

Data File : VW007968.D
Acq On : 27 Dec 2018 14:33
Operator : SY/AP
Sample : J6506-13
Misc : 5.02G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF057RE

Quant Time: Dec 28 04:05:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	93964	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	63001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	24699	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.68%
7) Chloroethane-d5	2.89	69	17565	28.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.60%
10) 1,1-Dichloroethene-d2	4.01	63	48335	19.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.12%
20) 2-Butanone-d5	7.08	46	18643	47.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.42%
24) Chloroform-d	7.65	84	63775	25.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.04%
26) 1,2-Dichloroethane-d4	8.30	65	41798	27.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.56%
29) Benzene-d6	8.27	84	118009	33.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.60%
33) 1,2-Dichloropropane-d6	9.27	67	32426	33.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.96%#
37) Toluene-d8	10.32	98	91697	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.56%
38) trans-1,3-Dichloropropene-	10.58	79	17441	31.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	126.44%
39) 2-Hexanone-d5	10.93	63	14346	58.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25350	27.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	15590	28.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.92%

Target Compounds

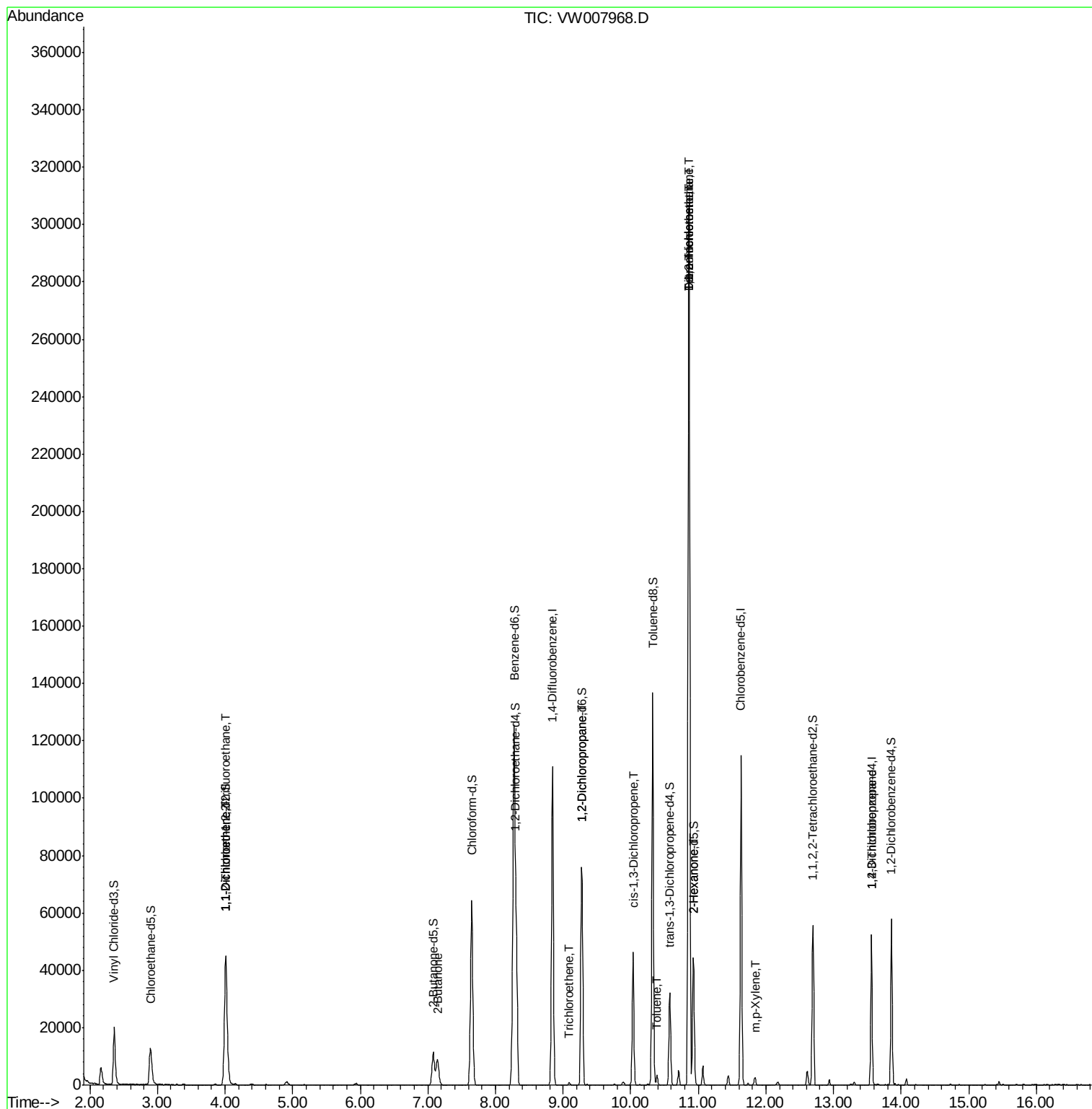
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	428	0.361	ug/L #	18
12) 1,1-Dichloroethene	4.01	96	337	0.310	ug/L #	1
21) 2-Butanone	7.14	43	773	1.761	ug/L #	46
35) Trichloroethene	9.10	95	326	0.333	ug/L #	54
40) 1,2-Dichloropropane	9.27	63	4329	5.463	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1333	0.964	ug/L #	55
44) Toluene	10.39	91	2851	0.756	ug/L	88
46) 1,1,2-Trichloroethane	10.86	97	701	1.046	ug/L #	18
47) Tetrachloroethene	10.87	164	68406	87.901	ug/L	99
49) 2-Hexanone	10.93	43	2469	5.456	ug/L #	63
50) Dibromochloromethane	10.86	129	69837	81.761	ug/L #	10
54) m,p-Xylene	11.84	106	839	0.514	ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	1533	2.293	ug/L	89

