

Data File : VW007952.D
Acq On : 27 Dec 2018 05:53
Operator : SY/AP
Sample : J6506-16
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZY6

Quant Time: Dec 27 07:04:22 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	95720	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	85144	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	36060	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	21936	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
7) Chloroethane-d5	2.90	69	15269	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
10) 1,1-Dichloroethene-d2	4.01	63	43984	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	7.08	46	15438	38.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.74%
24) Chloroform-d	7.65	84	60772	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.30	65	38530	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.96%
29) Benzene-d6	8.27	84	115902	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.27	67	32304	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
37) Toluene-d8	10.32	98	107991	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.84%
38) trans-1,3-Dichloropropene-	10.58	79	16603	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.04%
39) 2-Hexanone-d5	10.93	63	12926	38.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28133	22.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	33126	22.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.96%

Target Compounds

					Qvalue	
21) 2-Butanone	7.14	43	482	1.078	ug/L #	46
27) 1,2-Dichloroethane	8.28	62	703	0.426	ug/L #	80
35) Trichloroethene	9.09	95	449	0.339	ug/L	88
40) 1,2-Dichloropropane	9.28	63	4249	3.967	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1227	0.656	ug/L #	75
44) Toluene	10.39	91	1460	0.286	ug/L	85
46) 1,1,2-Trichloroethane	10.87	97	438	0.483	ug/L #	13
47) Tetrachloroethene	10.87	164	51745	49.200	ug/L	99
49) 2-Hexanone	10.93	43	2078	3.398	ug/L #	64
50) Dibromochloromethane	10.86	129	53075	45.978	ug/L #	9
59) 1,2,3-Trichloropropane	13.56	75	3875	4.288	ug/L #	85

