

Data File : VW007953.D
Acq On : 27 Dec 2018 06:19
Operator : SY/AP
Sample : J6506-17
Misc : 4.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZY7

Quant Time: Dec 27 07:04:34 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	93587	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	81583	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33434	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22285	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.64%
7) Chloroethane-d5	2.98	69	195	0.31	ug/L	0.09
Spiked Amount	25.000	Range	30 - 150	Recovery	=	1.24%#
10) 1,1-Dichloroethene-d2	4.01	63	44150	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.72%
20) 2-Butanone-d5	7.09	46	17595	44.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.46%
24) Chloroform-d	7.65	84	60715	24.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	8.31	65	39671	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.32%
29) Benzene-d6	8.27	84	113116	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	32078	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.08%
37) Toluene-d8	10.32	98	106952	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.58	79	16963	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.96%
39) 2-Hexanone-d5	10.93	63	14167	44.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28492	23.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	31093	23.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.08%

Target Compounds

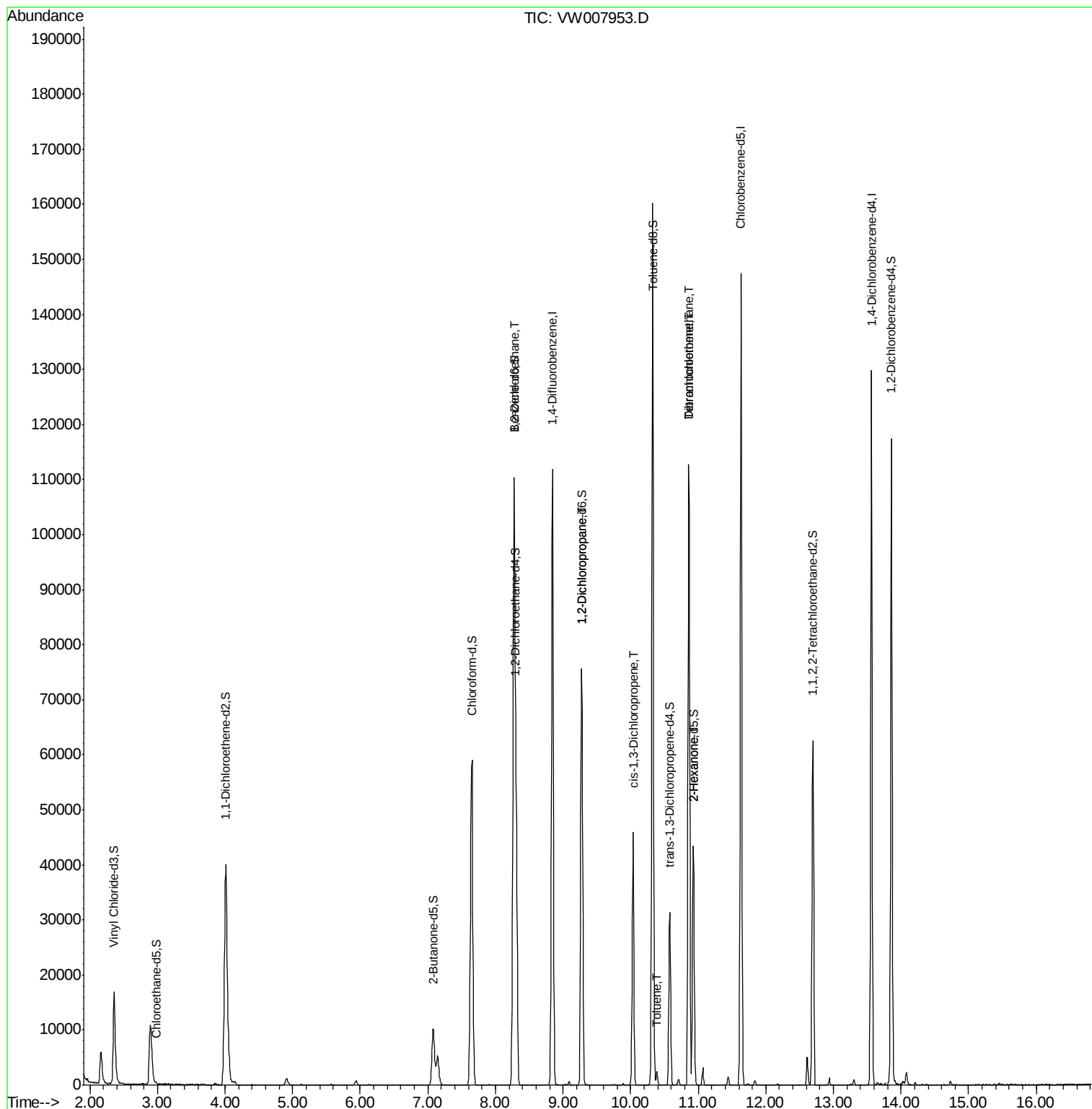
					Qvalue	
27) 1,2-Dichloroethane	8.27	62	772	0.479	ug/L #	80
40) 1,2-Dichloropropane	9.27	63	4275	4.166	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1173	0.655	ug/L #	62
44) Toluene	10.39	91	2110	0.432	ug/L	99
47) Tetrachloroethene	10.86	164	23550	23.369	ug/L	97
49) 2-Hexanone	10.93	43	2224	3.795	ug/L #	64
50) Dibromochloromethane	10.86	129	25206	22.788	ug/L #	9

