

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009838.D
 Acq On : 09 Apr 2019 13:45
 Operator : SY/VA
 Sample : K2255-05
 Misc : 2.81G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC47RE

Quant Time: Apr 10 01:00:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	391391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325846	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100543	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	105859	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	2.89	69	106424	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
10) 1,1-Dichloroethene-d2	4.01	63	196543	17.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.36%
20) 2-Butanone-d5	7.08	46	81485	49.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.00%
24) Chloroform-d	7.64	84	291742	27.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.28%
26) 1,2-Dichloroethane-d4	8.30	65	198493	30.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.08%
29) Benzene-d6	8.27	84	511098	29.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.52%
33) 1,2-Dichloropropane-d6	9.27	67	170662	32.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.20%#
37) Toluene-d8	10.32	98	416775	26.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.40%
38) trans-1,3-Dichloropropene-	10.57	79	58002	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.08%
39) 2-Hexanone-d5	10.93	63	34457	34.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144126	29.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	86052	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

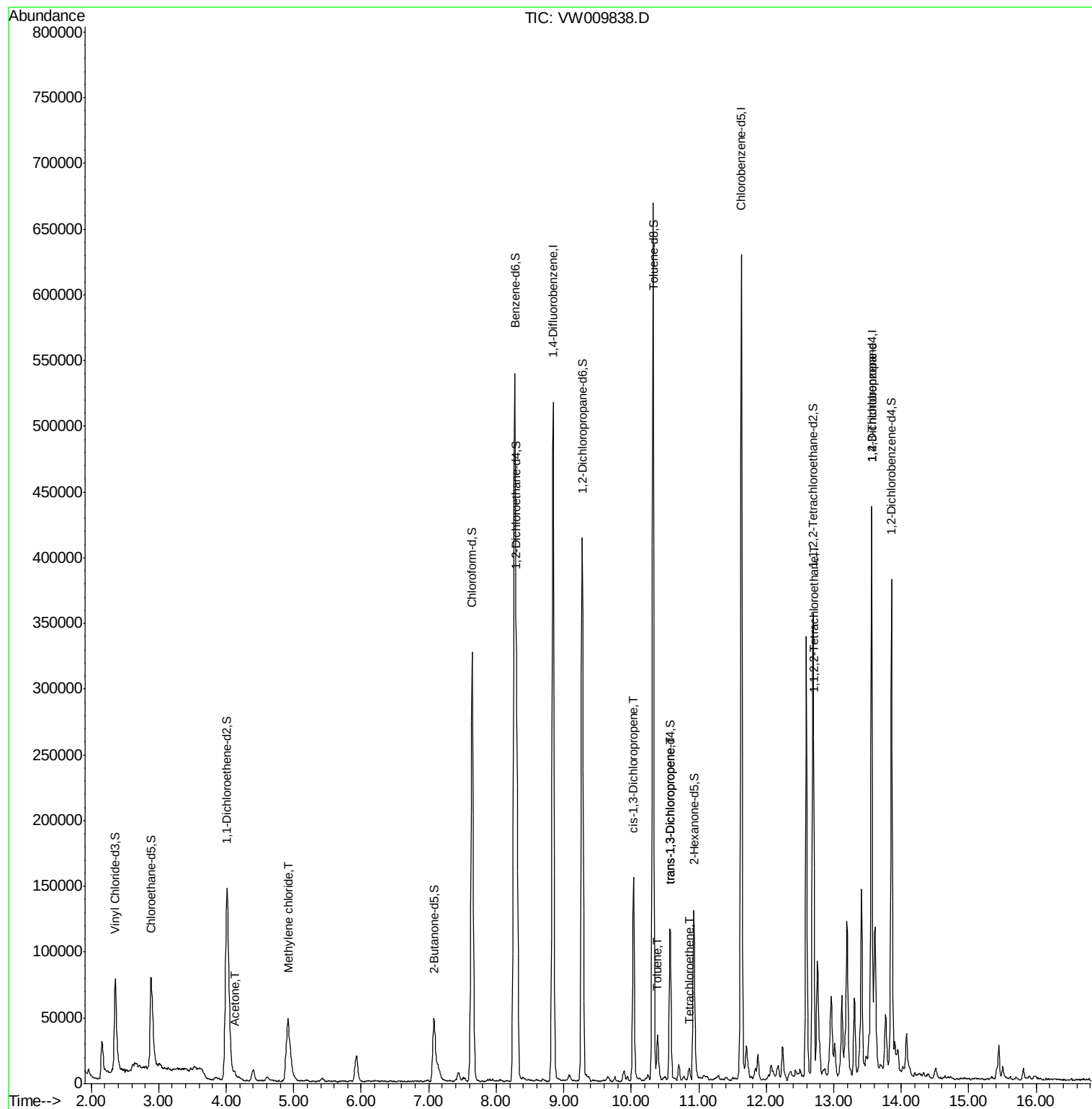
					Qvalue
13) Acetone	4.12	43	8107	4.550 ug/L	87
16) Methylene chloride	4.92	84	42353	6.136 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	4132	0.531 ug/L #	45
44) Toluene	10.39	91	18575	0.894 ug/L	91
45) trans-1,3-Dichloropropene	10.57	75	4177	0.623 ug/L #	67
47) Tetrachloroethene	10.86	164	1414	0.350 ug/L	82
58) 1,1,2,2-Tetrachloroethane	12.71	83	1767	0.349 ug/L #	1
59) 1,2,3-Trichloropropane	13.56	75	13879	3.681 ug/L	94

