

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003387.D
 Acq On : 21 Jun 2018 15:02
 Operator : SY/AP
 Sample : J3569-18
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXT1RE

Quant Time: Jun 22 04:55:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	280725	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	196485	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	52639	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112203	29.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.88%
7) Chloroethane-d5	2.89	69	91354	28.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.04%
10) 1,1-Dichloroethene-d2	4.01	63	152526	20.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.72%
20) 2-Butanone-d5	7.09	46	60501	50.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.86%
24) Chloroform-d	7.65	84	196080	26.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	8.31	65	118273	26.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.80%
29) Benzene-d6	8.28	84	367806	35.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.12%#
33) 1,2-Dichloropropane-d6	9.28	67	116622	35.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.36%#
37) Toluene-d8	10.33	98	288918	28.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.96%
38) trans-1,3-Dichloropropene-	10.58	79	43503	28.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.32%
39) 2-Hexanone-d5	10.93	63	42737	63.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.72%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	68627	22.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.40%
61) 1,2-Dichlorobenzene-d4	13.87	152	50511	25.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.64%

Target Compounds

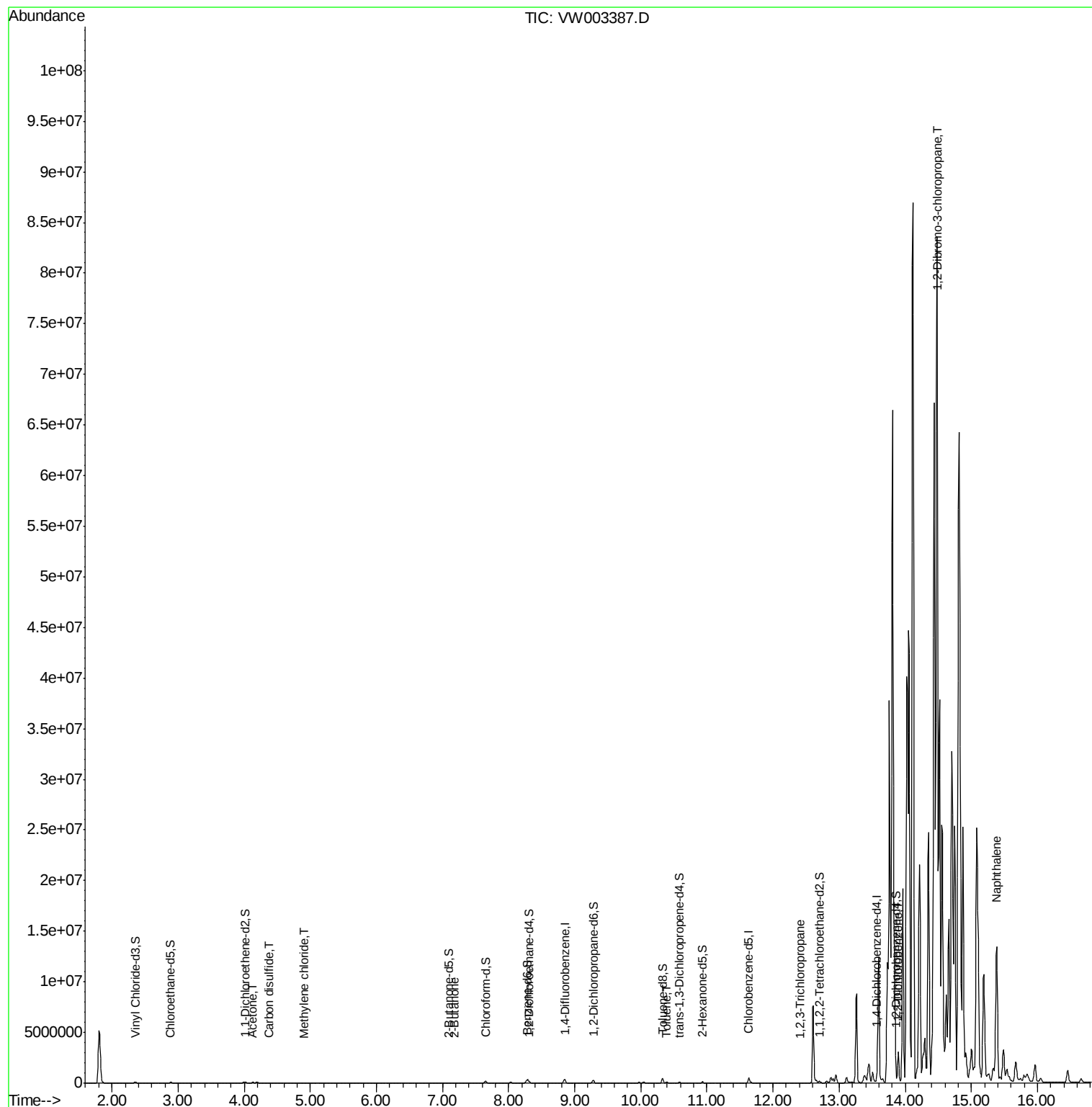
					Qvalue
13) Acetone	4.13	43	153408	119.965	ug/L 89
14) Carbon disulfide	4.37	76	83991	7.419	ug/L 99
16) Methylene chloride	4.91	84	10543	2.726	ug/L 96
21) 2-Butanone	7.18	43	73852	49.146	ug/L 99
44) Toluene	10.39	91	68360	5.626	ug/L 98
59) 1,2,3-Trichloropropane	12.41	75	5884	2.646	ug/L 99
65) 1,2-Dichlorobenzene	13.88	146	7022	2.272	ug/L # 75
66) 1,2-Dibromo-3-chloropropan	14.48	75	587582	2166.720	ug/L # 9
69) Naphthalene	15.38	128	10568820	2758.858	ug/L 99