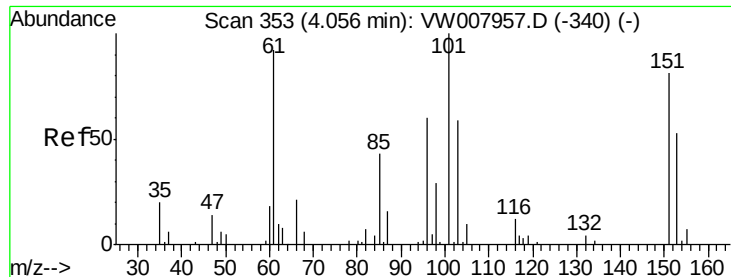
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.361 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.04 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

BF057RE

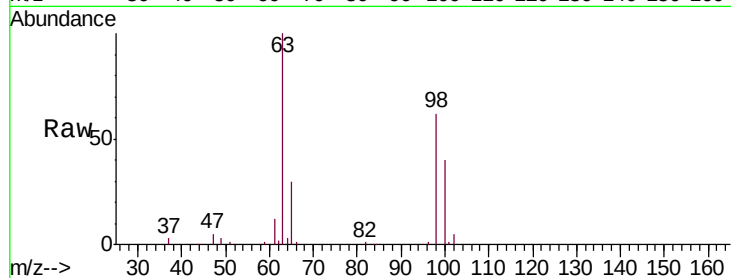
Tgt Ion: 101 Resp: 428

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

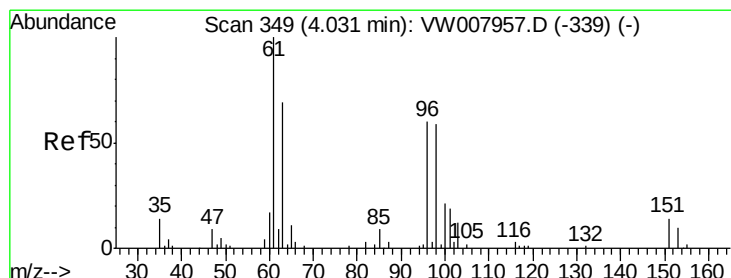
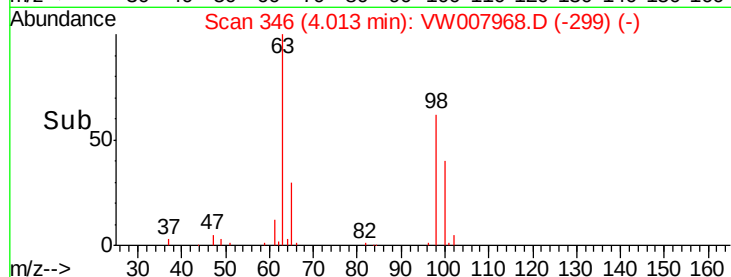
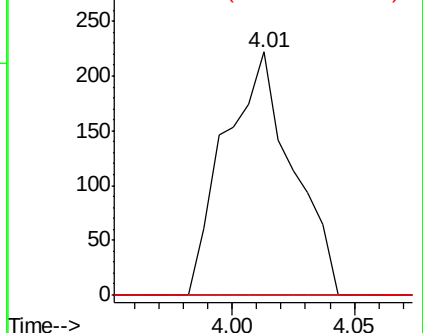
151 0.0 63.2 94.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.310 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