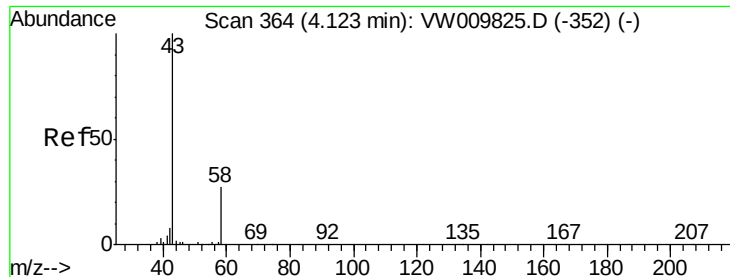
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 00:56:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.550 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009838.D

Acq: 09 Apr 2019 13:45

Instrument :

MSVOA_W

ClientSampleId :

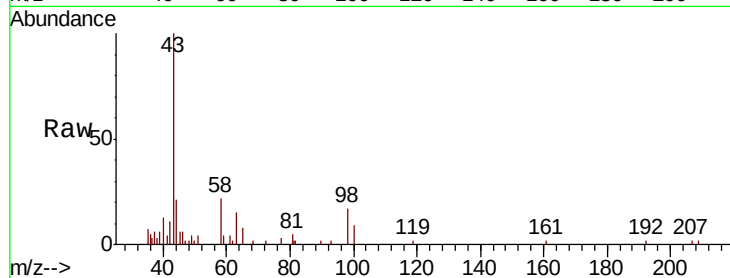
BFC47RE

Tgt Ion: 43 Resp: 8107

Ion Ratio Lower Upper

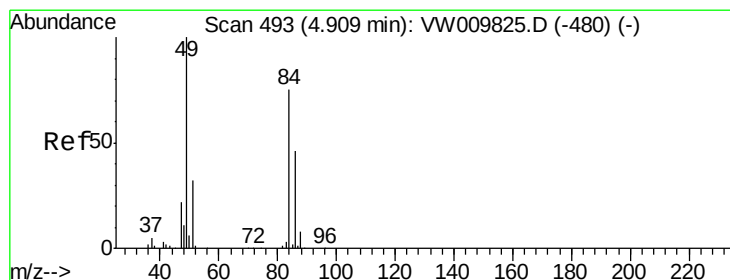
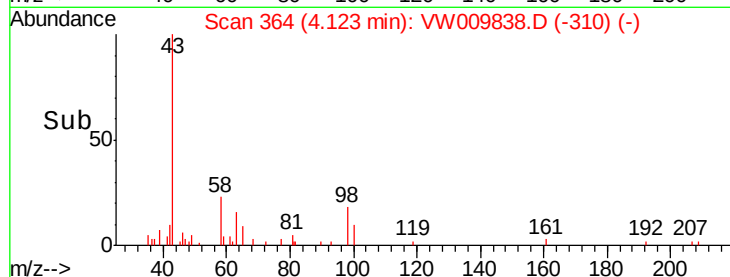
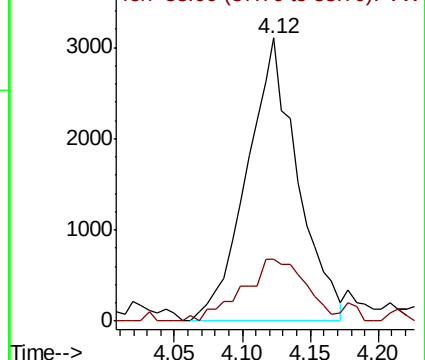
43 100