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

Data File : VW007952.D

Acq On : 27 Dec 2018 05:53

Operator : SY/AP

Sample : J6506-16

Misc : 5.88G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEZY6

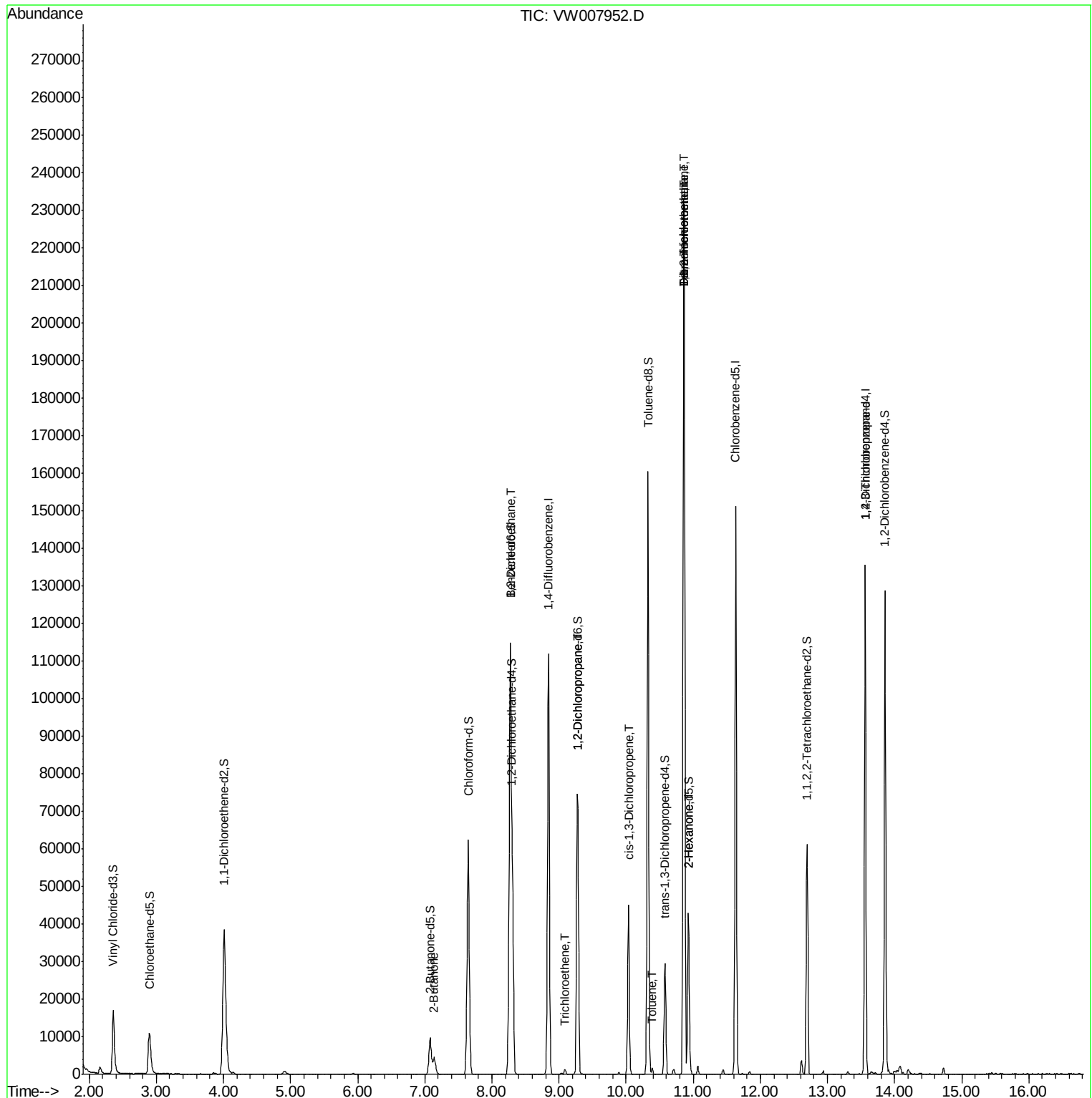
Quant Time: Dec 27 07:04:22 2018

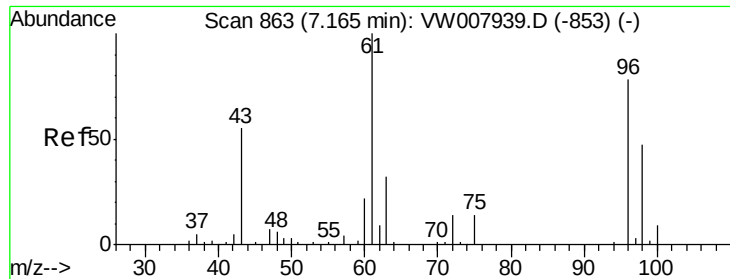
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M

Quant Title : VOC Analysis

QLast Update : Thu Dec 27 03:06:17 2018

Response via : Initial Calibration





#21

2-Butanone

Concen: 1.078 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW007952.D

Acq: 27 Dec 2018 05:53

Instrument :

MSVOA_W

ClientSampleId :

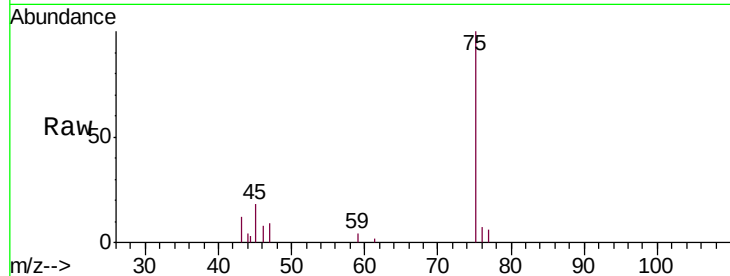
BEZY6

Tgt Ion: 43 Resp: 482

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

300

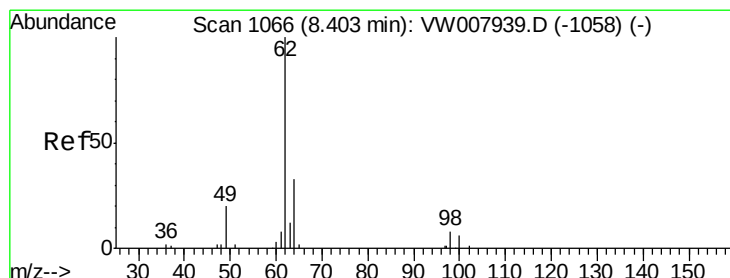
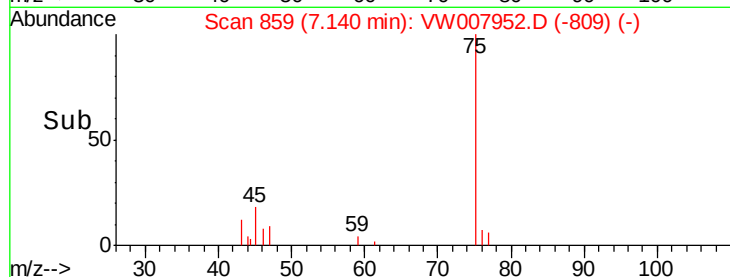
200

