

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004949.D
 Acq On : 24 Aug 2018 21:27
 Operator : SY/AP
 Sample : J4647-02MS
 Misc : 3.66G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB69MS

Quant Time: Aug 25 01:35:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	666998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	708787	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	281241	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	293210	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.04%
7) Chloroethane-d5	2.89	69	233458	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.92%
10) 1,1-Dichloroethene-d2	4.03	63	360930	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.68%
20) 2-Butanone-d5	7.09	46	137811	53.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.42%
24) Chloroform-d	7.65	84	353498	23.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	8.31	65	223675	27.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.20%
29) Benzene-d6	8.28	84	894014	24.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.08%
33) 1,2-Dichloropropane-d6	9.28	67	275310	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.80%
37) Toluene-d8	10.33	98	958910	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	10.59	79	115924	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.60%
39) 2-Hexanone-d5	10.93	63	157319	59.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.56%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	280858	26.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	320792	28.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.56%

Target Compounds

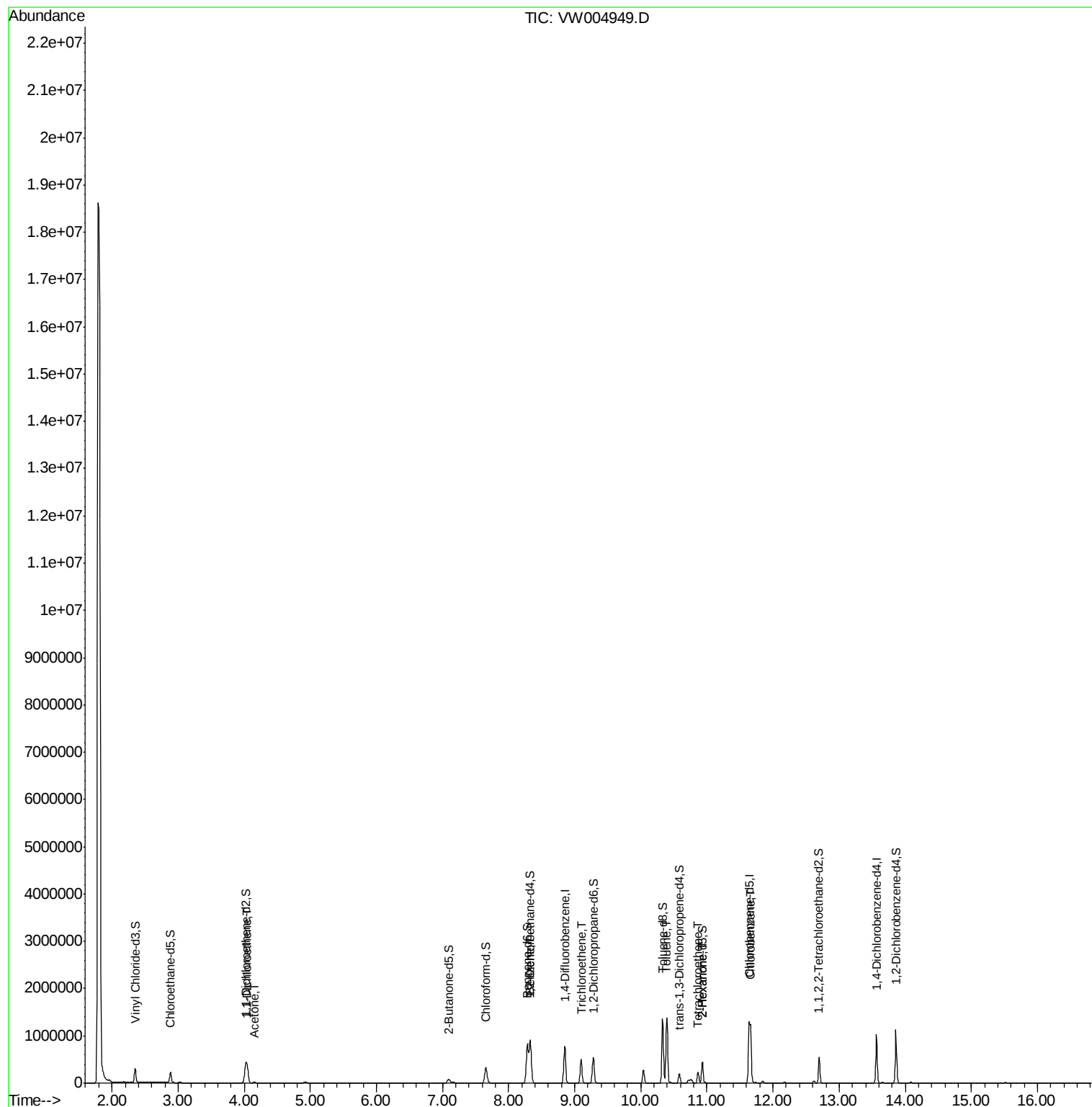
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	154438	19.888	ug/L	89
13) Acetone	4.14	43	19501	9.812	ug/L	97
34) Benzene	8.33	78	828437	20.499	ug/L	100
35) Trichloroethene	9.10	95	187310	18.639	ug/L	99
44) Toluene	10.39	91	1069436	22.035	ug/L	100
47) Tetrachloroethene	10.87	164	56804	5.774	ug/L	99
49) 2-Hexanone	10.93	43	19745	3.482	ug/L #	66
52) Chlorobenzene	11.66	112	635519	19.712	ug/L	98