58 19.9 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 6.136 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009838.D

Acq: 09 Apr 2019 13:45

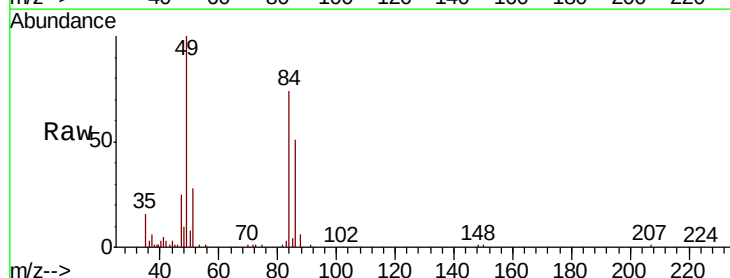
Tgt Ion: 84 Resp: 42353

Ion Ratio Lower Upper

84 100

49 134.6 98.3 182.5

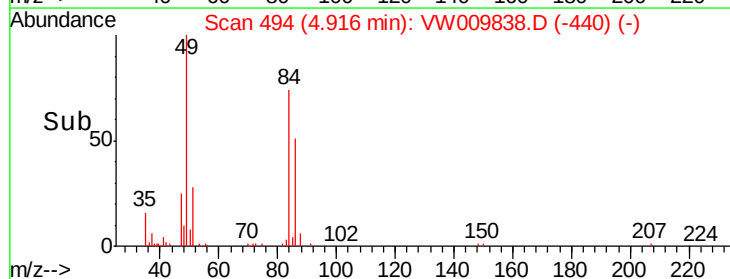
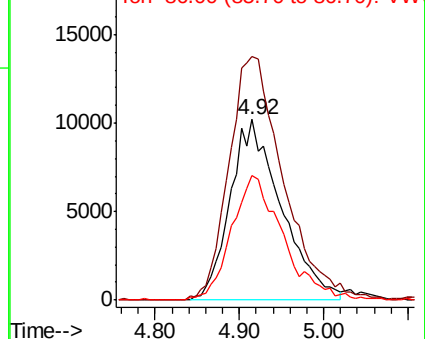
86 68.9 46.4 86.2

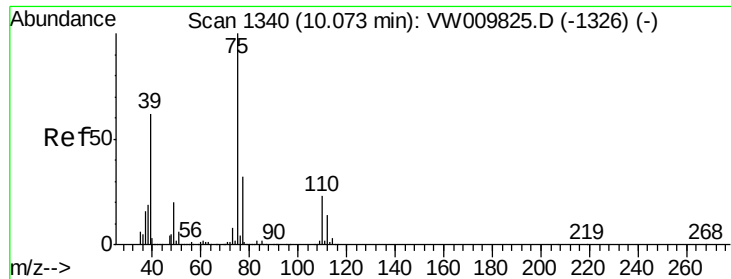


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloroprene

Concen: 0.531 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009838.D

Acq: 09 Apr 2019 13:45

Instrument :

MSVOA_W

ClientSampleId :

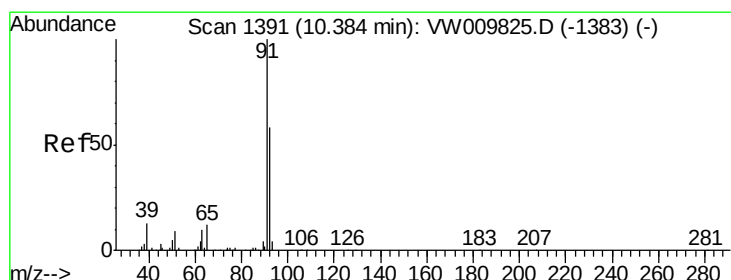
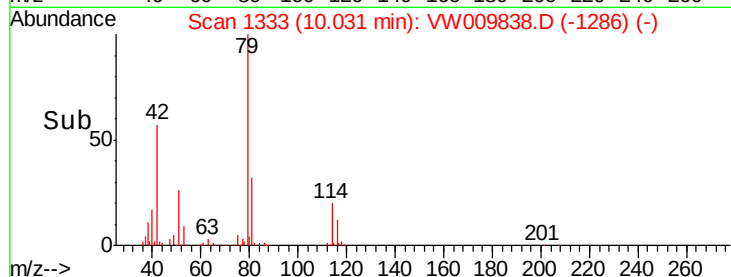
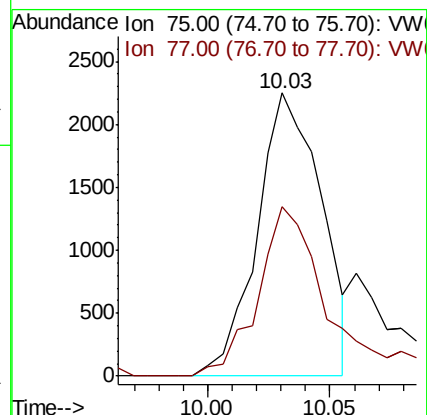
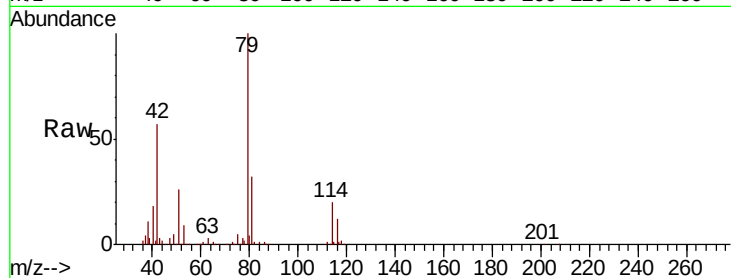
BFC47RE

