

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009713.D
 Acq On : 05 Apr 2019 05:42
 Operator : SY/VA
 Sample : K2276-11
 Misc : 5.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF138

Quant Time: Apr 05 07:43:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408040	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	399429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165985	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	143915	26.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.80%
7) Chloroethane-d5	2.89	69	134675	27.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.12%
10) 1,1-Dichloroethene-d2	4.01	63	240014	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.60%
20) 2-Butanone-d5	7.08	46	79864	46.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.14%
24) Chloroform-d	7.64	84	322049	28.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.68%
26) 1,2-Dichloroethane-d4	8.30	65	193405	28.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.16%
29) Benzene-d6	8.27	84	605337	28.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.48%
33) 1,2-Dichloropropane-d6	9.27	67	185926	28.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.84%
37) Toluene-d8	10.32	98	546125	28.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.68%
38) trans-1,3-Dichloropropene-	10.58	79	76466	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.93	63	54709	44.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143099	23.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	186537	32.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	128.12%#

Target Compounds

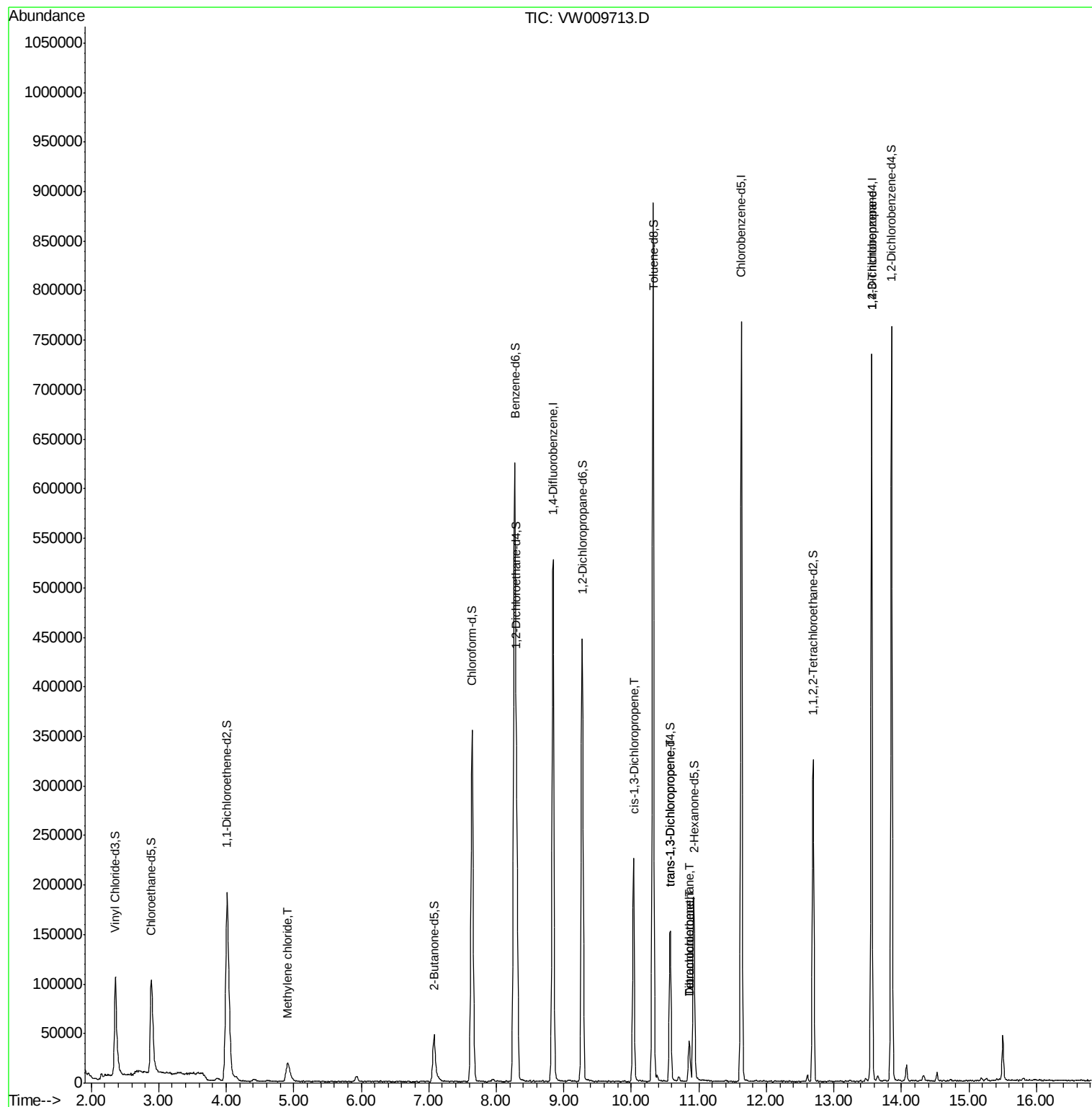
					Qvalue
16) Methylene chloride	4.91	84	8050	1.119 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	6285	0.659 ug/L #	72
45) trans-1,3-Dichloropropene	10.58	75	4359	0.531 ug/L #	73
47) Tetrachloroethene	10.86	164	8310	1.678 ug/L	96
50) Dibromochloromethane	10.86	129	7904	1.393 ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	22364	4.839 ug/L	89