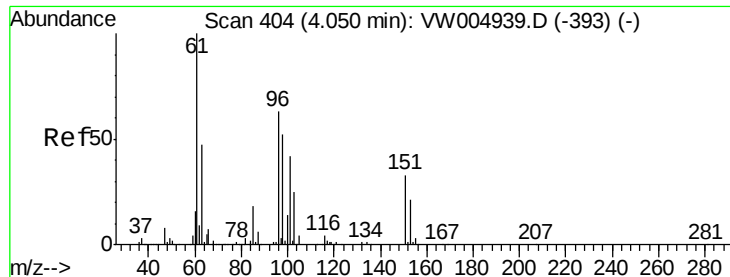
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 01:34:01 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 19.888 ug/L

RT: 4.04 min Scan# 403

Delta R.T. 0.00 min

Lab File: VW004949.D

Acq: 24 Aug 2018 21:27

Instrument :

MSVOA_W

ClientSampleId :

GAB69MS

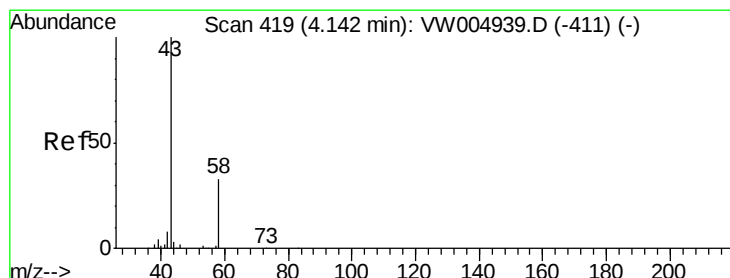
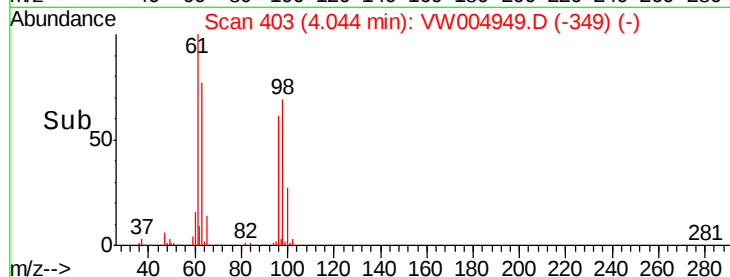
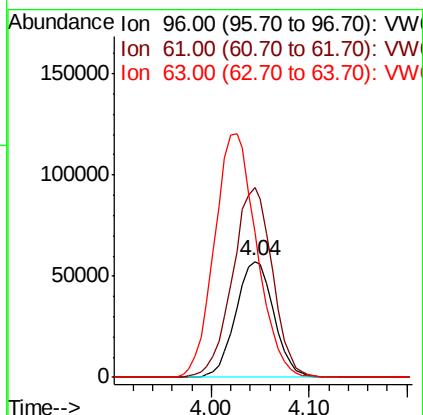
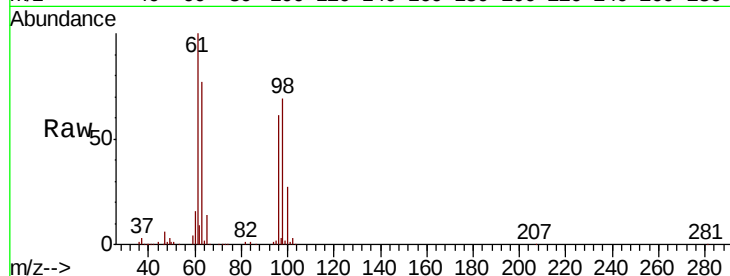
Tgt Ion: 96 Resp: 154438

