

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
 Data File : VW007955.D
 Acq On : 27 Dec 2018 07:11
 Operator : SY/AP
 Sample : J6507-02
 Misc : 5.49G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEZX7

Quant Time: Dec 27 07:49:45 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	99745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	92088	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	41110	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23289	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
7) Chloroethane-d5	2.90	69	16316	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
10) 1,1-Dichloroethene-d2	4.01	63	45385	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	7.08	46	15874	37.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.74%
24) Chloroform-d	7.65	84	64199	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.30	65	40307	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.27	84	123296	23.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.48%
33) 1,2-Dichloropropane-d6	9.27	67	33699	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	10.32	98	116682	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.76%
38) trans-1,3-Dichloropropene-	10.58	79	17898	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.76%
39) 2-Hexanone-d5	10.93	63	13001	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29128	21.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	40048	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds

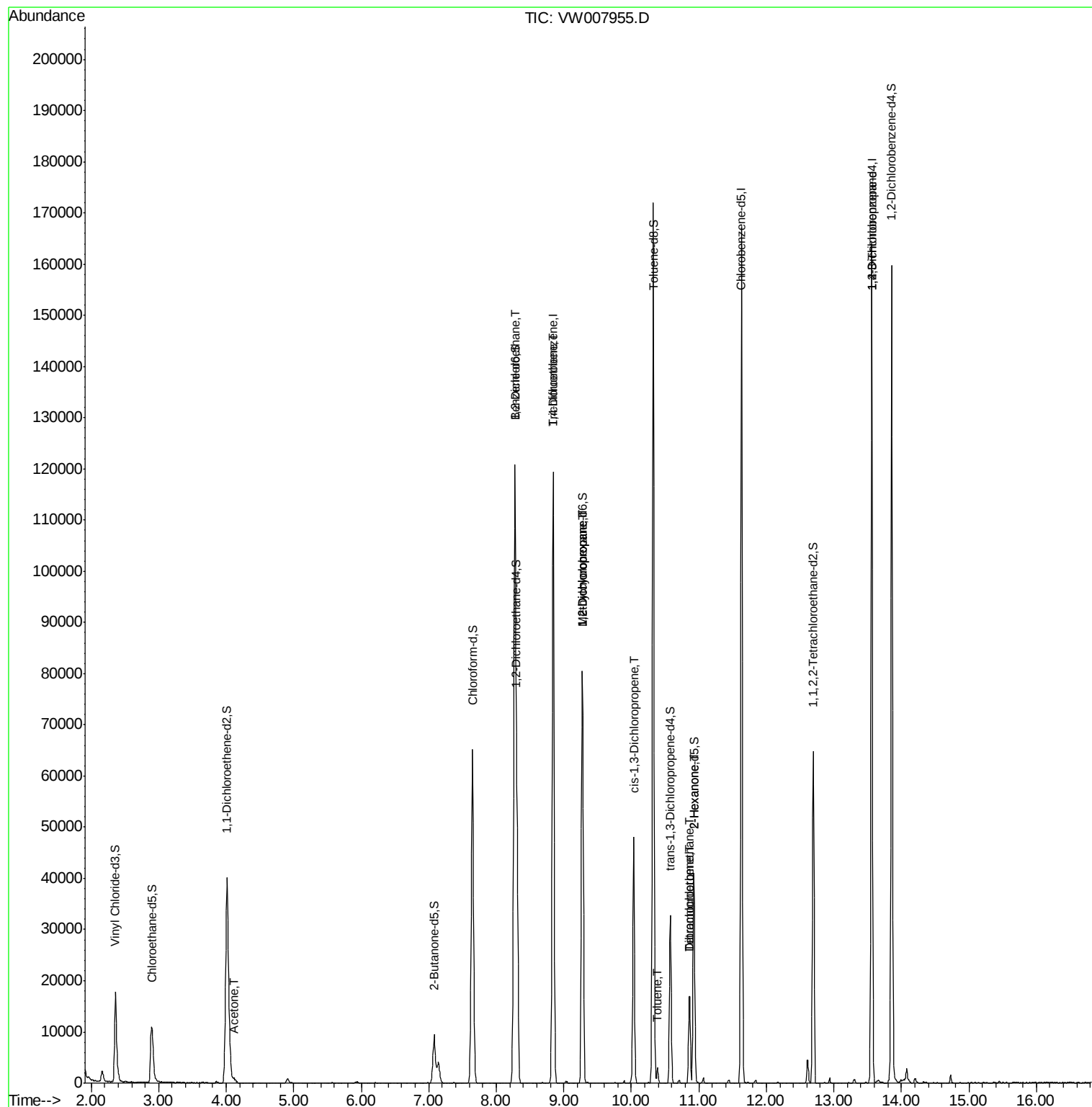
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	818	1.997	ug/L	65
27) 1,2-Dichloroethane	8.27	62	799	0.465	ug/L #	80
35) Trichloroethene	8.84	95	3320	2.319	ug/L #	5
36) Methylcyclohexane	9.27	83	9239	3.763	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4399	3.798	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1217	0.602	ug/L #	75
44) Toluene	10.39	91	2404	0.436	ug/L	94
47) Tetrachloroethene	10.86	164	3734	3.283	ug/L	90
49) 2-Hexanone	10.93	43	2051	3.101	ug/L #	65
50) Dibromochloromethane	10.87	129	3952	3.165	ug/L #	9
59) 1,2,3-Trichloropropane	13.56	75	4577	4.683	ug/L #	85