Tgt Ion: 75 Resp: 4132

Ion Ratio Lower Upper

75 100

77 59.9 21.0 39.0#



#44

Toluene

Concen: 0.894 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009838.D

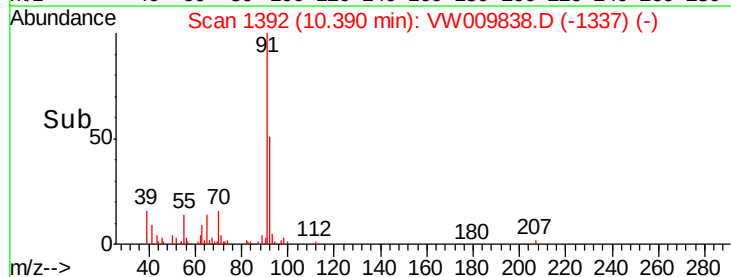
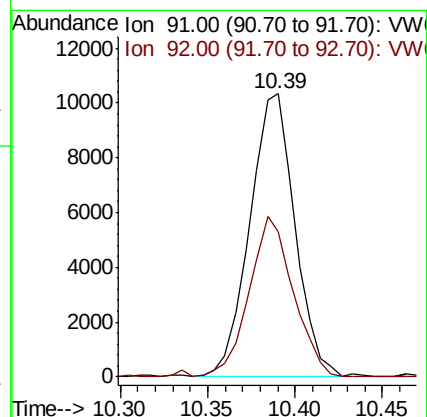
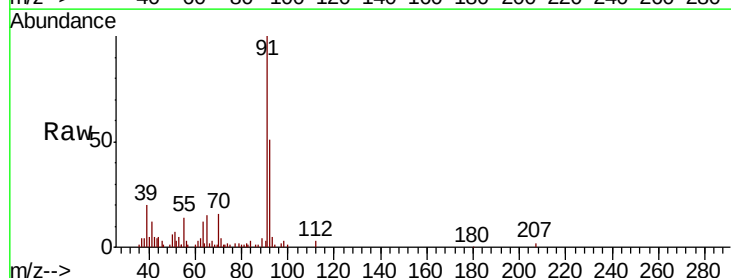
Acq: 09 Apr 2019 13:45

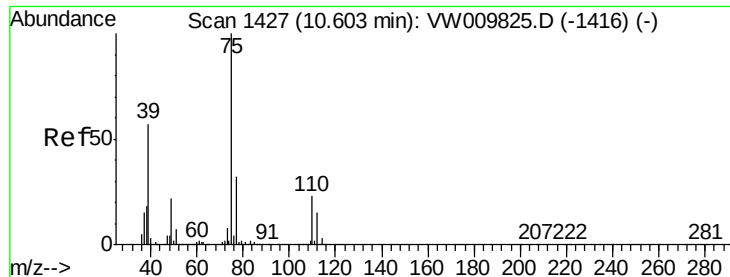
Tgt Ion: 91 Resp: 18575

Ion Ratio Lower Upper

91 100

92 51.1 40.5 75.1





#45

trans-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009838.D

Acq: 09 Apr 2019 13:45

Instrument :

MSVOA_W

ClientSampleId :

