

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081818\
 Data File : VW004729.D
 Acq On : 16 Aug 2018 14:23
 Operator : SY/AP
 Sample : J4450-10MS
 Misc : 4.43G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 18:26:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	816884	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	721415	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	241487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	261599	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
7) Chloroethane-d5	2.90	69	206303	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
10) 1,1-Dichloroethene-d2	4.03	63	524186	22.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.28%
20) 2-Butanone-d5	7.09	46	209549	59.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.28%
24) Chloroform-d	7.65	84	543352	24.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	8.31	65	323409	27.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.52%
29) Benzene-d6	8.27	84	1073030	26.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.08%
33) 1,2-Dichloropropane-d6	9.28	67	371154	29.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.12%
37) Toluene-d8	10.33	98	914057	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.72%
38) trans-1,3-Dichloropropene-	10.58	79	151966	29.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.12%
39) 2-Hexanone-d5	10.93	63	196554	78.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.52%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	350737	29.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.00%
61) 1,2-Dichlorobenzene-d4	13.87	152	245912	26.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.36%

Target Compounds

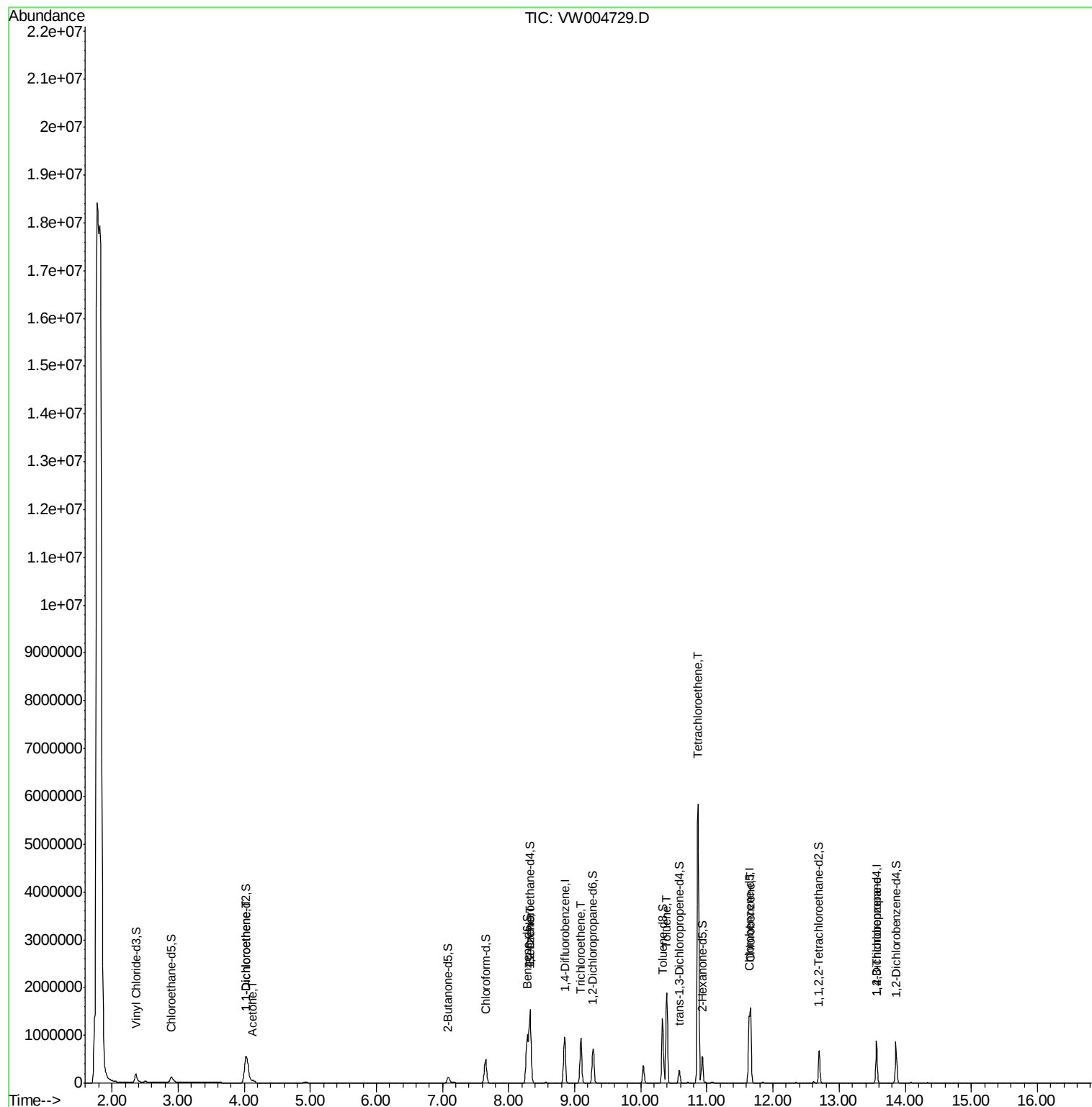
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	289169	23.641	ug/L	94
13) Acetone	4.14	43	64720	20.076	ug/L	99
34) Benzene	8.33	78	1368063	29.791	ug/L	100
35) Trichloroethene	9.09	95	343042	29.685	ug/L	99
44) Toluene	10.39	91	1391526	29.925	ug/L	100
47) Tetrachloroethene	10.87	164	1401674	146.196	ug/L	99
52) Chlorobenzene	11.66	112	813049	26.187	ug/L	100
59) 1,2,3-Trichloropropane	13.57	75	28725	3.213	ug/L	89