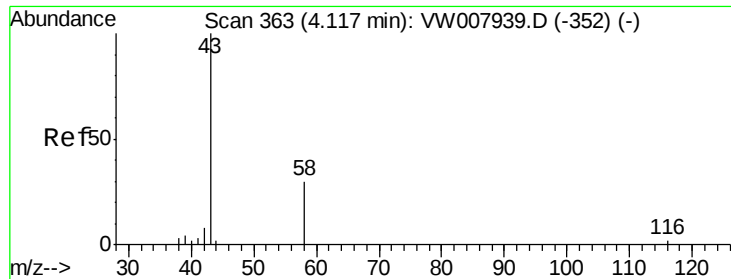
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.997 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007955.D

Acq: 27 Dec 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

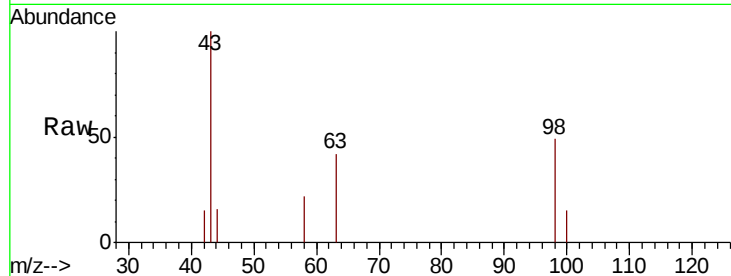
BEZX7

Tgt Ion: 43 Resp: 818

Ion Ratio Lower Upper

43 100

58 10.4 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

400

300

200

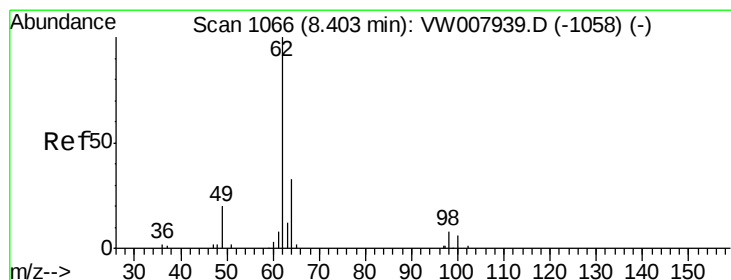
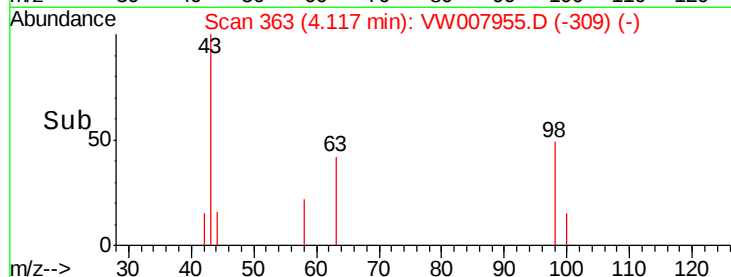
100

