

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010932.D
 Acq On : 24 Jun 2019 15:57
 Operator : SY/VA
 Sample : K3497-04MSD
 Misc : 4.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAM07MSD

Quant Time: Jun 25 02:43:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 11:05:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357148	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280415	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94493	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94446	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
7) Chloroethane-d5	2.89	69	67419	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.56%
10) 1,1-Dichloroethene-d2	4.03	63	225152	20.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.32%
20) 2-Butanone-d5	7.07	46	130176	59.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.76%
24) Chloroform-d	7.65	84	192504	19.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.96%
26) 1,2-Dichloroethane-d4	8.31	65	132933	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.04%
29) Benzene-d6	8.27	84	390360	23.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.76%
33) 1,2-Dichloropropane-d6	9.27	67	134612	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	326991	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.12%
38) trans-1,3-Dichloropropene-	10.58	79	55125	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.56%
39) 2-Hexanone-d5	10.93	63	91124	72.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.78%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	113027	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	73869	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%

Target Compounds

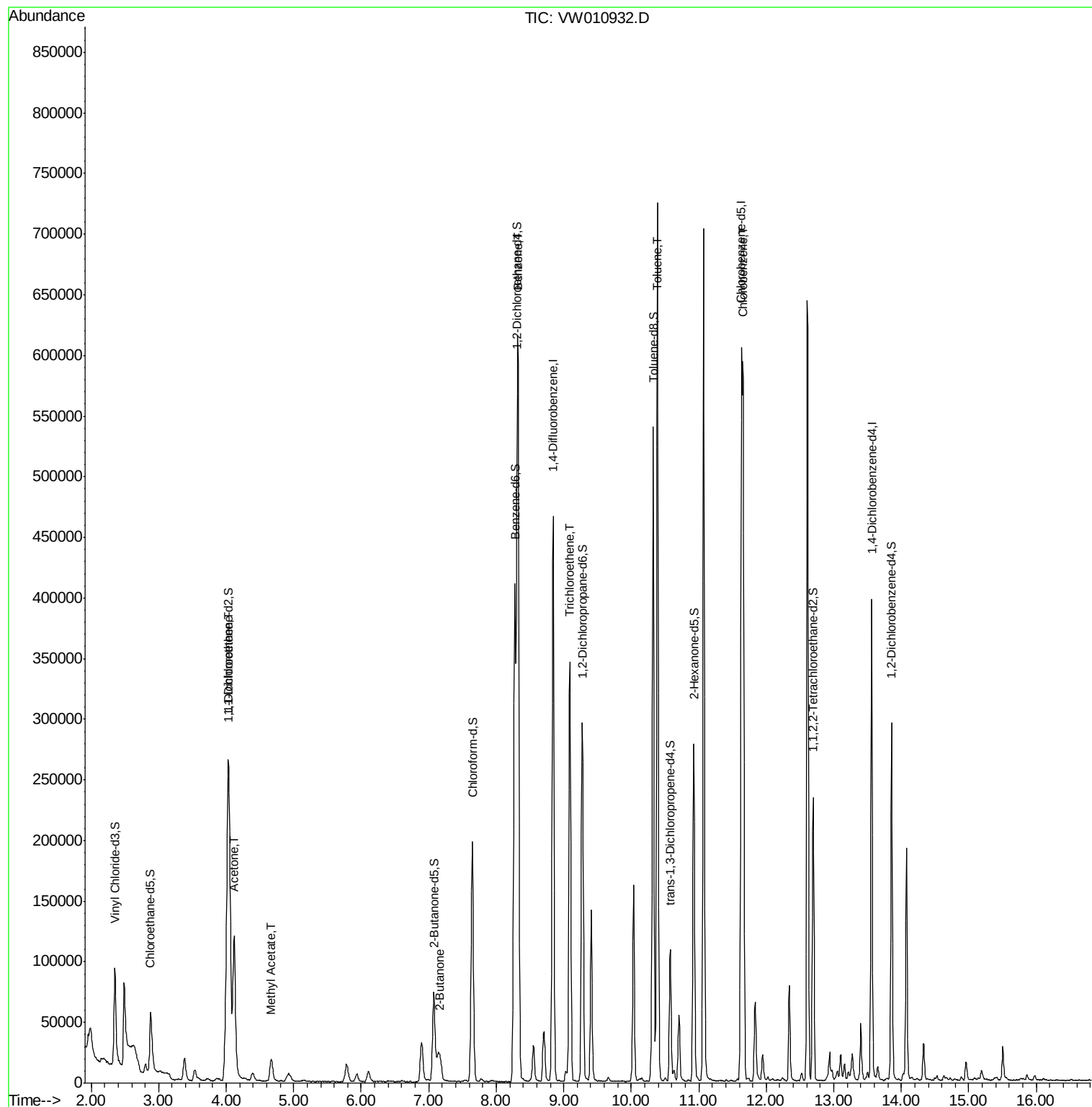
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	110551	22.113	ug/L	91
13) Acetone	4.12	43	202962	97.490	ug/L	98
15) Methyl Acetate	4.67	43	36231	10.054	ug/L	100
21) 2-Butanone	7.17	43	27062	9.884	ug/L	100
34) Benzene	8.32	78	497333	26.989	ug/L	100
35) Trichloroethene	9.09	95	118071	25.267	ug/L	100
44) Toluene	10.39	91	501516	26.028	ug/L	99
52) Chlorobenzene	11.66	112	264607	22.821	ug/L	99