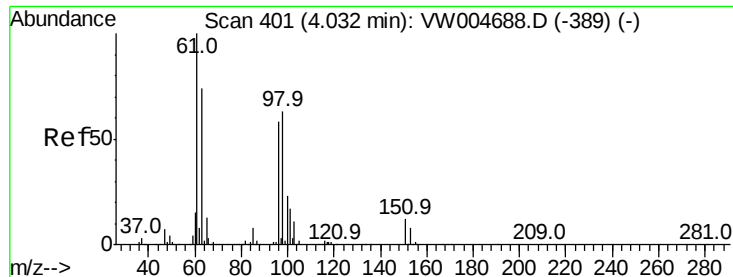
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 23.641 ug/L

RT: 4.04 min Scan# 402

Delta R.T. -0.00 min

Lab File: VW004729.D

Acq: 16 Aug 2018 14:23

Instrument :
MSVOA_W
ClientSampled :

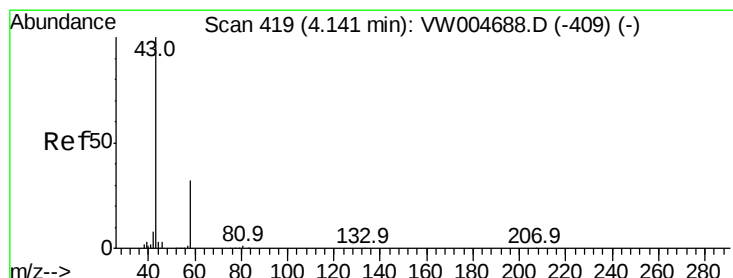
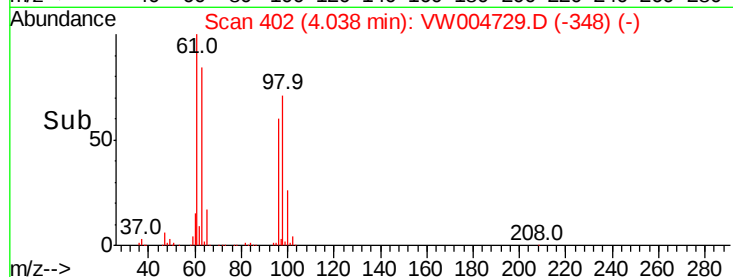
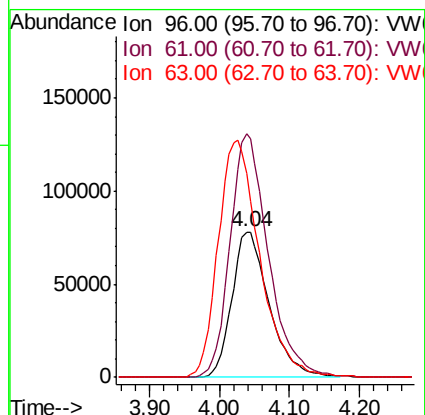
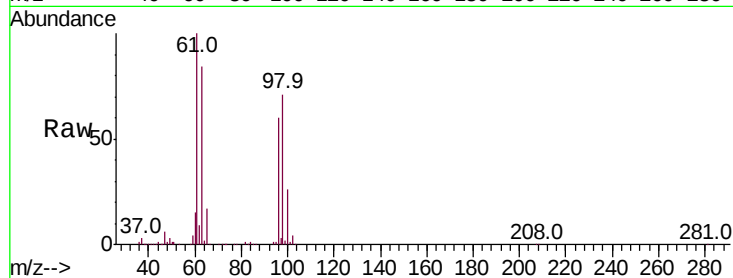
Tot Ion: 96 Resp: 289169