0

4.10

4.15

Time-->



#27

1,2-Dichloroethane

Concen: 0.465 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW007955.D

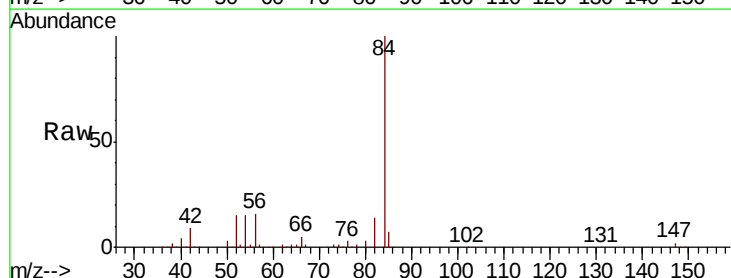
Acq: 27 Dec 2018 07:11

Tgt Ion: 62 Resp: 799

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

8.27

400

300

200

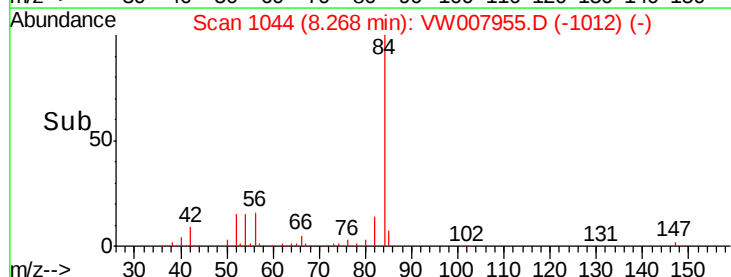
100

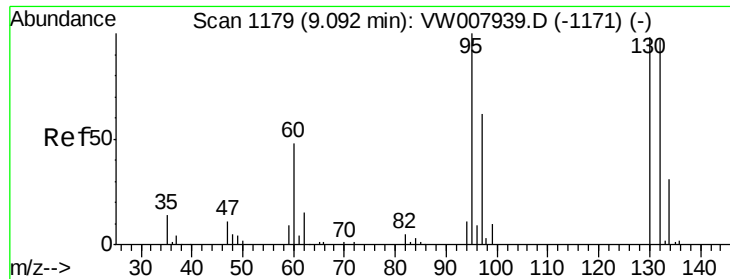
0

8.25

8.30

Time-->





#35

Trichloroethene

Concen: 2.319 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007955.D

Acq: 27 Dec 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

BEZX7

Tgt Ion: 95 Resp: 3320

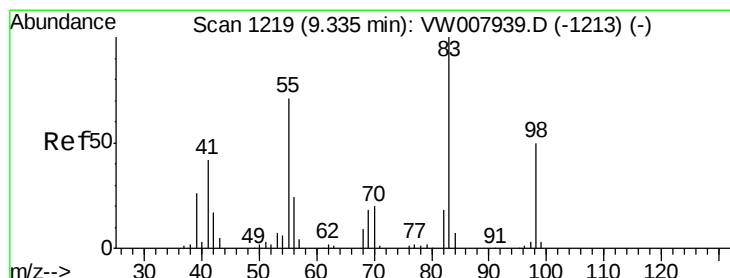
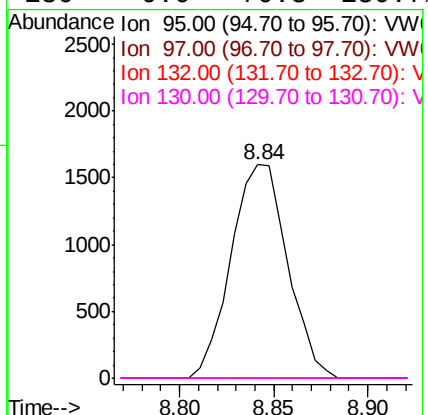
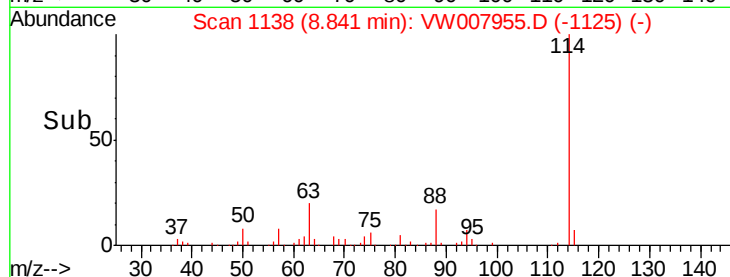
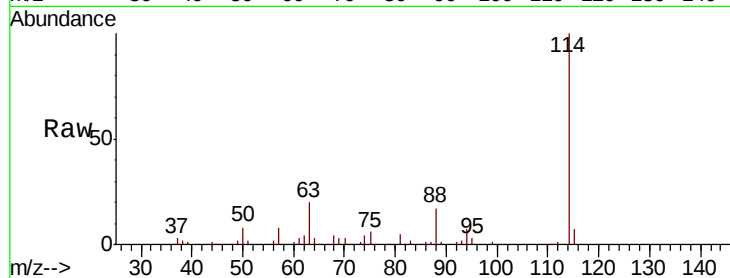
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#