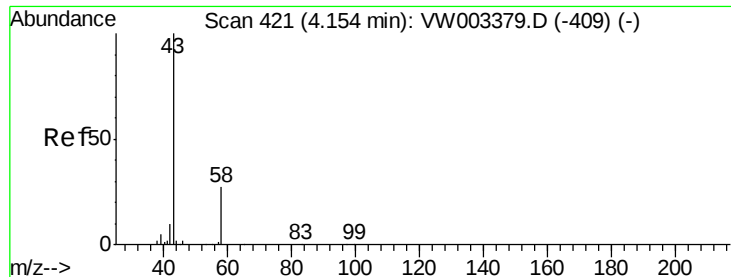
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 04:53:24 2018
Response via : Initial Calibration





#13

Acetone

Concen: 119.965 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.02 min

Lab File: VW003387.D

Acq: 21 Jun 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

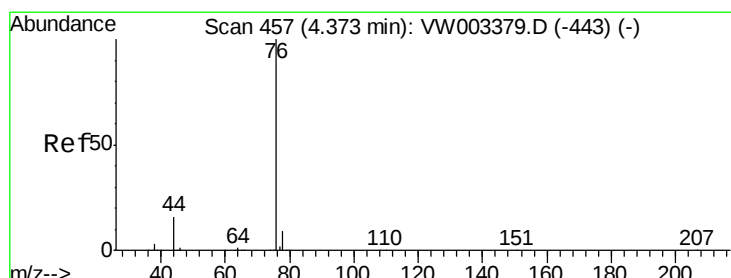
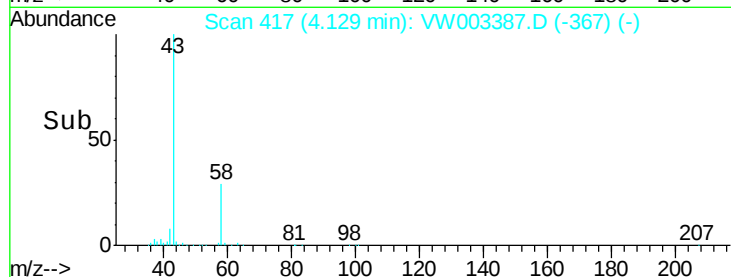
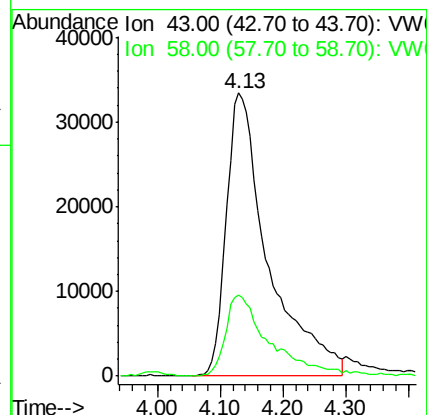
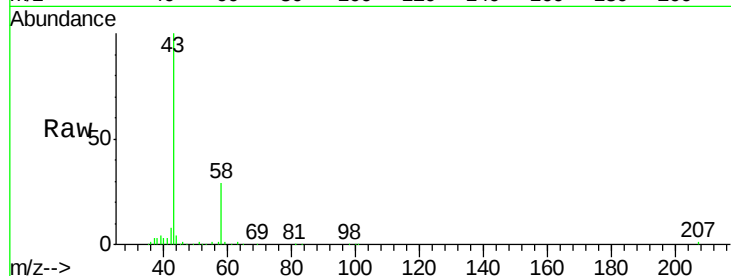
DAXTIRE

Tgt Ion: 43 Resp: 153408

Ion Ratio Lower Upper

43 100

58 23.7 0.0 58.6



#14

Carbon disulfide

Concen: 7.419 ug/L

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003387.D

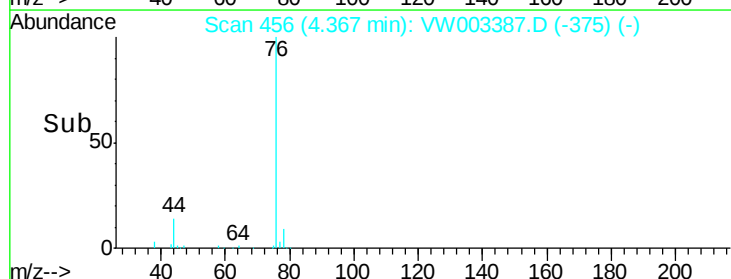
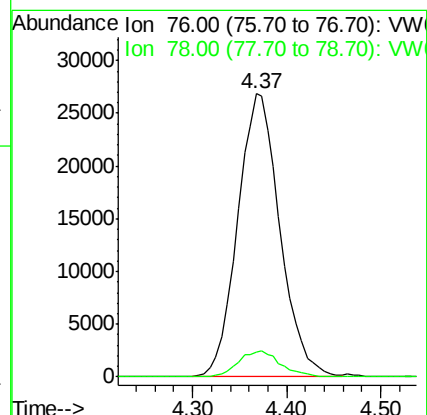
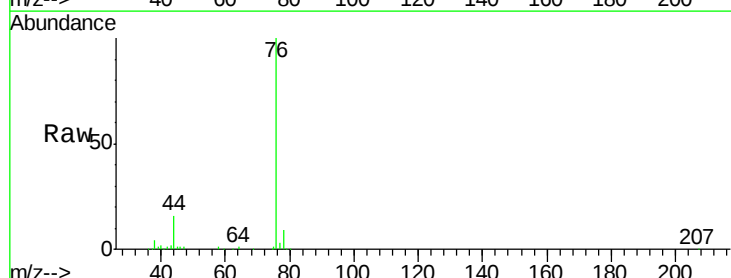
Acq: 21 Jun 2018 15:02

