

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062018\
 Data File : VW003371.D
 Acq On : 20 Jun 2018 23:38
 Operator : SY/AP
 Sample : J3569-18
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT1

Quant Time: Jun 21 05:06:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 21 05:02:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	280662	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	190413	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	47030	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110273	28.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.88%
7) Chloroethane-d5	2.89	69	91944	28.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.80%
10) 1,1-Dichloroethene-d2	4.00	63	150381	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.60%
20) 2-Butanone-d5	7.09	46	45081	37.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.18%
24) Chloroform-d	7.65	84	186997	25.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.32%
26) 1,2-Dichloroethane-d4	8.31	65	106209	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.28	84	360555	35.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	142.76%#
33) 1,2-Dichloropropane-d6	9.28	67	109983	34.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.56%#
37) Toluene-d8	10.33	98	276065	28.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.32%
38) trans-1,3-Dichloropropene-	10.58	79	34747	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.56%
39) 2-Hexanone-d5	10.93	63	32863	50.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.54%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	54898	18.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.80%
61) 1,2-Dichlorobenzene-d4	13.87	152	44777	25.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.84%

Target Compounds

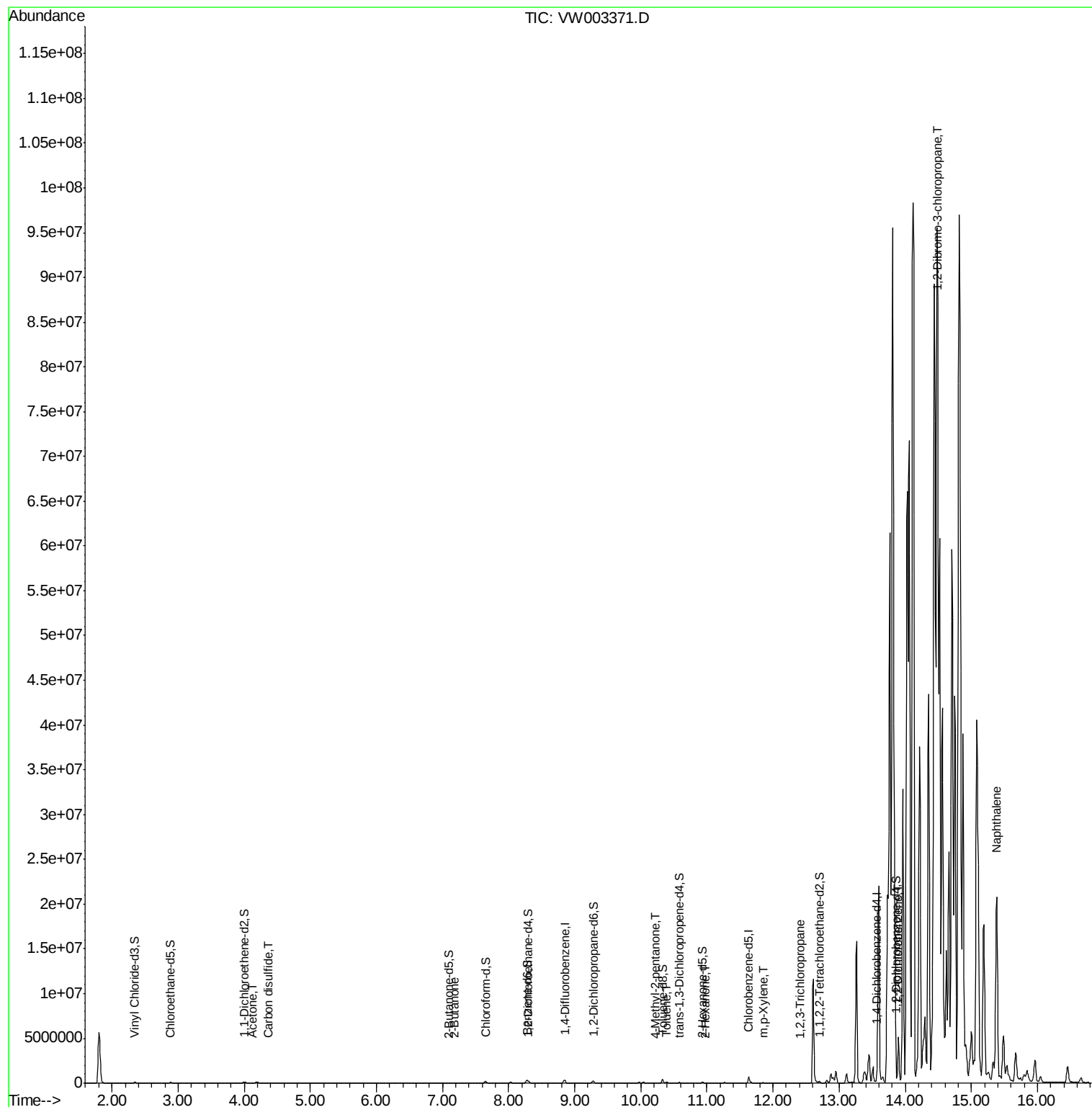
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.13	43	108033	84.501	ug/L	86
14) Carbon disulfide	4.36	76	81465	7.197	ug/L	99
21) 2-Butanone	7.18	43	56734	37.763	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	4284	2.099	ug/L #	89
44) Toluene	10.39	91	88114	7.483	ug/L	96
49) 2-Hexanone	10.98	43	4412	2.900	ug/L #	95
54) m,p-Xylene	11.84	106	10052	2.049	ug/L	88
59) 1,2,3-Trichloropropane	12.41	75	5772	2.678	ug/L	91
65) 1,2-Dichlorobenzene	13.88	146	11056	4.005	ug/L #	78
66) 1,2-Dibromo-3-chloropropan	14.48	75	806926	3330.433	ug/L #	9
69) Naphthalene	15.38	128	16031650	4683.965	ug/L	97