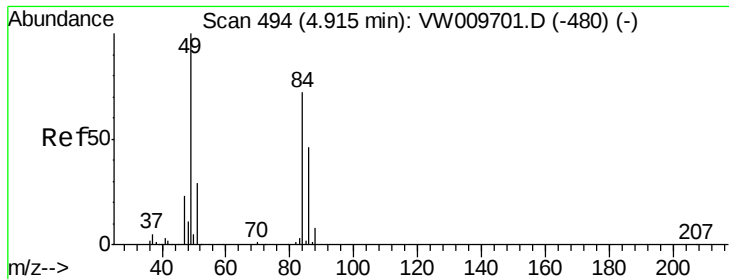
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 05:32:00 2019
Response via : Initial Calibration

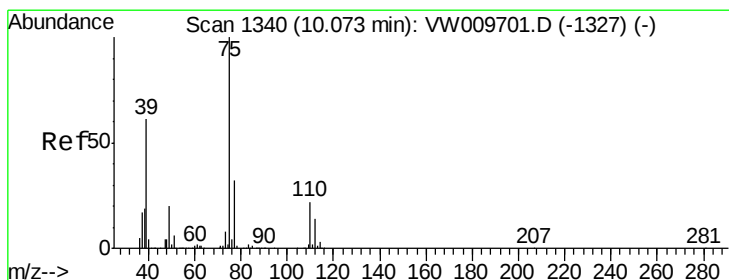
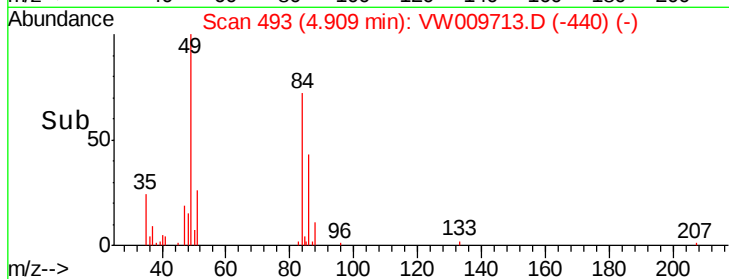
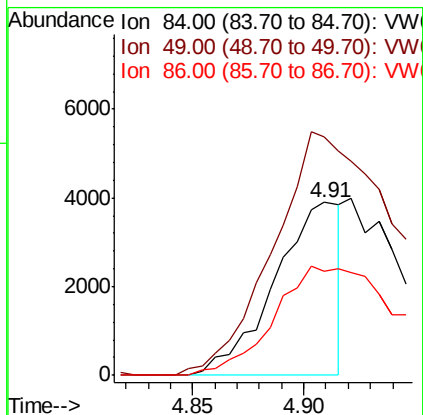
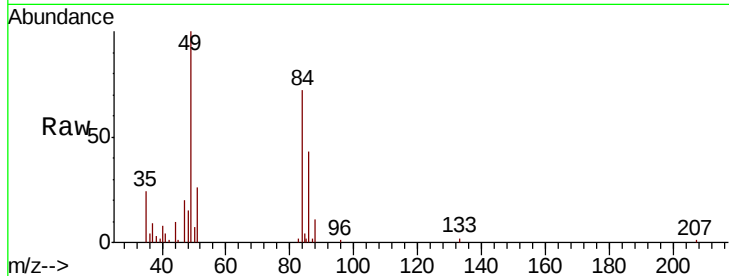