Ion Ratio Lower Upper

96 100

61 163.3 107.0 198.8

63 125.3 76.9 142.7



#13

Acetone

Concen: 9.812 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VW004949.D

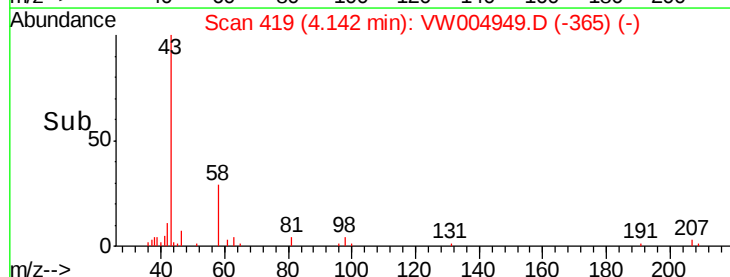
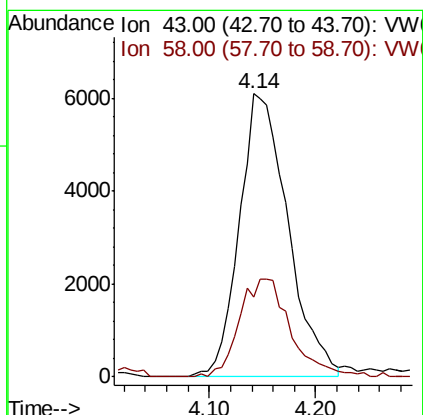
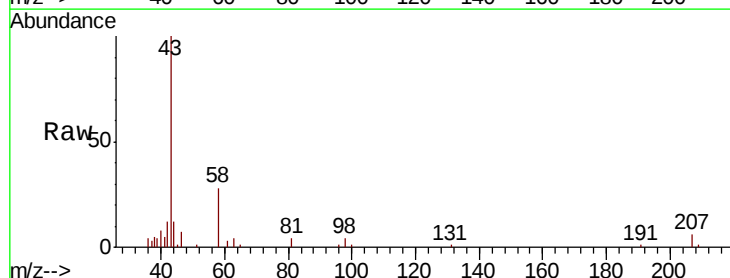
Acq: 24 Aug 2018 21:27

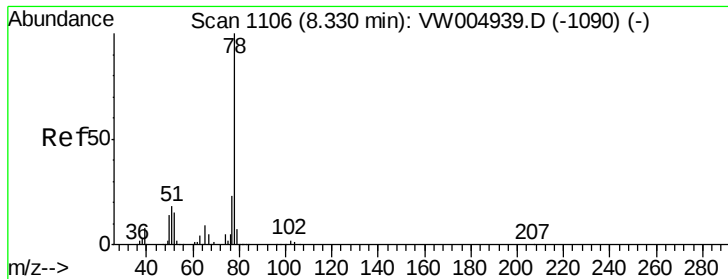
Tgt Ion: 43 Resp: 19501

Ion Ratio Lower Upper

43 100

58 36.2 0.0 69.4





#34

Benzene

Concen: 20.499 ug/L

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW004949.D

Acq: 24 Aug 2018 21:27

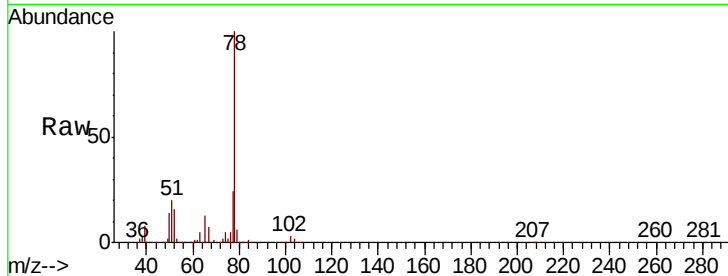
Instrument :

