

Data File : VW007942.D
Acq On : 27 Dec 2018 01:34
Operator : SY/AP
Sample : J6506-02
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZX9

Quant Time: Dec 27 03:09:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 03:06:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	95707	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	86407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	38478	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23445	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
7) Chloroethane-d5	2.90	69	15969	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.52%
10) 1,1-Dichloroethene-d2	4.01	63	46307	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.08	46	13567	33.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.46%
24) Chloroform-d	7.65	84	62686	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.31	65	39102	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.44%
29) Benzene-d6	8.27	84	119376	24.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.52%
33) 1,2-Dichloropropane-d6	9.27	67	33253	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.92%
37) Toluene-d8	10.32	98	113635	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	10.58	79	16648	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.00%
39) 2-Hexanone-d5	10.93	63	11352	33.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28967	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	36847	23.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.84%

Target Compounds

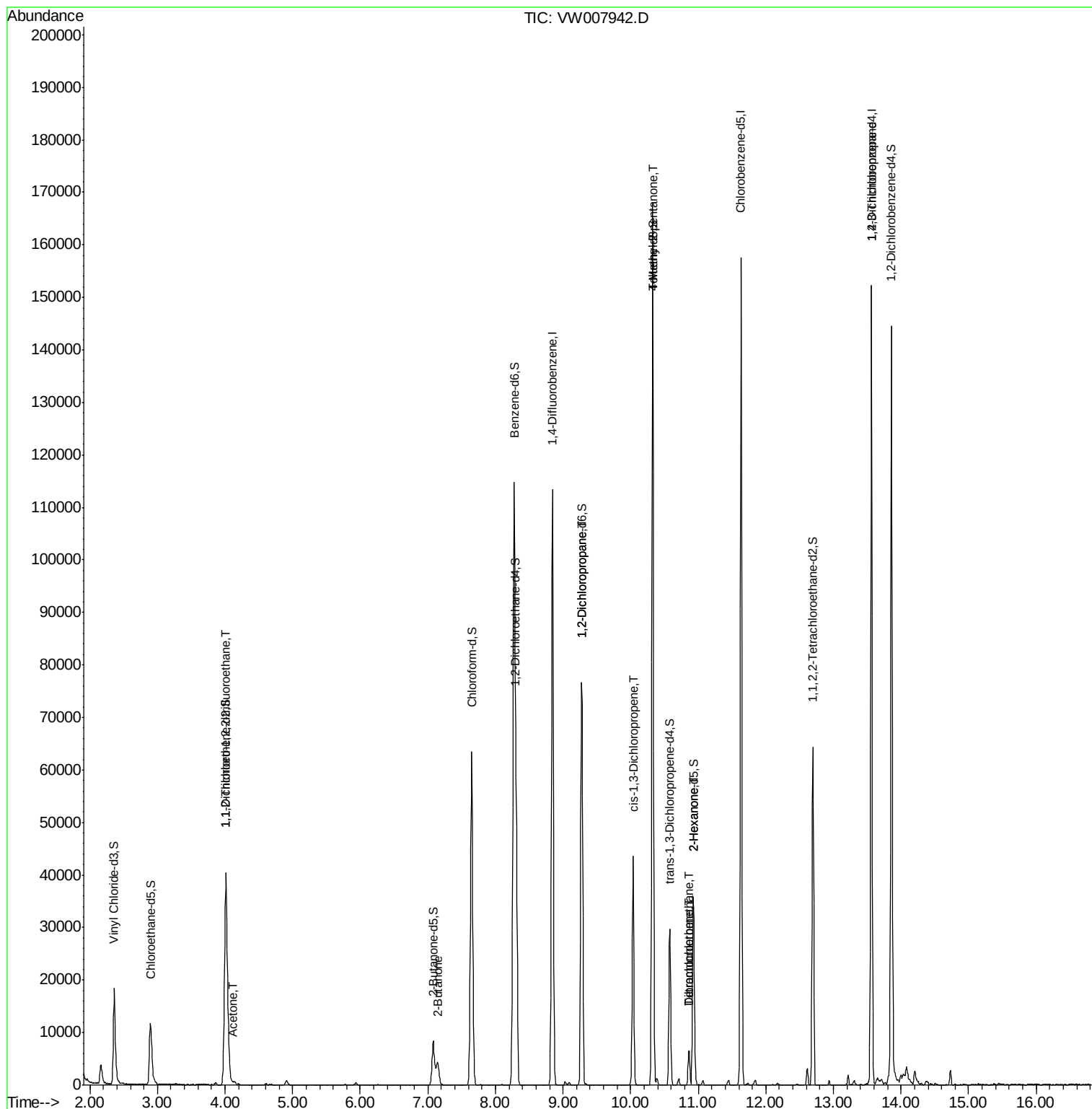
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	368	0.305	ug/L #	18
13) Acetone	4.12	43	657	1.672	ug/L	80
21) 2-Butanone	7.15	43	650	1.454	ug/L #	46
40) 1,2-Dichloropropane	9.27	63	4479	4.121	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1099	0.579	ug/L #	64
43) 4-Methyl-2-pentanone	10.33	43	553	0.643	ug/L #	1
47) Tetrachloroethene	10.86	164	1551	1.453	ug/L	94
49) 2-Hexanone	10.93	43	1802	2.903	ug/L #	63
50) Dibromochloromethane	10.86	129	1522	1.299	ug/L #	9
59) 1,2,3-Trichloropropane	13.56	75	4204	4.584	ug/L #	80