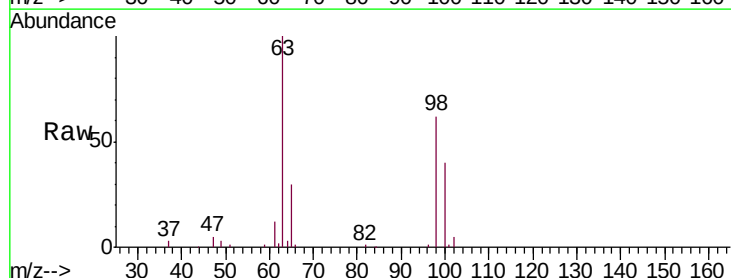
Tgt Ion: 96 Resp: 337

Ion Ratio Lower Upper

96 100

61 1020.5 120.3 223.3#

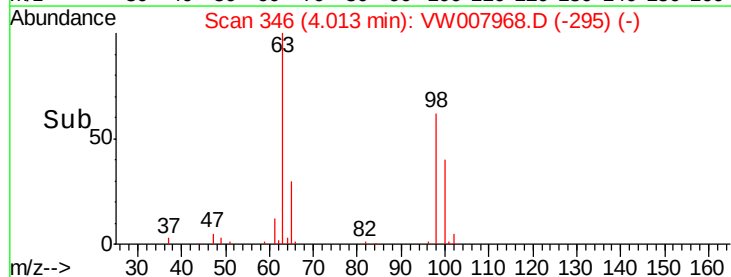
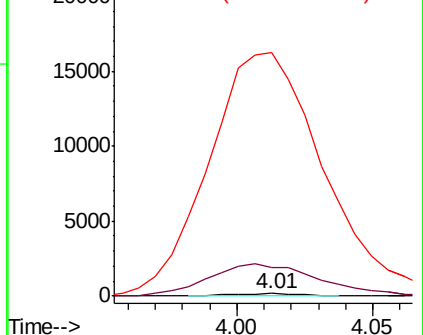
63 8552.6 91.6 170.0#

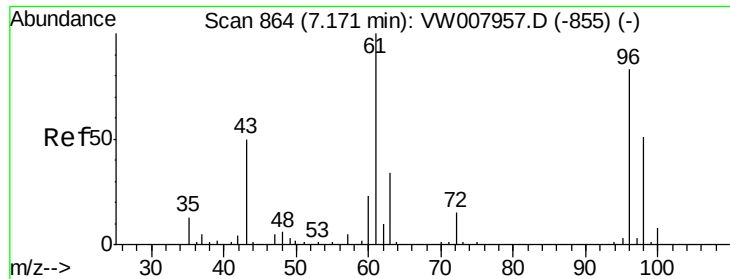


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#21

2-Butanone

Concen: 1.761 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Instrument :

MSVOA_W

ClientSampled :

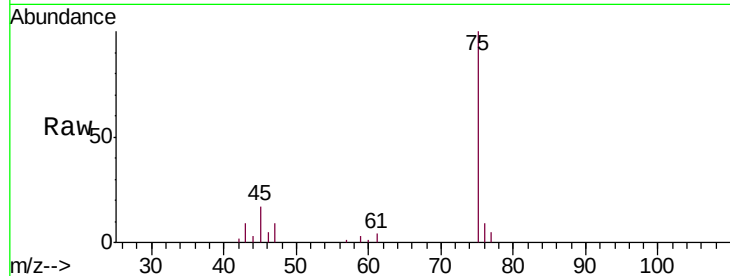
BF057RE

Tgt Ion: 43 Resp: 773

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

500

400

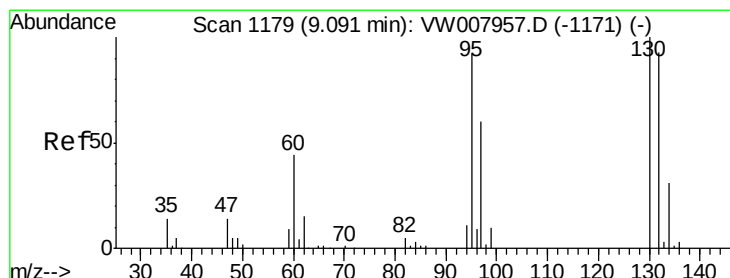
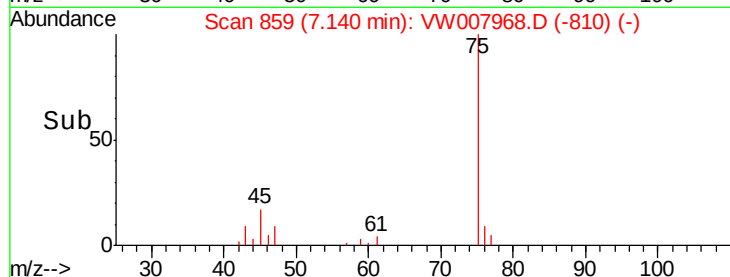
300

200

100

0

Time-->



#35

Trichloroethene

Concen: 0.333 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Tgt Ion: 95 Resp: 326

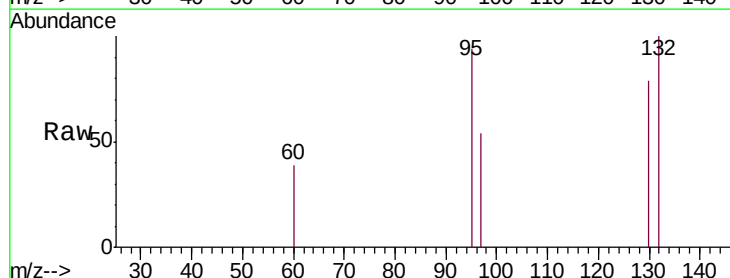
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 114.1 67.8 126.0