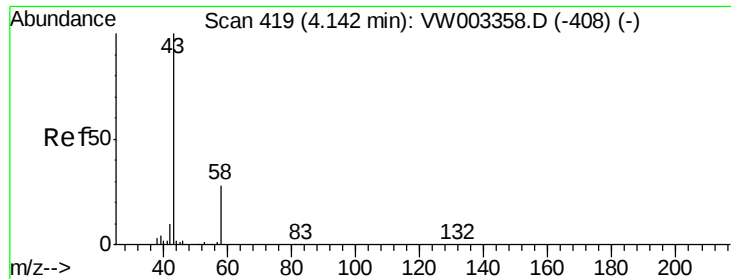
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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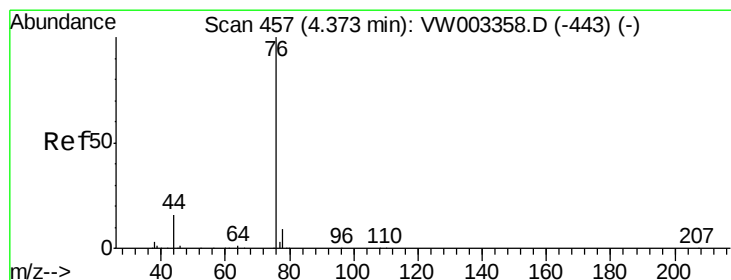
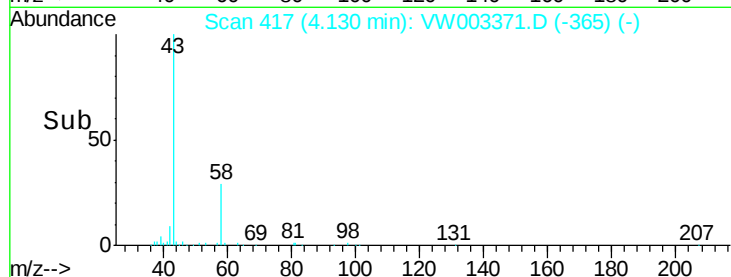
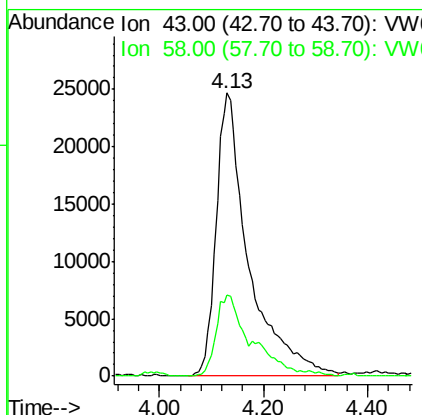
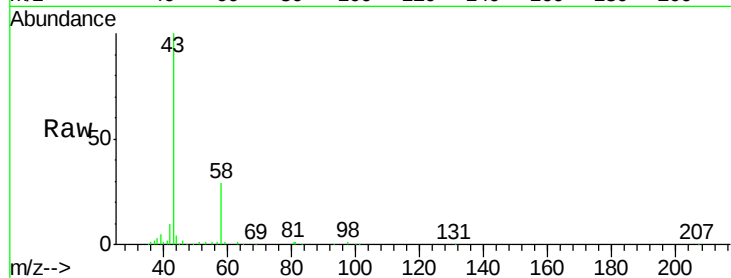




#13
Acetone
Concen: 84.501 ug/L
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW003371.D
Acq: 20 Jun 2018 23:38