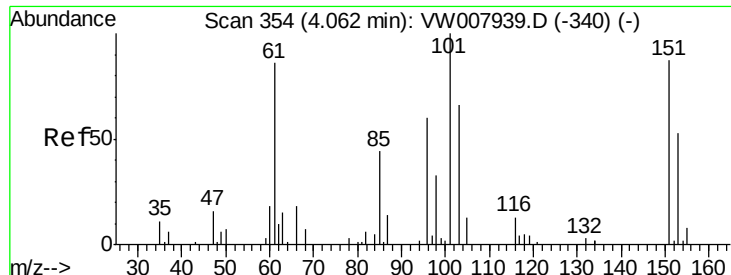
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.305 ug/L

RT: 4.01 min Scan# 345

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampleId :

BEZX9

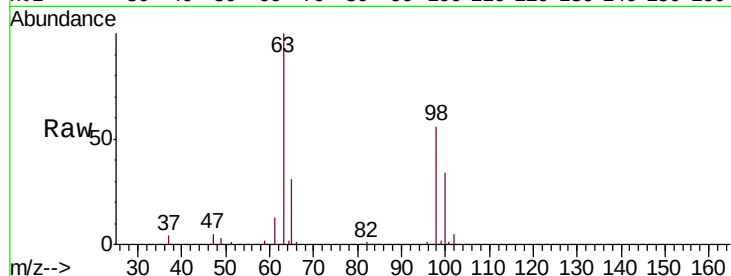
Tgt Ion: 101 Resp: 368

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.2#

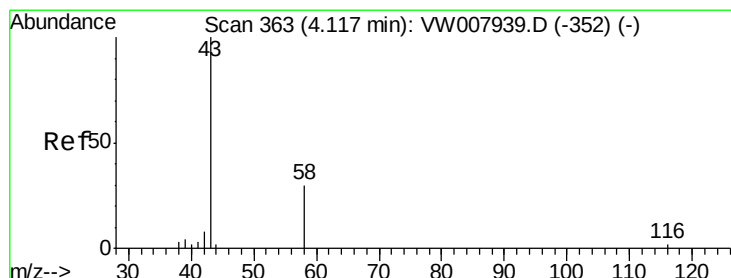
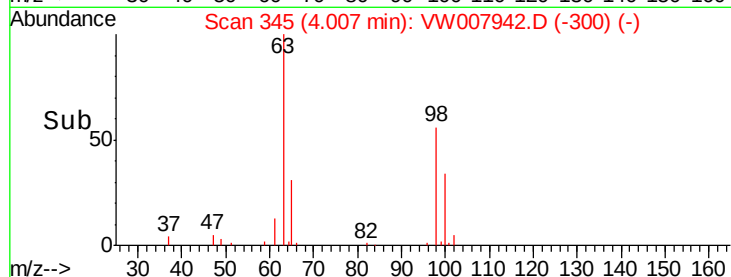
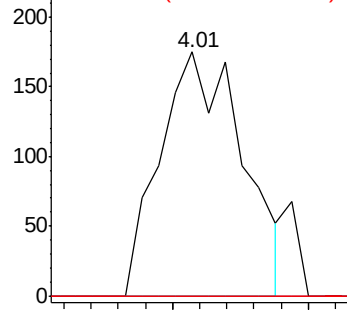
151 0.0 63.2 94.8#



