

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009711.D
 Acq On : 05 Apr 2019 04:47
 Operator : SY/VA
 Sample : K2276-09
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF136

Quant Time: Apr 05 05:43:44 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	398123	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	388865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163322	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127448	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
7) Chloroethane-d5	2.89	69	112881	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
10) 1,1-Dichloroethene-d2	4.01	63	215622	19.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.00%
20) 2-Butanone-d5	7.07	46	71475	42.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.52%
24) Chloroform-d	7.65	84	267441	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.30	65	164717	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
29) Benzene-d6	8.27	84	500448	24.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.08%
33) 1,2-Dichloropropane-d6	9.27	67	152323	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.64%
37) Toluene-d8	10.32	98	446116	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.56%
38) trans-1,3-Dichloropropene-	10.57	79	63615	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.60%
39) 2-Hexanone-d5	10.93	63	49116	41.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124135	21.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	153804	26.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.36%

Target Compounds

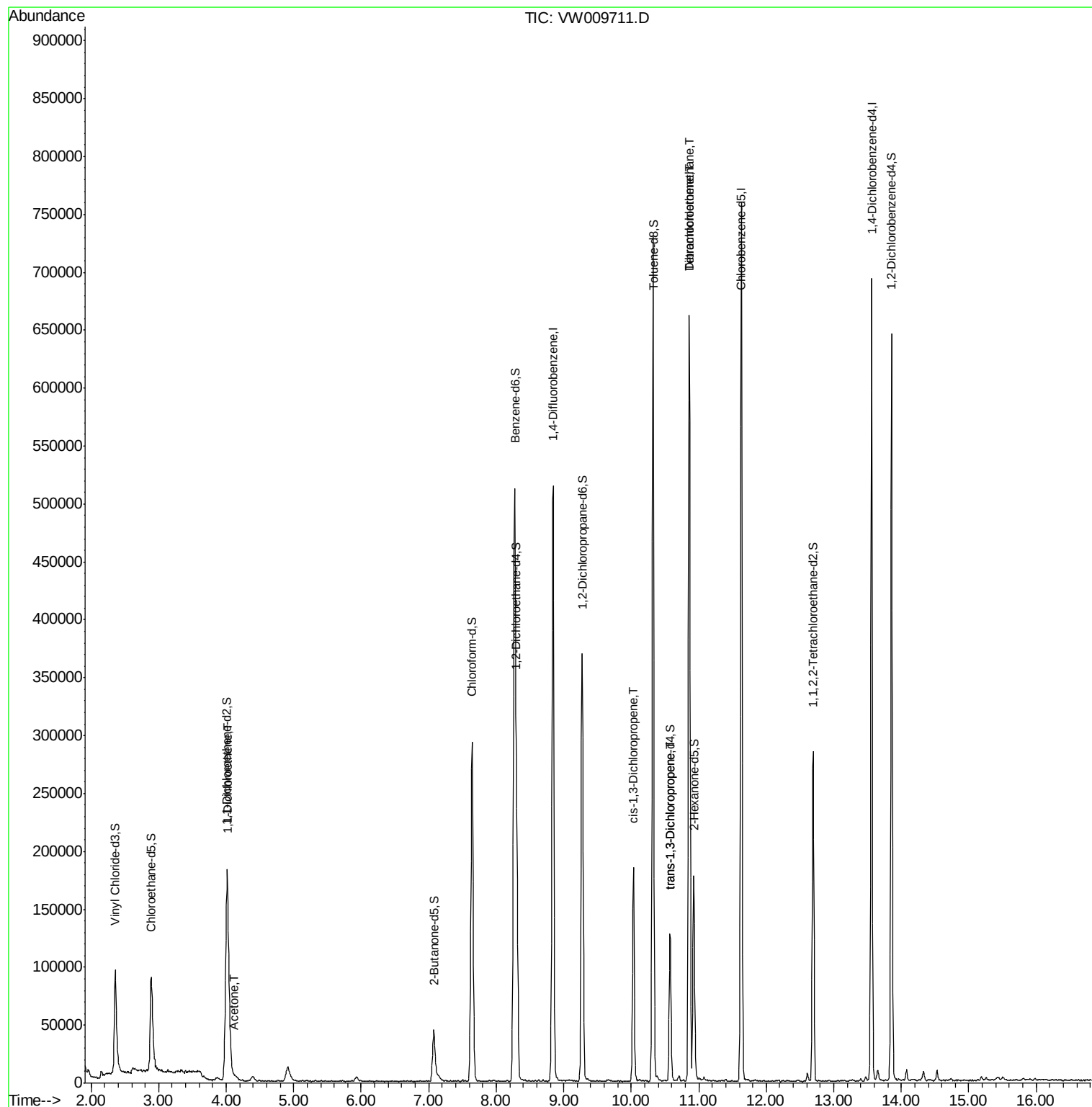
					Qvalue
12) 1,1-Dichloroethene	4.03	96	8520	1.611 ug/L #	1
13) Acetone	4.12	43	3264	1.801 ug/L	83
42) cis-1,3-Dichloropropene	10.03	75	5216	0.562 ug/L #	69
45) trans-1,3-Dichloropropene	10.57	75	3482	0.435 ug/L	93
47) Tetrachloroethene	10.86	164	132119	27.397 ug/L	98
50) Dibromochloromethane	10.86	129	126400	22.887 ug/L #	12