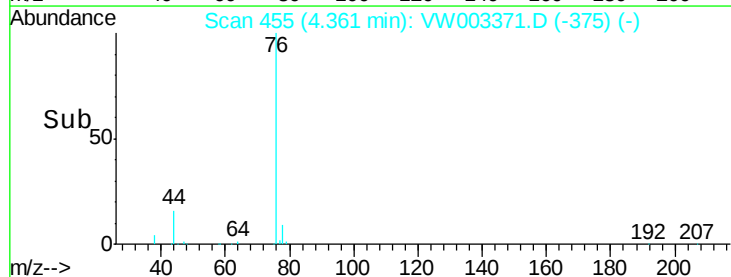
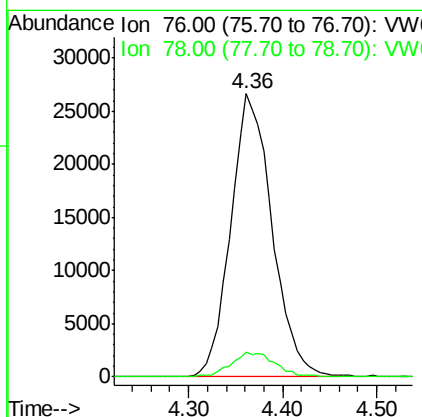
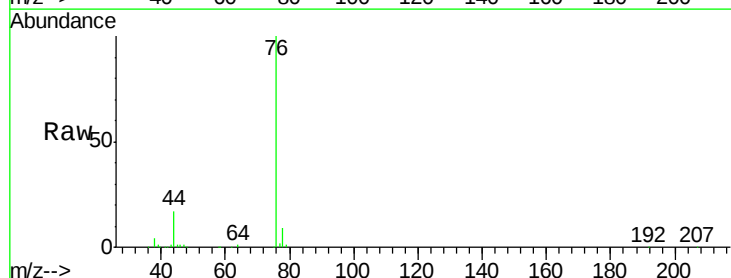
Instrument :
MSVOA_W
ClientSampled :
DAXT1

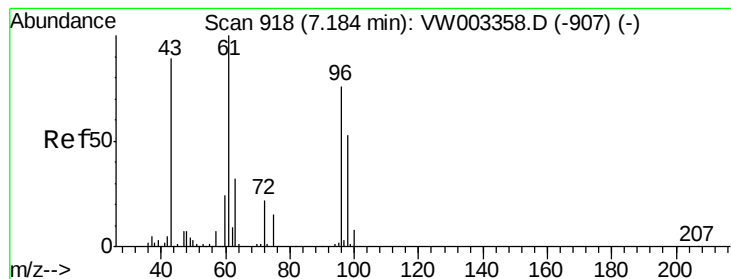
Tgt Ion: 43 Resp: 108033
Ion Ratio Lower Upper
43 100
58 21.8 0.0 58.6



#14
Carbon disulfide
Concen: 7.197 ug/L
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW003371.D
Acq: 20 Jun 2018 23:38

Tgt Ion: 76 Resp: 81465
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#21

2-Butanone

Concen: 37.763 ug/L

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003371.D

Acq: 20 Jun 2018 23:38

Instrument :

MSVOA_W

ClientSampled :

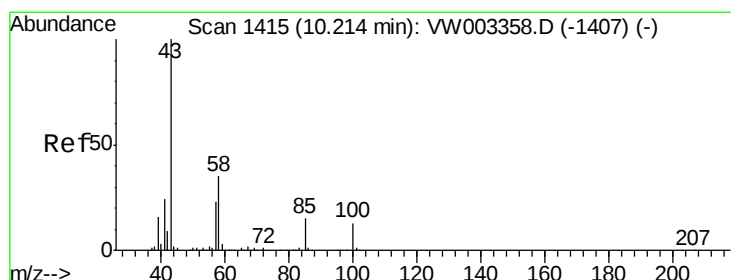
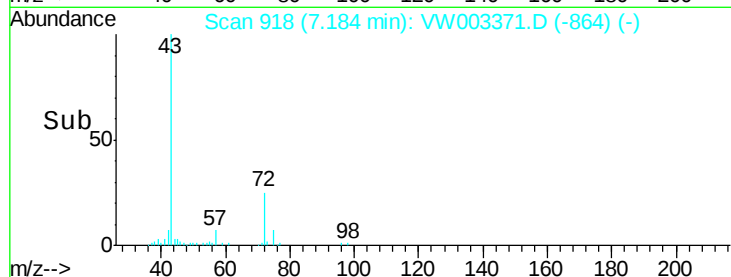
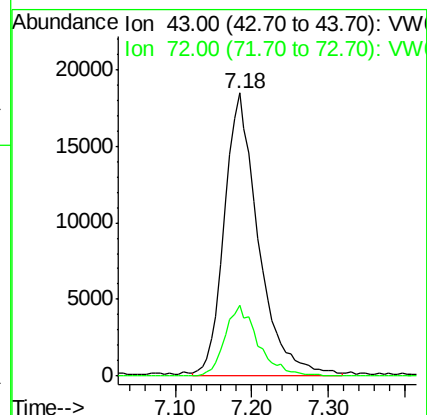
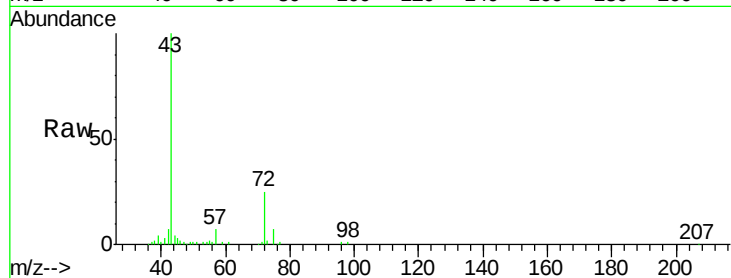
DAXT1

