

Data File : VW007969.D
Acq On : 27 Dec 2018 14:59
Operator : SY/AP
Sample : J6506-16
Misc : 5.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZY6RE

Quant Time: Dec 28 04:06:08 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	37498	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	33043	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	13924	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	9322	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.92%
7) Chloroethane-d5	2.89	69	6838	27.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.88%
10) 1,1-Dichloroethene-d2	4.01	63	18023	18.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.08%
20) 2-Butanone-d5	7.08	46	7289	46.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.50%
24) Chloroform-d	7.65	84	22168	22.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	8.30	65	14482	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.27	84	44489	24.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.04%
33) 1,2-Dichloropropane-d6	9.27	67	12378	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.24%
37) Toluene-d8	10.32	98	40682	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.12%
38) trans-1,3-Dichloropropene-	10.58	79	6296	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.93	63	5815	45.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	11470	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	12779	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%

Target Compounds

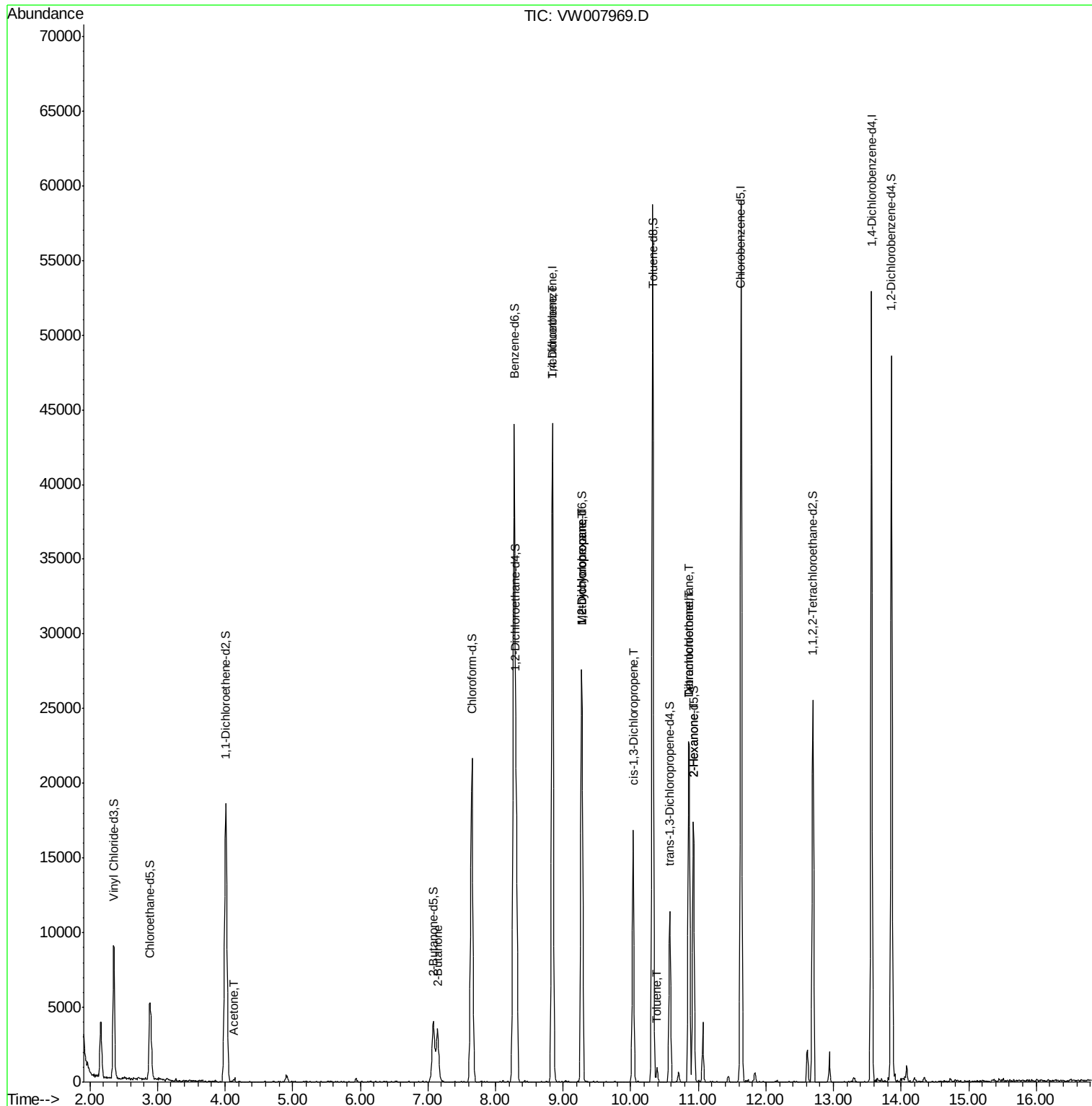
					Qvalue
13) Acetone	4.13	43	306	1.987 ug/L #	45
21) 2-Butanone	7.15	43	94	0.537 ug/L #	46
35) Trichloroethene	8.84	95	1239	2.412 ug/L #	5
36) Methylcyclohexane	9.27	83	3350	3.803 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	1551	3.732 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	357	0.492 ug/L #	1
44) Toluene	10.39	91	977	0.494 ug/L	99
47) Tetrachloroethene	10.87	164	5170	12.667 ug/L	92
49) 2-Hexanone	10.93	43	841	3.543 ug/L #	63
50) Dibromochloromethane	10.86	129	5388	12.027 ug/L #	9

