 2019 12:16

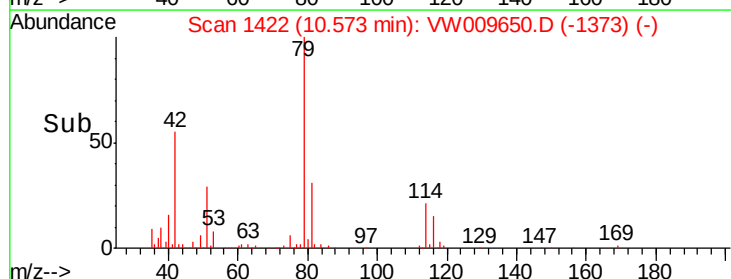
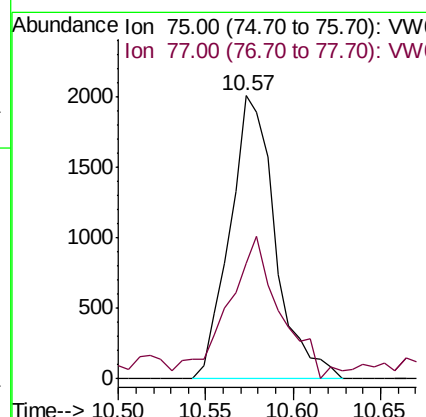
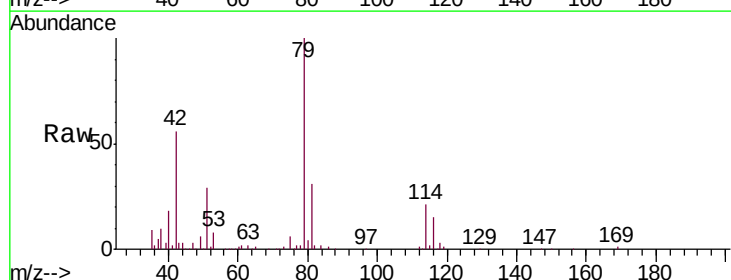
Instrument :
MSVOA_W
ClientSampleId :
BF5C2

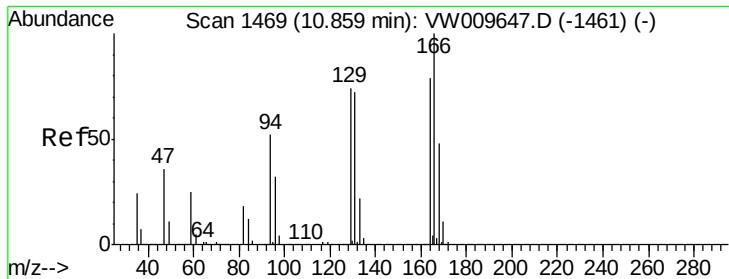
Tgt Ion: 75 Resp: 4885
Ion Ratio Lower Upper
75 100
77 34.0 21.6 40.2



#45
trans-1,3-Dichloropropene
Concen: 0.465 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009650.D
Acq: 02 Apr 2019 12:16

Tgt Ion: 75 Resp: 3637
Ion Ratio Lower Upper
75 100
77 40.8 22.5 41.7





#47

Tetrachloroethene

Concen: 0.323 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009650.D

Acq: 02 Apr 2019 12:16

Instrument :

MSVOA_W

ClientSampleId :

