

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009717.D
 Acq On : 05 Apr 2019 07:31
 Operator : SY/VA
 Sample : K2276-15
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF142

Quant Time: Apr 05 08:57:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	372605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159435	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153304	30.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.16%
7) Chloroethane-d5	2.89	69	135919	29.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.24%
10) 1,1-Dichloroethene-d2	4.01	63	248626	23.03	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.12%
20) 2-Butanone-d5	7.07	46	90365	55.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.90%
24) Chloroform-d	7.64	84	308011	29.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.72%
26) 1,2-Dichloroethane-d4	8.30	65	190112	29.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.32%
29) Benzene-d6	8.27	84	587393	30.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.12%
33) 1,2-Dichloropropane-d6	9.27	67	176148	29.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.64%
37) Toluene-d8	10.32	98	529455	29.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.12%
38) trans-1,3-Dichloropropene-	10.58	79	76322	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.96%
39) 2-Hexanone-d5	10.93	63	64690	56.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151624	27.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	181218	32.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.56%#

Target Compounds

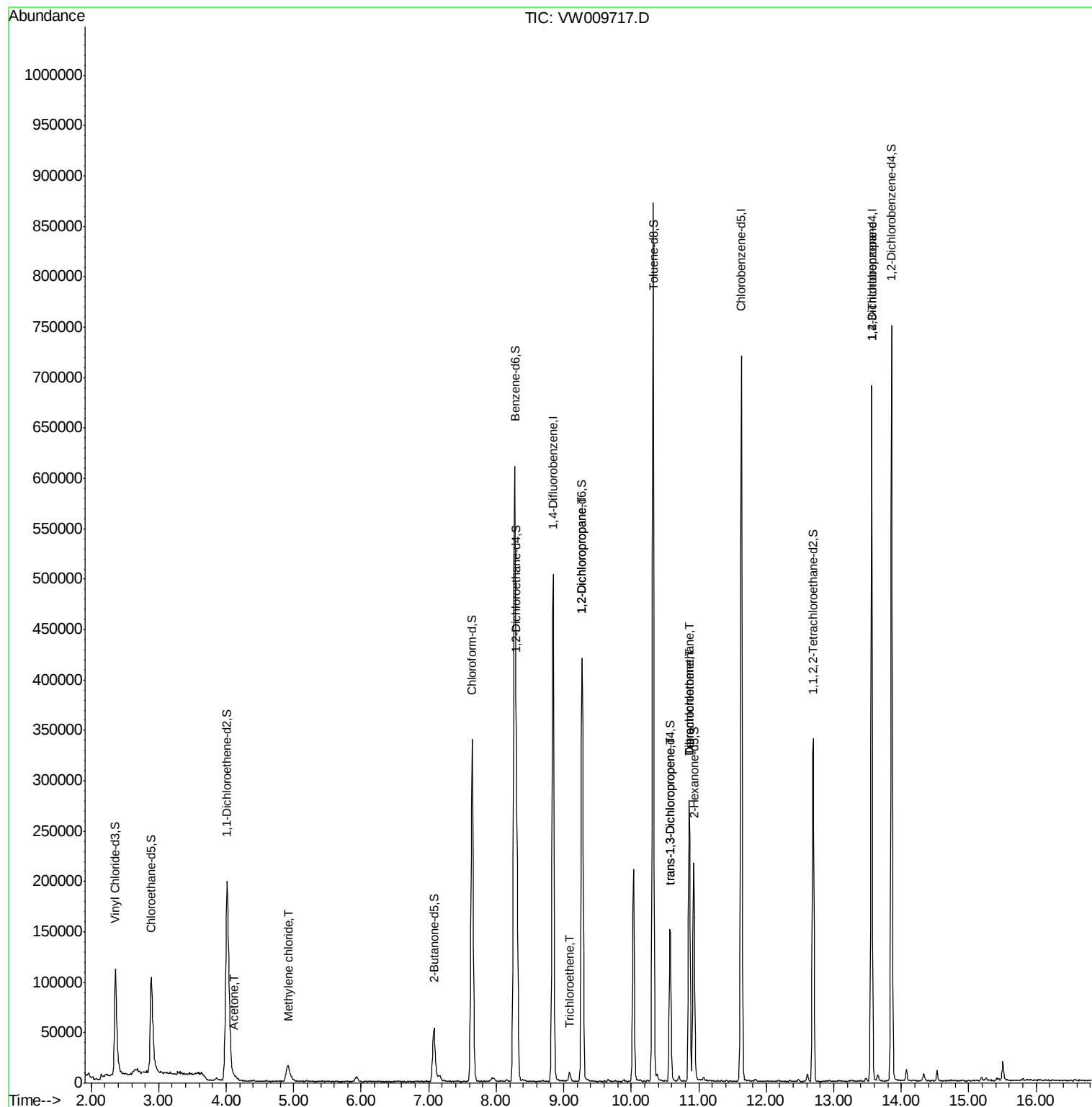
					Ovalue
13) Acetone	4.12	43	2098	1.201 ug/L	85
16) Methylene chloride	4.91	84	8865	1.310 ug/L	83
35) Trichloroethene	9.09	95	2178	0.371 ug/L	90
40) 1,2-Dichloropropane	9.27	63	22395	3.903 ug/L #	87
45) trans-1,3-Dichloropropene	10.58	75	3699	0.483 ug/L #	68
47) Tetrachloroethene	10.86	164	56084	12.138 ug/L	98
50) Dibromochloromethane	10.86	129	53424	10.095 ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	21297	4.939 ug/L	92