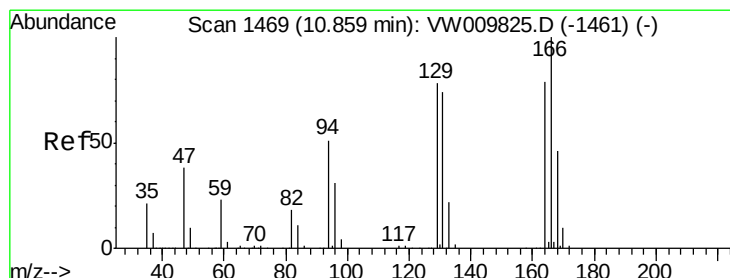
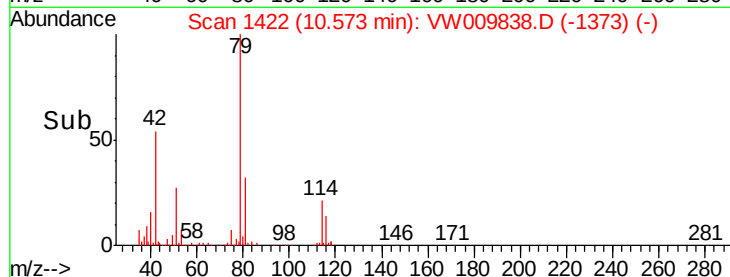
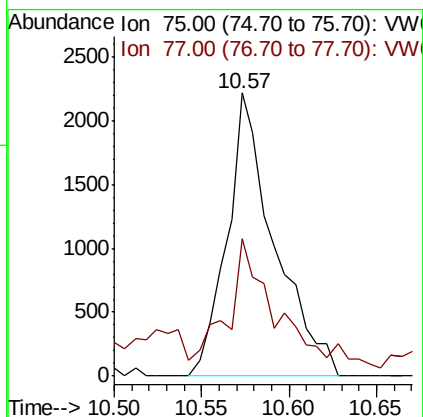
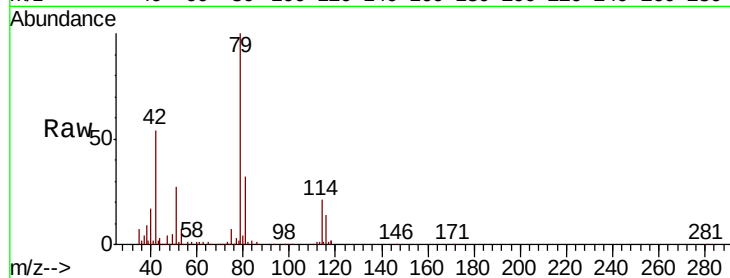
BFC47RE

Tgt Ion: 75 Resp: 4177

Ion Ratio Lower Upper

75 100

77 48.4 21.1 39.3#



#47

Tetrachloroethene

Concen: 0.350 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009838.D

Acq: 09 Apr 2019 13:45

Tgt Ion: 164 Resp: 1414

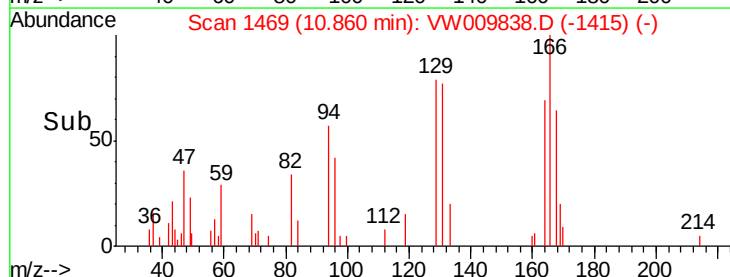
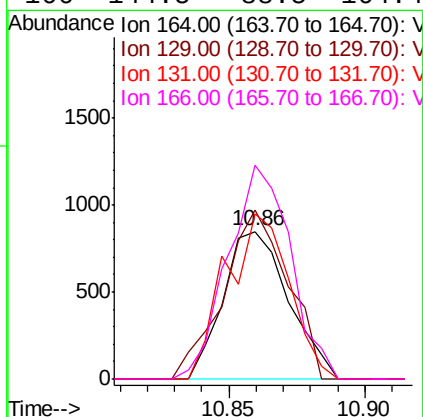
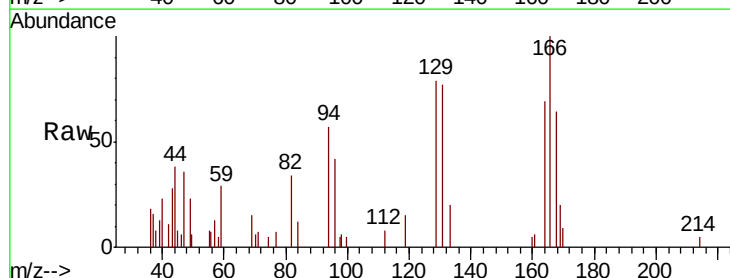
Ion Ratio Lower Upper