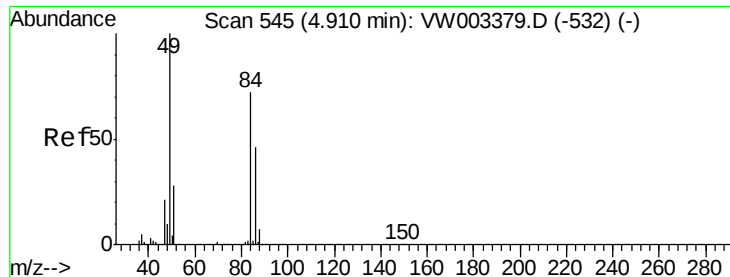
Tgt Ion: 76 Resp: 83991

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

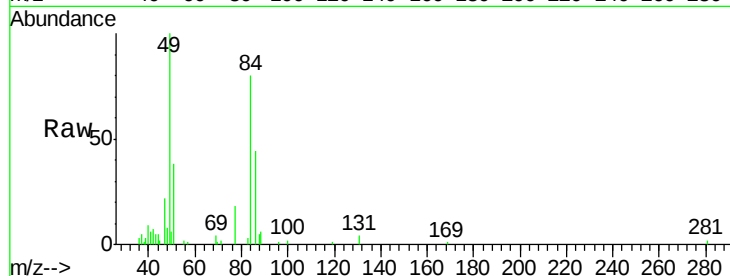




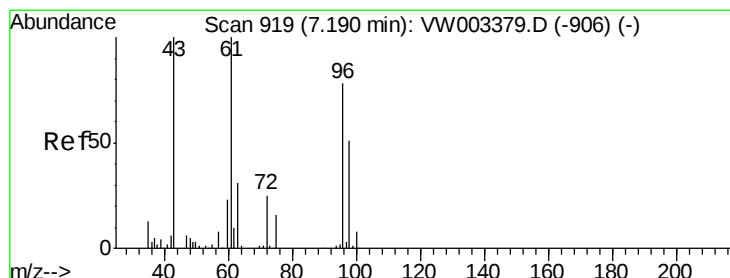
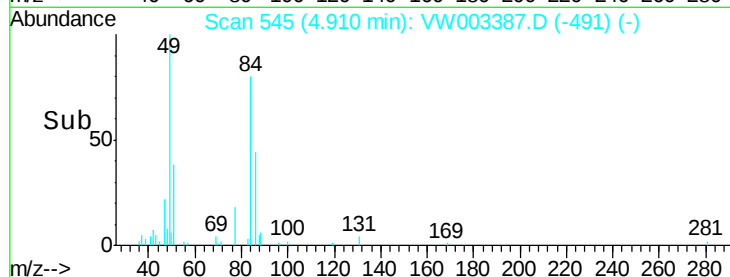
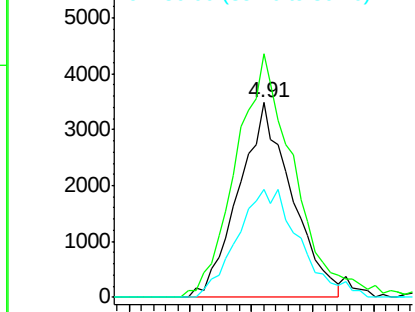
#16
Methylene chloride
Concen: 2.726 ug/L
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003387.D
Acq: 21 Jun 2018 15:02

Instrument :
MSVOA_W
ClientSampleId :
DAXT1RE

Tgt Ion: 84 Resp: 10543
Ion Ratio Lower Upper
84 100
49 124.9 88.7 164.7
86 55.2 44.2 82.0