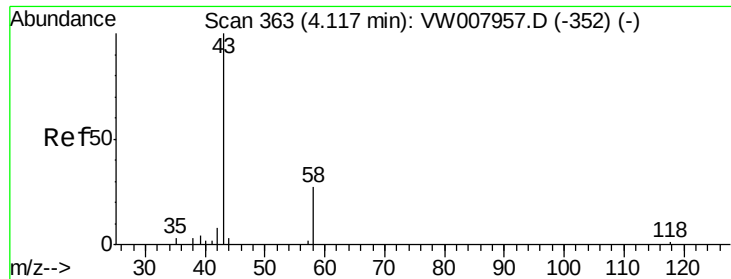
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.987 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007969.D

Acq: 27 Dec 2018 14:59

Instrument :

MSVOA_W

ClientSampled :

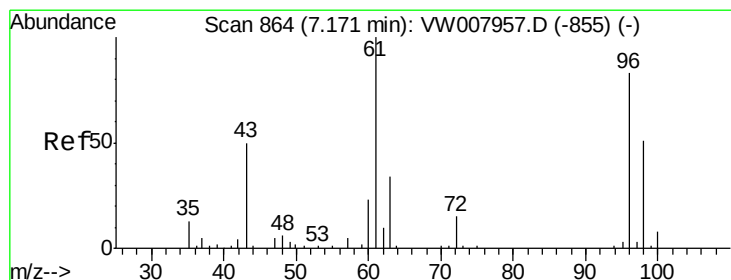
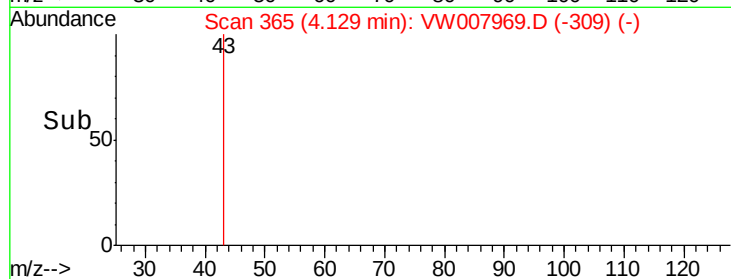
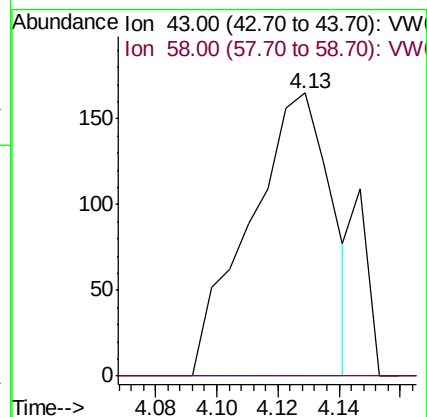
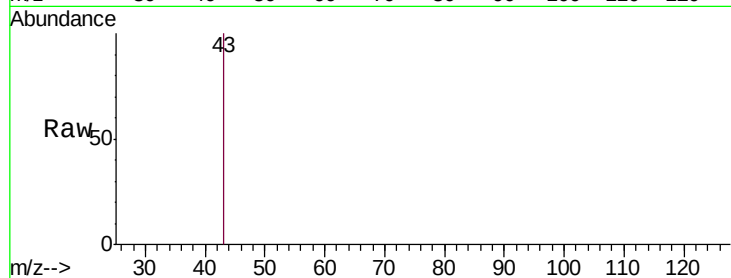
BEZY6RE