MSVOA_W

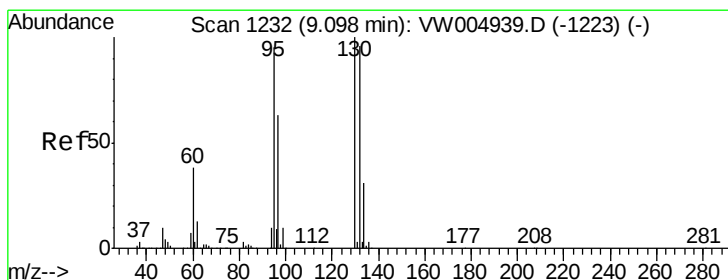
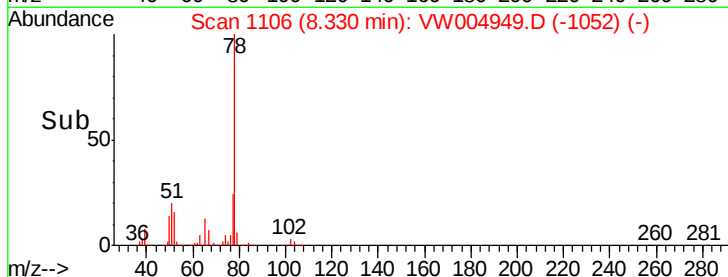
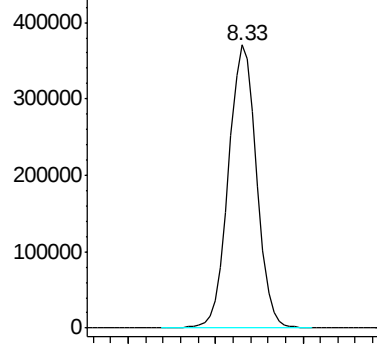
ClientSampleId :

GAB69MS

Tgt Ion: 78 Resp: 828437



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 18.639 ug/L

RT: 9.10 min Scan# 1232

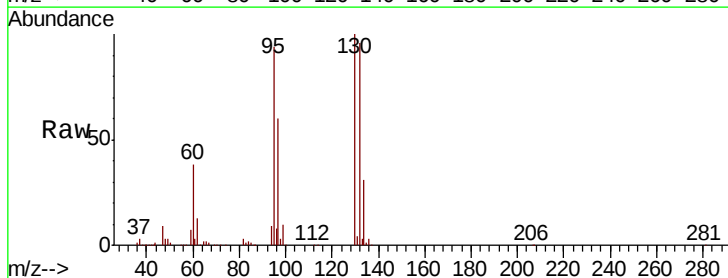
Delta R.T. 0.00 min

Lab File: VW004949.D

Acq: 24 Aug 2018 21:27

Tgt Ion: 95 Resp: 187310

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	100.2	69.2	128.4
130	103.6	72.7	135.1

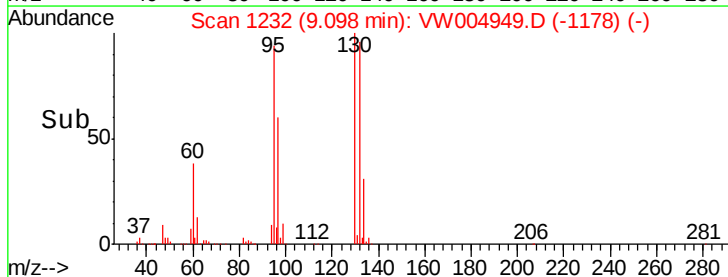


Abundance Ion 95.00 (94.70 to 95.70): VW

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

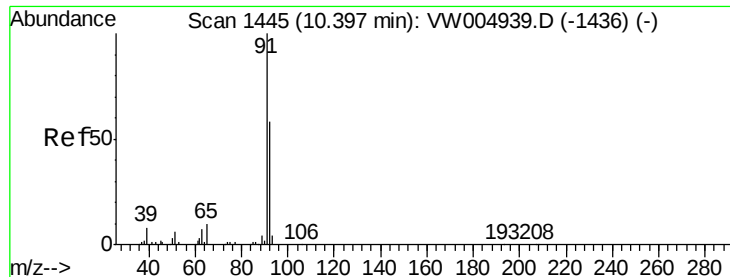


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 22.035 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW004949.D

Acq: 24 Aug 2018 21:27

Instrument :

MSVOA_W

ClientSampleId :