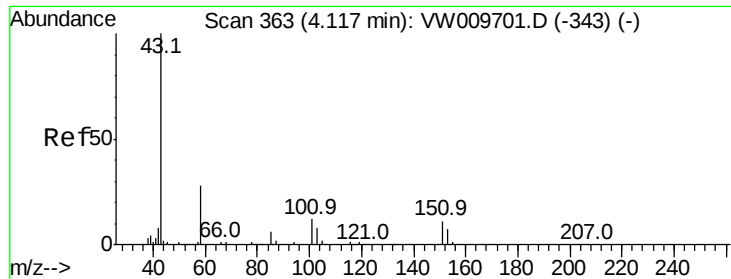
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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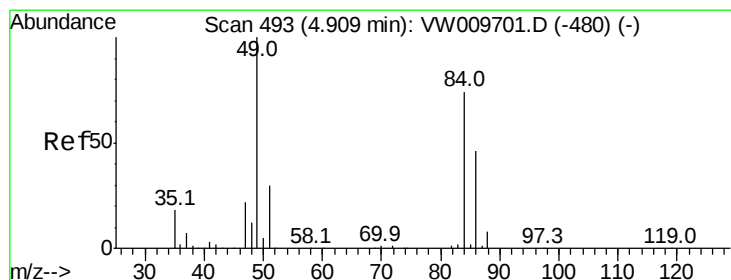
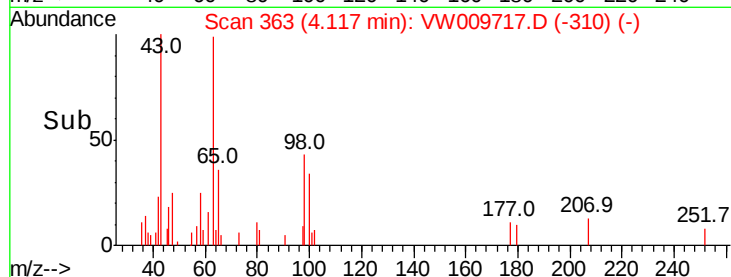
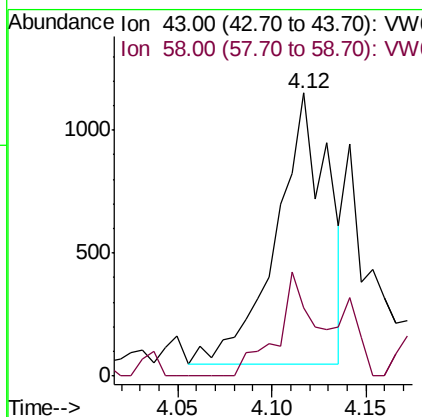
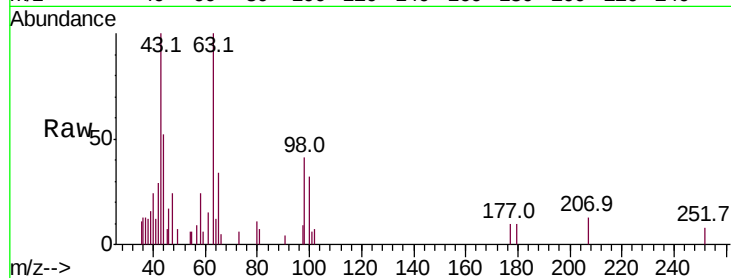