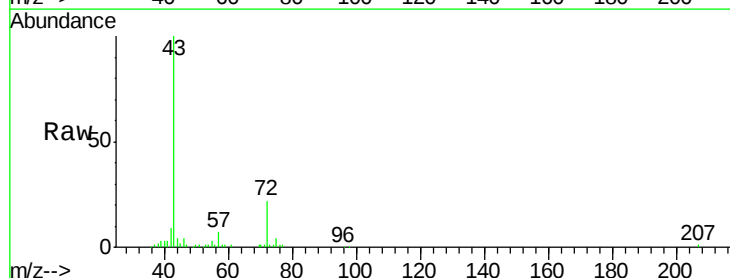


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

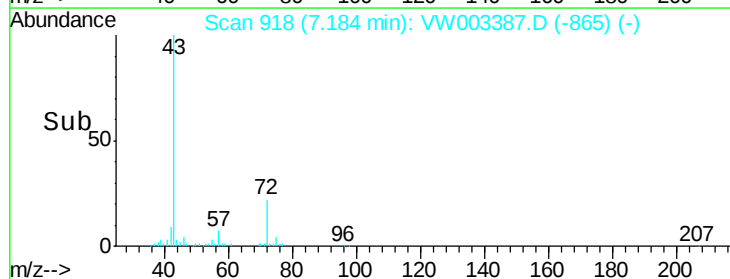
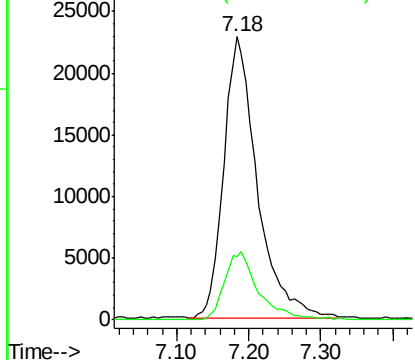


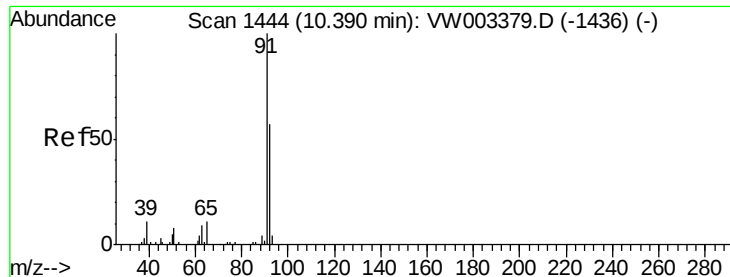
#21
2-Butanone
Concen: 49.146 ug/L
RT: 7.18 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW003387.D
Acq: 21 Jun 2018 15:02

Tgt Ion: 43 Resp: 73852
Ion Ratio Lower Upper
43 100
72 24.3 12.5 37.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#44

Toluene

Concen: 5.626 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003387.D

Acq: 21 Jun 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

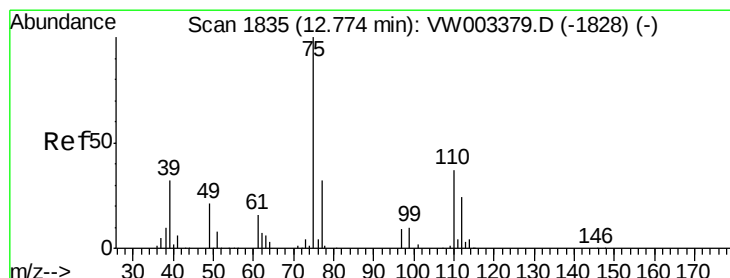
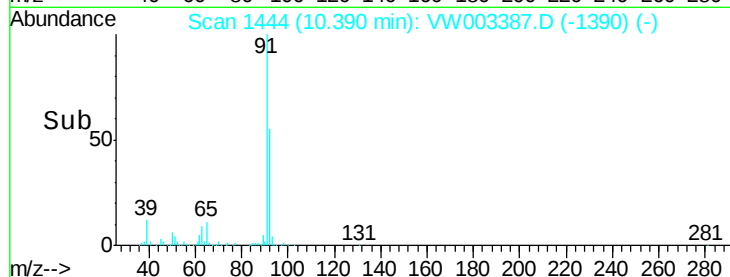
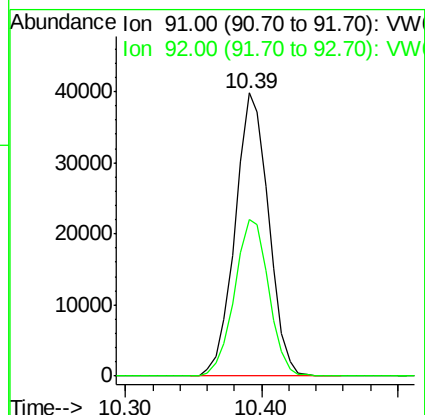
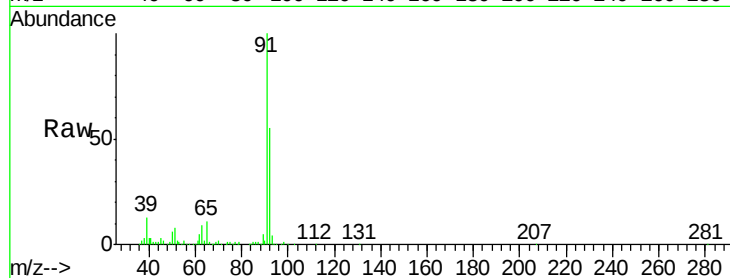
DAXTIRE

