

Data File : VW007971.D
Acq On : 27 Dec 2018 15:50
Operator : SY/AP
Sample : J6507-02
Misc : 5.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZX7

Quant Time: Dec 28 04:06:30 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	117192	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	107468	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51009	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21759	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
7) Chloroethane-d5	2.89	69	15248	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.40%
10) 1,1-Dichloroethene-d2	4.01	63	44075	14.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.40%
20) 2-Butanone-d5	7.08	46	16900	34.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.62%
24) Chloroform-d	7.65	84	59483	19.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.32%
26) 1,2-Dichloroethane-d4	8.31	65	38100	20.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.52%
29) Benzene-d6	8.27	84	114160	18.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.76%
33) 1,2-Dichloropropane-d6	9.27	67	31885	19.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.80%
37) Toluene-d8	10.32	98	109157	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.36%
38) trans-1,3-Dichloropropene-	10.58	79	17570	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.68%
39) 2-Hexanone-d5	10.93	63	14261	34.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28684	18.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	40689	19.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.00%

Target Compounds

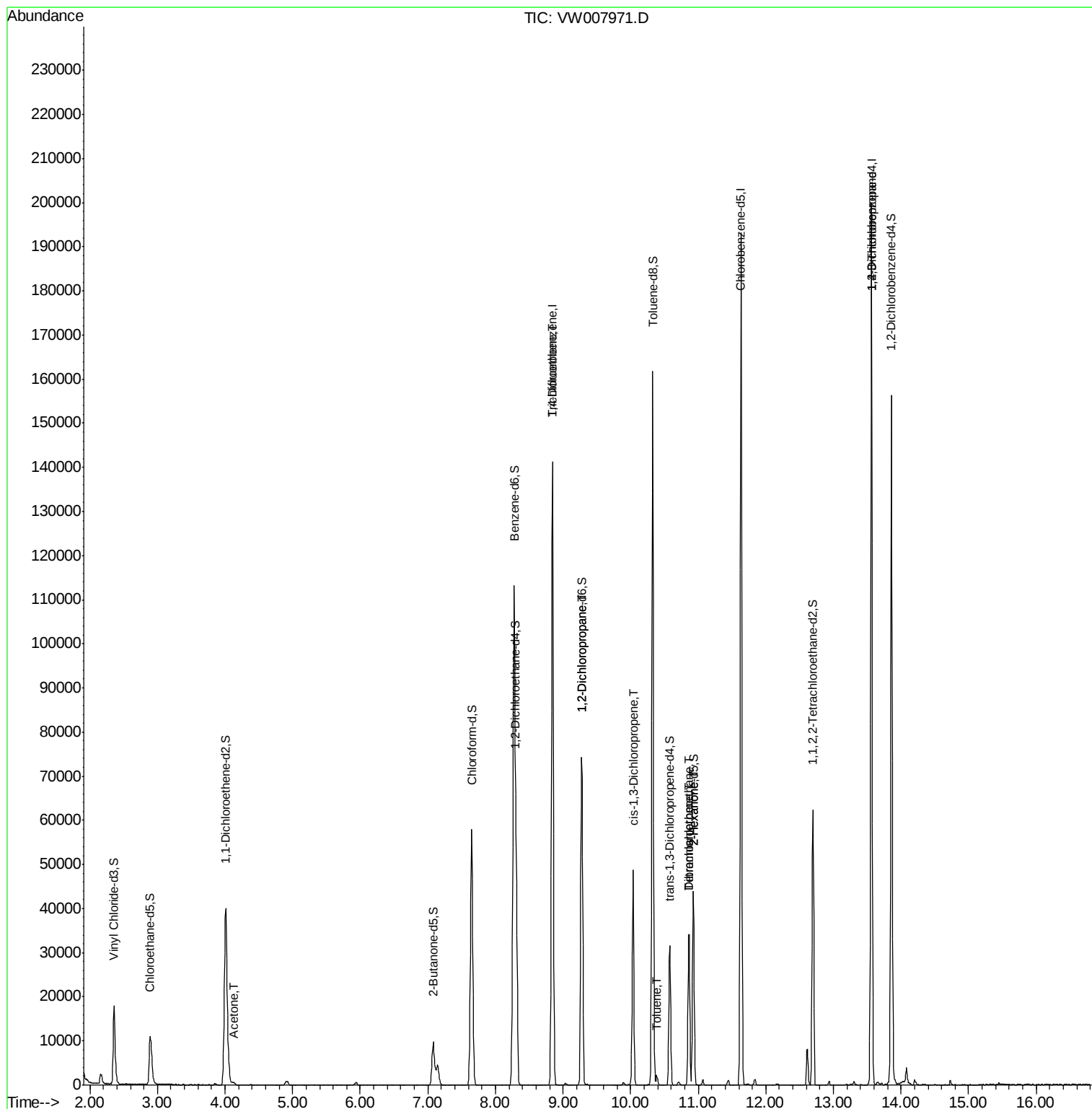
					Qvalue
13) Acetone	4.12	43	804	1.671 ug/L	80
35) Trichloroethene	8.84	95	3813	2.282 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	4138	3.061 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1408	0.597 ug/L	92
44) Toluene	10.39	91	2135	0.332 ug/L	96
47) Tetrachloroethene	10.87	164	7624	5.743 ug/L	98
49) 2-Hexanone	10.93	43	1999	2.590 ug/L #	62
50) Dibromochloromethane	10.87	129	7641	5.244 ug/L #	9
59) 1,2,3-Trichloropropane	13.56	75	5282	4.631 ug/L #	82