100

0

7.12 7.14 7.16 7.18 7.20

Time-->



#27

1,2-Dichloroethane

Concen: 0.426 ug/L

RT: 8.28 min Scan# 1046

Delta R.T. -0.12 min

Lab File: VW007952.D

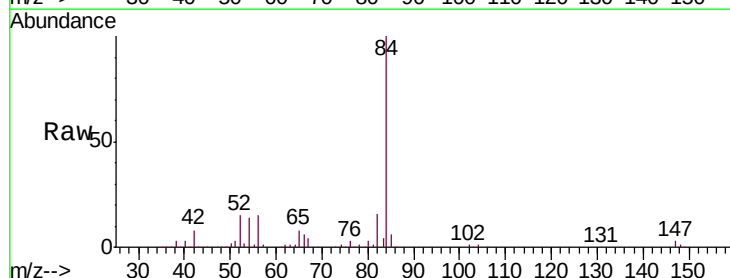
Acq: 27 Dec 2018 05:53

Tgt Ion: 62 Resp: 703

Ion Ratio Lower Upper

62 100

98 0.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

8.28

300

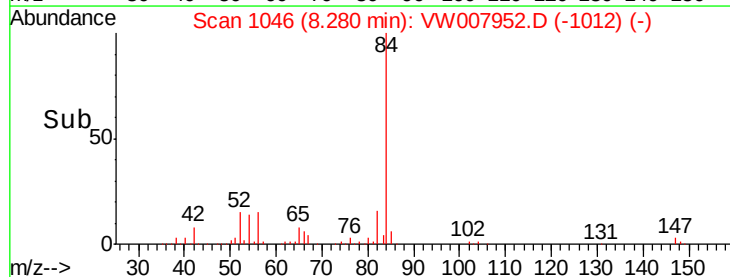
200

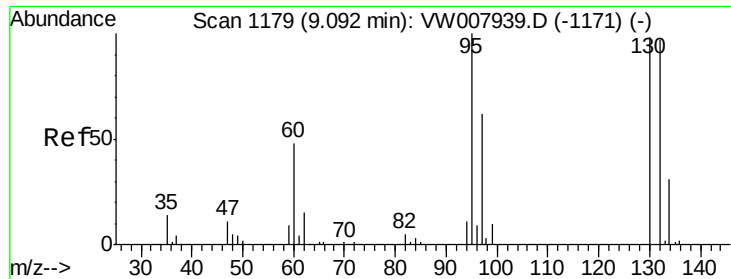
100

0

8.25 8.30

Time-->





#35

Trichloroethene

Concen: 0.339 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007952.D

Acq: 27 Dec 2018 05:53

Instrument :

MSVOA_W

ClientSampleId :