130 49.1 70.3 130.7#



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

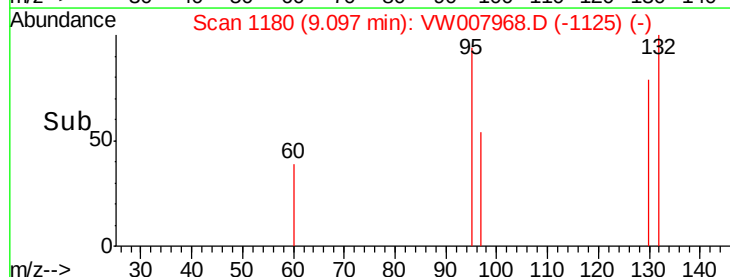
300

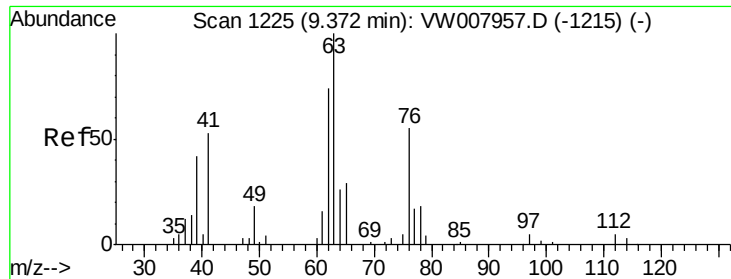
200

100

0

Time-->

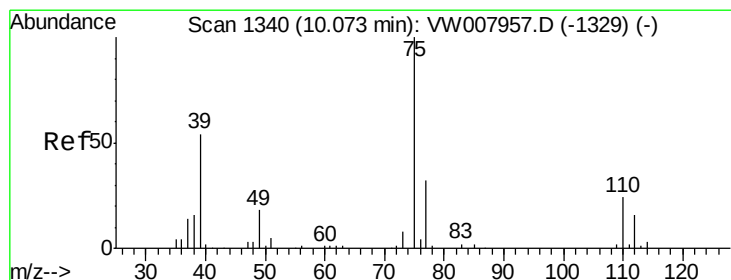
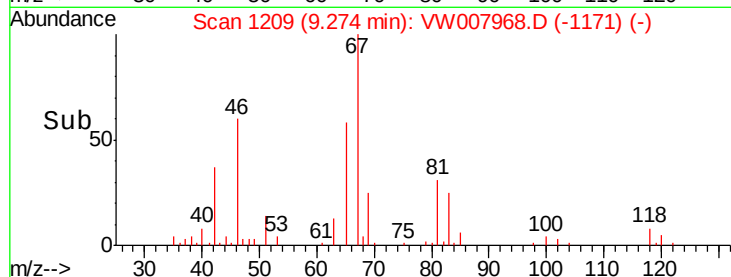
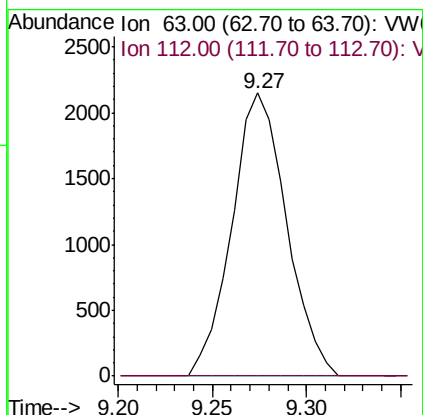
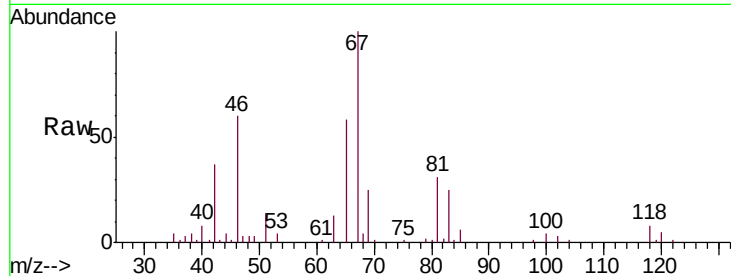




#40
 1,2-Dichloropropane
 Concen: 5.463 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007968.D
 Acq: 27 Dec 2018 14:33