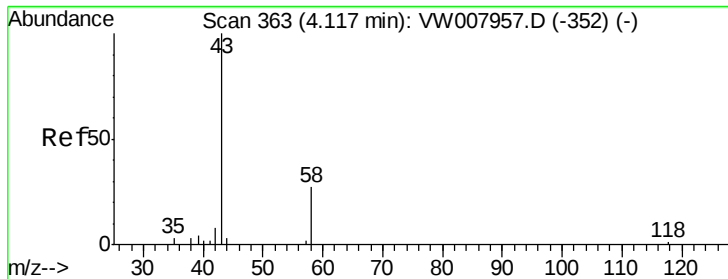
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.671 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007971.D

Acq: 27 Dec 2018 15:50

Instrument :

MSVOA_W

ClientSampleId :

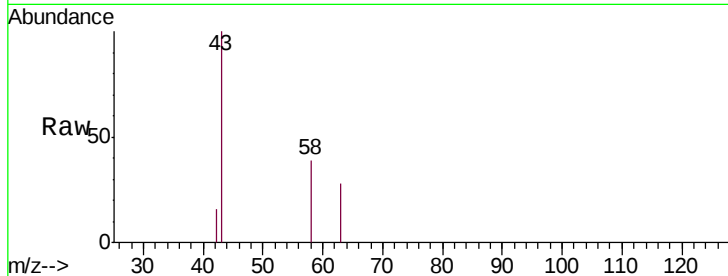
BEZX7

Tgt Ion: 43 Resp: 804

Ion Ratio Lower Upper

43 100

58 18.5 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

300

200

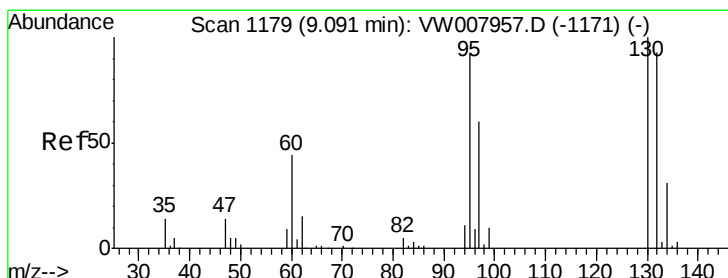
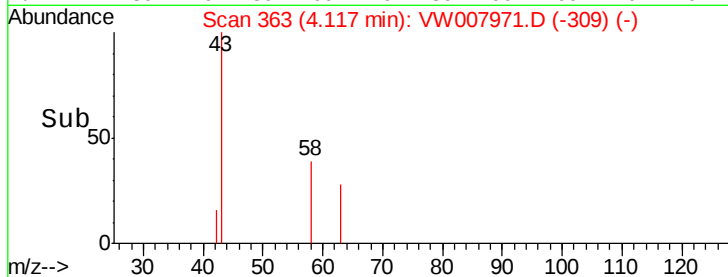
100