#16
Methylene chloride
Concen: 1.119 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009713.D
Acq: 05 Apr 2019 05:42

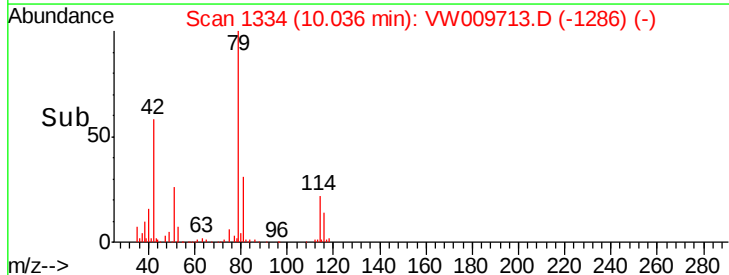
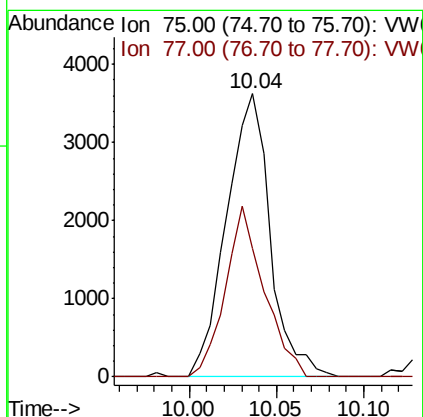
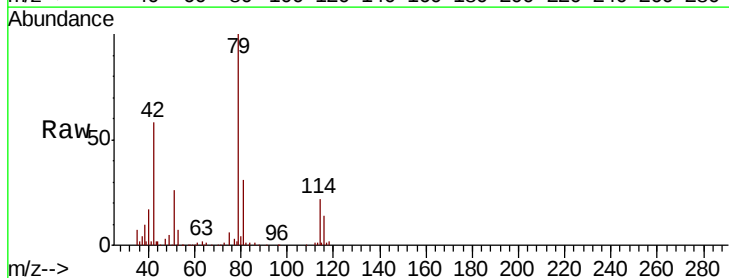
Instrument :
MSVOA_W
ClientSampled :
BF138

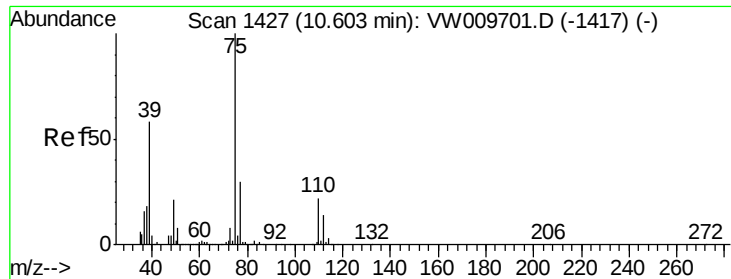
Tgt Ion: 84 Resp: 8050
Ion Ratio Lower Upper
84 100
49 138.1 98.3 182.5
86 60.0 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.659 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009713.D
Acq: 05 Apr 2019 05:42

Tgt Ion: 75 Resp: 6285
Ion Ratio Lower Upper
75 100
77 45.3 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.531 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009713.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_W

ClientSampleId :