BEZY6

Tgt Ion: 95 Resp: 449

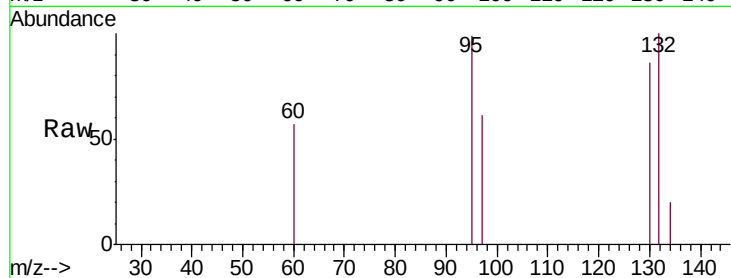
Ion Ratio Lower Upper

95 100

97 61.5 44.4 82.5

132 118.0 67.8 126.0

130 108.0 70.3 130.7

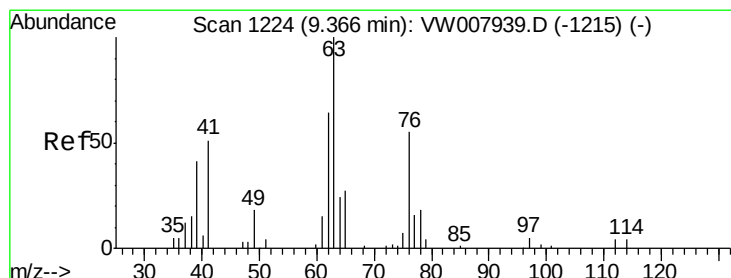
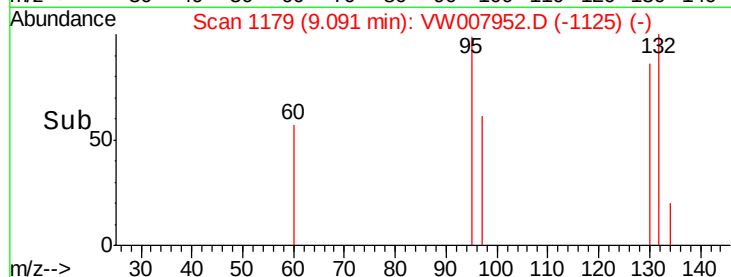
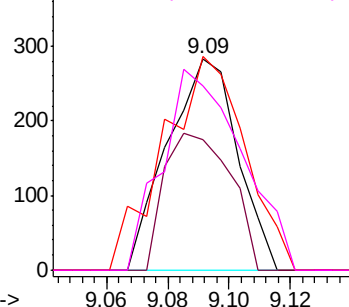


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.967 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW007952.D

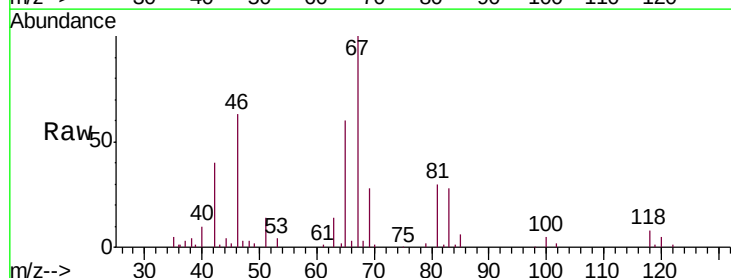
Acq: 27 Dec 2018 05:53

Tgt Ion: 63 Resp: 4249

Ion Ratio Lower Upper

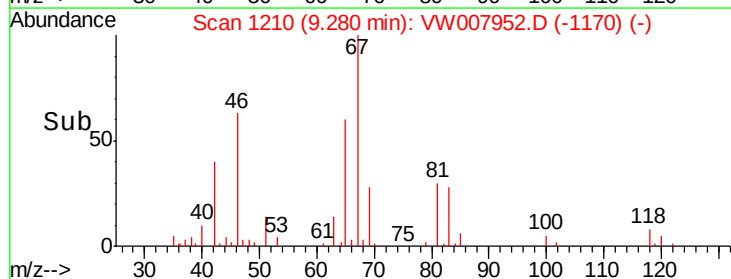
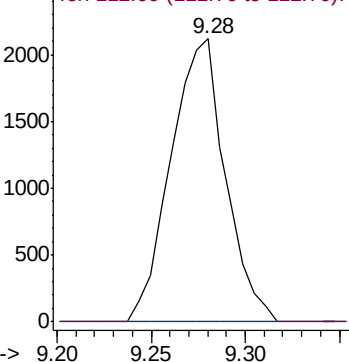
63 100

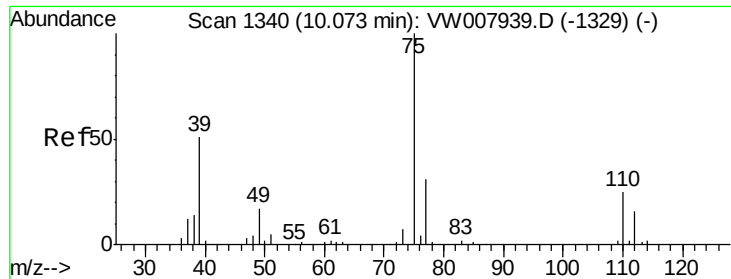
112 0.0 3.7 5.5#



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: 0.656 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW007952.D