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



#13

Acetone

Concen: 1.672 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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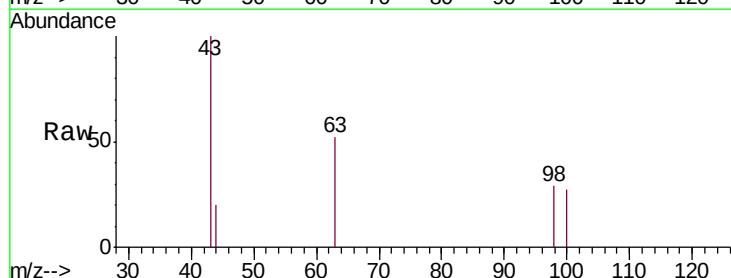
Acq: 27 Dec 2018 01:34

Tgt Ion: 43 Resp: 657

Ion Ratio Lower Upper

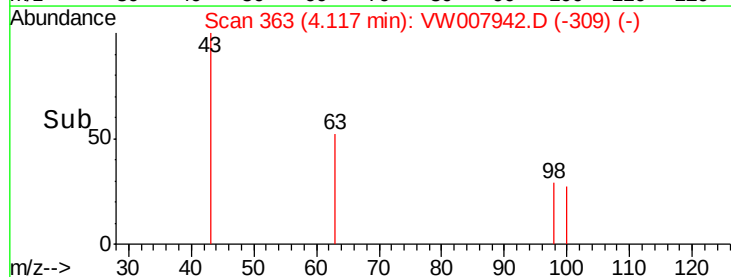
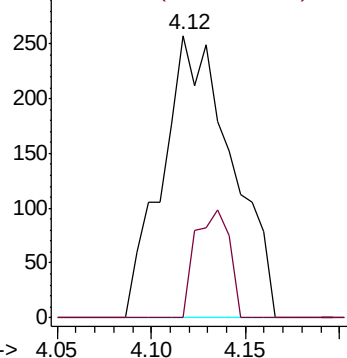
43 100

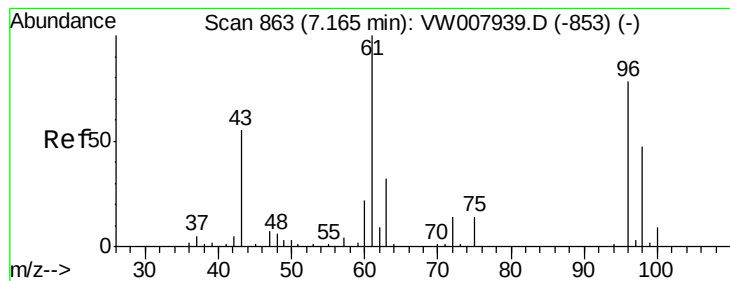
58 18.7 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#21

2-Butanone

Concen: 1.454 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW007942.D

Acq: 27 Dec 2018 01:34

Instrument :

MSVOA_W

ClientSampled :