#36

Methylcyclohexane

Concen: 3.763 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007955.D

Acq: 27 Dec 2018 07:11

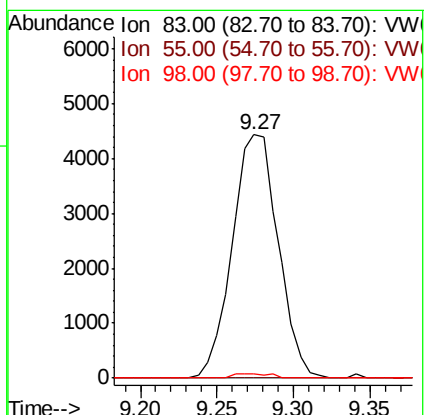
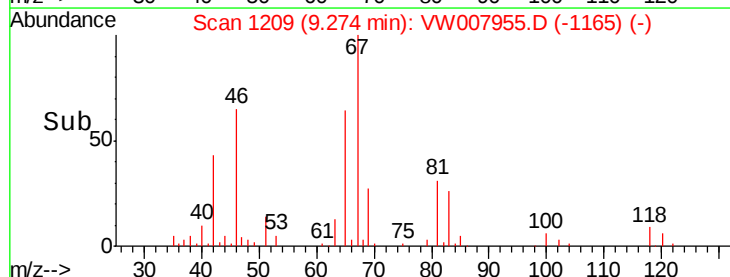
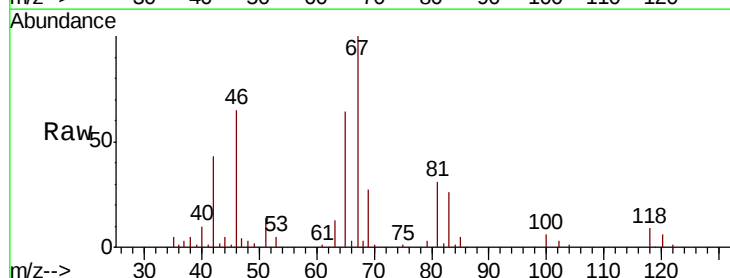
Tgt Ion: 83 Resp: 9239

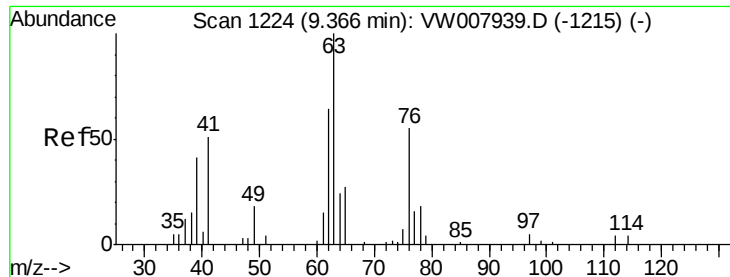
Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 1.5 38.2 57.2#