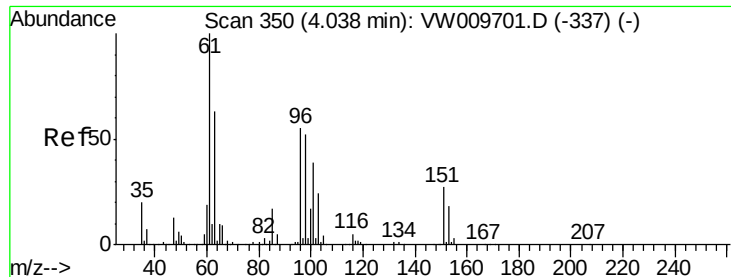
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.611 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW009711.D

Acq: 05 Apr 2019 04:47

Instrument :

MSVOA_W

ClientSampled :

BF136

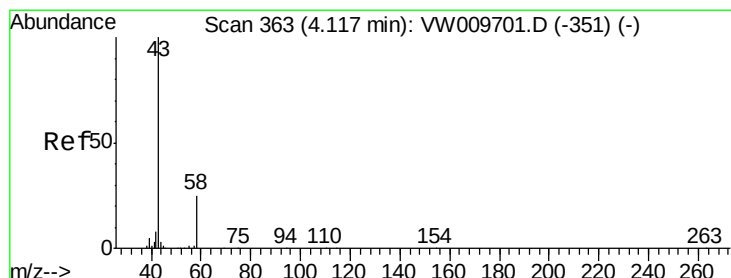
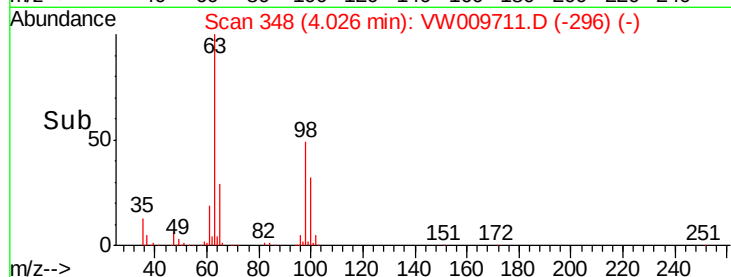
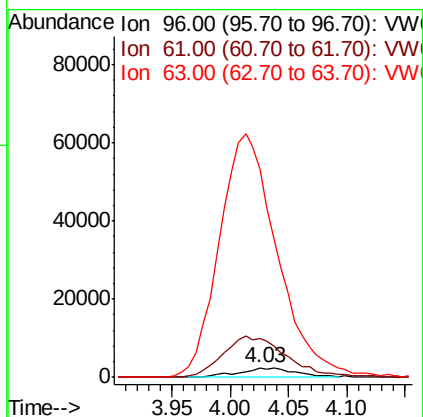
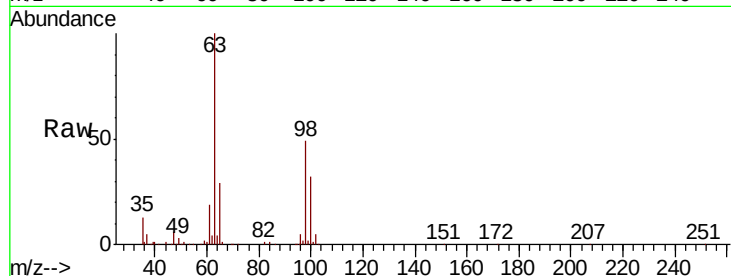
Tgt Ion: 96 Resp: 8520