0

Time--> 4.05

4.10

4.15



#35

Trichloroethene

Concen: 2.282 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007971.D

Acq: 27 Dec 2018 15:50

Tgt Ion: 95 Resp: 3813

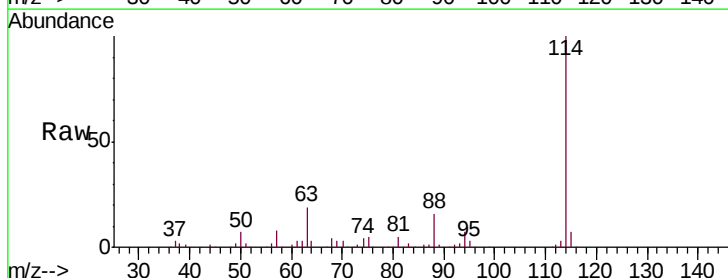
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 1.1 67.8 126.0#

130 0.0 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

2500

2000

1500

1000

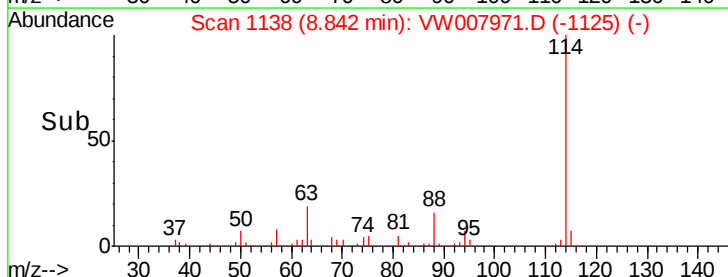
500

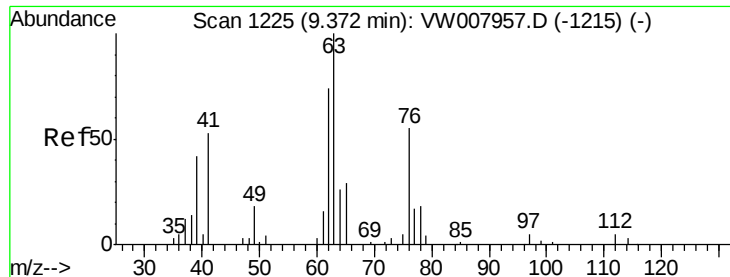
0

Time--> 8.80

8.85

8.90

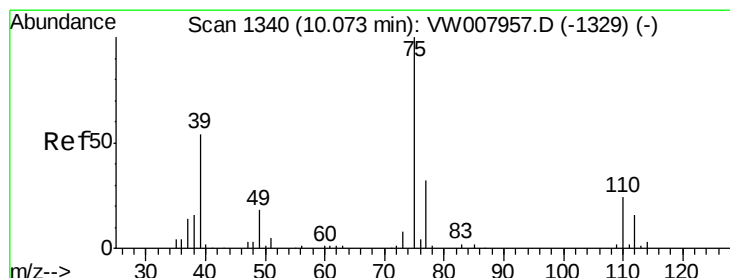
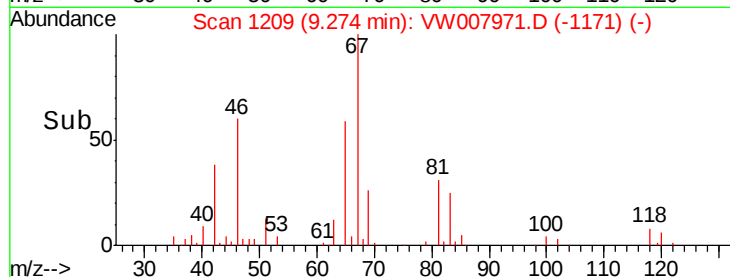
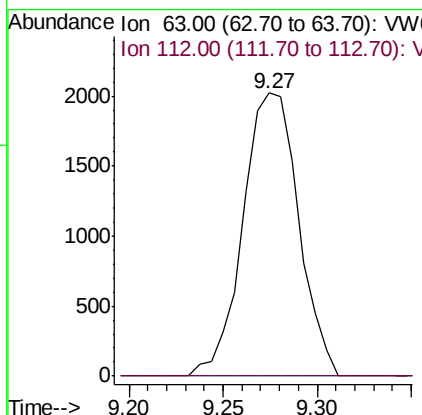
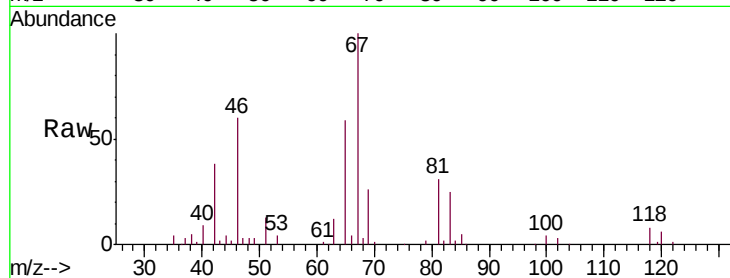