Tgt Ion: 43 Resp: 306

Ion Ratio Lower Upper

43 100

58 0.0 0.0 58.6



#21

2-Butanone

Concen: 0.537 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW007969.D

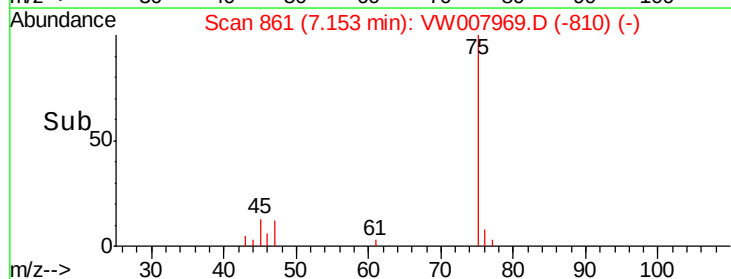
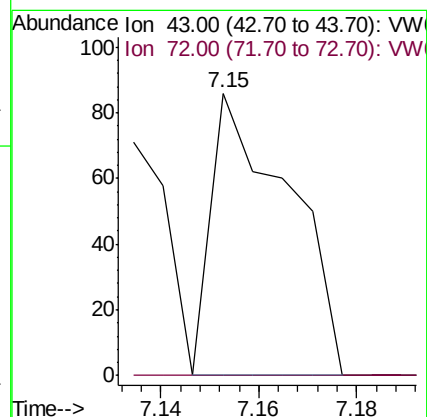
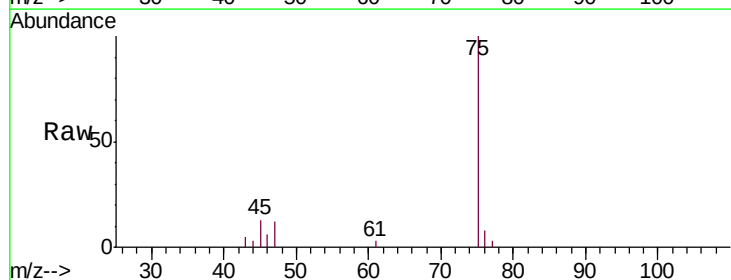
Acq: 27 Dec 2018 14:59

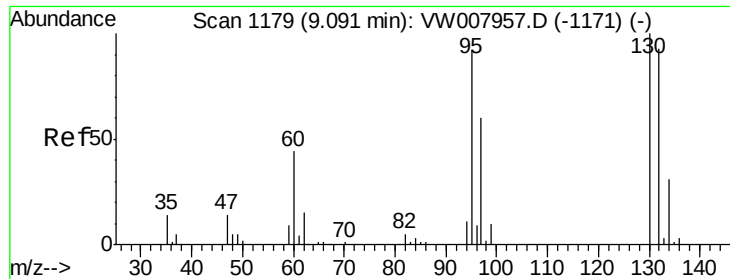
Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