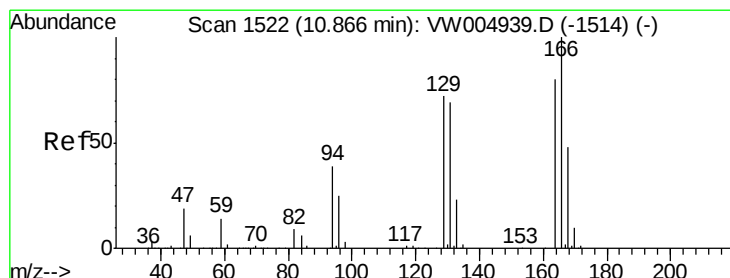
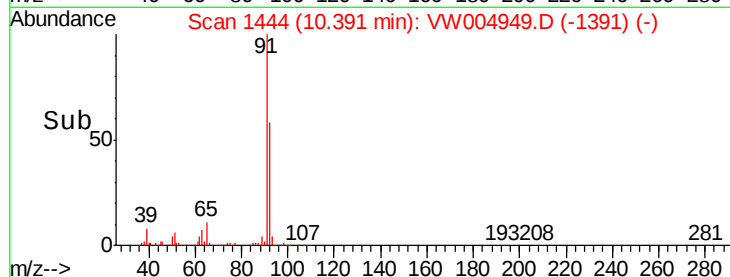
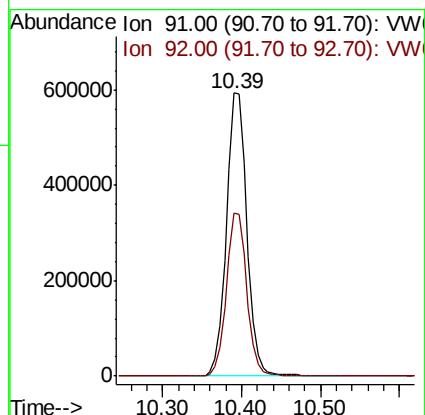
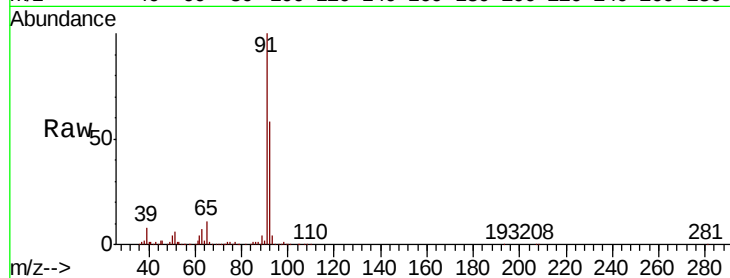
GAB69MS

Tgt Ion: 91 Resp: 1069436

Ion Ratio Lower Upper

91 100

92 57.8 40.6 75.4



#47

Tetrachloroethene

Concen: 5.774 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004949.D

Acq: 24 Aug 2018 21:27

Tgt Ion: 164 Resp: 56804

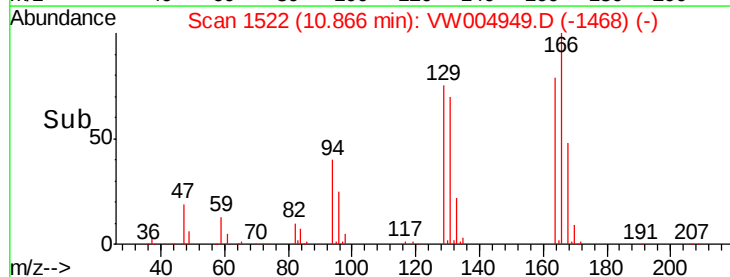
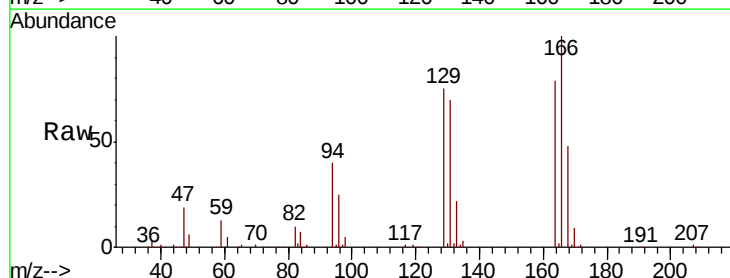
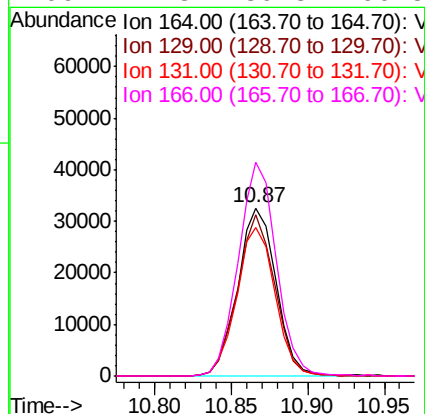
Ion Ratio Lower Upper