#40
 1,2-Dichloropropane
 Concen: 3.061 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007971.D
 Acq: 27 Dec 2018 15:50

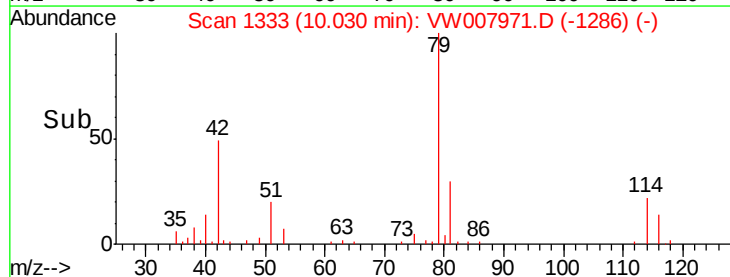
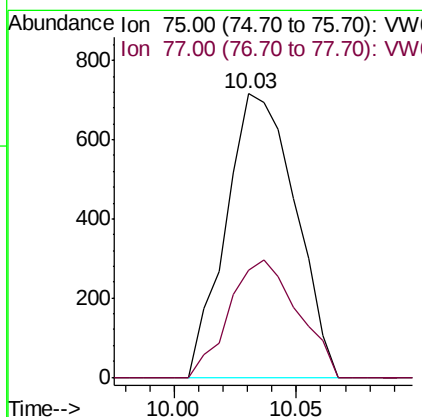
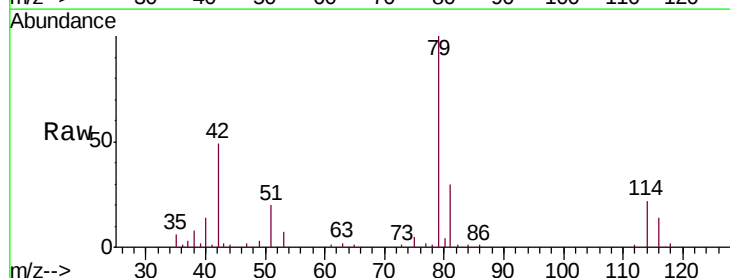
Instrument :
 MSVOA_W
 ClientSampleId :
 BEZX7

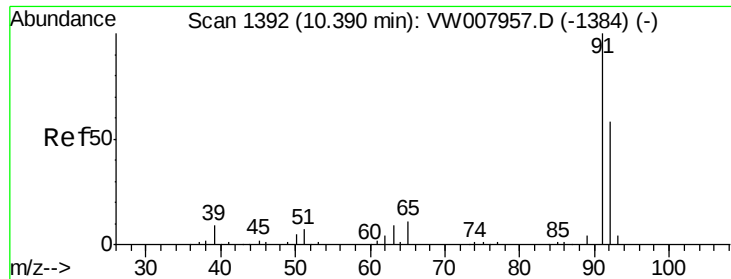
Tgt Ion: 63 Resp: 4138
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.597 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007971.D
 Acq: 27 Dec 2018 15:50