43 100

72 0.0 14.4 43.4#





#35

Trichloroethene

Concen: 2.412 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007969.D

Acq: 27 Dec 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

BEZY6RE

Tgt Ion: 95 Resp: 1239

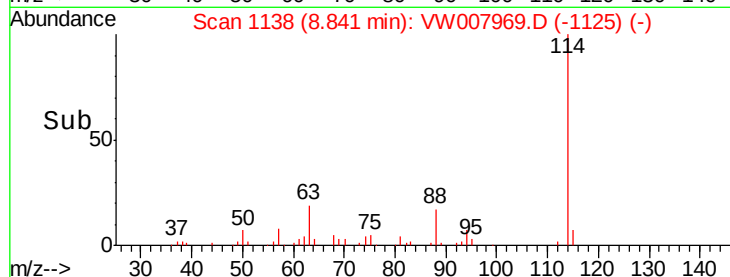
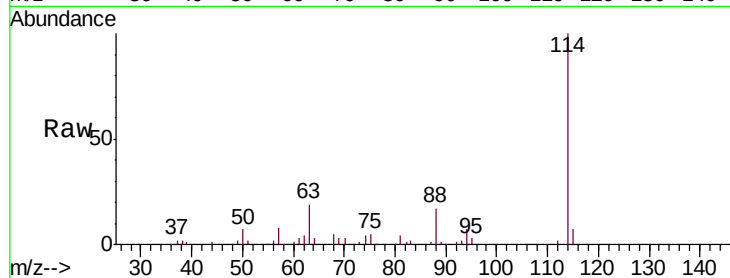
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

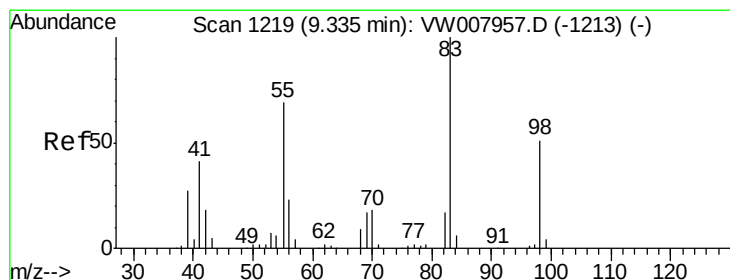
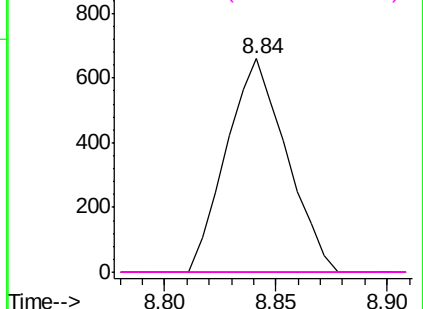


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.803 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007969.D

Acq: 27 Dec 2018 14:59

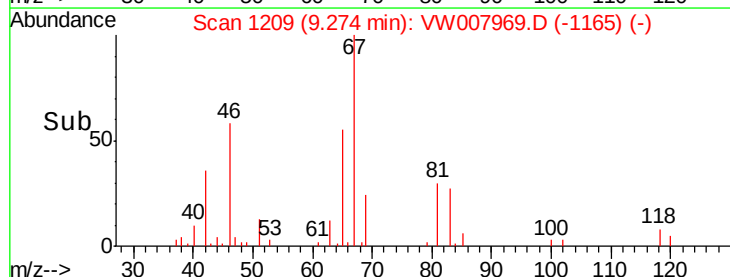
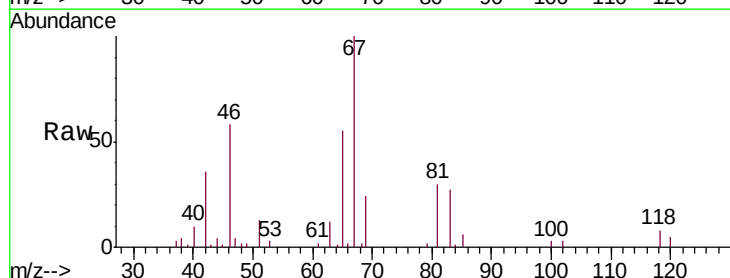
Tgt Ion: 83 Resp: 3350