Ion Ratio Lower Upper

96 100

61 394.9 138.8 257.8#

63 2120.3 114.6 212.8#



#13

Acetone

Concen: 1.801 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009711.D

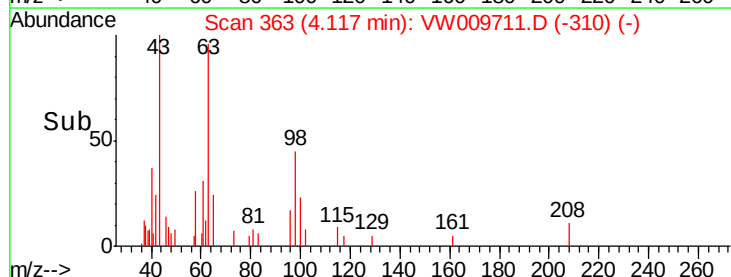
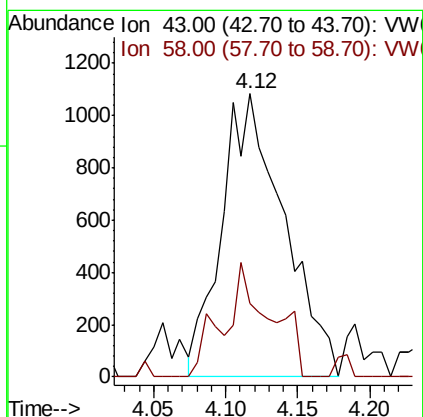
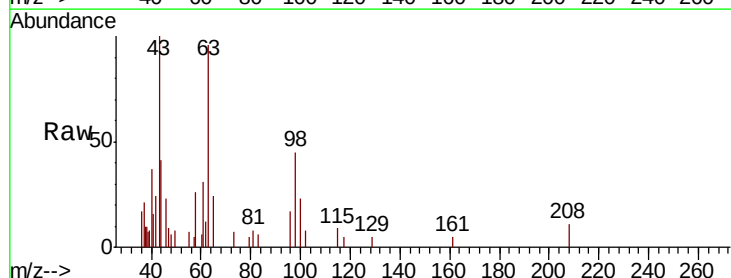
Acq: 05 Apr 2019 04:47

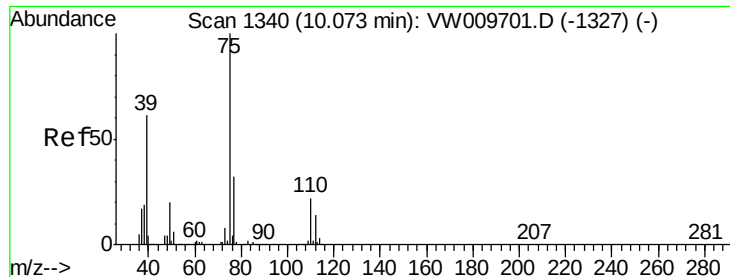
Tgt Ion: 43 Resp: 3264

Ion Ratio Lower Upper

43 100

58 17.8 0.0 53.0





#42

cis-1,3-Dichloropropene

Concen: 0.562 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009711.D

Acq: 05 Apr 2019 04:47

Instrument :

MSVOA_W

ClientSampleId :