Acq: 27 Dec 2018 05:53

Instrument :

MSVOA_W

ClientSampled :

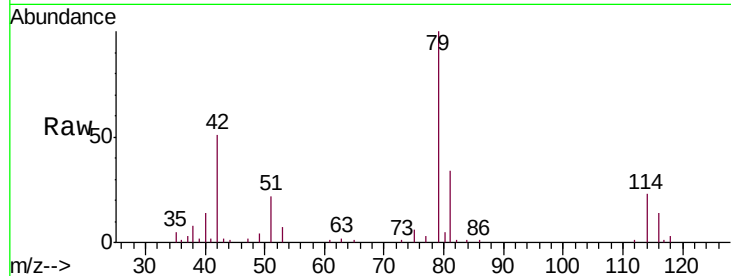
BEZY6

Tgt Ion: 75 Resp: 1227

Ion Ratio Lower Upper

75 100

77 46.8 23.0 42.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.03

800

600

400

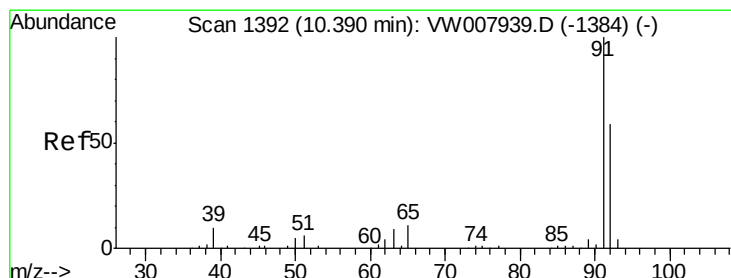
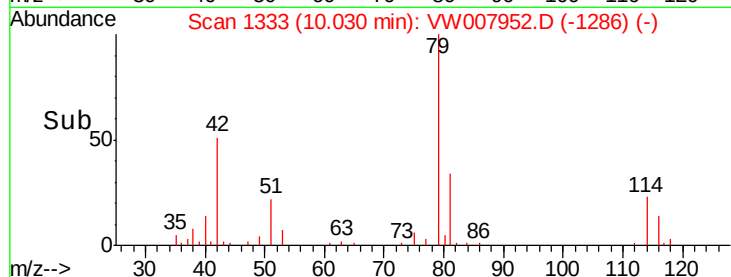
200