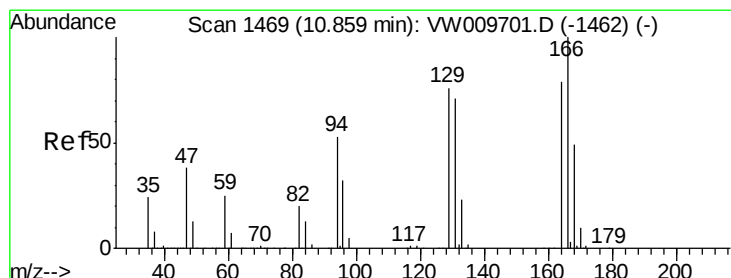
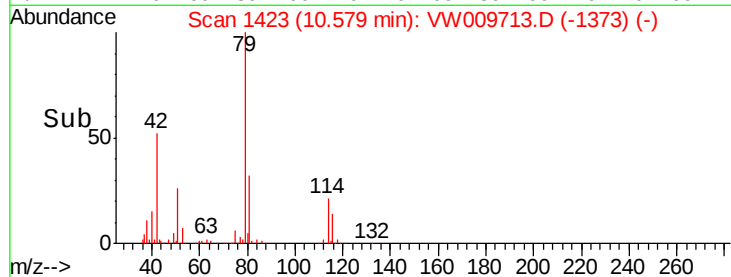
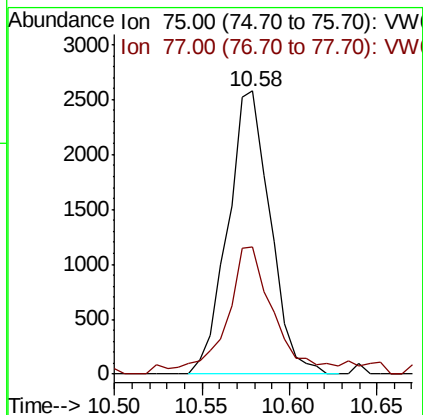
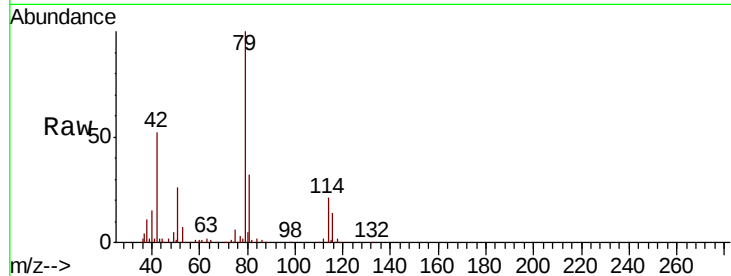
BF138

Tgt Ion: 75 Resp: 4359

Ion Ratio Lower Upper

75 100

77 44.9 21.1 39.3#



#47

Tetrachloroethene

Concen: 1.678 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009713.D

Acq: 05 Apr 2019 05:42

Tgt Ion: 164 Resp: 8310

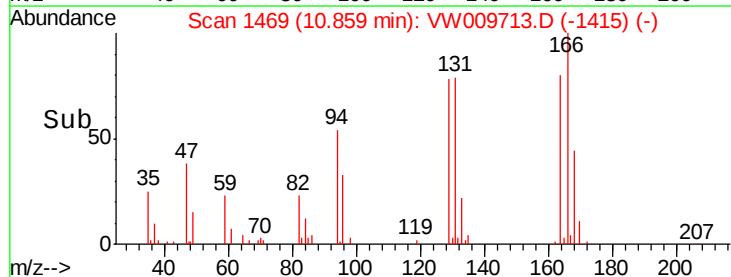
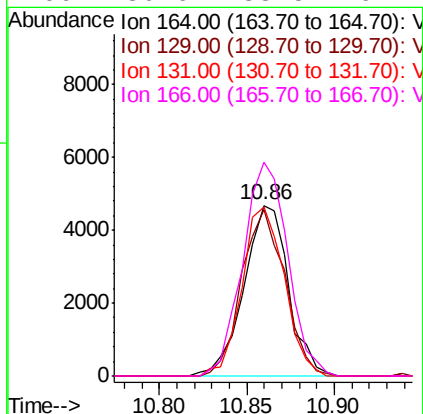
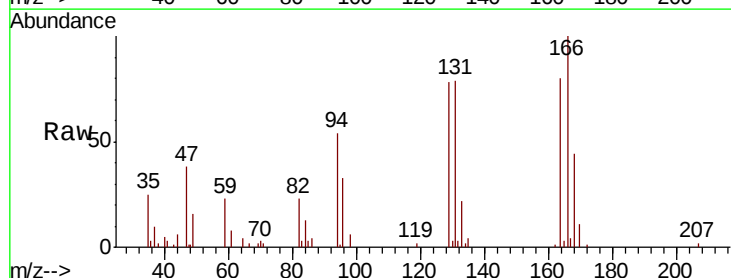
Ion Ratio Lower Upper