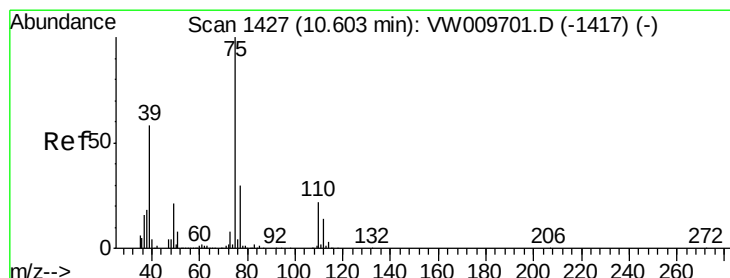
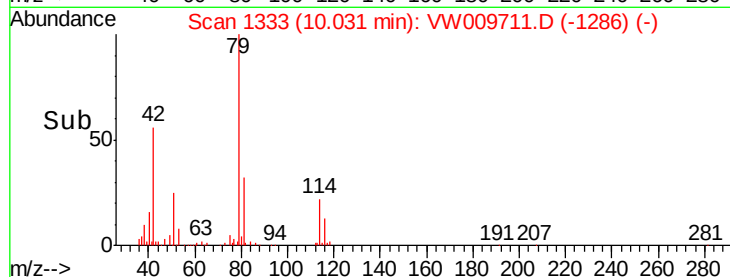
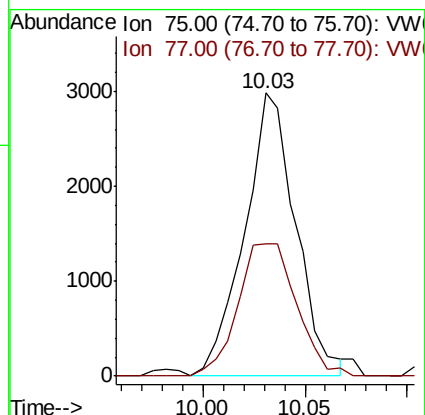
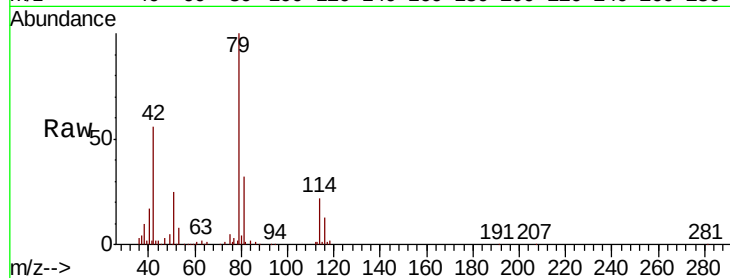
BF136

Tgt Ion: 75 Resp: 5216

Ion Ratio Lower Upper

75 100

77 46.8 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.435 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009711.D

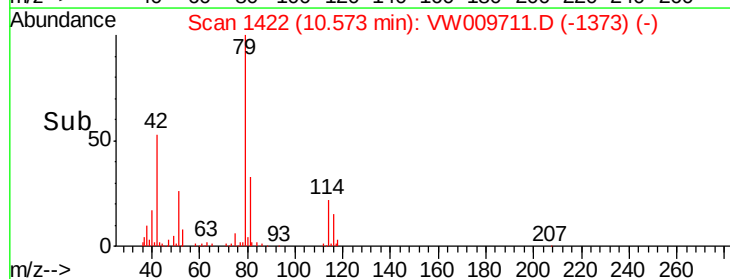
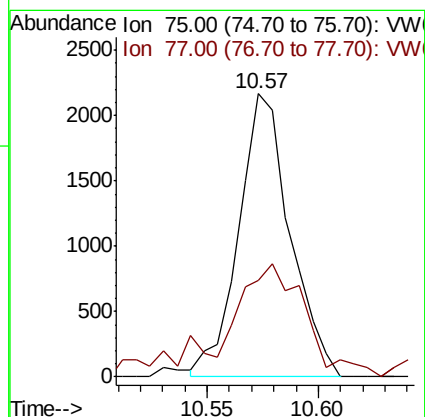
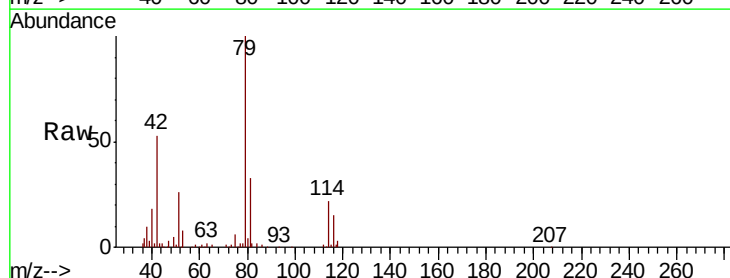
Acq: 05 Apr 2019 04:47