Tgt Ion: 43 Resp: 56734

Ion Ratio Lower Upper

43 100

72 24.4 12.5 37.5



#43

4-Methyl-2-pentanone

Concen: 2.099 ug/L

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003371.D

Acq: 20 Jun 2018 23:38

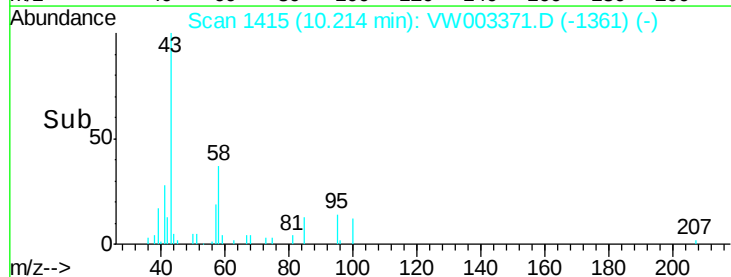
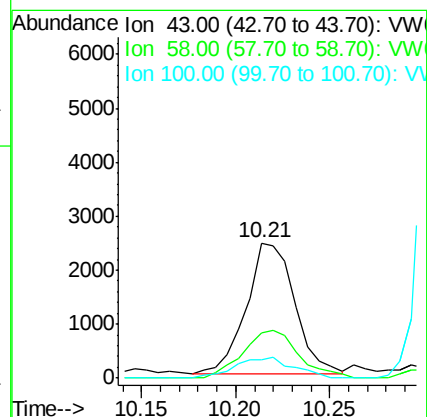
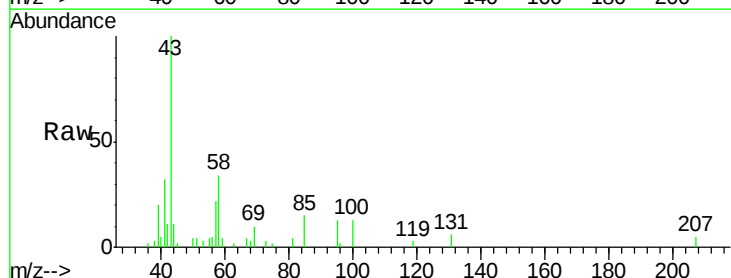
Tgt Ion: 43 Resp: 4284

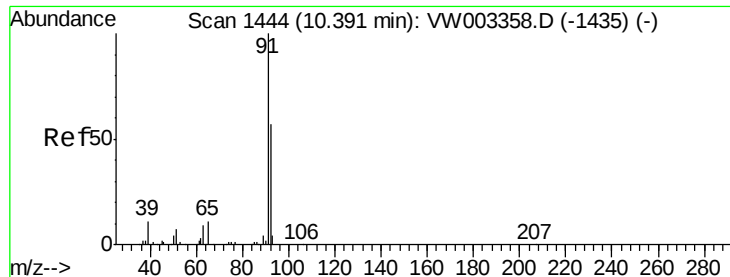
Ion Ratio Lower Upper

43 100

58 42.1 28.7 43.1

100 19.1 11.1 16.7#





#44

Toluene

Concen: 7.483 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003371.D

Acq: 20 Jun 2018 23:38

Instrument :

MSVOA_W

ClientSampled :