Tgt Ion: 75 Resp: 1408
 Ion Ratio Lower Upper
 75 100
 77 37.6 23.0 42.8





#44

Toluene

Concen: 0.332 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007971.D

Acq: 27 Dec 2018 15:50

Instrument :

MSVOA_W

ClientSampleId :

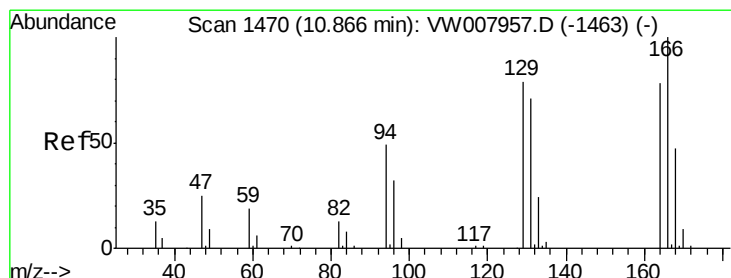
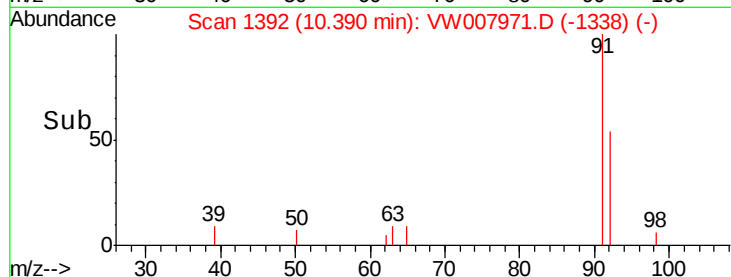
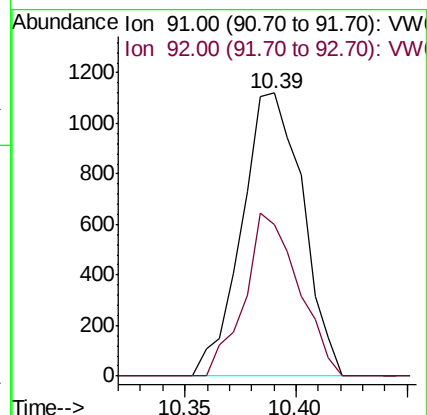
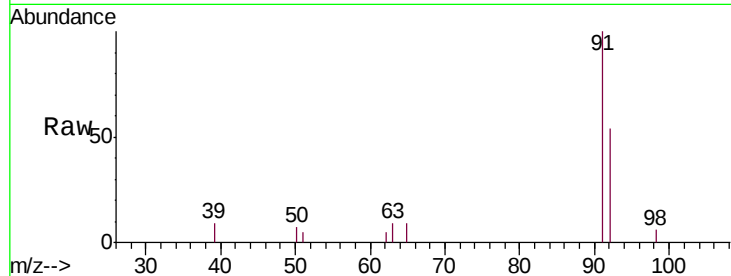
BEZX7