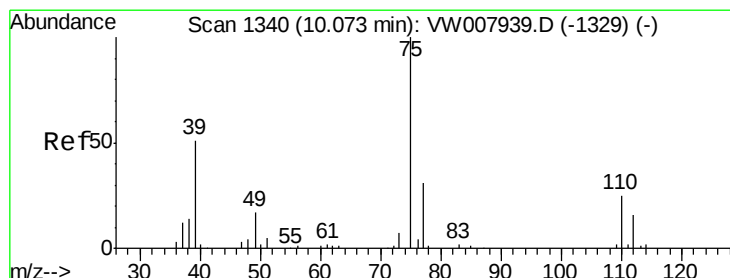
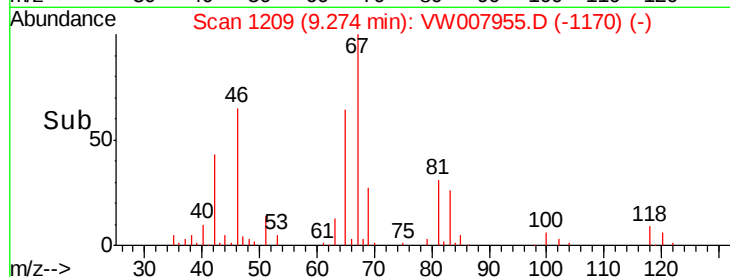
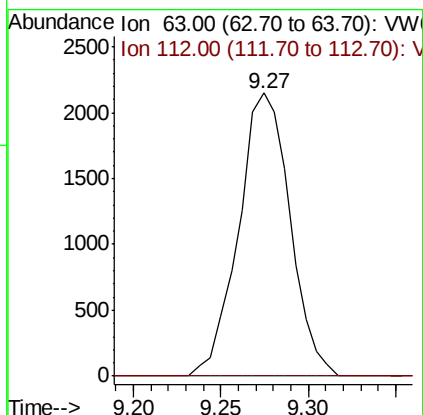
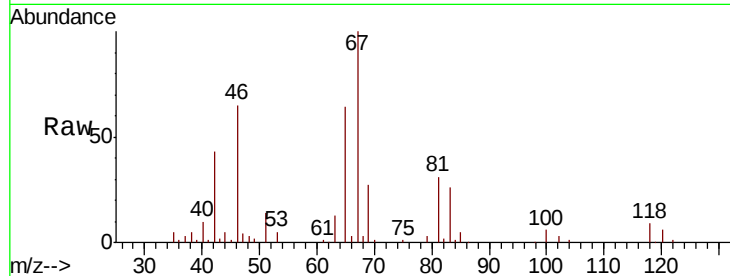




#40
 1,2-Dichloropropane
 Concen: 3.798 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW007955.D
 Acq: 27 Dec 2018 07:11

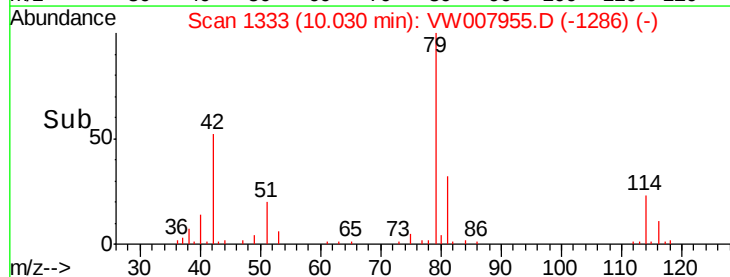
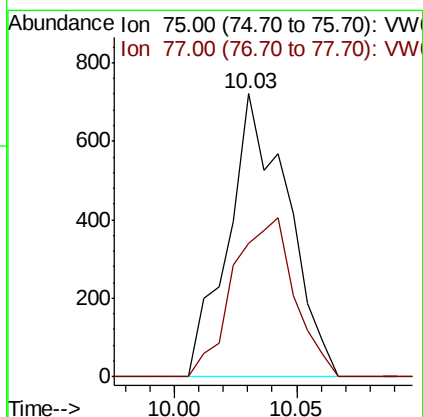
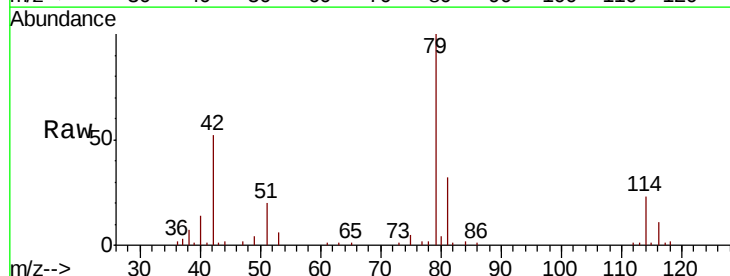
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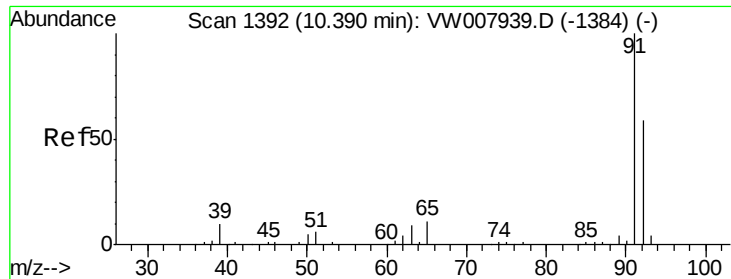
Tgt Ion: 63 Resp: 4399
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.602 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007955.D
 Acq: 27 Dec 2018 07:11