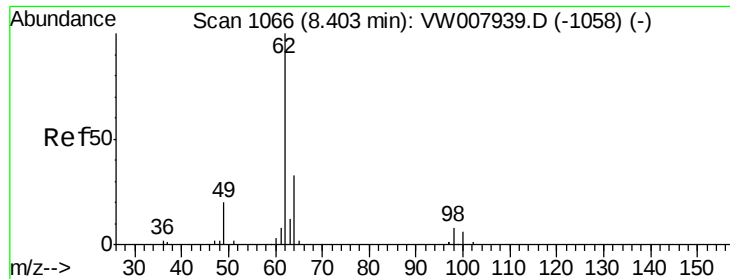
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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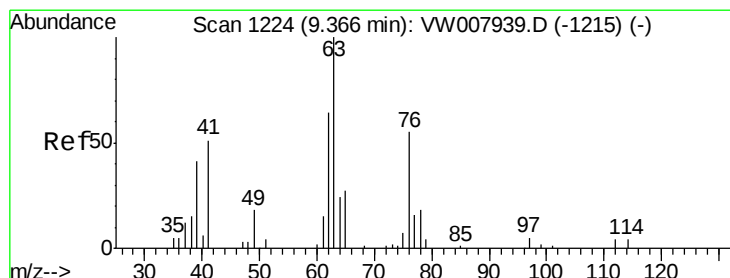
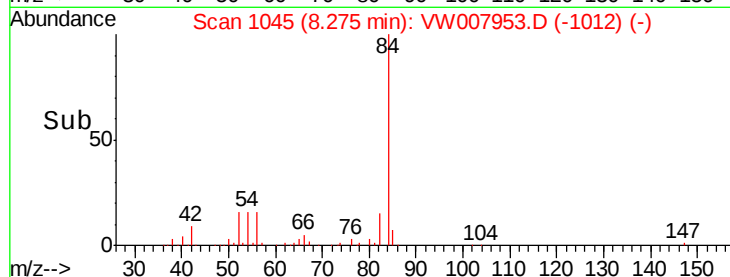
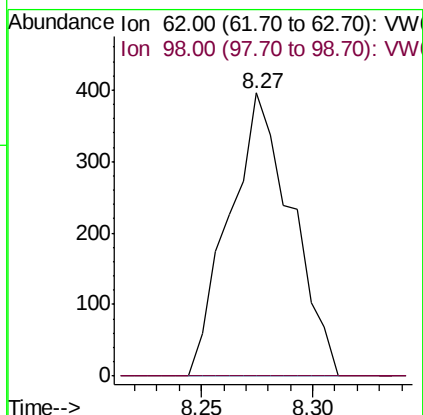
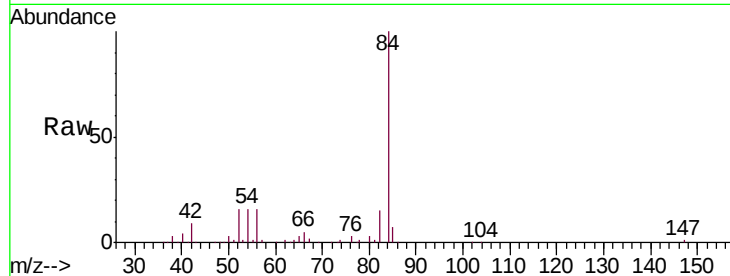