#13
Acetone
Concen: 1.201 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009717.D
Acq: 05 Apr 2019 07:31

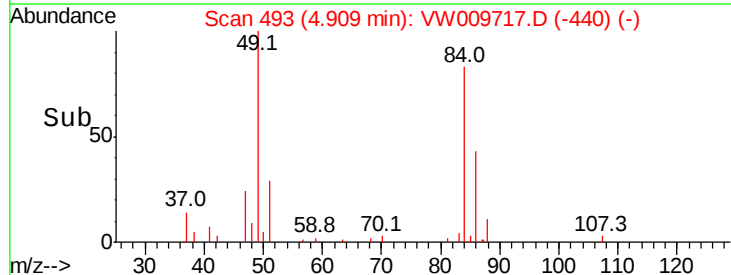
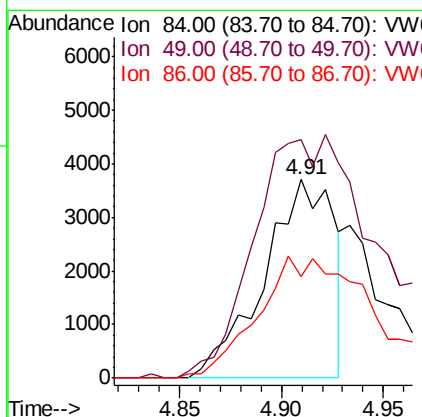
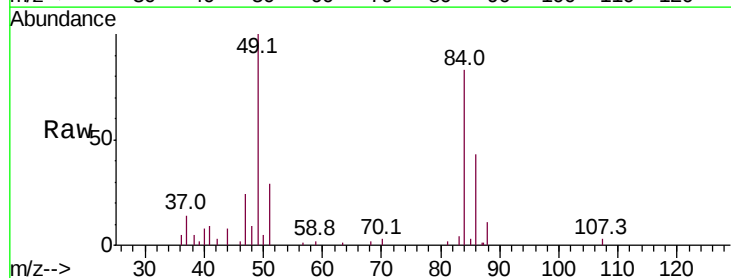
Instrument :
MSVOA_W
ClientSampled :
BF142

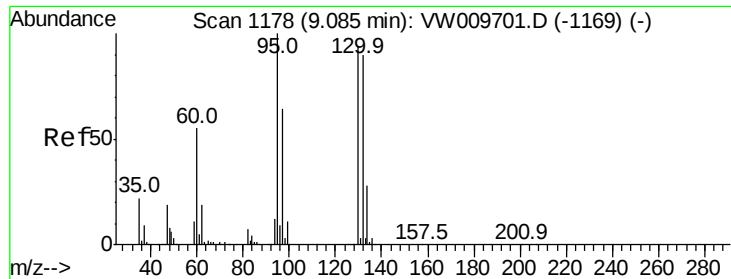
Tot Ion: 43 Resp: 2098
Ion Ratio Lower Upper
43 100
58 18.9 0.0 53.0