Ion Ratio Lower Upper

96 100

61 167.5 118.9 220.7

63 140.2 88.9 165.1



#13

Acetone

Concen: 20.076 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW004729.D

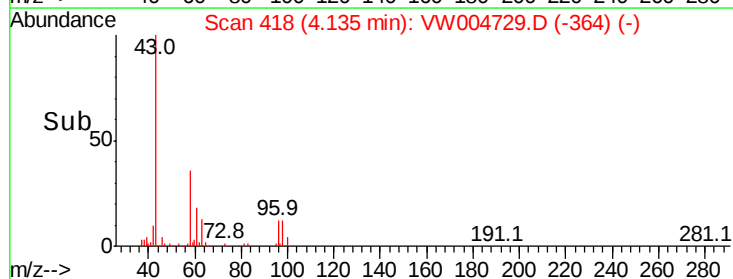
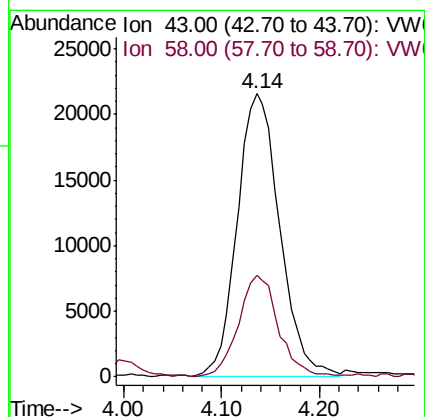
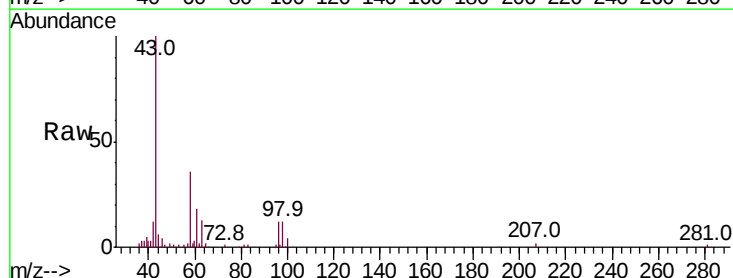
Acq: 16 Aug 2018 14:23