0

10.00

10.05

Time-->



#44

Toluene

Concen: 0.286 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007952.D

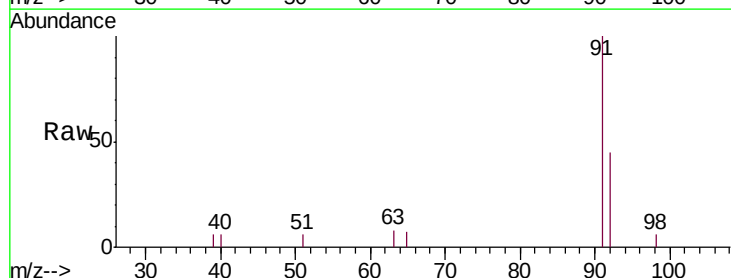
Acq: 27 Dec 2018 05:53

Tgt Ion: 91 Resp: 1460

Ion Ratio Lower Upper

91 100

92 45.4 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

1000

800

600

400

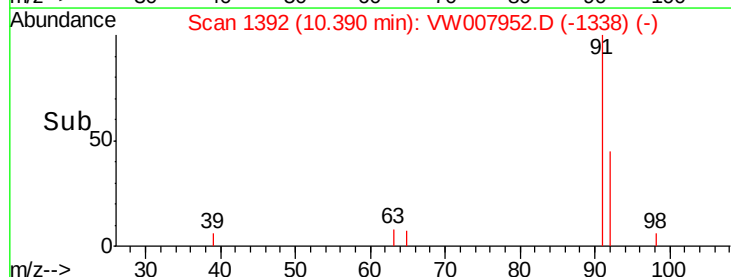
200

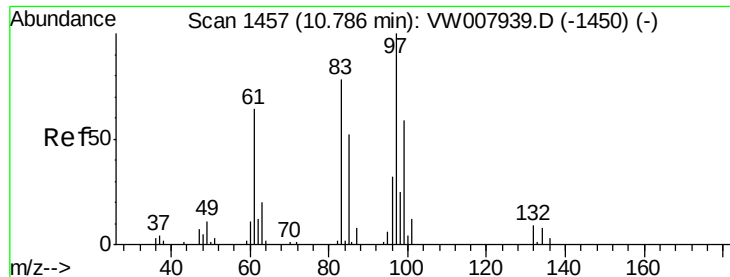
0

10.35

10.40

Time-->

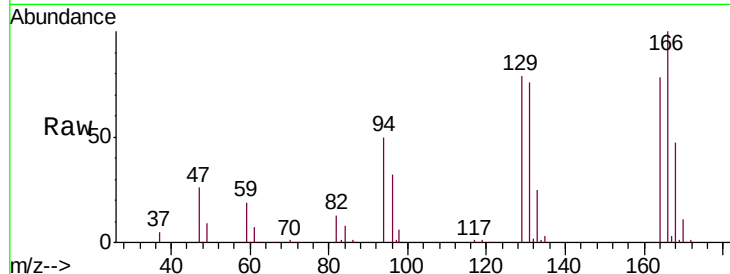




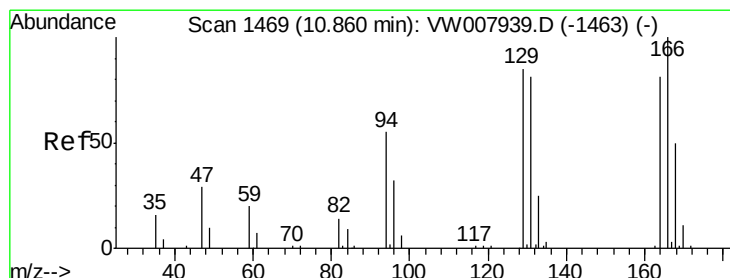
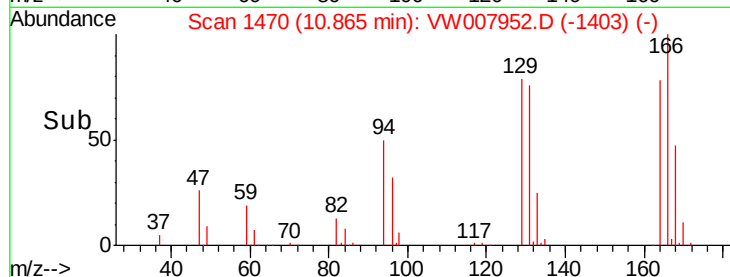
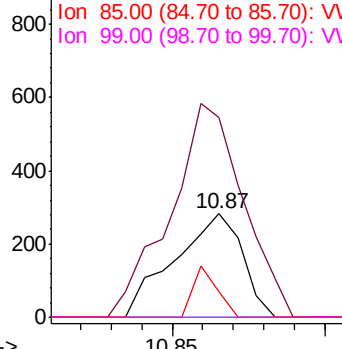
#46
 1,1,2-Trichloroethane
 Concen: 0.483 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.08 min
 Lab File: VW007952.D
 Acq: 27 Dec 2018 05:53

Instrument :
 MSVOA_W
 ClientSampleId :
 BEZY6

Tgt Ion: 97 Resp: 438
 Ion Ratio Lower Upper
 97 100
 83 193.6 58.4 108.6#
 85 24.5 36.4 67.6#
 99 0.0 43.8 81.3#