#16
Methylene chloride
Concen: 1.310 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009717.D
Acq: 05 Apr 2019 07:31

Tgt Ion: 84 Resp: 8865
Ion Ratio Lower Upper
84 100
49 120.0 98.3 182.5
86 51.3 46.4 86.2





#35

Trichloroethene

Concen: 0.371 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009717.D

Acq: 05 Apr 2019 07:31

Instrument :

MSVOA_W

ClientSampled :

BF142

Tot Ion: 95 Resp: 2178

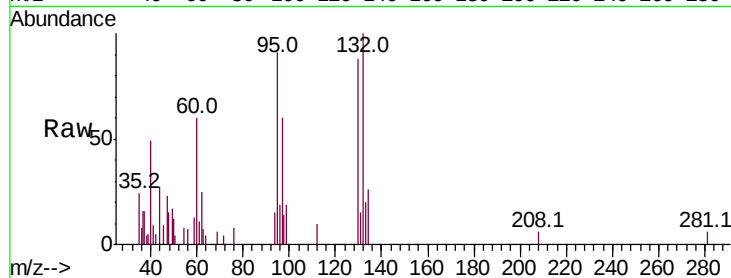
Ion Ratio Lower Upper

95 100

97 75.2 44.9 83.5

132 106.5 67.1 124.7

130 106.1 69.2 128.6

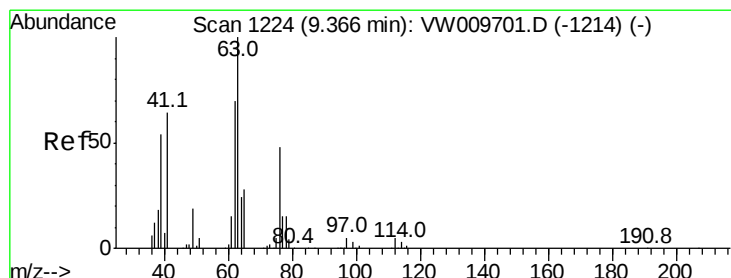
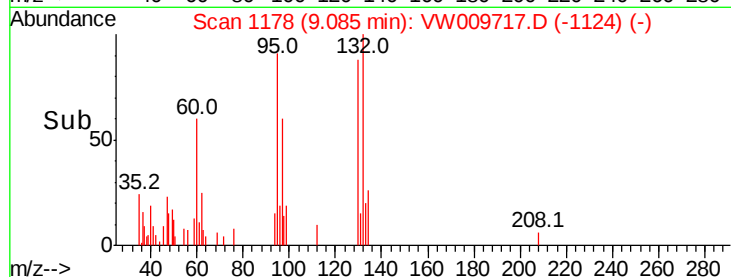
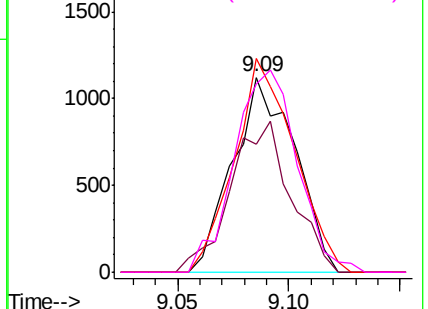


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.903 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW009717.D