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

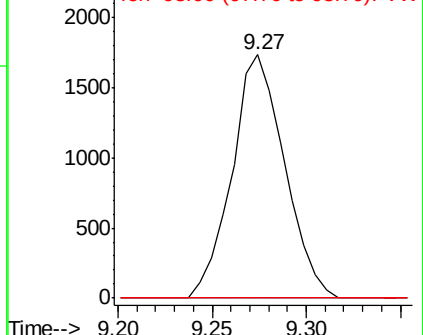
98 0.0 38.2 57.2#

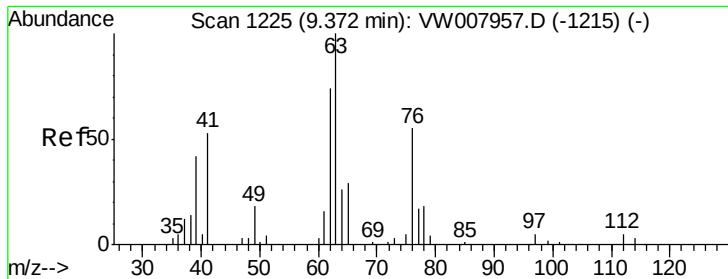


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.732 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007969.D

Acq: 27 Dec 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

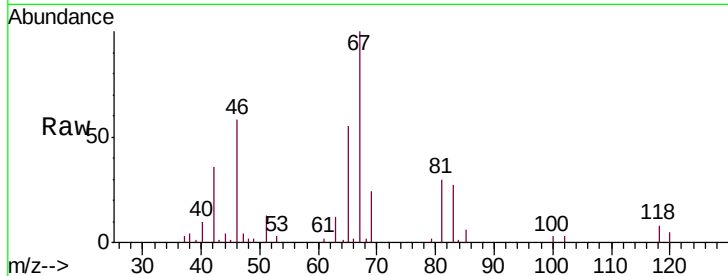
BEZY6RE

Tgt Ion: 63 Resp: 1551

Ion Ratio Lower Upper

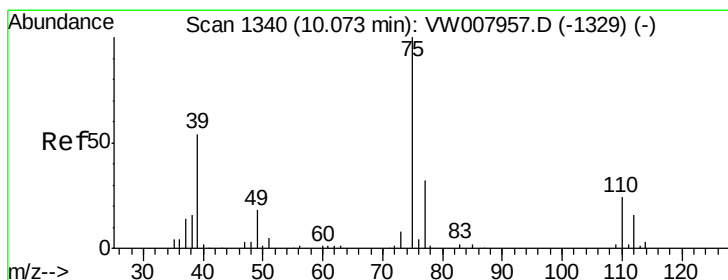
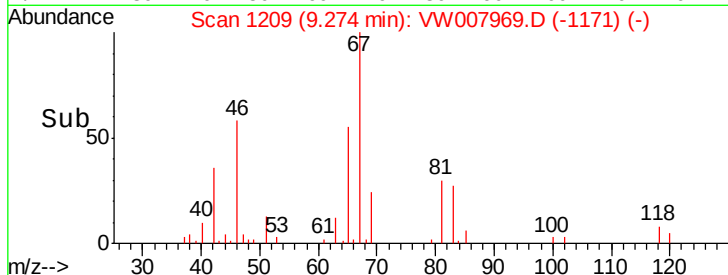
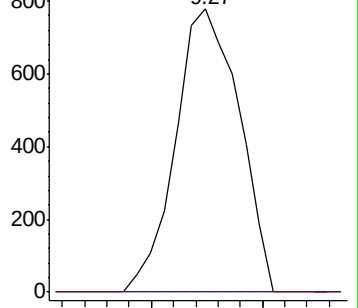
63 100