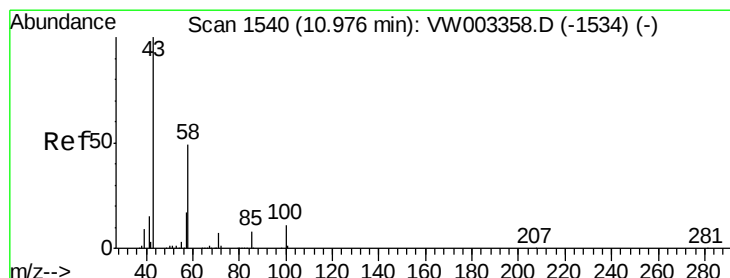
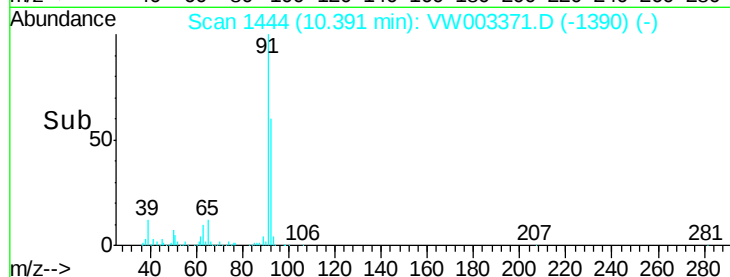
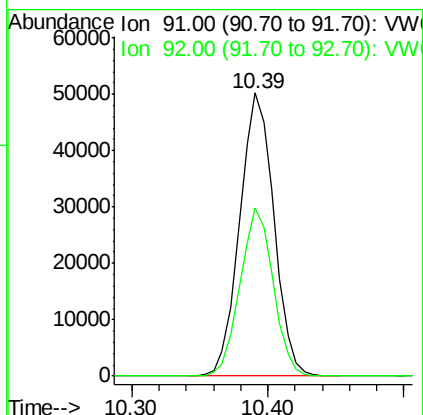
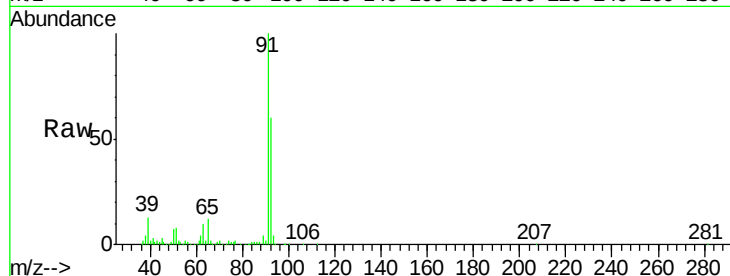
DAXT1

Tgt Ion: 91 Resp: 88114

Ion Ratio Lower Upper

91 100

92 59.6 39.5 73.4



#49

2-Hexanone

Concen: 2.900 ug/L

RT: 10.98 min Scan# 1540

Delta R.T. 0.00 min

Lab File: VW003371.D

Acq: 20 Jun 2018 23:38

Tgt Ion: 43 Resp: 4412

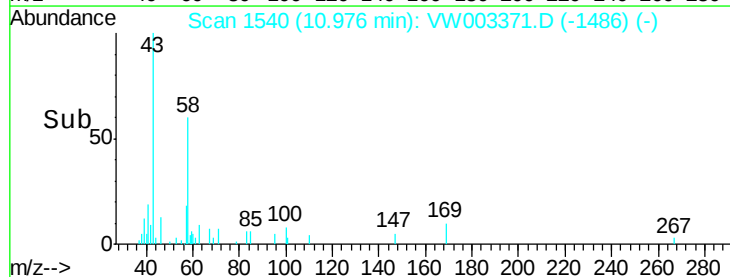
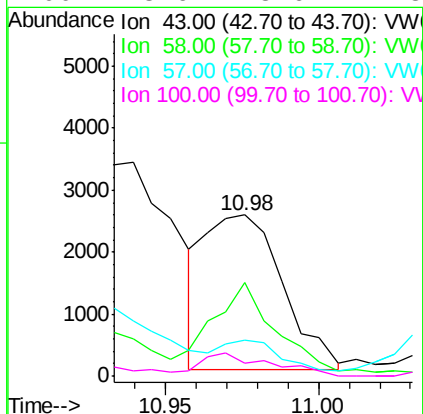
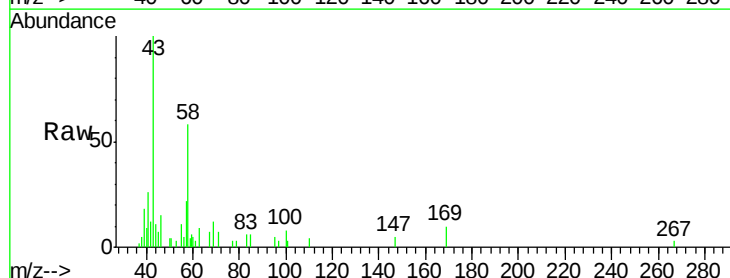
Ion Ratio Lower Upper