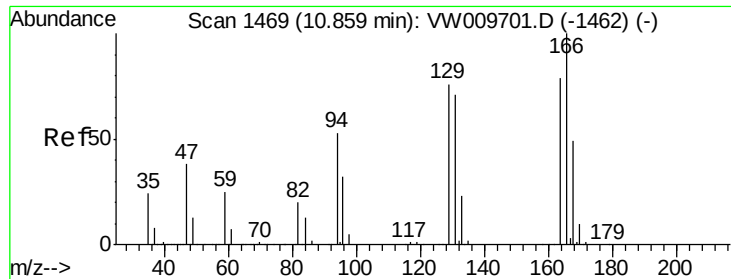
Tgt Ion: 75 Resp: 3482

Ion Ratio Lower Upper

75 100

77 34.0 21.1 39.3

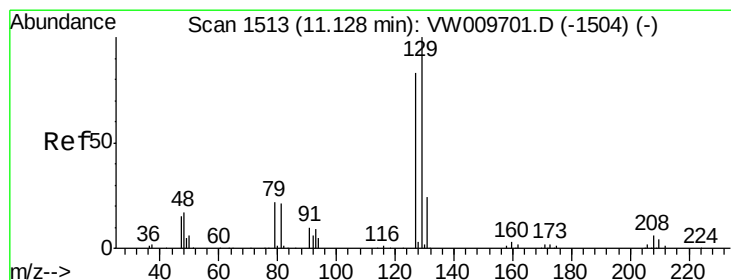
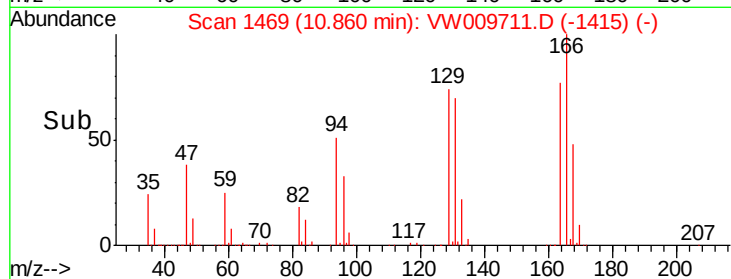
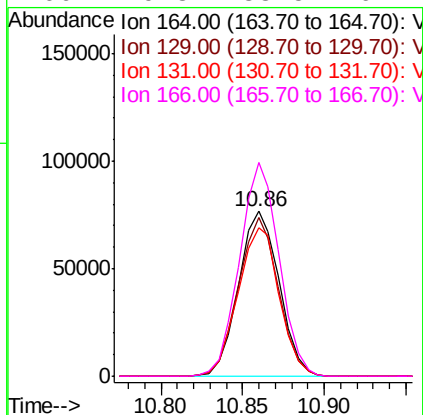
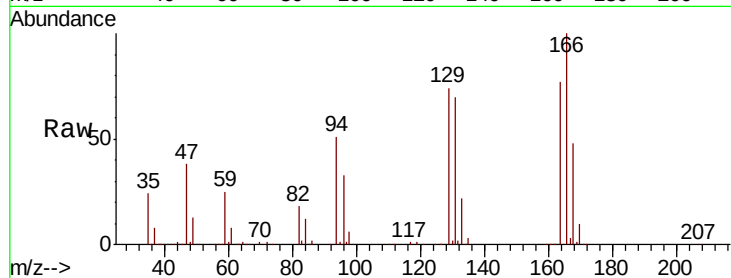




#47
 Tetrachloroethene
 Concen: 27.397 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009711.D
 Acq: 05 Apr 2019 04:47

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 MSVOA_W
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 BF136

Tgt Ion:	164	Resp:	132119
Ion	Ratio	Lower	Upper
164	100		
129	96.4	68.9	127.9
131	90.4	63.1	117.1
166	129.8	88.5	164.4



#50
 Dibromochloromethane
 Concen: 22.887 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.27 min
 Lab File: VW009711.D
 Acq: 05 Apr 2019 04:47

Tgt Ion:	129	Resp:	126400
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#