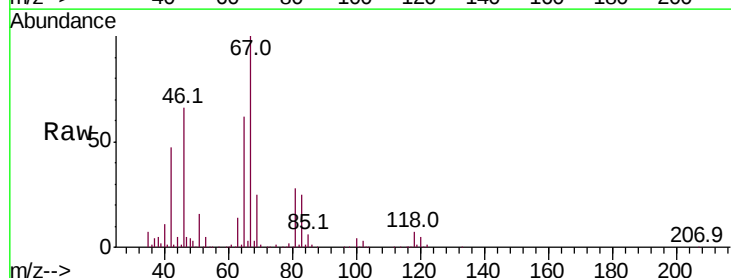
Acq: 05 Apr 2019 07:31

Tgt Ion: 63 Resp: 22395

Ion Ratio Lower Upper

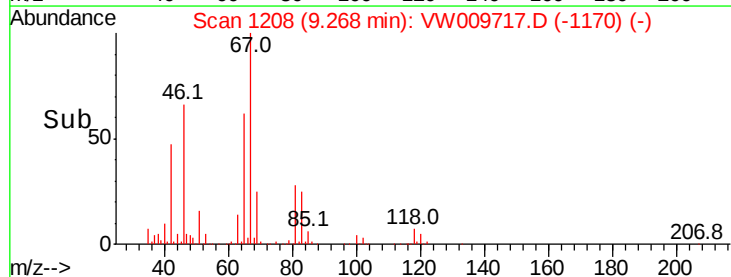
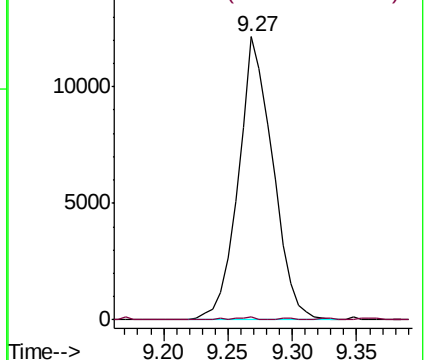
63 100

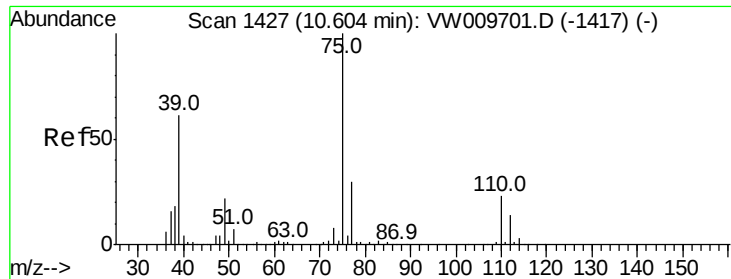
112 0.5 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009717.D

Acq: 05 Apr 2019 07:31

Instrument :

MSVOA_W

ClientSampleId :

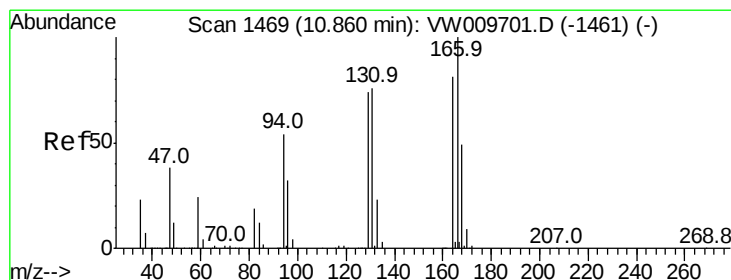
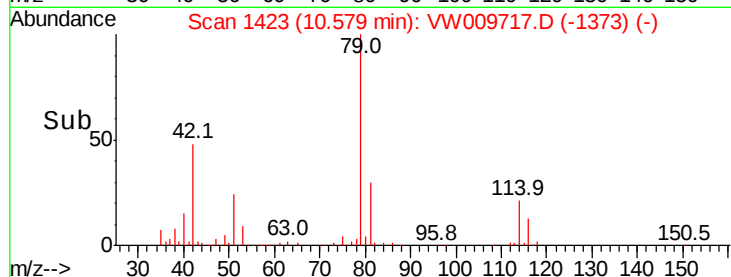
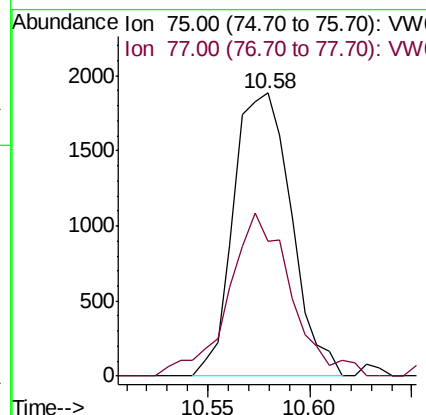
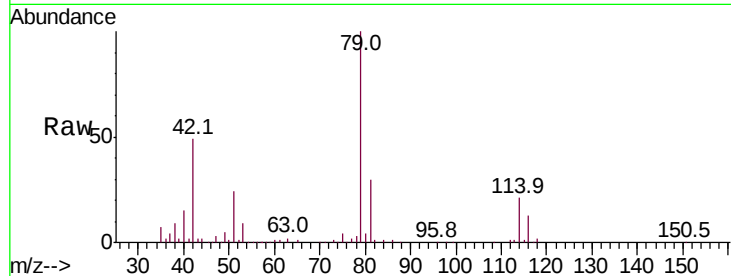
BF142