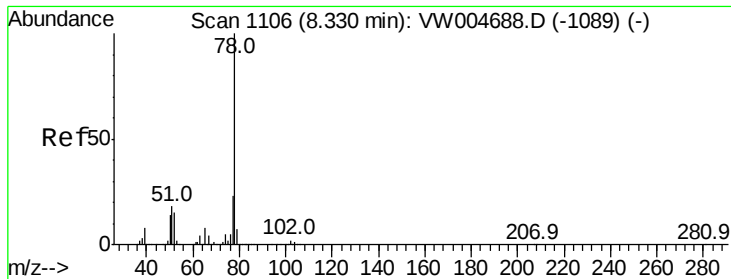
Tgt Ion: 43 Resp: 64720

Ion Ratio Lower Upper

43 100

58 34.2 0.0 69.4





#34

Benzene

Concen: 29.791 ug/L

RT: 8.33 min Scan# 1106

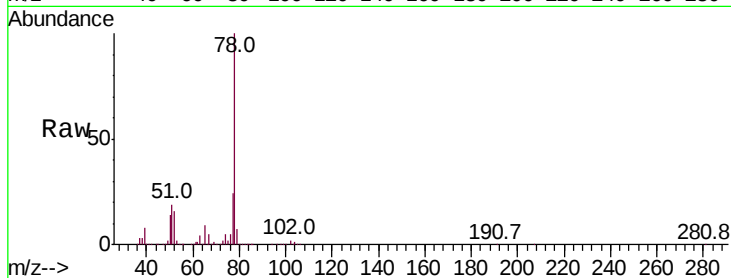
Delta R.T. -0.00 min

Lab File: VW004729.D

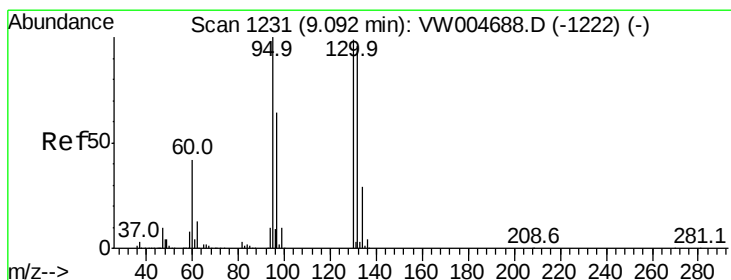
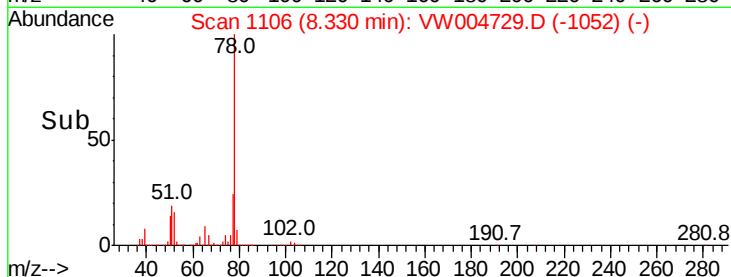
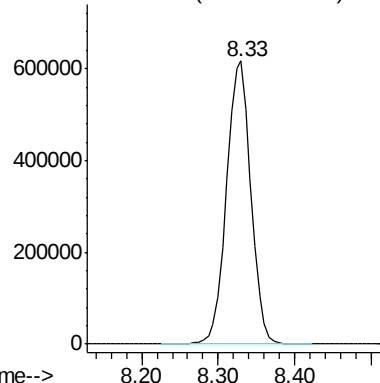
Acq: 16 Aug 2018 14:23

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 1368063



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 29.685 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW004729.D

Acq: 16 Aug 2018 14:23

Tgt Ion: 95 Resp: 343042

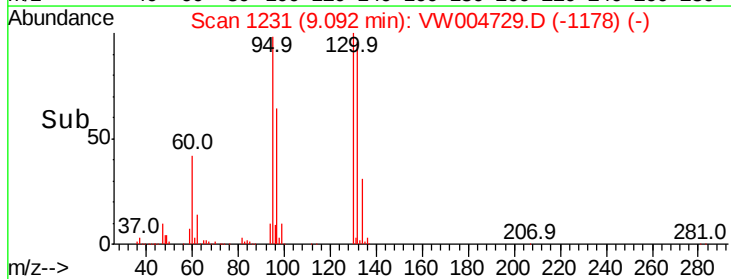
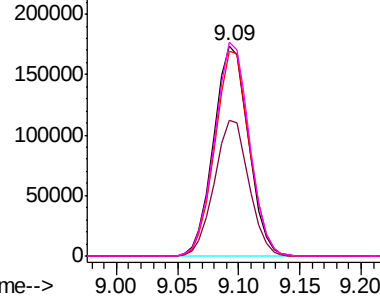
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.1	83.9
132	96.9	68.8	127.8
130	101.8	71.5	132.9

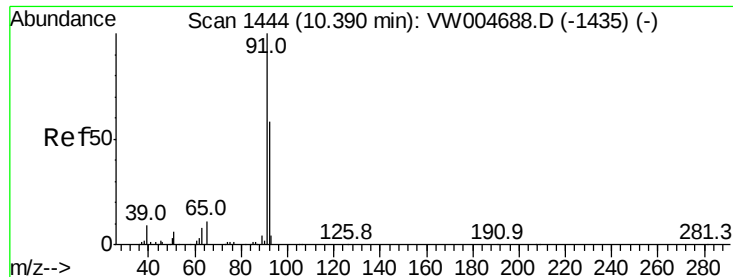
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 29.925 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004729.D

Acq: 16 Aug 2018 14:23

Instrument :