Tgt Ion: 75 Resp: 1217
 Ion Ratio Lower Upper
 75 100
 77 47.2 23.0 42.8#





#44

Toluene

Concen: 0.436 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007955.D

Acq: 27 Dec 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

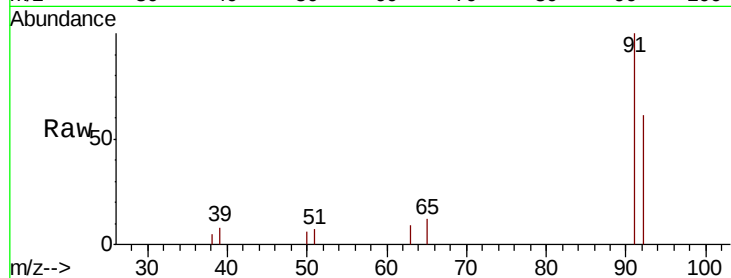
BEZX7

Tgt Ion: 91 Resp: 2404

Ion Ratio Lower Upper

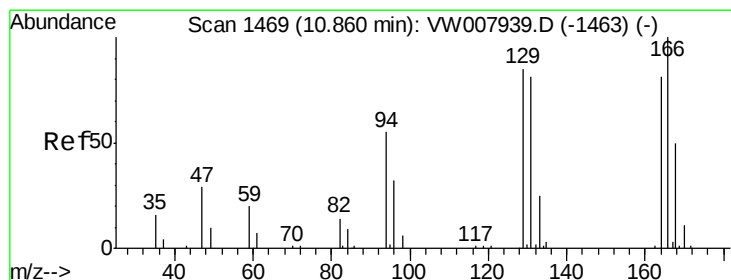
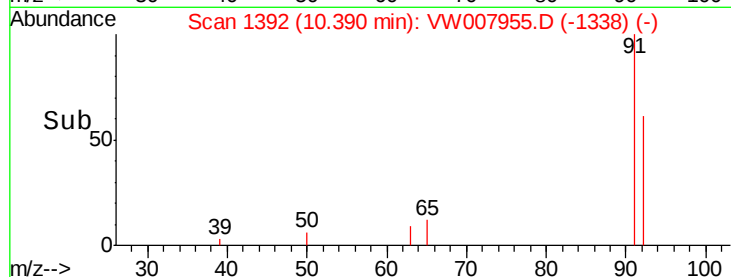
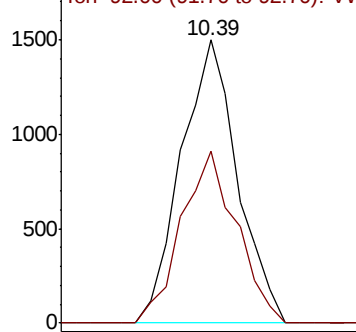
91 100

92 60.9 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: 3.283 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW007955.D