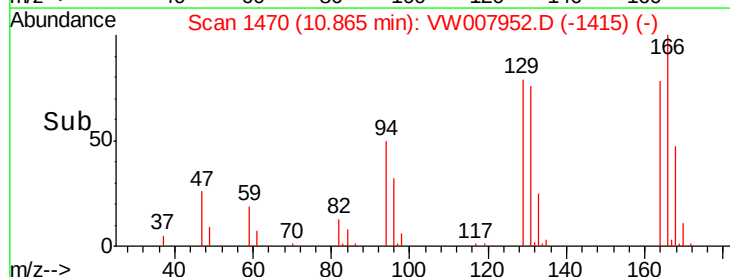
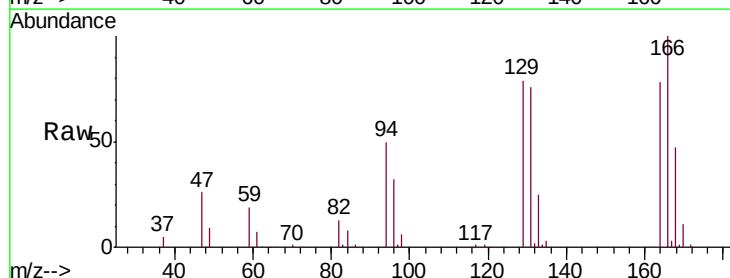
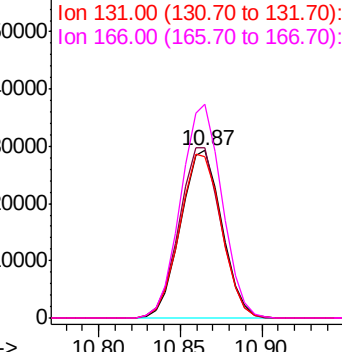
Abundance Ion 97.00 (96.70 to 97.70): VW
 Ion 83.00 (82.70 to 83.70): VW
 Ion 85.00 (84.70 to 85.70): VW
 Ion 99.00 (98.70 to 99.70): VW

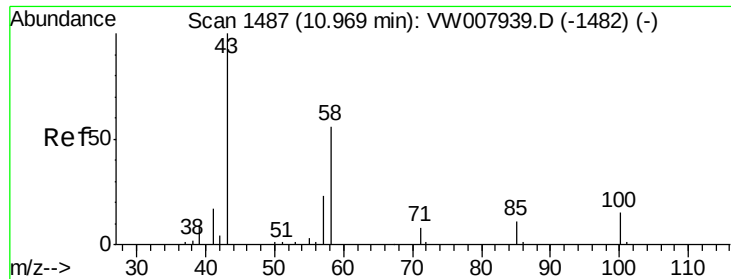


#47
 Tetrachloroethene
 Concen: 49.200 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW007952.D
 Acq: 27 Dec 2018 05:53

Tgt Ion: 164 Resp: 51745
 Ion Ratio Lower Upper
 164 100
 129 101.4 70.6 131.2
 131 96.4 66.5 123.5
 166 127.7 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

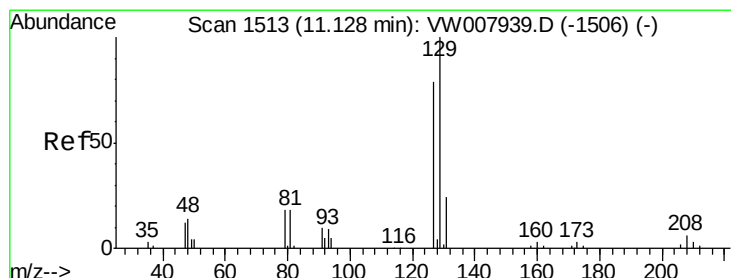
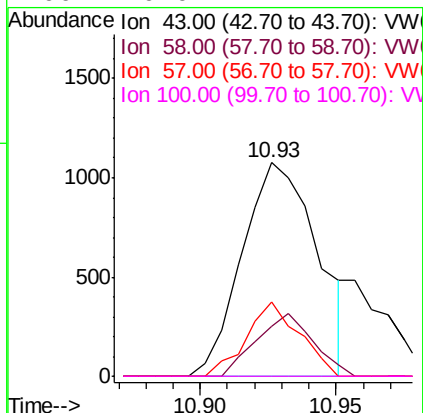
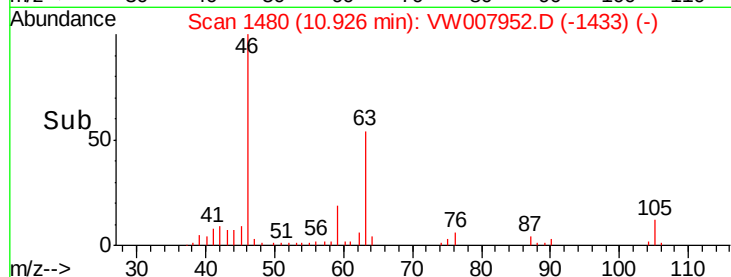
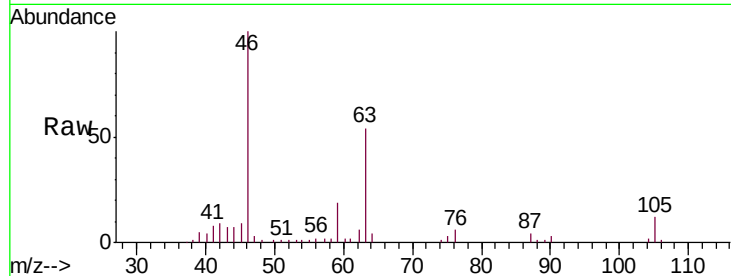