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): VW



#42

cis-1,3-Dichloropropene

Concen: 0.492 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007969.D

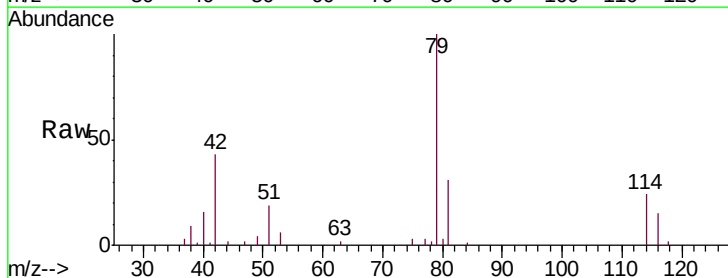
Acq: 27 Dec 2018 14:59

Tgt Ion: 75 Resp: 357

Ion Ratio Lower Upper

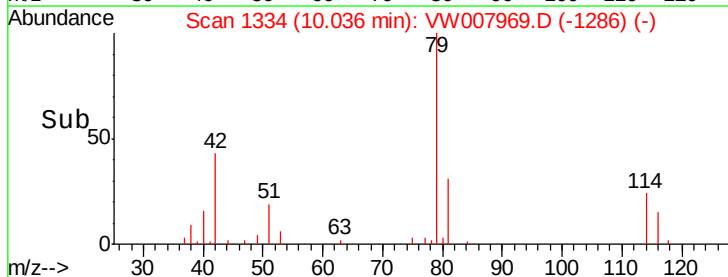
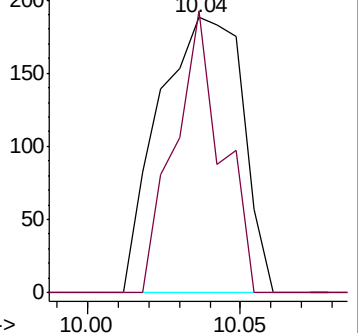
75 100

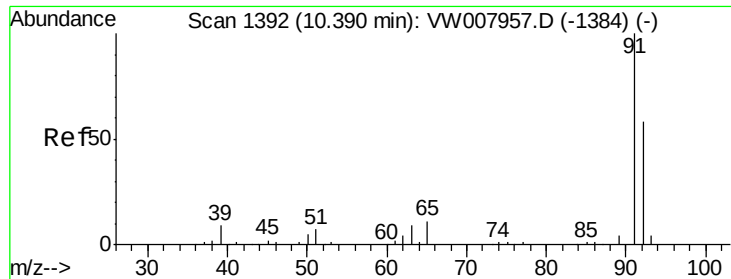
77 102.7 23.0 42.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.494 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007969.D