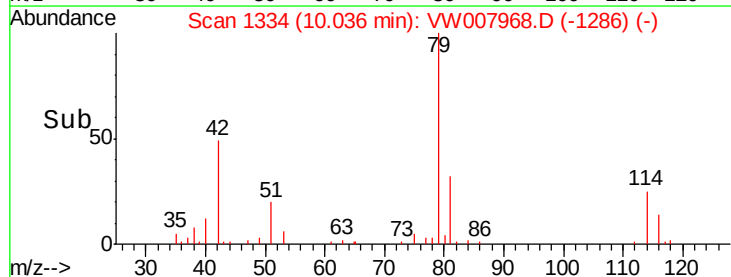
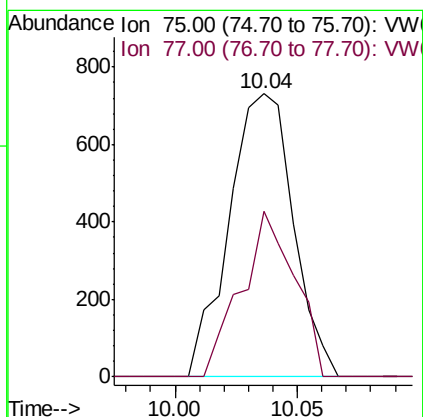
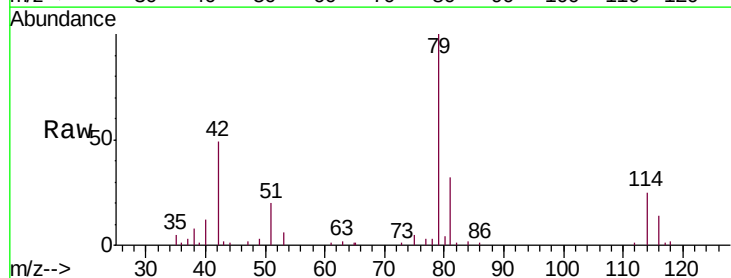
Instrument :
 MSVOA_W
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 BF057RE

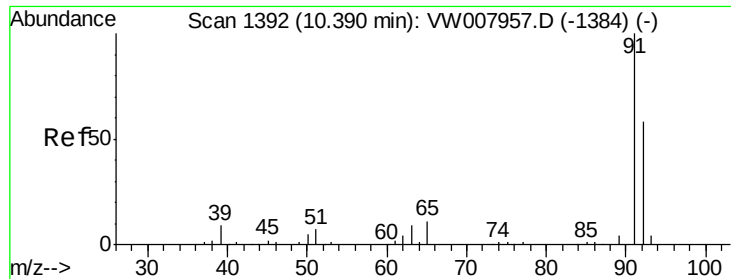
Tgt Ion: 63 Resp: 4329
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.964 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007968.D
 Acq: 27 Dec 2018 14:33

Tgt Ion: 75 Resp: 1333
 Ion Ratio Lower Upper
 75 100
 77 58.4 23.0 42.8#





#44

Toluene

Concen: 0.756 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

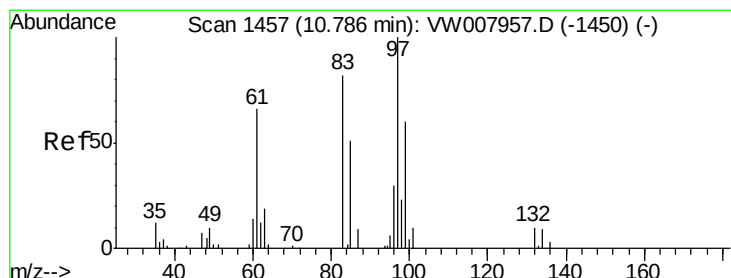
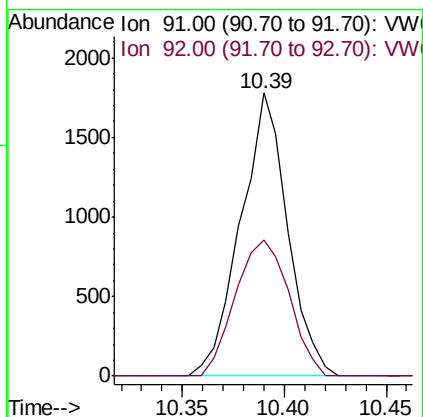
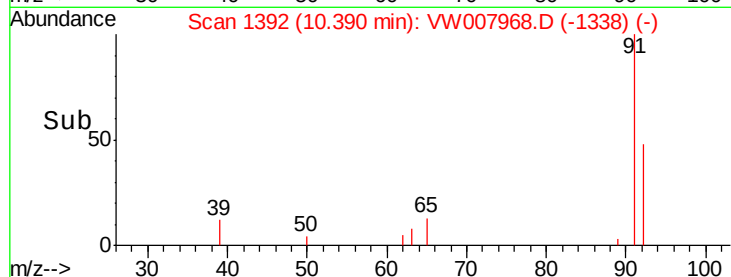
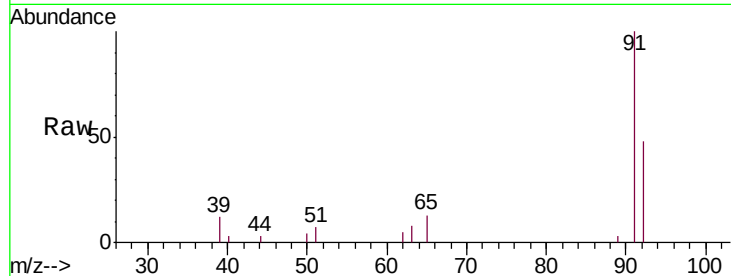
BF057RE