Tgt Ion: 91 Resp: 68360

Ion Ratio Lower Upper

91 100

92 55.4 39.5 73.4



#59

1,2,3-Trichloropropane

Concen: 2.646 ug/L

RT: 12.41 min Scan# 1775

Delta R.T. -0.37 min

Lab File: VW003387.D

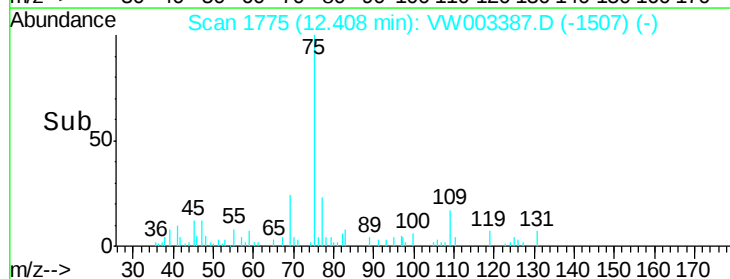
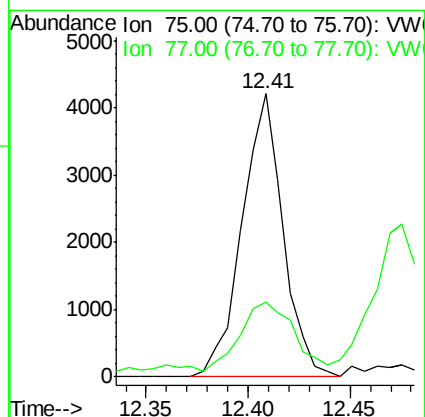
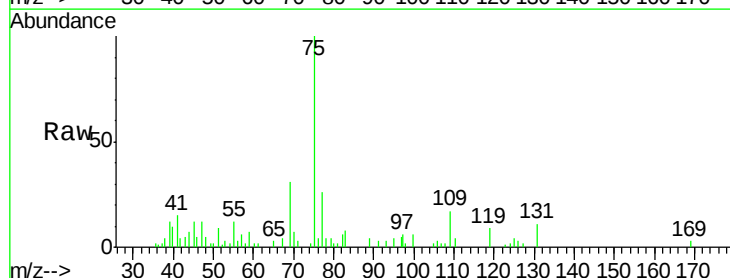
Acq: 21 Jun 2018 15:02