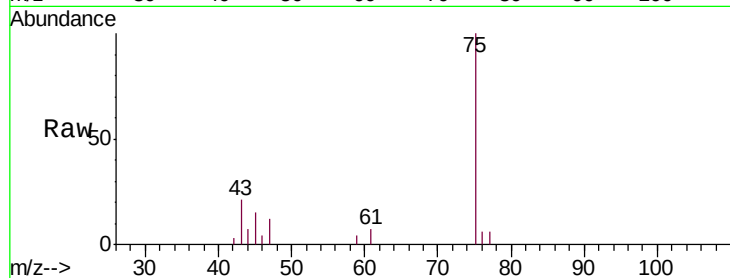
BEZX9

Tgt Ion: 43 Resp: 650

Ion Ratio Lower Upper

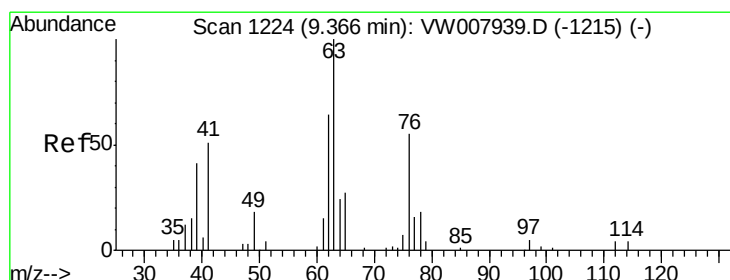
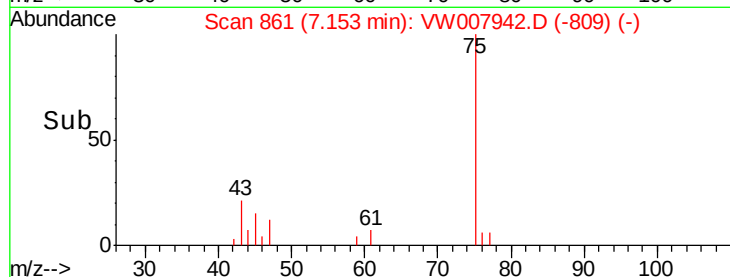
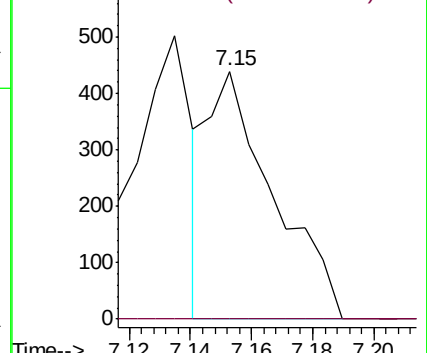
43 100

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



#40

1,2-Dichloropropane

Concen: 4.121 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007942.D

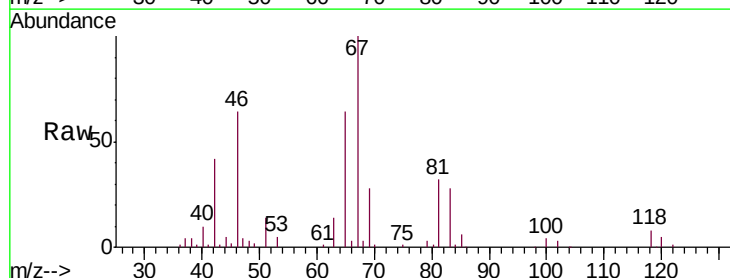
Acq: 27 Dec 2018 01:34

Tgt Ion: 63 Resp: 4479

Ion Ratio Lower Upper

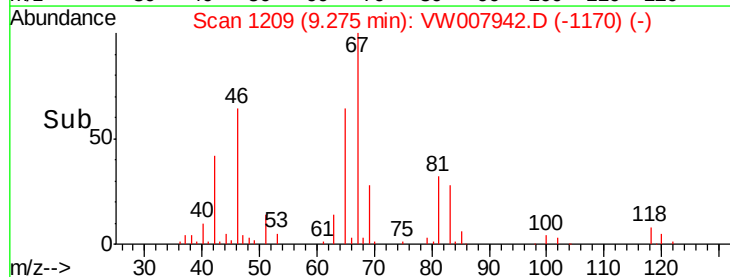
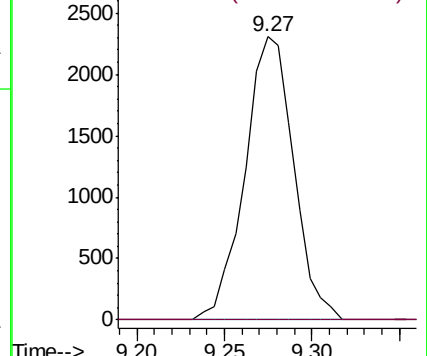
63 100