Acq: 27 Dec 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

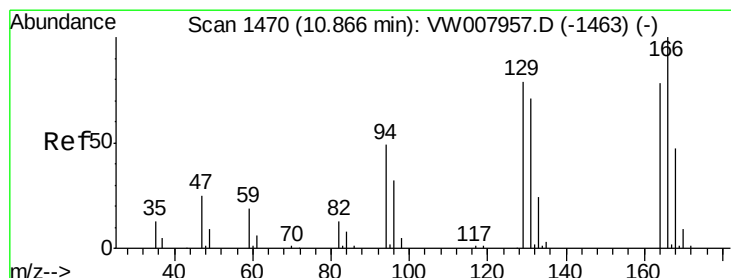
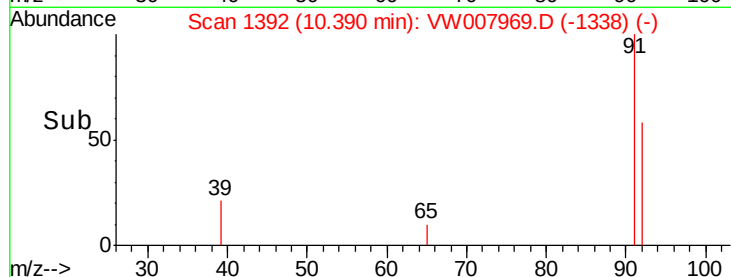
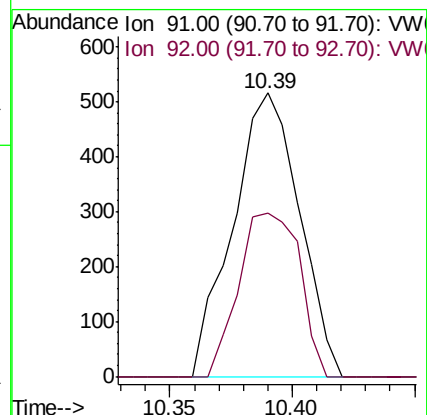
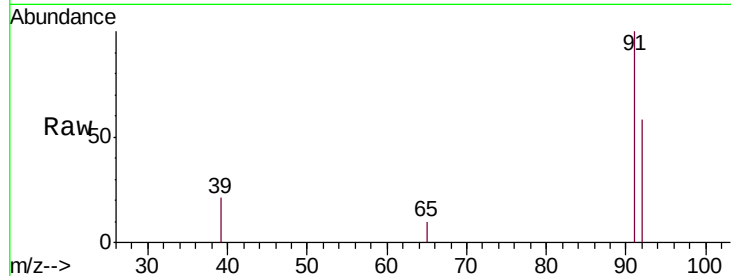
BEZY6RE

Tgt Ion: 91 Resp: 977

Ion Ratio Lower Upper

91 100

92 57.6 39.6 73.6



#47

Tetrachloroethene

Concen: 12.667 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW007969.D

Acq: 27 Dec 2018 14:59

Tgt Ion: 164 Resp: 5170

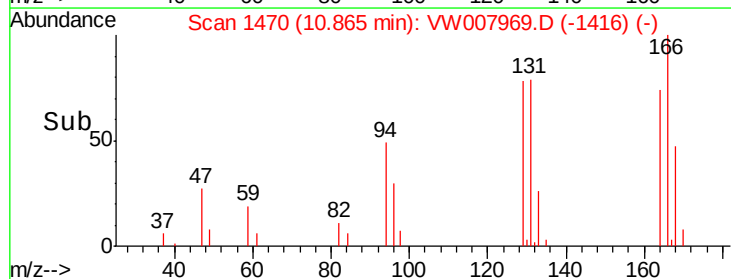
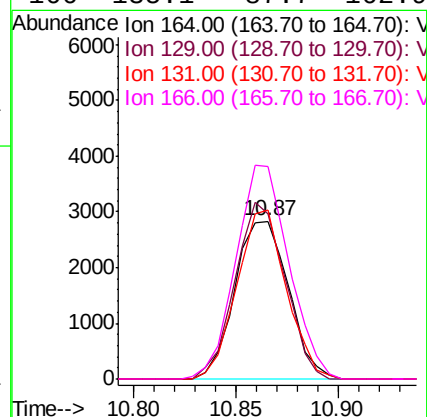
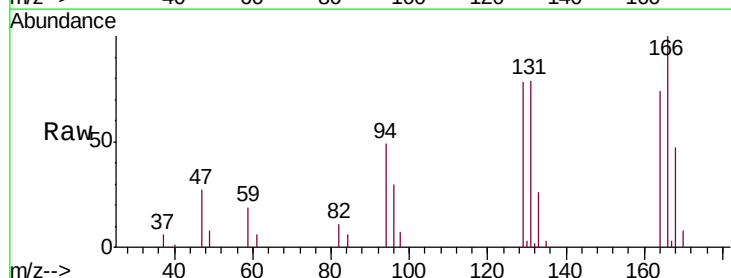
Ion Ratio Lower Upper