BF5C2

Tgt Ion:164 Resp: 1566

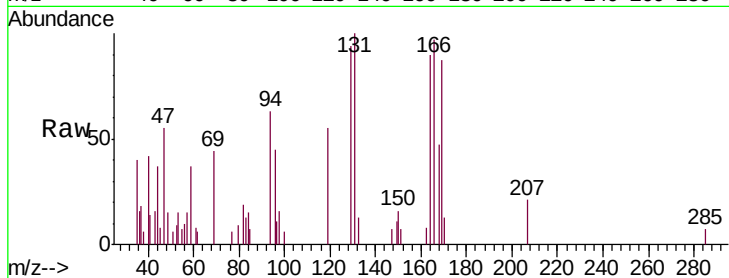
Ion Ratio Lower Upper

164 100

129 104.9 66.5 123.5

131 111.2 62.6 116.3

166 107.6 91.6 170.0

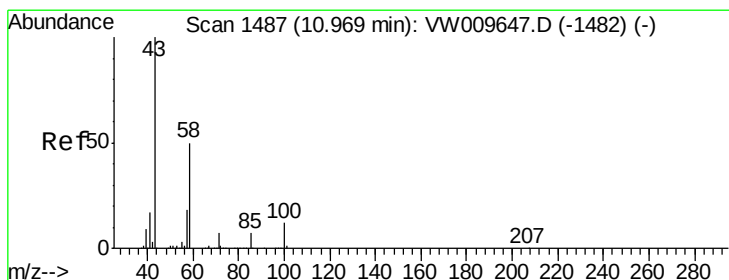
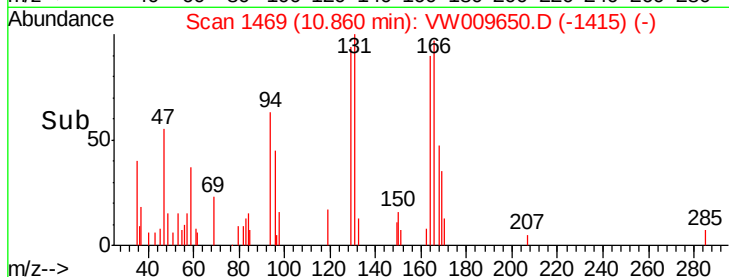
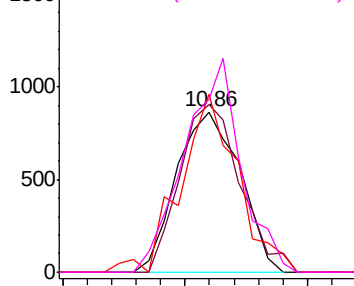


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 3.442 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW009650.D

Acq: 02 Apr 2019 12:16

Tgt Ion: 43 Resp: 12130

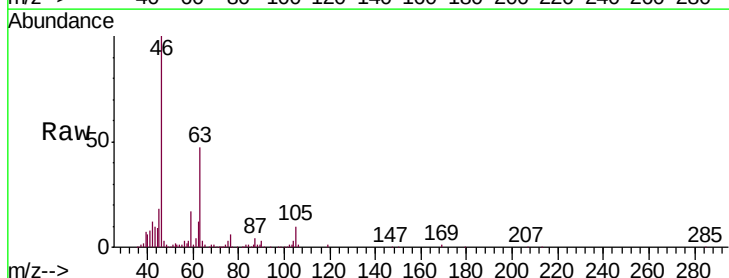
Ion Ratio Lower Upper

43 100

58 28.9 39.2 58.8#

57 25.1 14.2 21.2#

100 2.3 8.9 13.3#

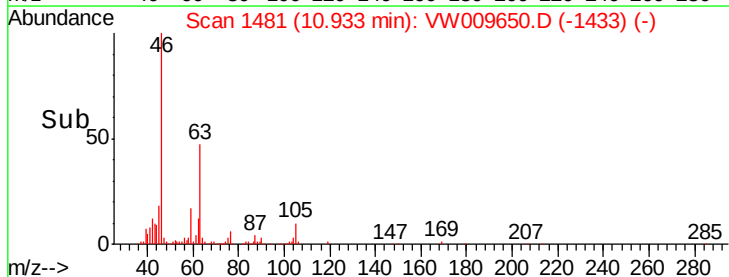
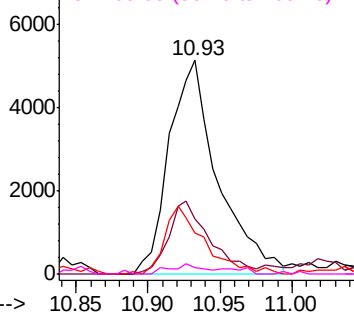


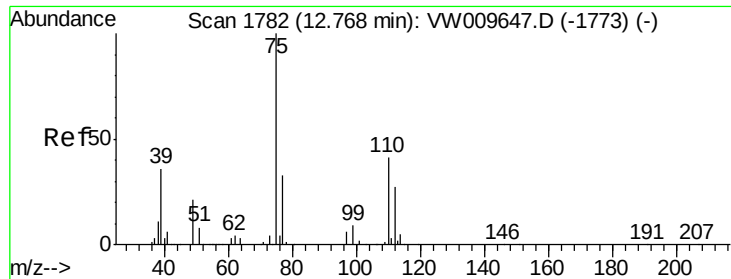
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#59

1,2,3-Trichloropropane

Concen: 3.983 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009650.D

Acq: 02 Apr 2019 12:16

Instrument :

MSVOA_W

ClientSampleId :

BF5C2

Tgt Ion: 75 Resp: 17567

Ion Ratio Lower Upper

75 100

77 37.4 26.2 39.2