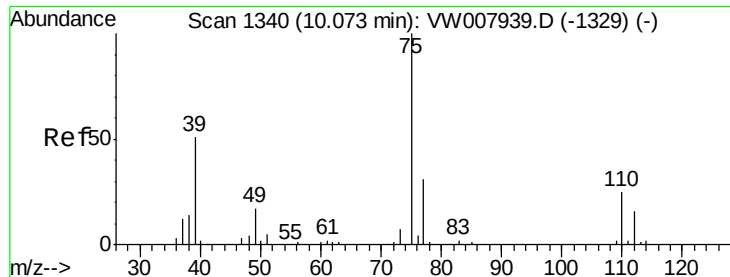
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

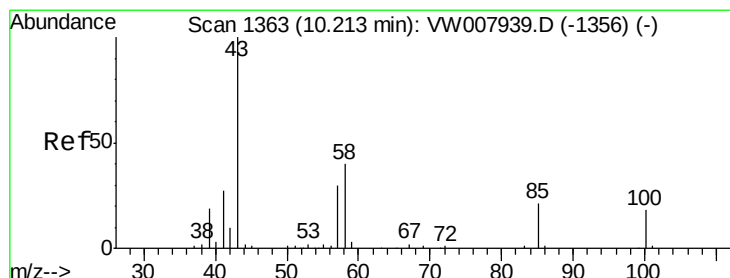
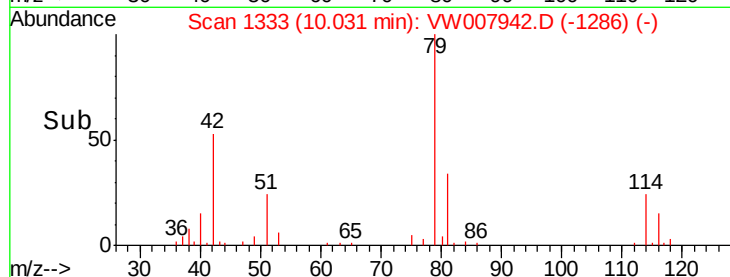
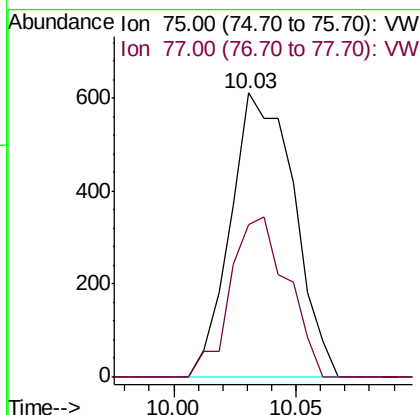
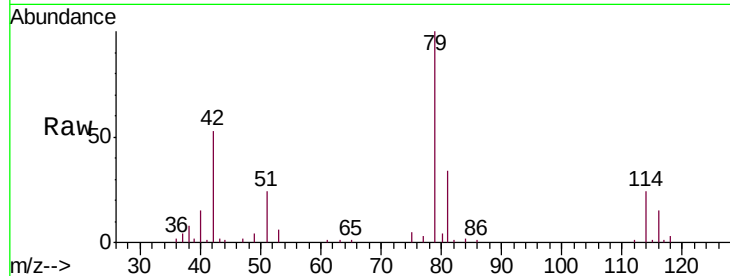




#42
 cis-1,3-Dichloropropene
 Concen: 0.579 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007942.D
 Acq: 27 Dec 2018 01:34