Acq: 27 Dec 2018 07:11

Tgt Ion: 164 Resp: 3734

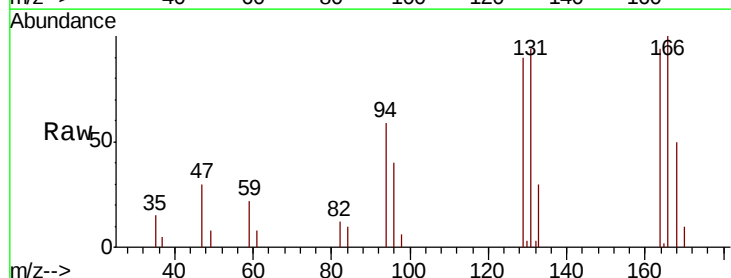
Ion Ratio Lower Upper

164 100

129 96.0 70.6 131.2

131 100.1 66.5 123.5

166 106.4 87.7 162.9

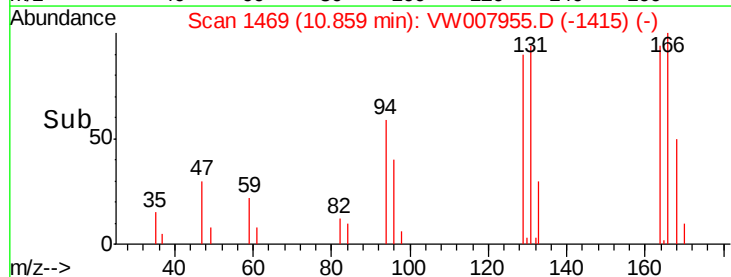
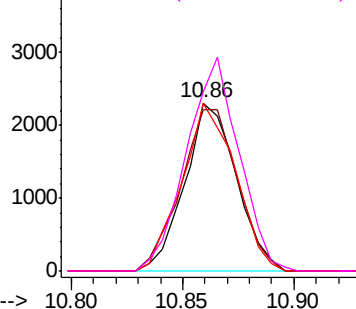


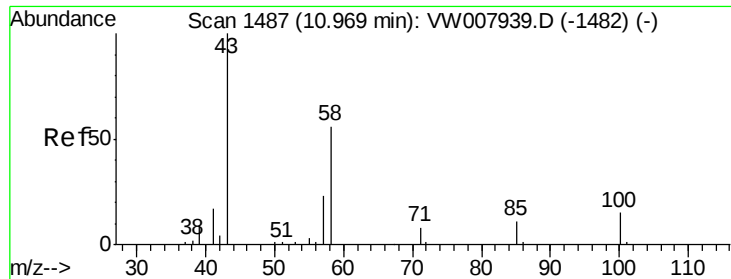
Abundance Ion 164.00 (163.70 to 164.70): V

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

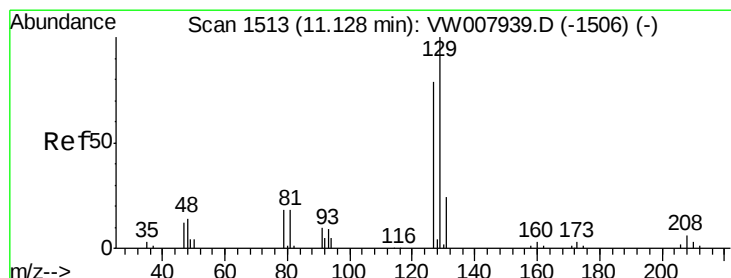
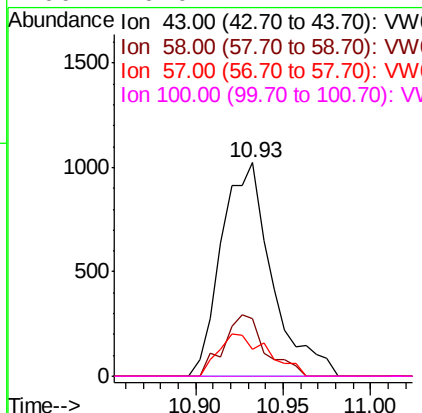
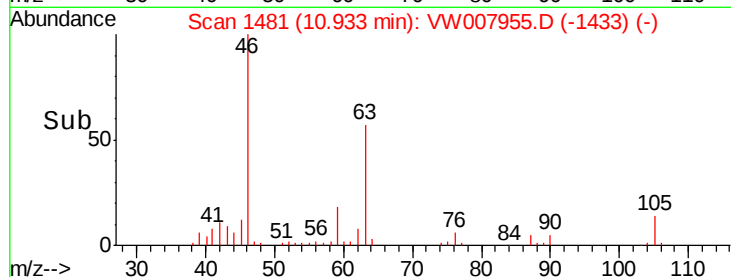
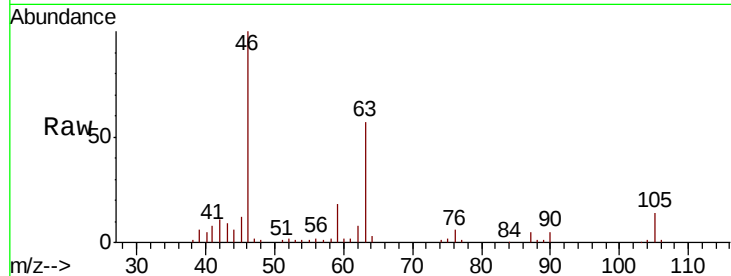