Tgt Ion: 91 Resp: 2135

Ion Ratio Lower Upper

91 100

92 53.6 39.6 73.6



#47

Tetrachloroethene

Concen: 5.743 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW007971.D

Acq: 27 Dec 2018 15:50

Tgt Ion: 164 Resp: 7624

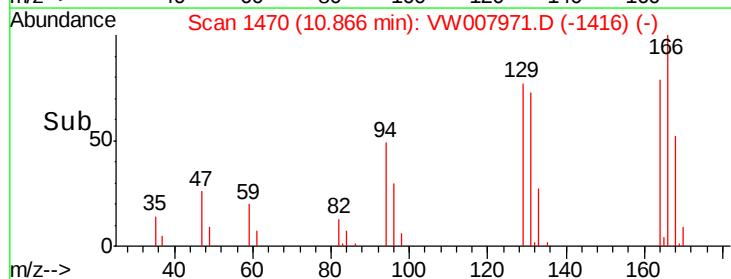
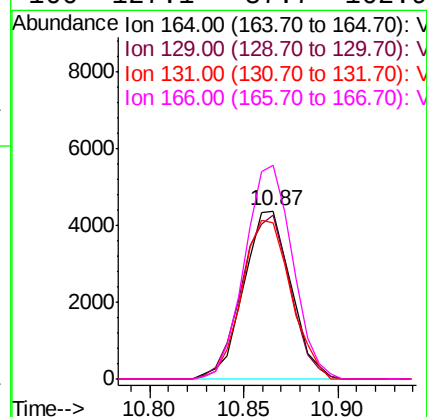
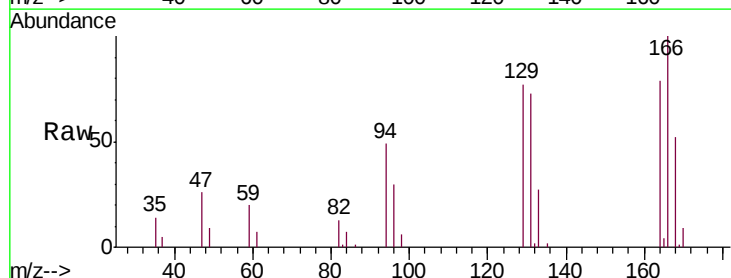
Ion Ratio Lower Upper

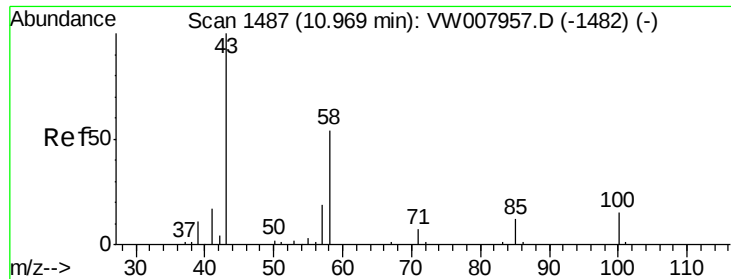
164 100

129 97.6 70.6 131.2

131 93.1 66.5 123.5

166 127.1 87.7 162.9





#49

2-Hexanone

Concen: 2.590 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007971.D

Acq: 27 Dec 2018 15:50

Instrument :

MSVOA_W

ClientSampleId :

BEZX7

Tgt Ion: 43 Resp: 1999

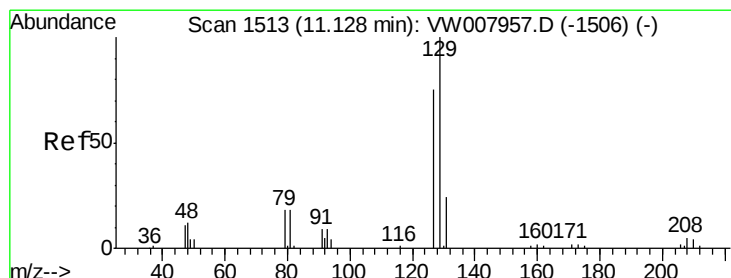
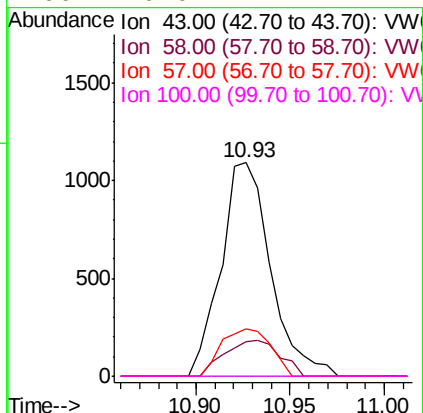
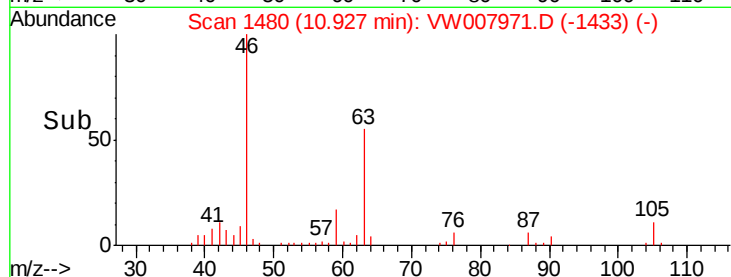
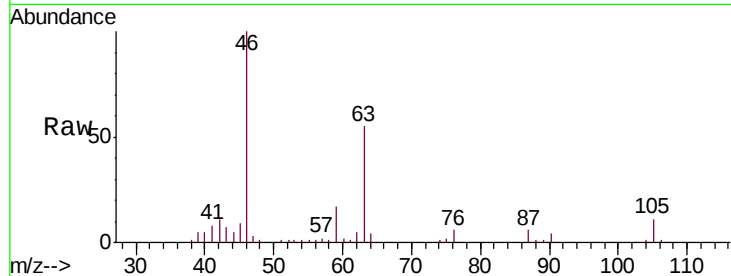
Ion Ratio Lower Upper