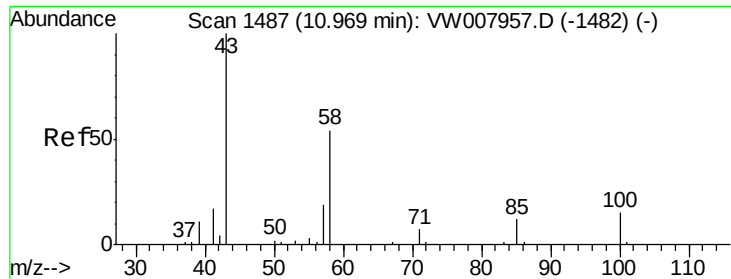
164 100

129 105.2 70.6 131.2

131 106.9 66.5 123.5

166 135.1 87.7 162.9

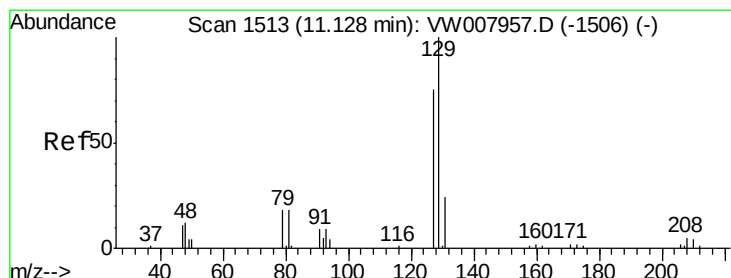
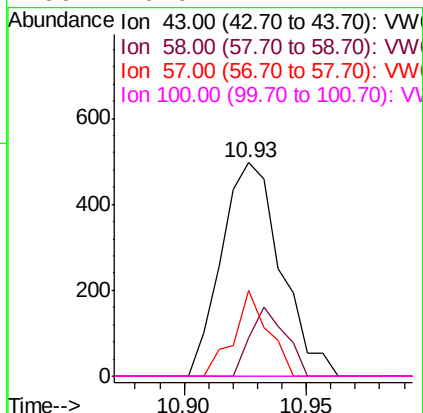
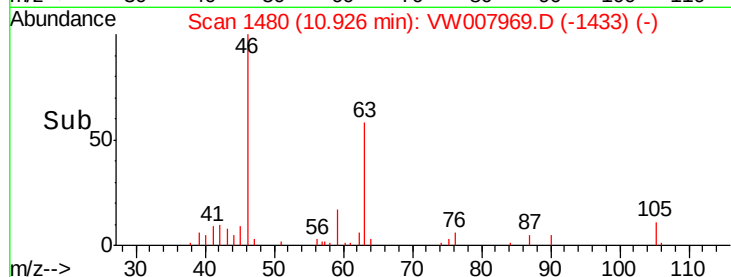
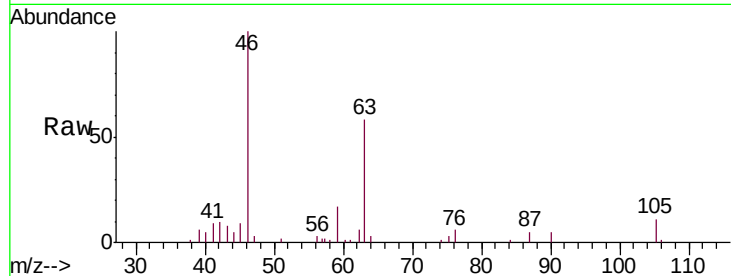




#49
2-Hexanone
Concen: 3.543 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007969.D
Acq: 27 Dec 2018 14:59

Instrument :
MSVOA_W
ClientSampleId :
BEZY6RE

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
58 19.4 46.2 69.4#
57 23.1 17.9 26.9
100 0.0 11.4 17.2#



#50
Dibromochloromethane
Concen: 12.027 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW007969.D
Acq: 27 Dec 2018 14:59

Tgt Ion: 129 Resp: 5388
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#