Tgt Ion: 91 Resp: 2851

Ion Ratio Lower Upper

91 100

92 48.0 39.6 73.6



#46

1,1,2-Trichloroethane

Concen: 1.046 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Tgt Ion: 97 Resp: 701

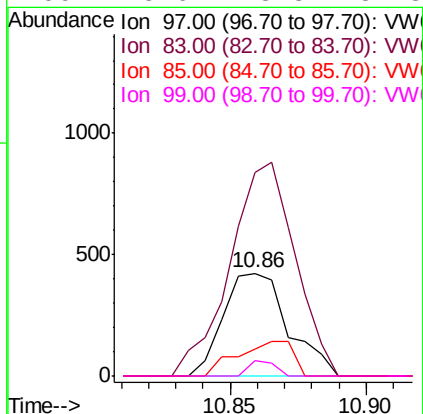
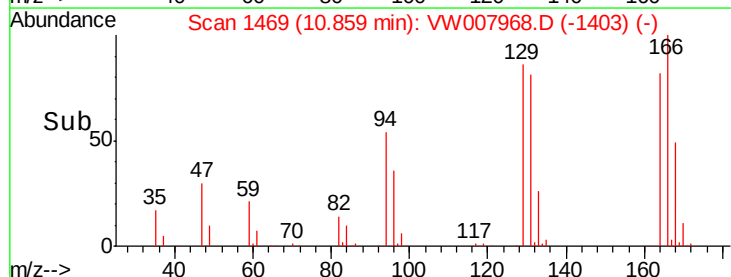
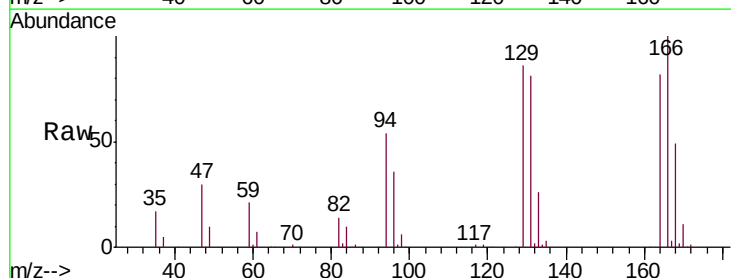
Ion Ratio Lower Upper