Tot Ion: 75 Resp: 3699

Ion Ratio Lower Upper

75 100

77 47.7 21.1 39.3#



#47

Tetrachloroethene

Concen: 12.138 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009717.D

Acq: 05 Apr 2019 07:31

Tgt Ion:164 Resp: 56084

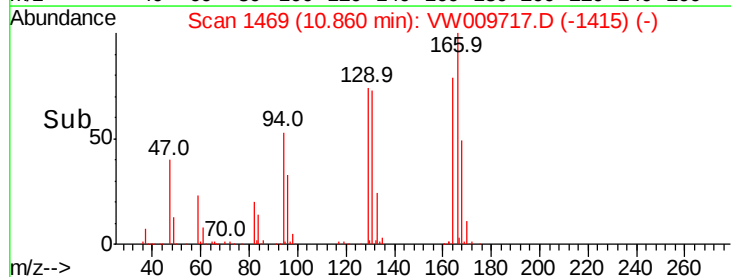
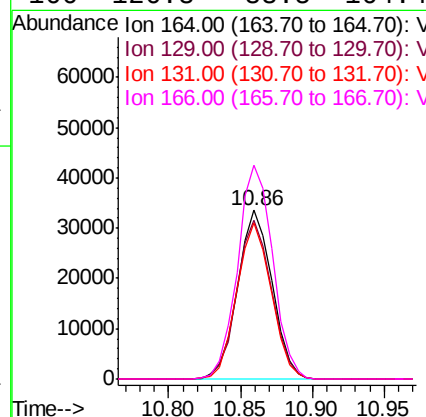
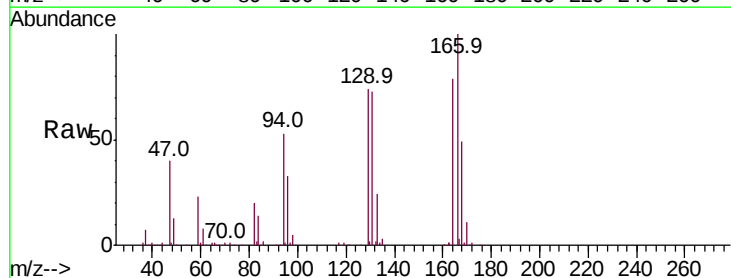
Ion Ratio Lower Upper

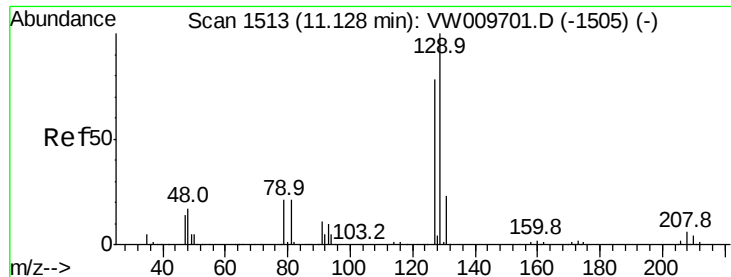
164 100

129 94.5 68.9 127.9

131 92.5 63.1 117.1

166 126.8 88.5 164.4





#50

Dibromochloromethane

Concen: 10.095 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009717.D

Acq: 05 Apr 2019 07:31

Instrument :