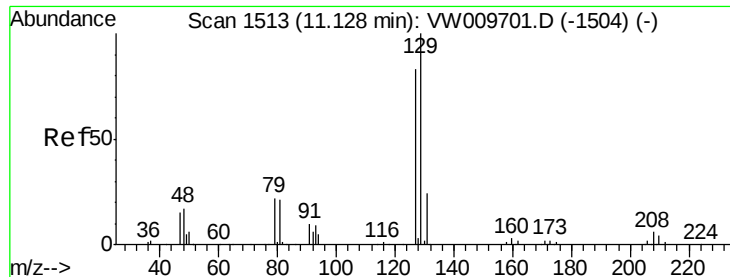
164 100

129 97.7 68.9 127.9

131 99.3 63.1 117.1

166 130.6 88.5 164.4





#50

Dibromochloromethane

Concen: 1.393 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009713.D

Acq: 05 Apr 2019 05:42

Instrument :

MSVOA_W

ClientSampleId :

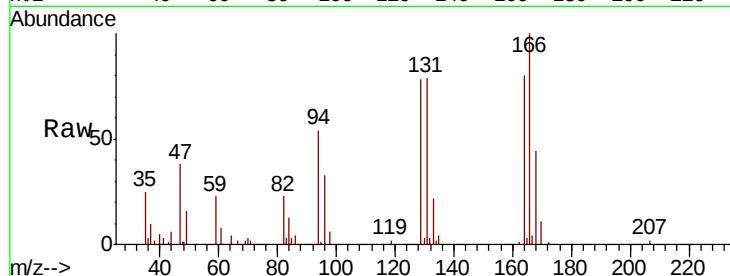
BF138

Tgt Ion:129 Resp: 7904

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.86

4000

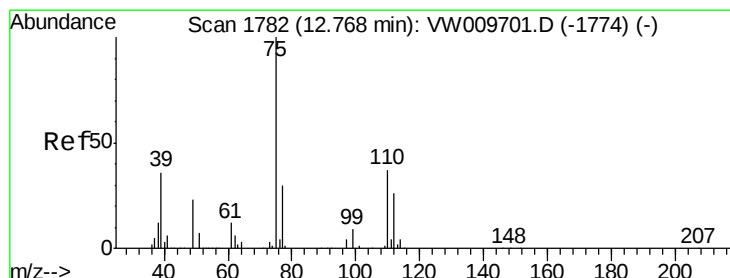
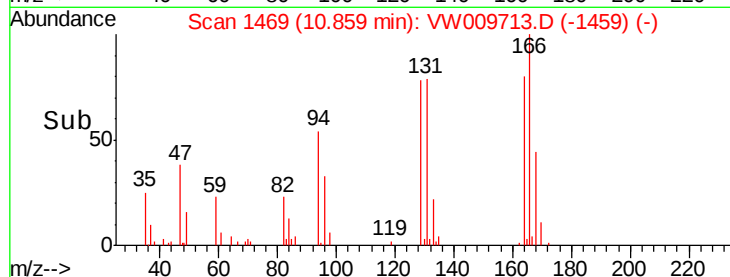
3000

2000

1000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.839 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009713.D

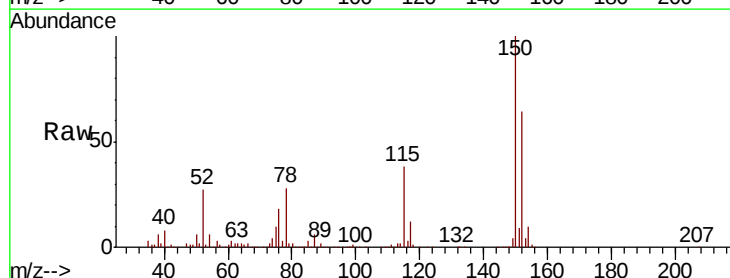
Acq: 05 Apr 2019 05:42

Tgt Ion: 75 Resp: 22364

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

15000

10000

5000

0

Time-->