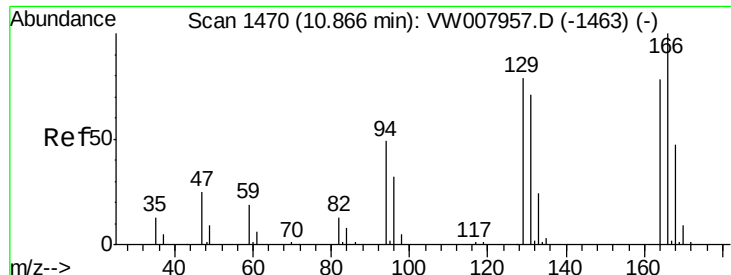
97 100

83 197.9 58.4 108.6#

85 26.0 36.4 67.6#

99 15.6 43.8 81.3#





#47

Tetrachloroethene

Concen: 87.901 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

BF057RE

Tgt Ion:164 Resp: 68406

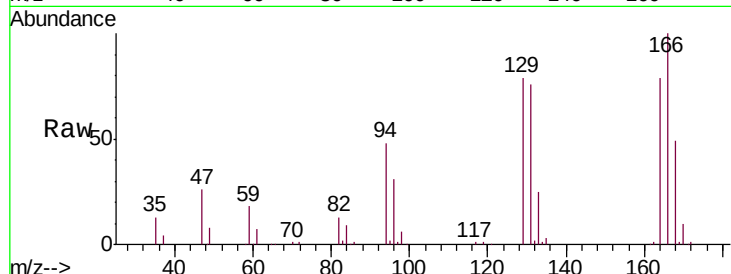
Ion Ratio Lower Upper

164 100

129 100.0 70.6 131.2

131 96.8 66.5 123.5

166 126.8 87.7 162.9

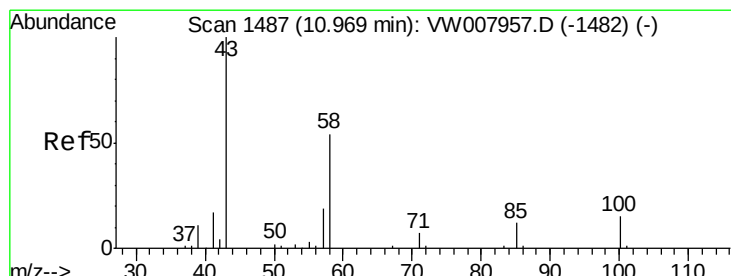
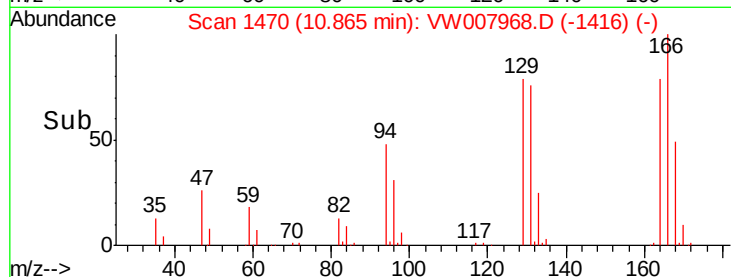
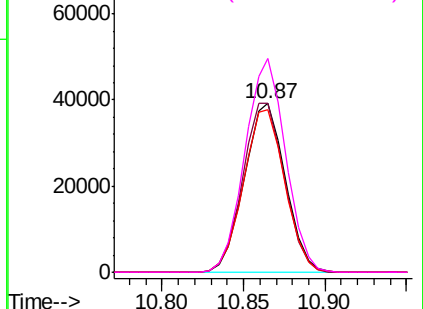


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.456 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Tgt Ion: 43 Resp: 2469

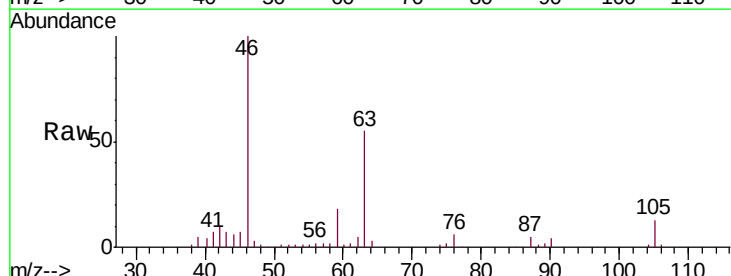
Ion Ratio Lower Upper

43 100

58 19.7 46.2 69.4#

57 21.9 17.9 26.9

100 0.0 11.4 17.2#

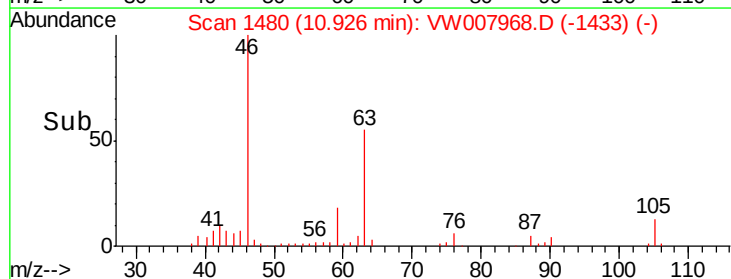
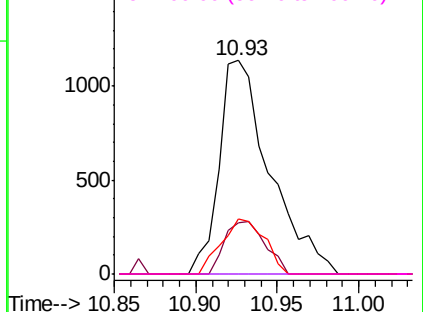


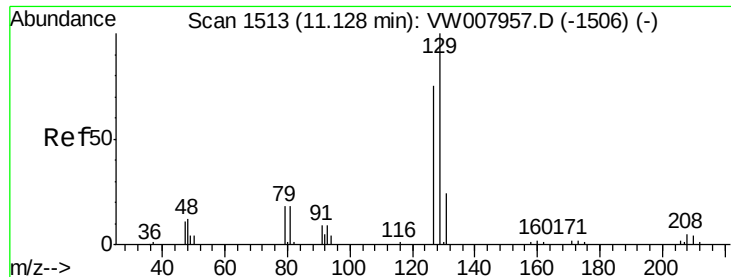
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#50

Dibromochloromethane

Concen: 81.761 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Instrument :

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ClientSampleId :