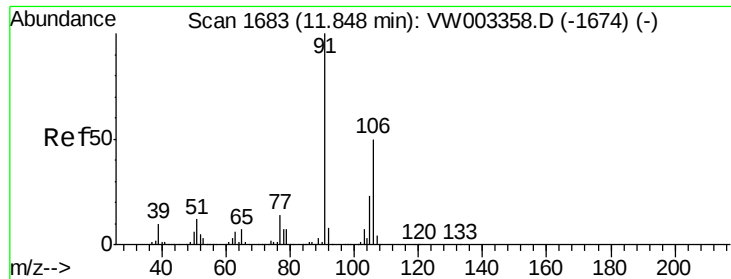
43 100

58 52.5 40.4 60.6

57 13.8 14.6 21.8#

100 13.6 8.6 12.8#





#54

m,p-Xylene

Concen: 2.049 ug/L

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW003371.D

Acq: 20 Jun 2018 23:38

Instrument :

MSVOA_W

ClientSampled :

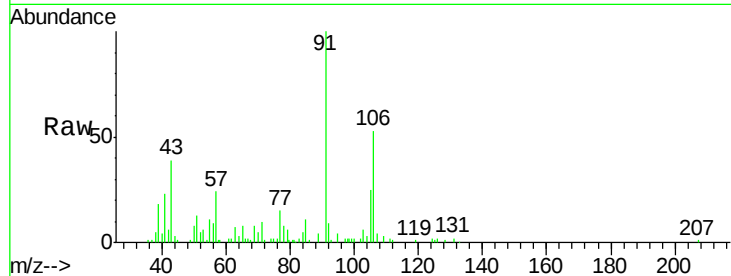
DAXT1

Tgt Ion: 106 Resp: 10052

Ion Ratio Lower Upper

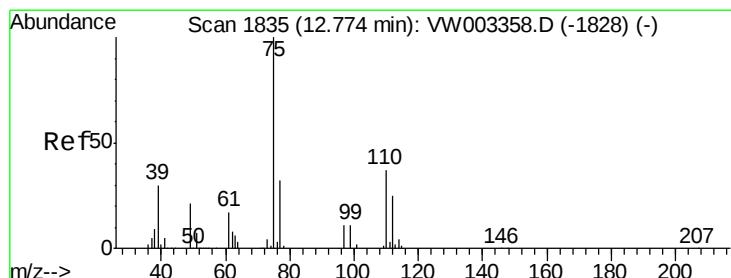
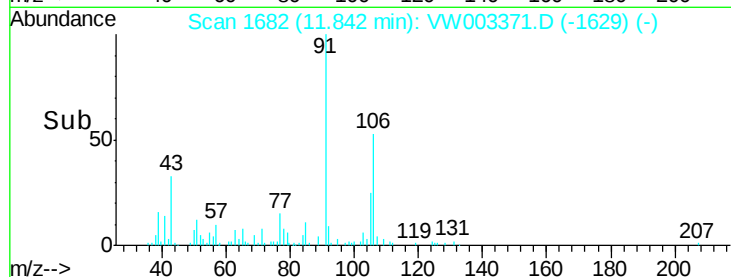
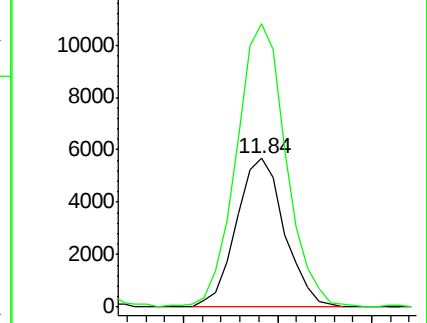
106 100