MSVOA_W

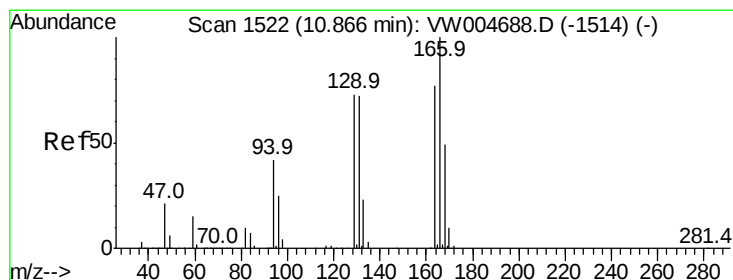
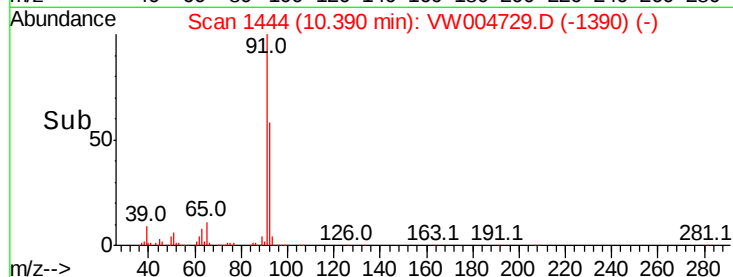
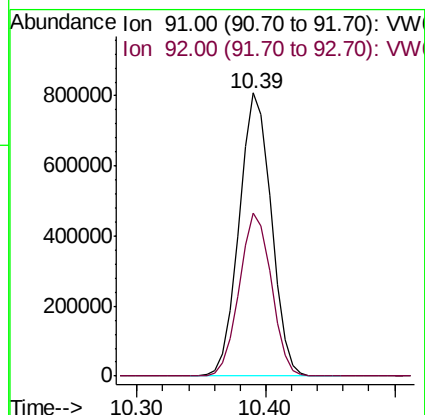
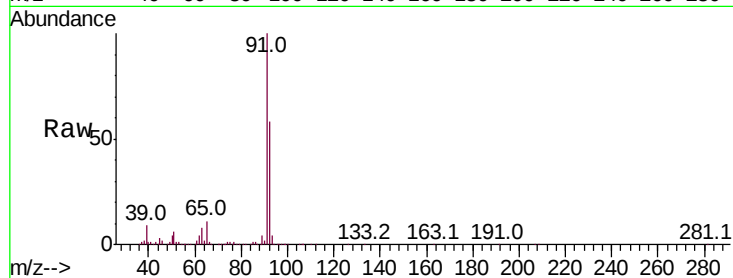
ClientSampleId :

Tot Ion: 91 Resp: 1391526

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.8



#47

Tetrachloroethene

Concen: 146.196 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004729.D

Acq: 16 Aug 2018 14:23

Tgt Ion:164 Resp: 1401674

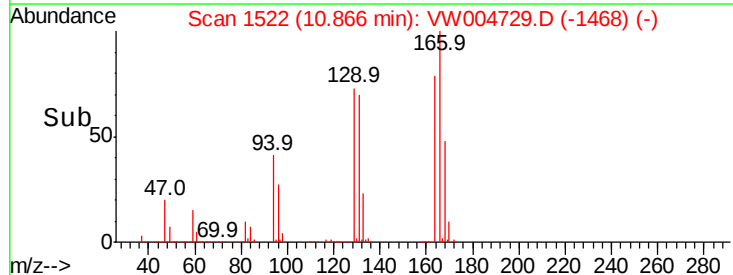
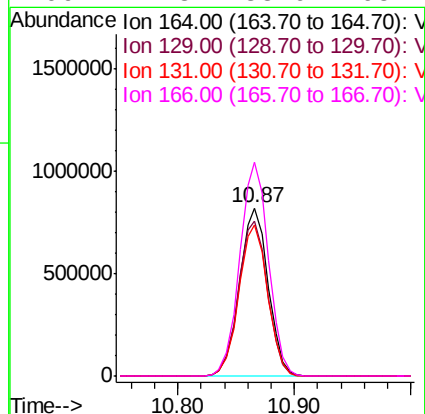
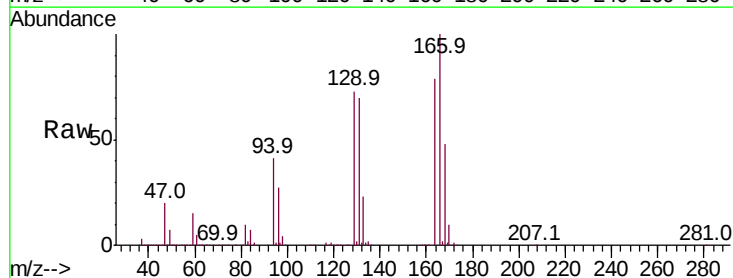
Ion Ratio Lower Upper