#27
 1,2-Dichloroethane
 Concen: 0.479 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW007953.D
 Acq: 27 Dec 2018 06:19

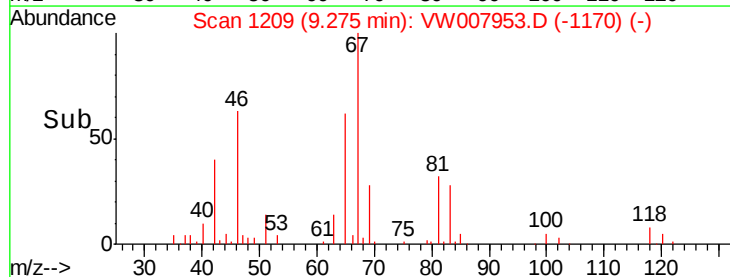
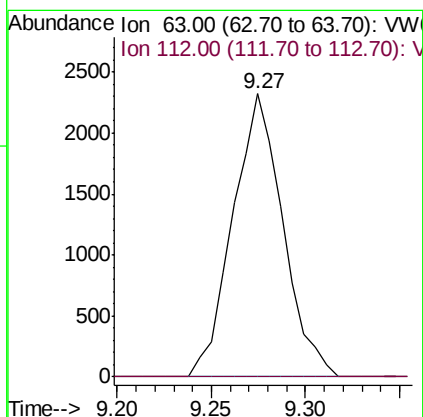
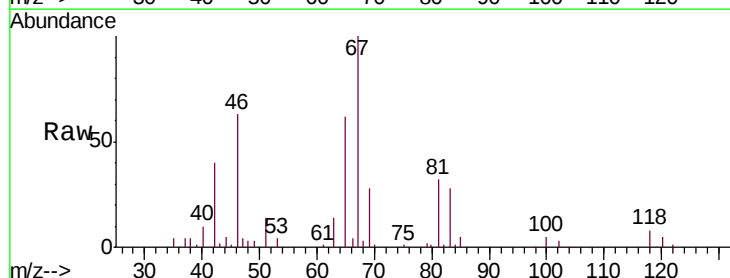
Instrument :
 MSVOA_W
 ClientSampleId :
 BEZY7

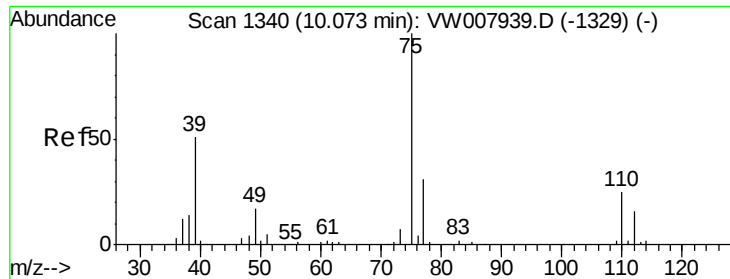
Tgt Ion: 62 Resp: 772
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.4 8.2#



#40
 1,2-Dichloropropane
 Concen: 4.166 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007953.D
 Acq: 27 Dec 2018 06:19

Tgt Ion: 63 Resp: 4275
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.655 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007953.D