91 190.4 146.4 271.8



Abundance Ion 106.00 (105.70 to 106.70): VW

Ion 91.00 (90.70 to 91.70): VW



#59

1,2,3-Trichloropropane

Concen: 2.678 ug/L

RT: 12.41 min Scan# 1775

Delta R.T. -0.37 min

Lab File: VW003371.D

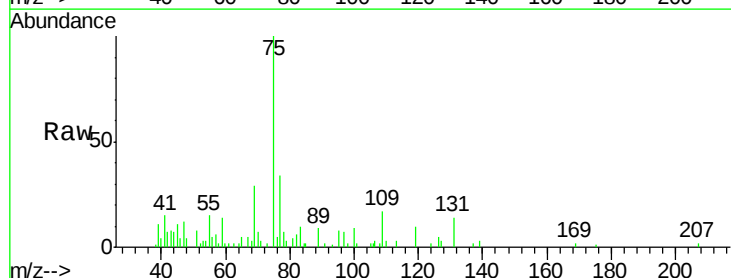
Acq: 20 Jun 2018 23:38

Tgt Ion: 75 Resp: 5772

Ion Ratio Lower Upper

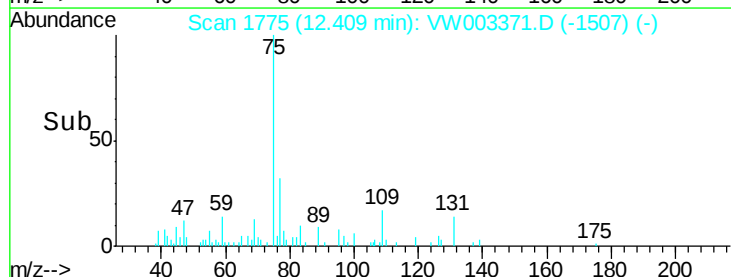
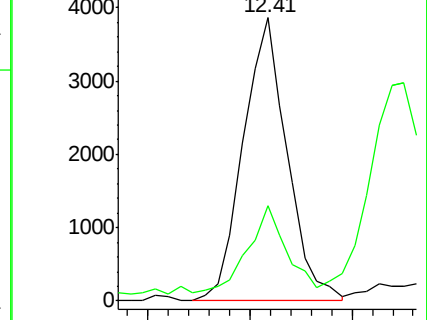
75 100

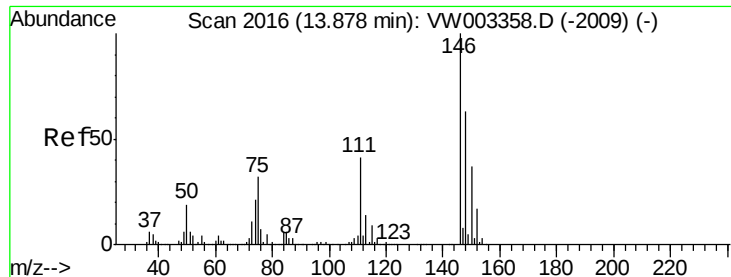
77 27.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

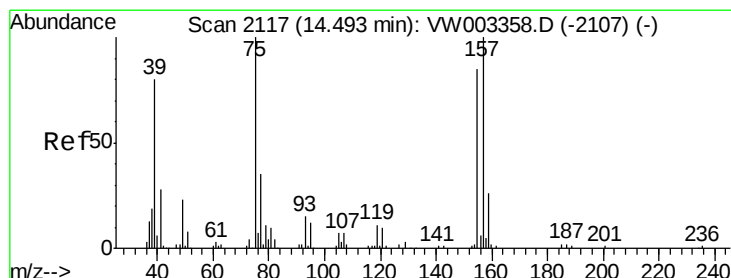
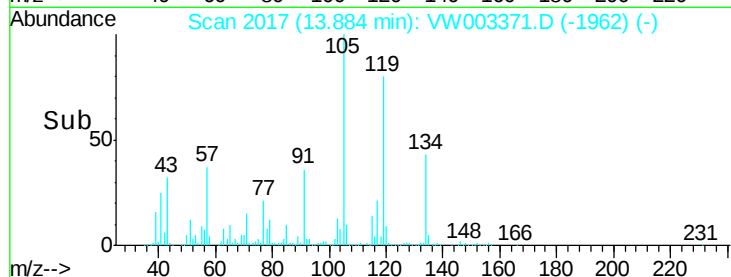
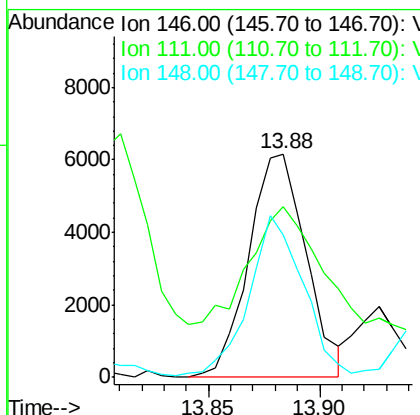
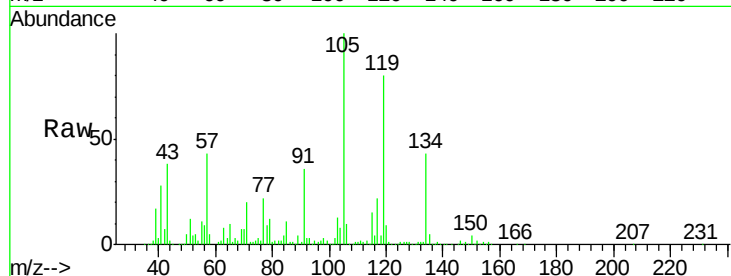




#65
 1,2-Dichlorobenzene
 Concen: 4.005 ug/L
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: VW003371.D
 Acq: 20 Jun 2018 23:38