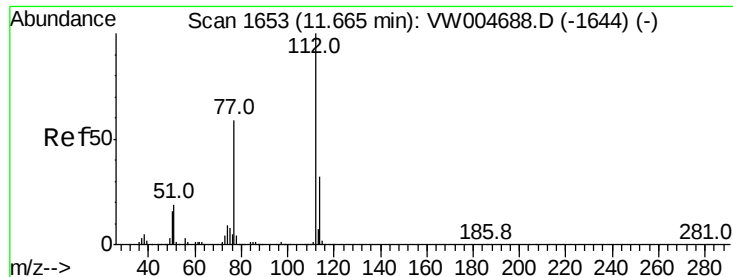
164 100

129 92.3 65.0 120.6

131 89.7 62.2 115.4

166 127.3 88.9 165.1





#52

Chlorobenzene

Concen: 26.187 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004729.D

Acq: 16 Aug 2018 14:23

Instrument :

MSVOA_W

ClientSampleId :

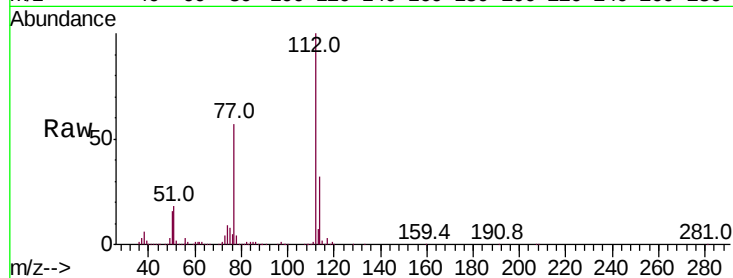
Tot Ion:112 Resp: 813049

Ion Ratio Lower Upper

112 100

77 57.0 46.0 69.0

114 31.9 22.3 41.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

600000

500000

400000

300000

200000

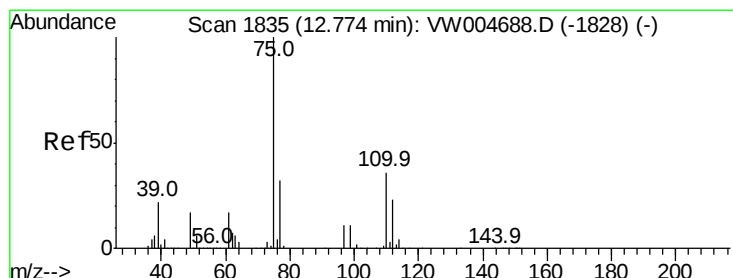
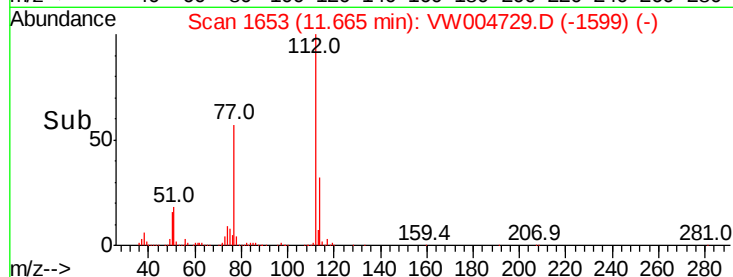
100000

0

11.66

11.70

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.213 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004729.D

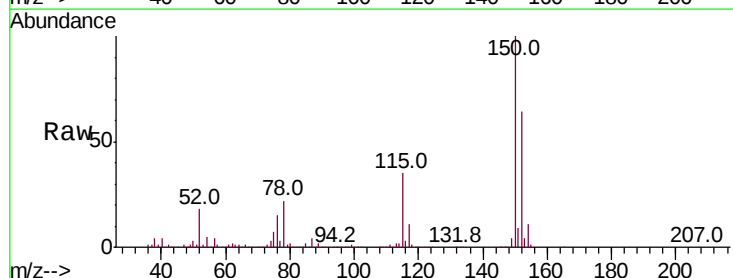
Acq: 16 Aug 2018 14:23

Tgt Ion: 75 Resp: 28725

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

20000

15000

10000

5000

0

13.57

13.60

Time-->