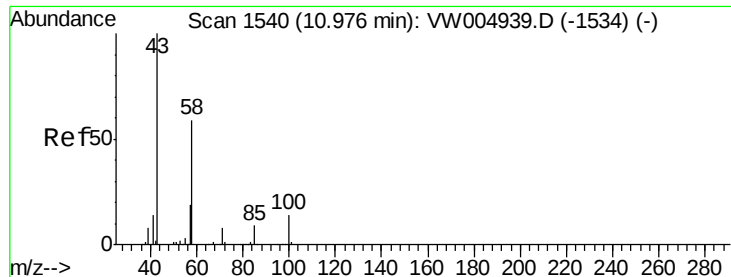
164 100

129 95.9 66.8 124.0

131 88.7 64.0 119.0

166 127.3 89.8 166.8

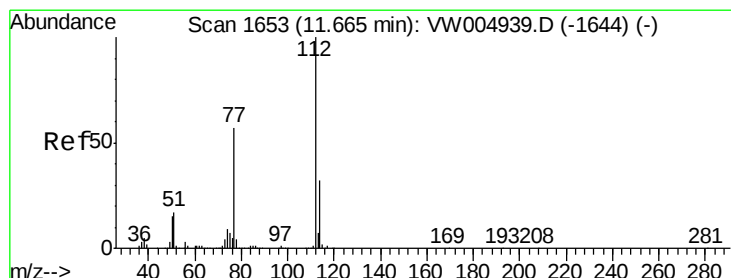
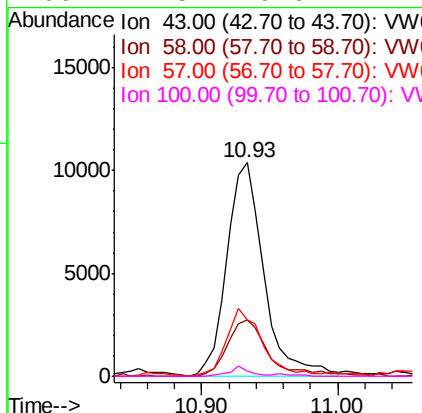
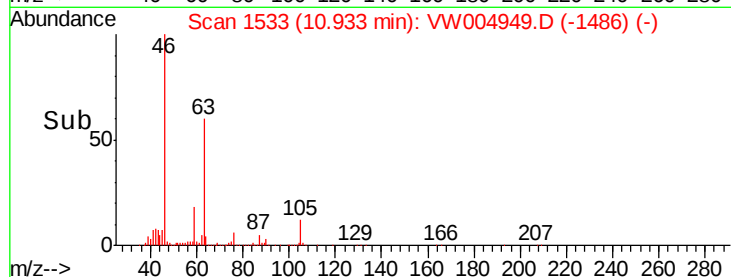
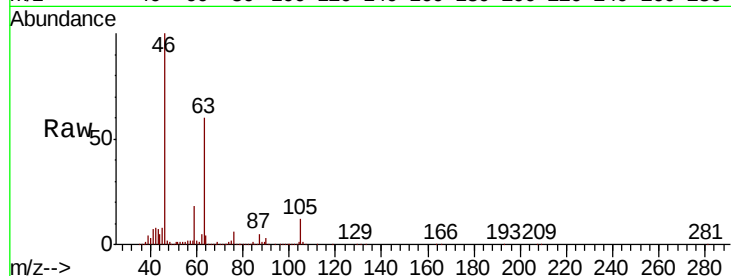




#49
2-Hexanone
Concen: 3.482 ug/L
RT: 10.93 min Scan# 1533
Delta R.T. -0.04 min
Lab File: VW004949.D
Acq: 24 Aug 2018 21:27

Instrument :
MSVOA_W
ClientSampleId :
GAB69MS

Tgt Ion: 43 Resp: 19745
Ion Ratio Lower Upper
43 100
58 26.9 44.6 67.0#
57 30.2 15.4 23.2#
100 2.5 9.6 14.4#



#52
Chlorobenzene
Concen: 19.712 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW004949.D
Acq: 24 Aug 2018 21:27

Tgt Ion: 112 Resp: 635519
Ion Ratio Lower Upper
112 100
77 55.6 45.8 68.8
114 32.0 22.5 41.7