Acq: 27 Dec 2018 06:19

Instrument :

MSVOA_W

ClientSampleId :

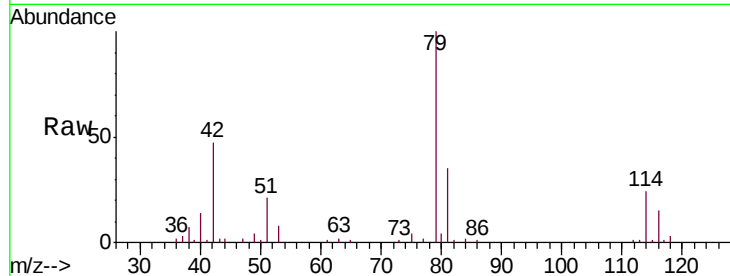
BEZY7

Tgt Ion: 75 Resp: 1173

Ion Ratio Lower Upper

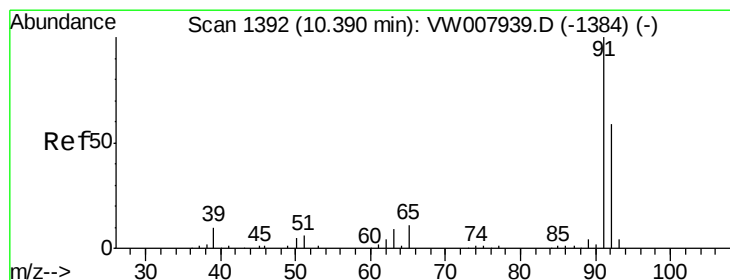
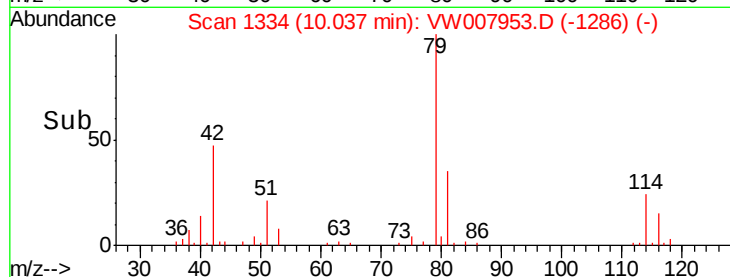
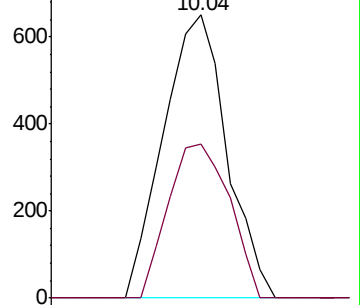
75 100

77 54.4 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: 0.432 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007953.D