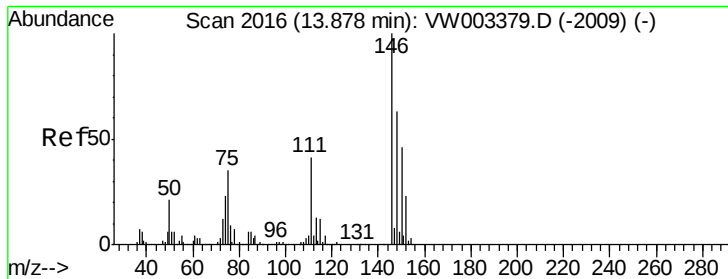
Tgt Ion: 75 Resp: 5884

Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

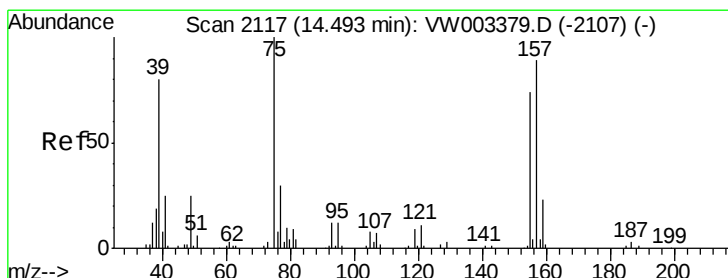
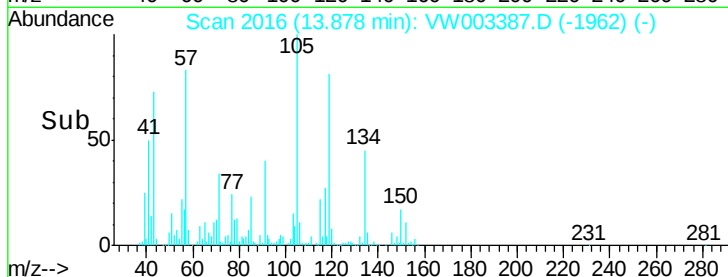
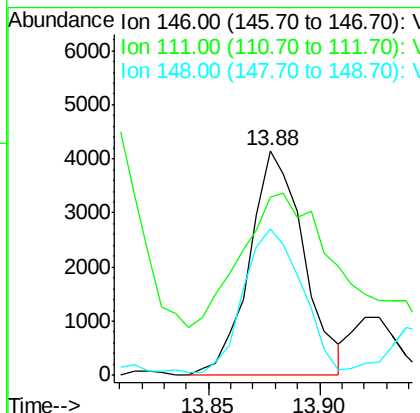
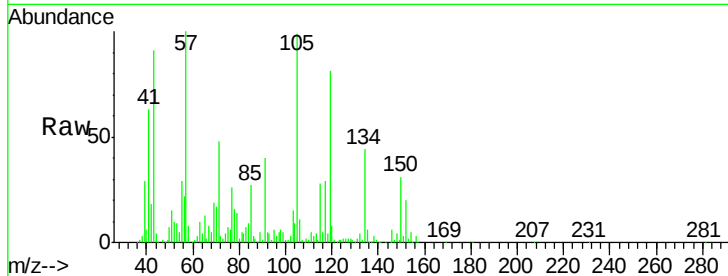




#65
 1,2-Dichlorobenzene
 Concen: 2.272 ug/L
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003387.D
 Acq: 21 Jun 2018 15:02