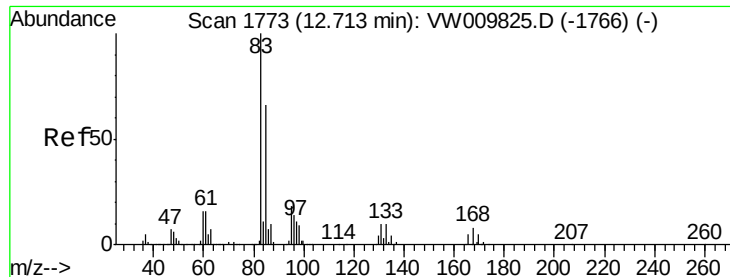
164 100

129 113.9 68.9 127.9

131 111.9 63.1 117.1

166 144.5 88.5 164.4

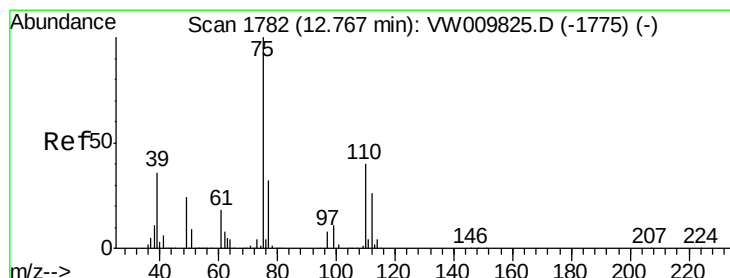
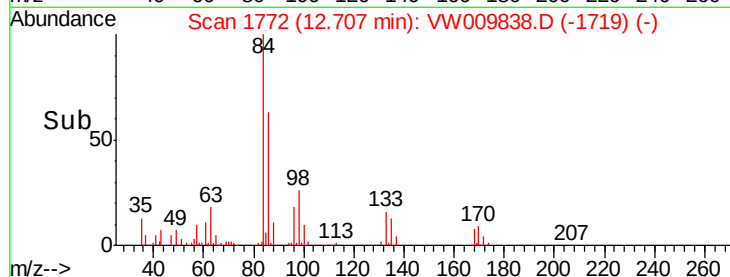
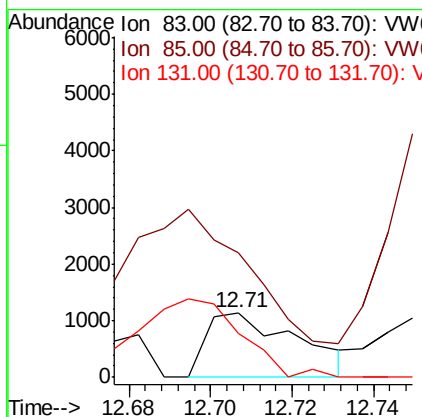
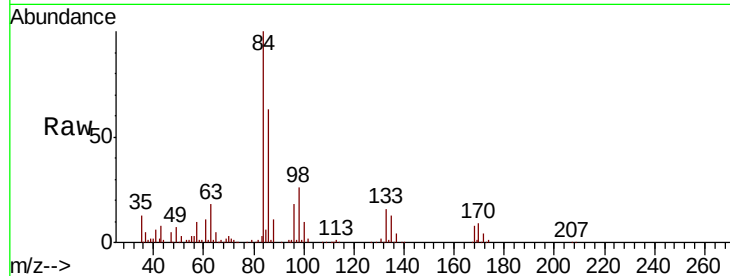




#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.349 ug/L
 RT: 12.71 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: VW009838.D
 Acq: 09 Apr 2019 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC47RE

Tgt Ion: 83 Resp: 1767
 Ion Ratio Lower Upper
 83 100
 85 192.1 44.9 83.3#
 131 67.9 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 3.681 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW009838.D
 Acq: 09 Apr 2019 13:45

Tgt Ion: 75 Resp: 13879
 Ion Ratio Lower Upper
 75 100
 77 36.1 26.2 39.2