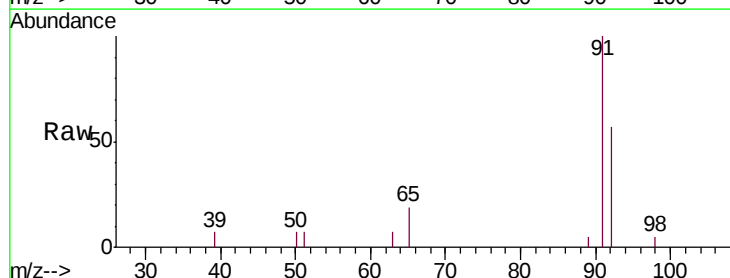
Acq: 27 Dec 2018 06:19

Tgt Ion: 91 Resp: 2110

Ion Ratio Lower Upper

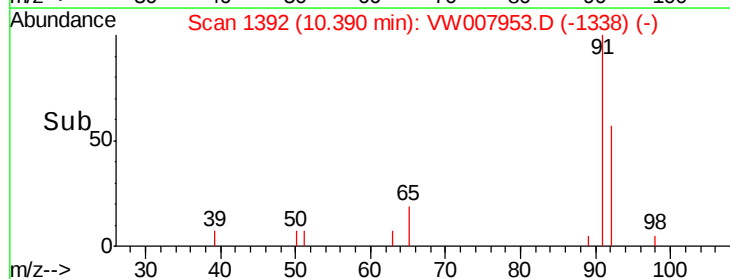
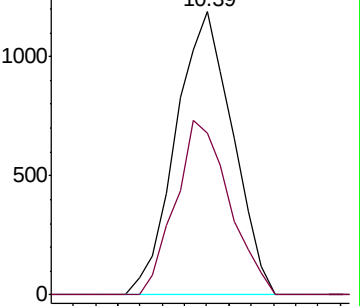
91 100

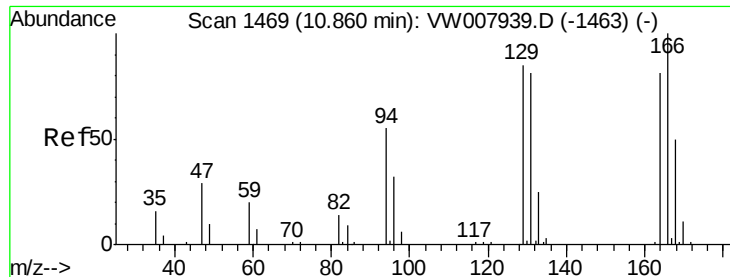
92 57.0 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 23.369 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW007953.D

Acq: 27 Dec 2018 06:19

Instrument :

MSVOA_W

ClientSampled :

BEZY7

Tgt Ion:164 Resp: 23550

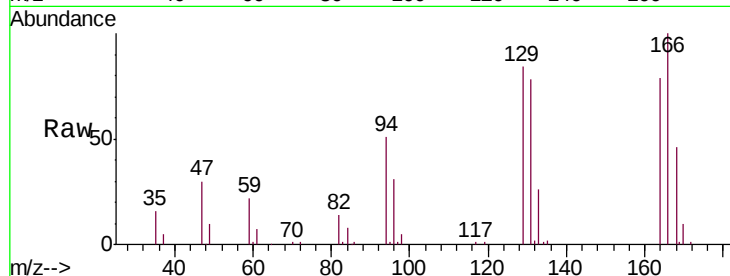
Ion Ratio Lower Upper

164 100

129 106.4 70.6 131.2

131 98.0 66.5 123.5

166 126.1 87.7 162.9

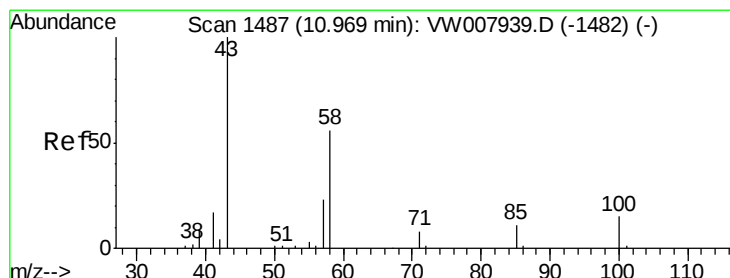
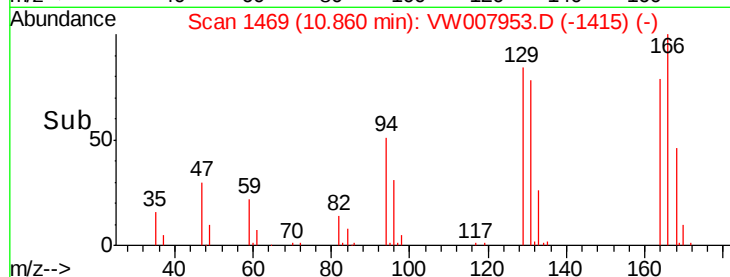
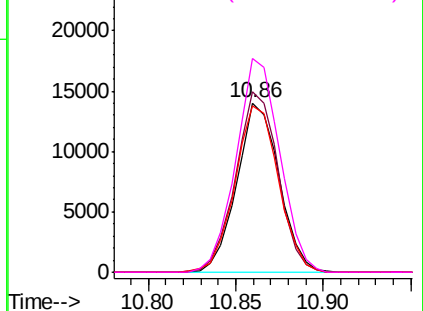