#49
2-Hexanone
Concen: 3.101 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW007955.D
Acq: 27 Dec 2018 07:11

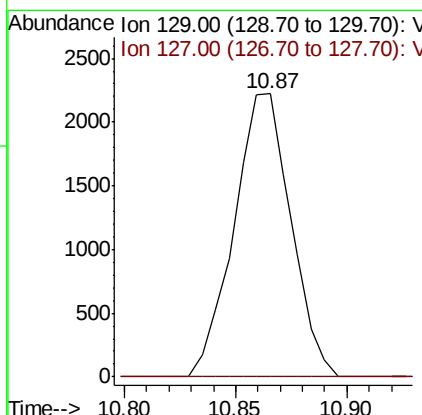
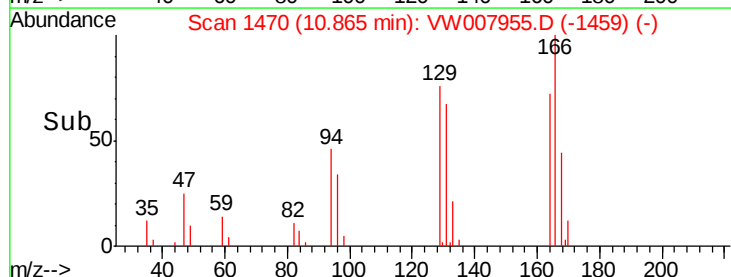
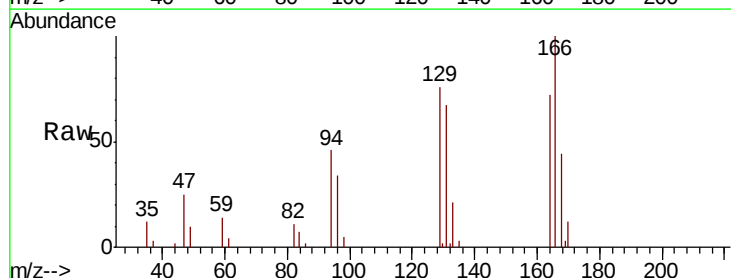
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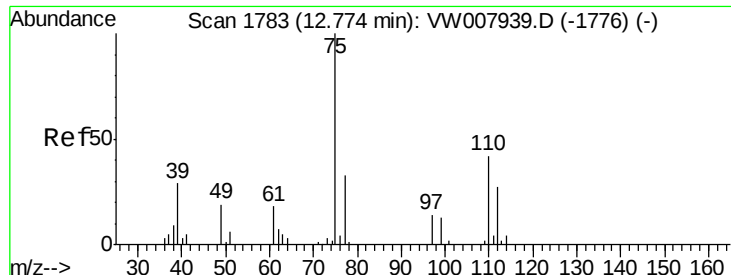
Tgt Ion: 43 Resp: 2051
Ion Ratio Lower Upper
43 100
58 23.7 46.2 69.4#
57 18.5 17.9 26.9
100 0.0 11.4 17.2#



#50
Dibromochloromethane
Concen: 3.165 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW007955.D
Acq: 27 Dec 2018 07:11

Tgt Ion: 129 Resp: 3952
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#





#59

1,2,3-Trichloropropane

Concen: 4.683 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007955.D

Acq: 27 Dec 2018 07:11

Instrument :

MSVOA_W

ClientSampleId :

BEZX7

Tgt Ion: 75 Resp: 4577

Ion Ratio Lower Upper

75 100

77 40.4 25.5 38.3#