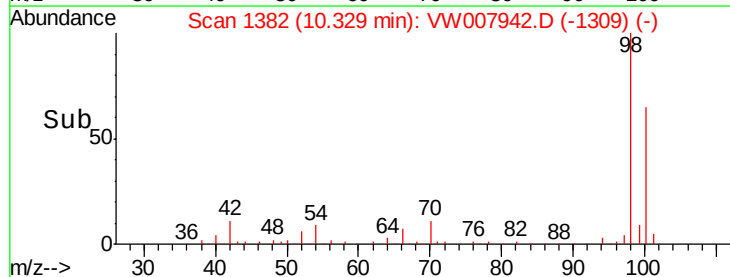
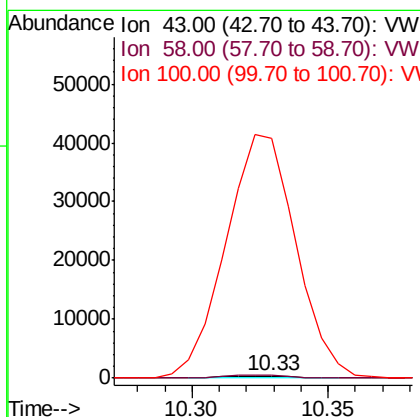
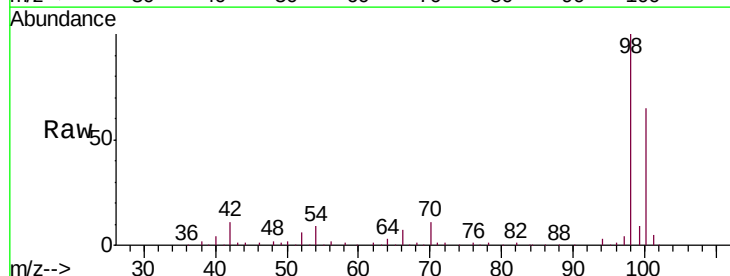
Instrument :
 MSVOA_W
 ClientSampleId :
 BEZX9

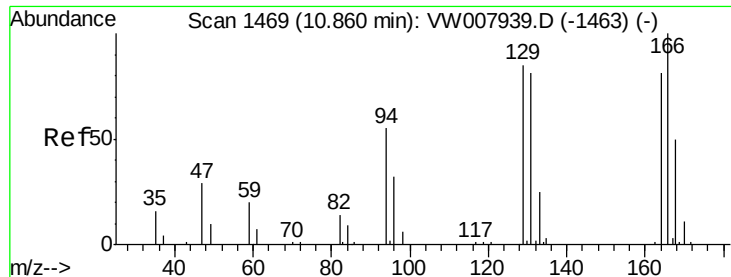
Tgt Ion: 75 Resp: 1099
 Ion Ratio Lower Upper
 75 100
 77 53.4 23.0 42.8#



#43
 4-Methyl-2-pentanone
 Concen: 0.643 ug/L
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.12 min
 Lab File: VW007942.D
 Acq: 27 Dec 2018 01:34

Tgt Ion: 43 Resp: 553
 Ion Ratio Lower Upper
 43 100
 58 163.7 31.1 46.7#
 100 13405.4 14.0 21.0#