#49
2-Hexanone
Concen: 3.398 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW007952.D
Acq: 27 Dec 2018 05:53

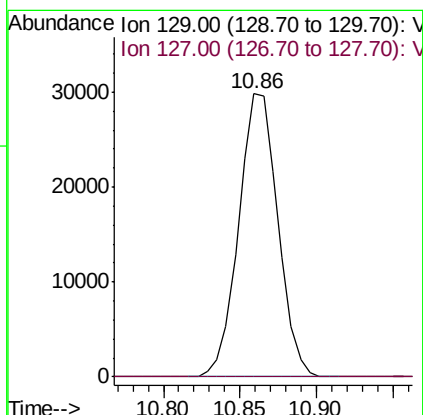
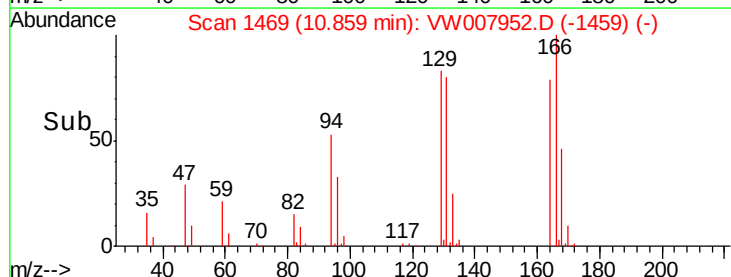
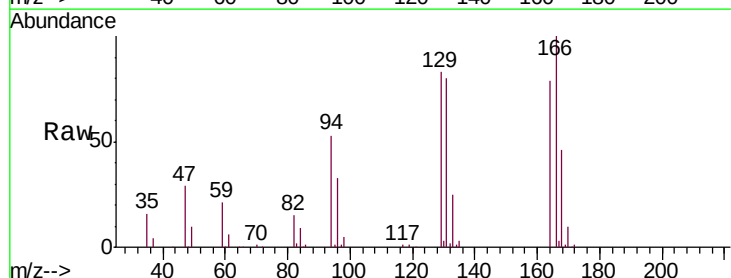
Instrument :
MSVOA_W
ClientSampleId :
BEZY6

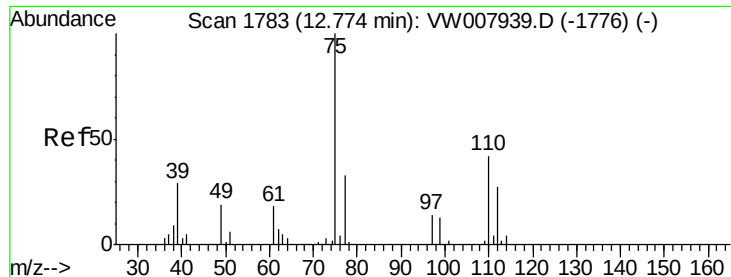
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
58 21.9 46.2 69.4#
57 24.4 17.9 26.9
100 0.0 11.4 17.2#



#50
Dibromochloromethane
Concen: 45.978 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW007952.D
Acq: 27 Dec 2018 05:53

Tgt Ion: 129 Resp: 53075
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#





#59

1,2,3-Trichloropropane

Concen: 4.288 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007952.D

Acq: 27 Dec 2018 05:53

Instrument :

MSVOA_W

ClientSampleId :

BEZY6

Tgt Ion: 75 Resp: 3875

Ion Ratio Lower Upper

75 100

77 40.2 25.5 38.3#