43 100

58 18.8 46.2 69.4#

57 22.0 17.9 26.9

100 0.0 11.4 17.2#



#50

Dibromochloromethane

Concen: 5.244 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW007971.D

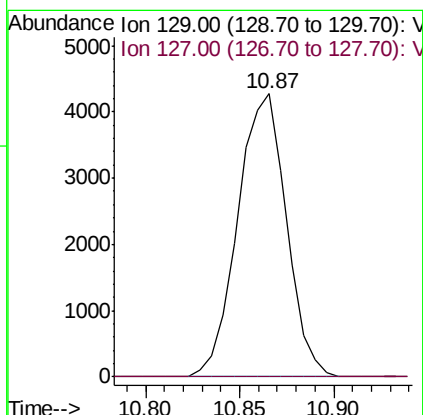
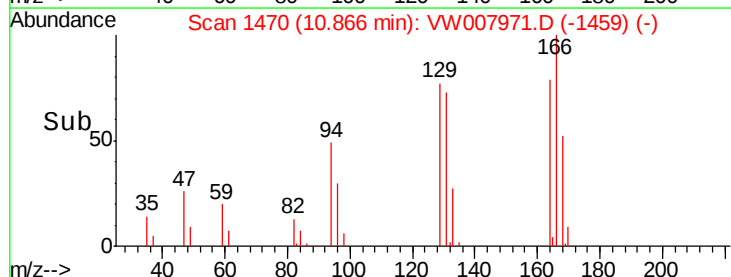
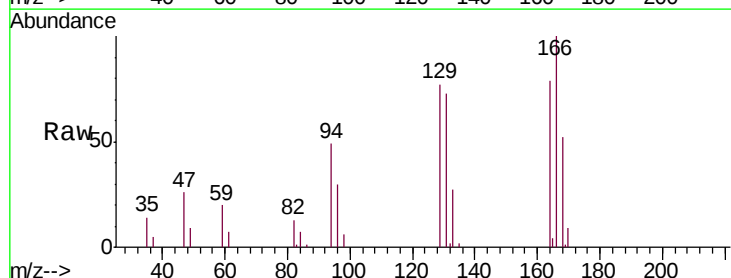
Acq: 27 Dec 2018 15:50

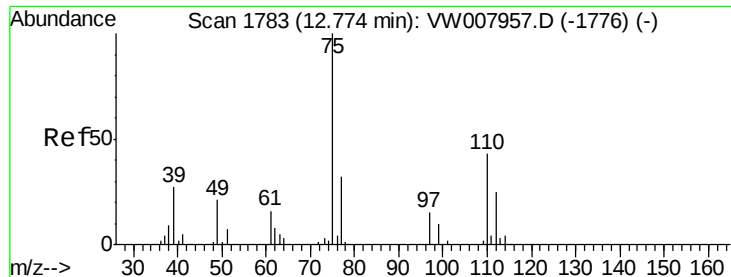
Tgt Ion: 129 Resp: 7641

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#





#59

1,2,3-Trichloropropane

Concen: 4.631 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007971.D

Acq: 27 Dec 2018 15:50

Instrument :

MSVOA_W

ClientSampleId :

BEZX7

Tgt Ion: 75 Resp: 5282

Ion Ratio Lower Upper

75 100

77 42.0 25.5 38.3#