#47

Tetrachloroethene

Concen: 1.453 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW007942.D

Acq: 27 Dec 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

BEZX9

Tgt Ion: 164 Resp: 1551

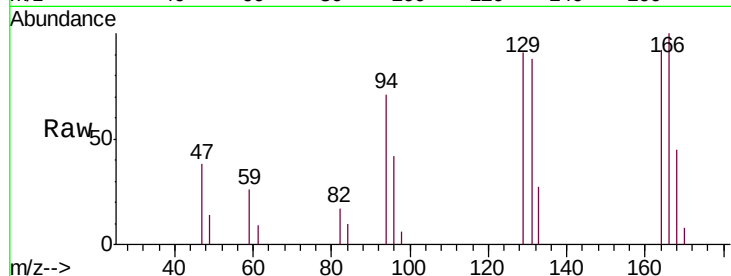
Ion Ratio Lower Upper

164 100

129 99.2 70.6 131.2

131 95.5 66.5 123.5

166 108.7 87.7 162.9

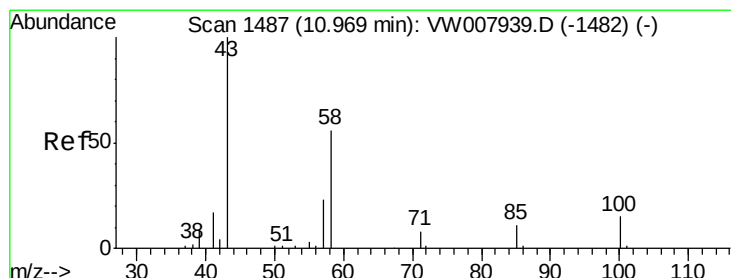
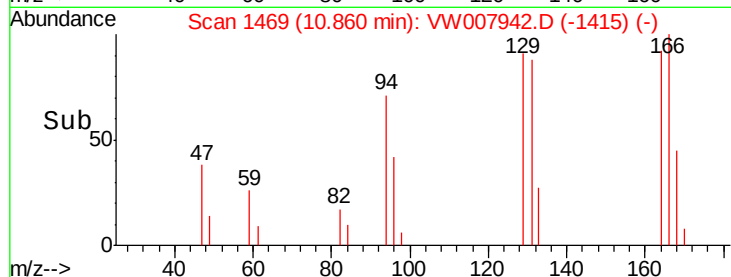
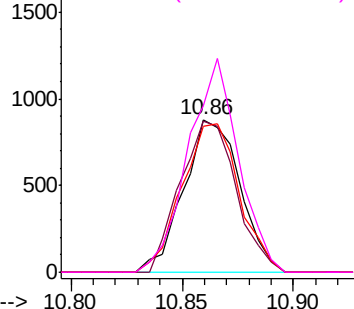


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.903 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007942.D

Acq: 27 Dec 2018 01:34

Tgt Ion: 43 Resp: 1802

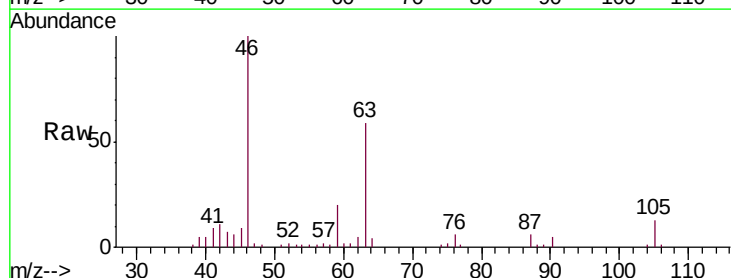
Ion Ratio Lower Upper

43 100

58 19.4 46.2 69.4#

57 22.8 17.9 26.9

100 0.0 11.4 17.2#

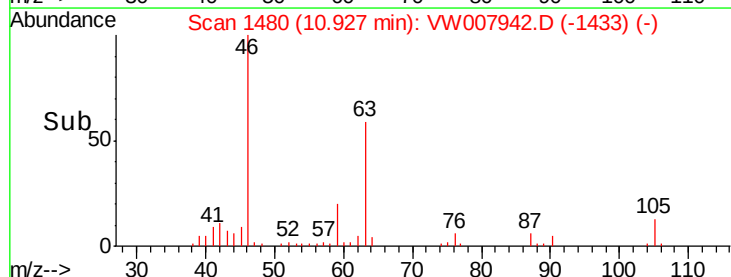
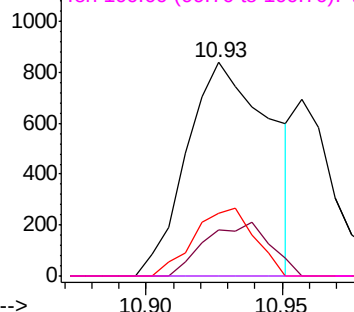