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.795 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW007953.D

Acq: 27 Dec 2018 06:19

Tgt Ion: 43 Resp: 2224

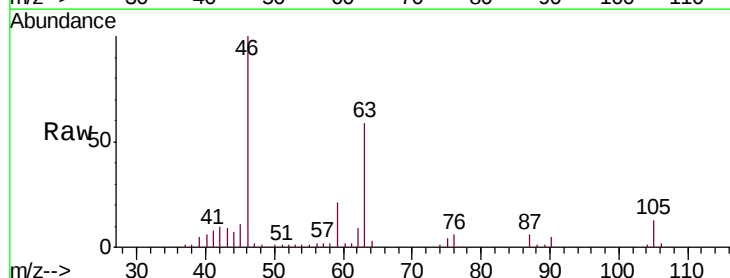
Ion Ratio Lower Upper

43 100

58 21.3 46.2 69.4#

57 20.3 17.9 26.9

100 0.0 11.4 17.2#

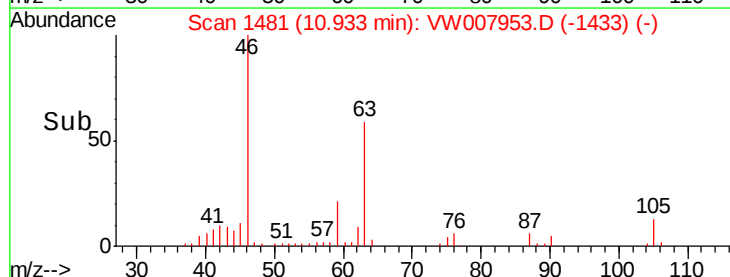
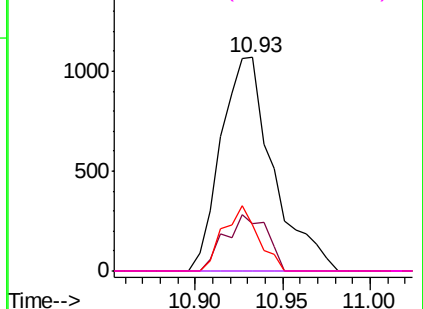


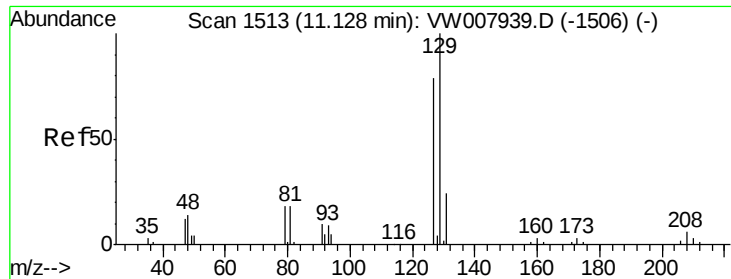
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 22.788 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW007953.D

Acq: 27 Dec 2018 06:19

Instrument :

MSVOA_W

ClientSampleId :

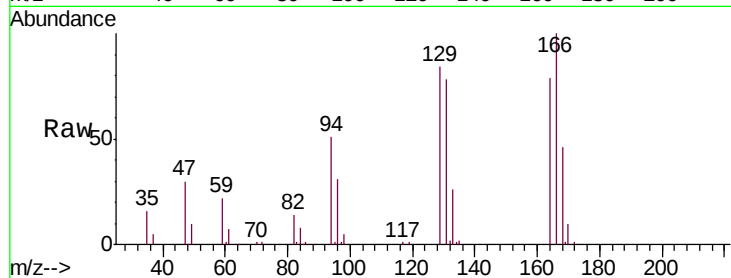
BEZY7

Tgt Ion:129 Resp: 25206

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