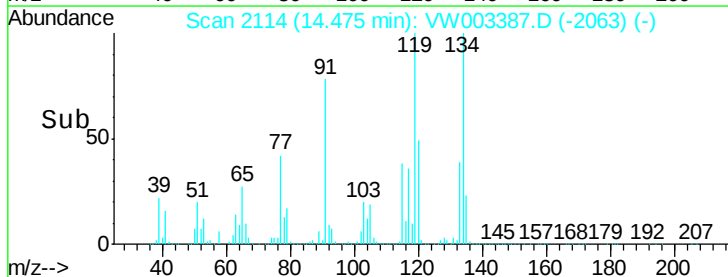
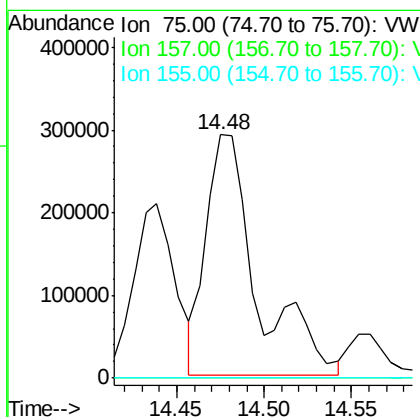
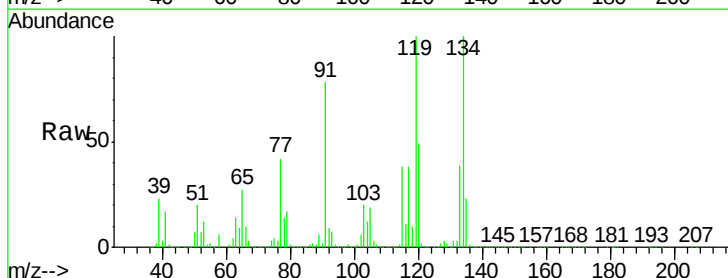
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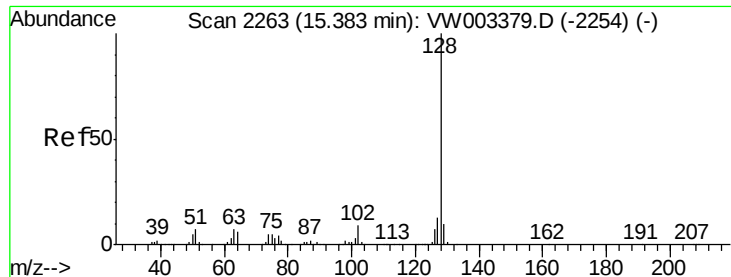
Tgt Ion: 146 Resp: 7022
 Ion Ratio Lower Upper
 146 100
 111 79.0 33.1 49.7#
 148 65.4 51.0 76.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2166.720 ug/L
 RT: 14.48 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: VW003387.D
 Acq: 21 Jun 2018 15:02

Tgt Ion: 75 Resp: 587582
 Ion Ratio Lower Upper
 75 100
 157 0.0 70.7 106.1#
 155 0.1 59.0 88.6#





#69

Naphthalene

Concen: 2758.858 ug/L

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003387.D

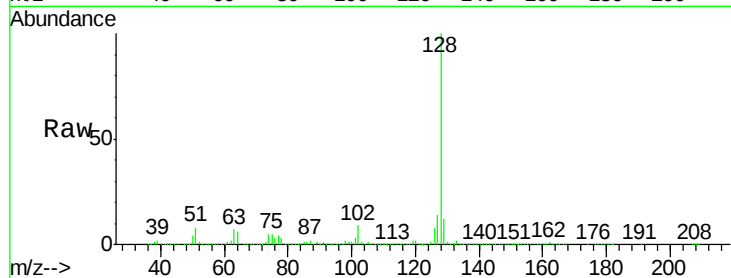
Acq: 21 Jun 2018 15:02

Instrument :

MSVOA_W

ClientSampleId :

DAXTIRE



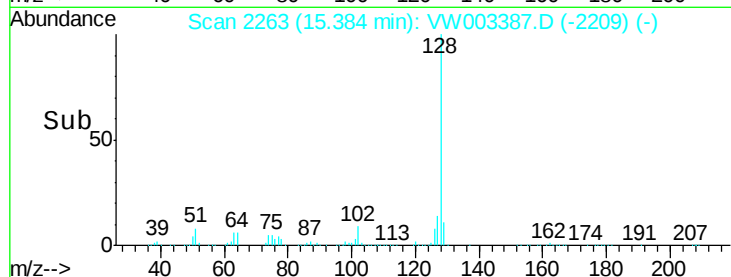
Tgt Ion:128 Resp:10568820

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.6 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