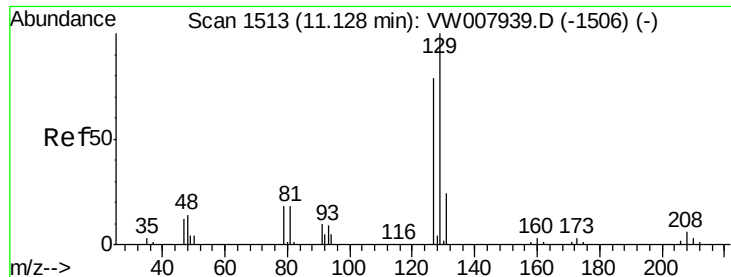
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 1.299 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW007942.D

Acq: 27 Dec 2018 01:34

Instrument :

MSVOA_W

ClientSampleId :

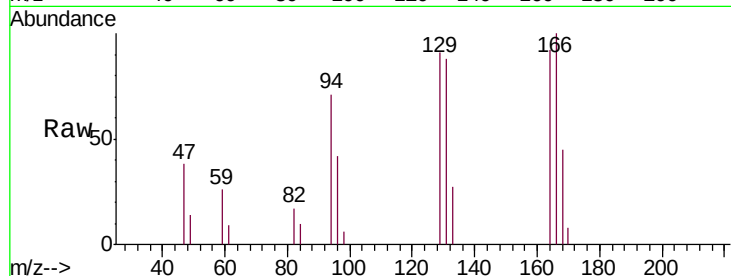
BEZX9

Tgt Ion: 129 Resp: 1522

Ion Ratio Lower Upper

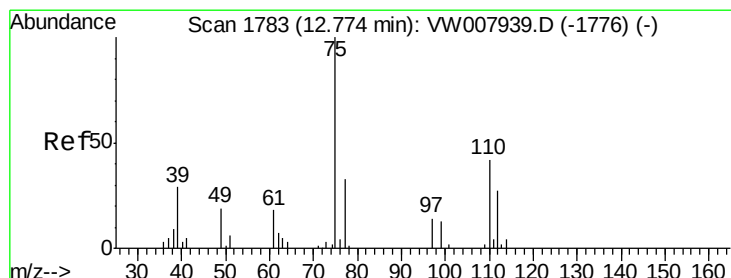
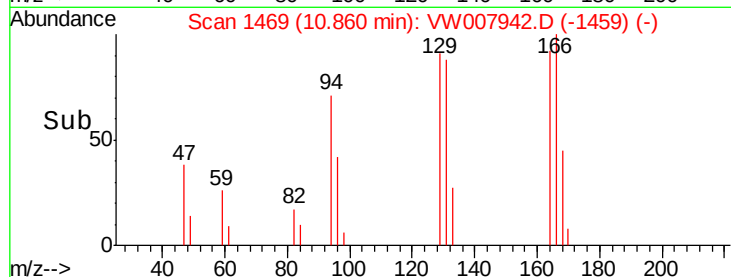
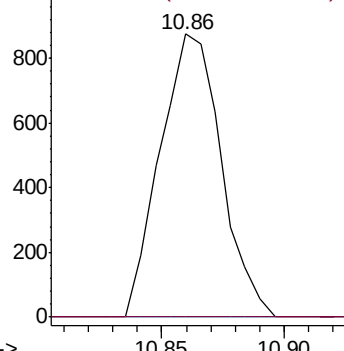
129 100

127 0.0 55.8 103.6#



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: 4.584 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007942.D

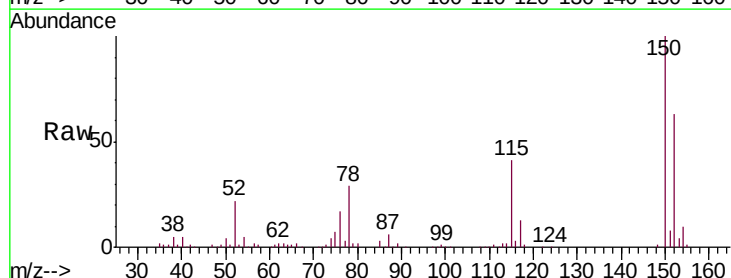
Acq: 27 Dec 2018 01:34

Tgt Ion: 75 Resp: 4204

Ion Ratio Lower Upper

75 100

77 42.8 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