MSVOA_W

ClientSampled :

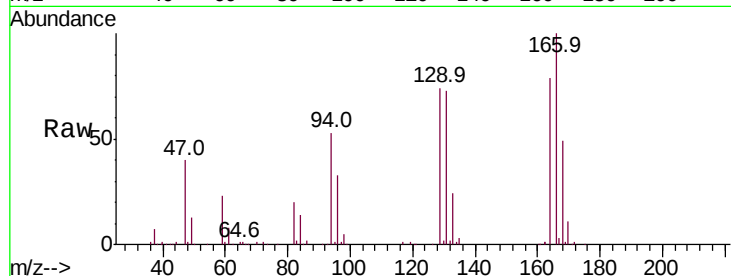
BF142

Tot Ion:129 Resp: 53424

Ion Ratio Lower Upper

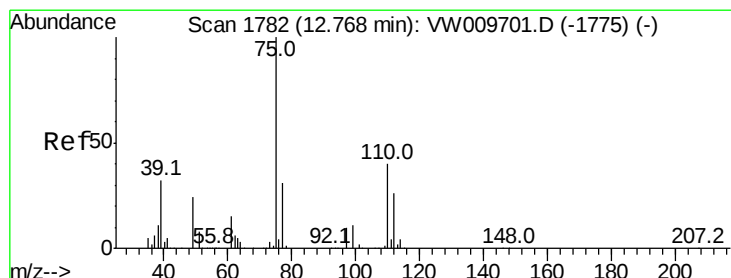
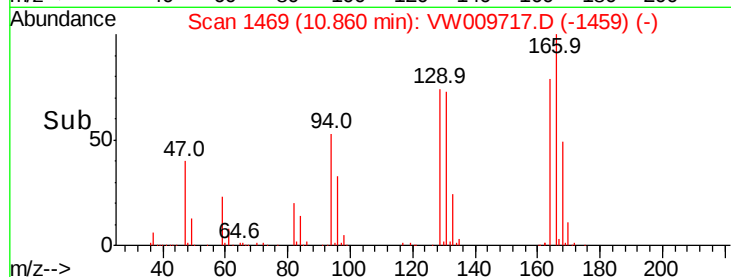
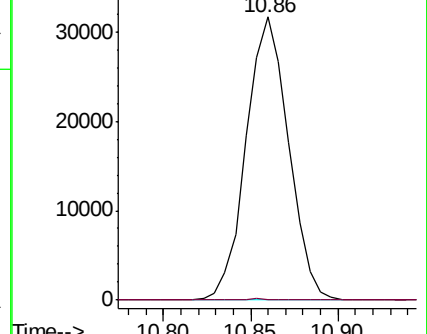
129 100

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



#59

1,2,3-Trichloropropane

Concen: 4.939 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009717.D

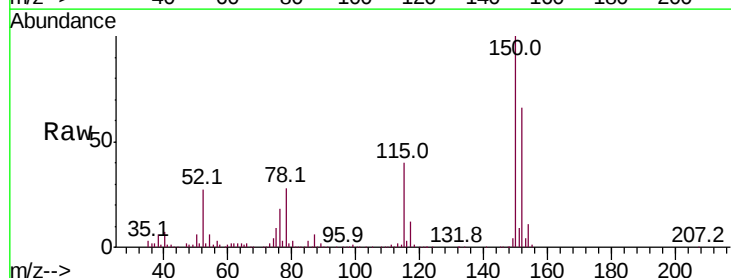
Acq: 05 Apr 2019 07:31

Tgt Ion: 75 Resp: 21297

Ion Ratio Lower Upper

75 100

77 36.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