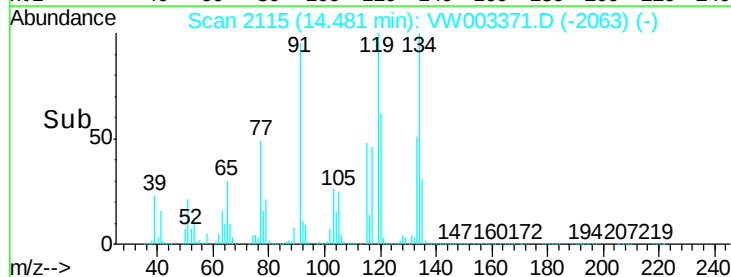
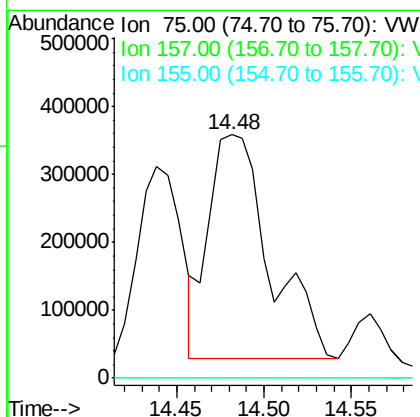
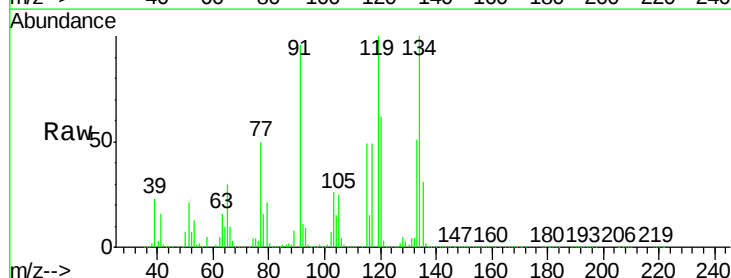
Instrument :
 MSVOA_W
 ClientSampled :
 DAXT1

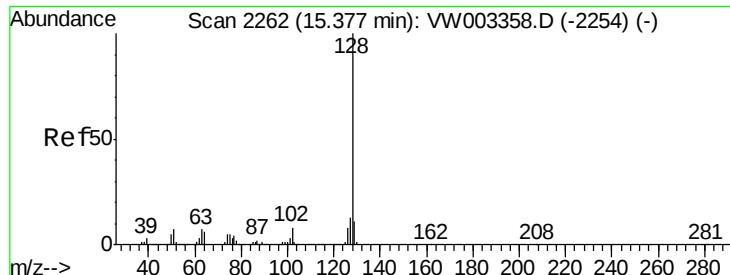
Tgt Ion:146 Resp: 11056
 Ion Ratio Lower Upper
 146 100
 111 76.5 33.1 49.7#
 148 64.0 51.0 76.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3330.433 ug/L
 RT: 14.48 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: VW003371.D
 Acq: 20 Jun 2018 23:38

Tgt Ion: 75 Resp: 806926
 Ion Ratio Lower Upper
 75 100
 157 0.1 70.7 106.1#
 155 0.2 59.0 88.6#





#69

Naphthalene

Concen: 4683.965 ug/L

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW003371.D

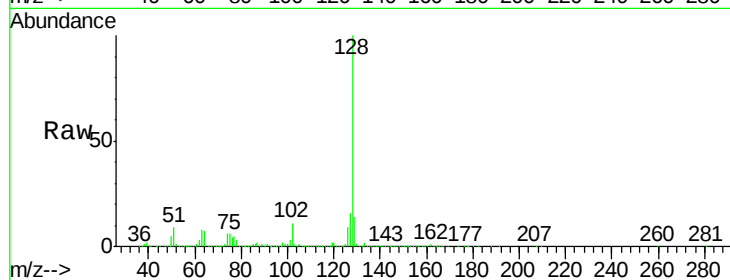
Acq: 20 Jun 2018 23:38

Instrument :

MSVOA_W

ClientSampleId :

DAXT1



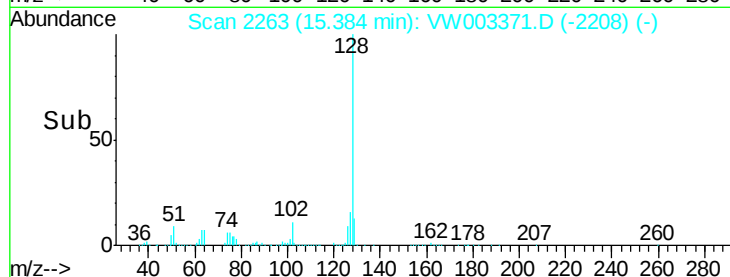
Tgt Ion:128 Resp:16031650

Ion Ratio Lower Upper

128 100

129 12.2 8.6 13.0

127 14.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