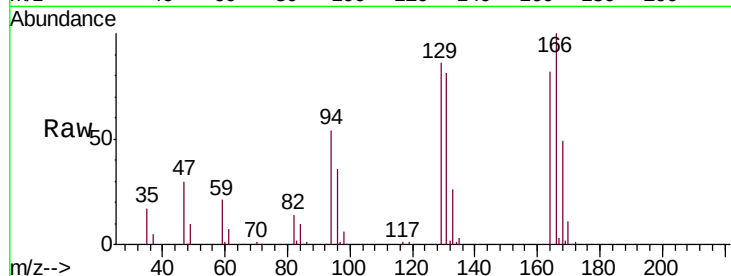
BF057RE

Tgt Ion:129 Resp: 69837

Ion Ratio Lower Upper

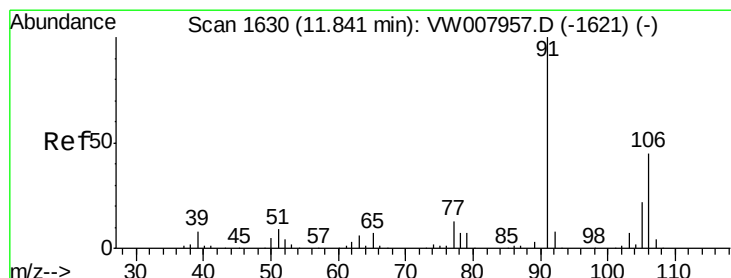
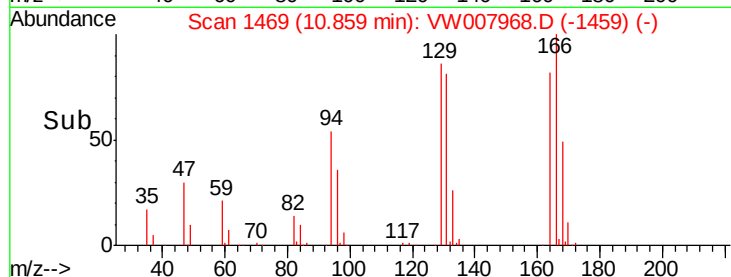
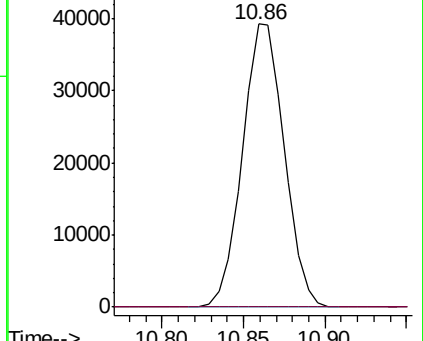
129 100

127 0.3 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

m,p-Xylene

Concen: 0.514 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007968.D

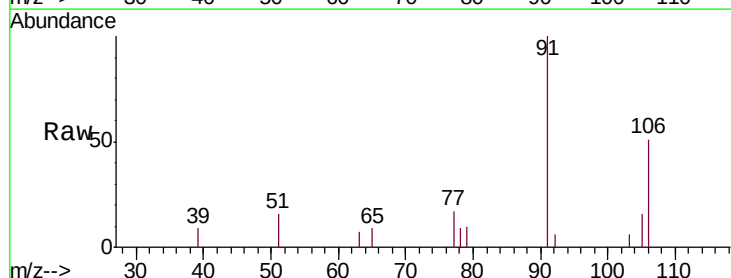
Acq: 27 Dec 2018 14:33

Tgt Ion:106 Resp: 839

Ion Ratio Lower Upper

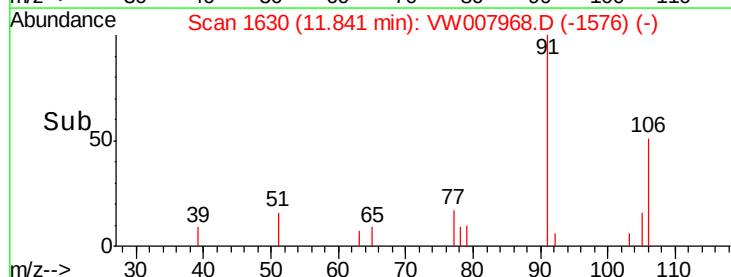
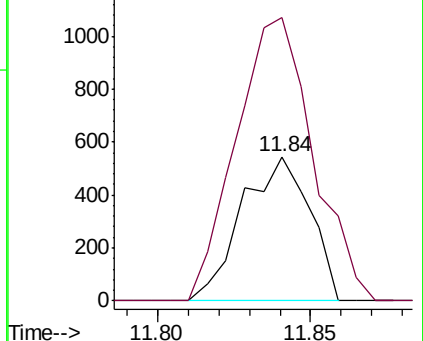
106 100

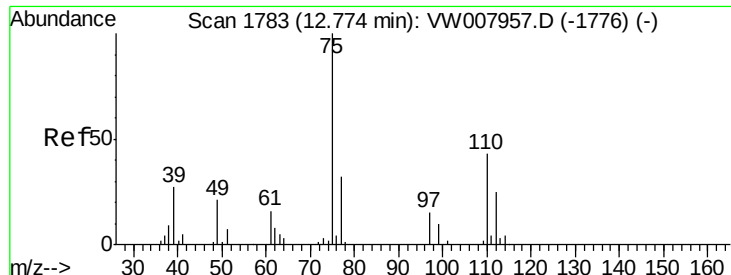
91 196.5 147.8 274.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#59

1,2,3-Trichloropropane

Concen: 2.293 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007968.D

Acq: 27 Dec 2018 14:33

Instrument :

MSVOA_W

ClientSampleId :

BF057RE

Tgt Ion: 75 Resp: 1533

Ion Ratio Lower Upper

75 100

77 37.9 25.5 38.3