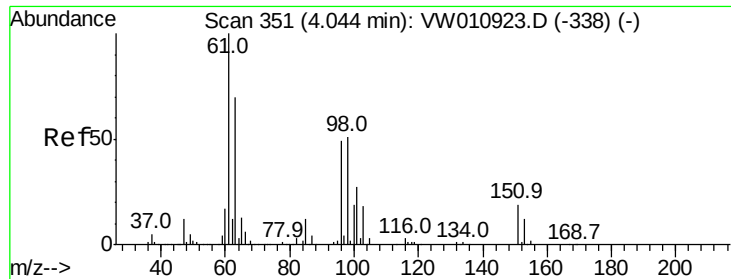
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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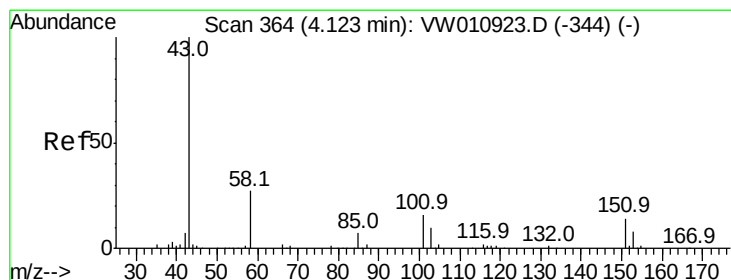
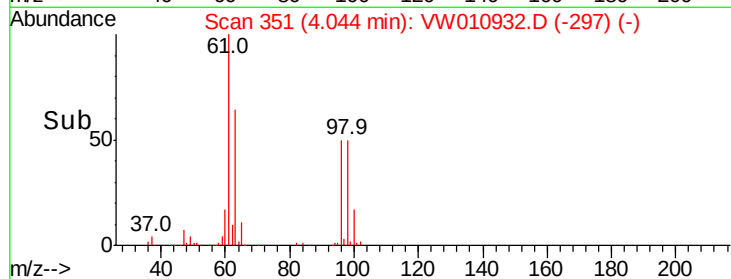
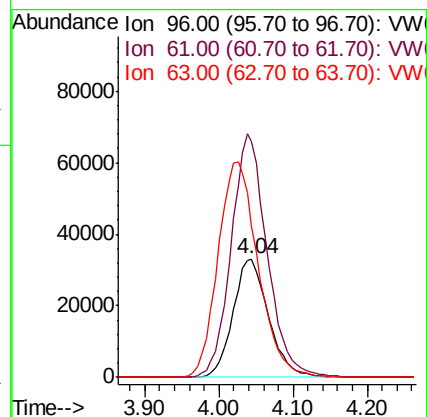
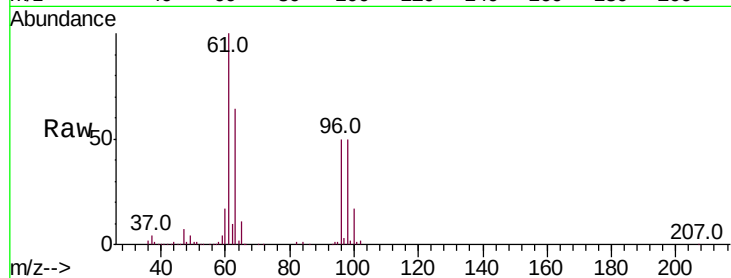




#12
 1,1-Dichloroethene
 Concen: 22.113 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW010932.D
 Acq: 24 Jun 2019 15:57

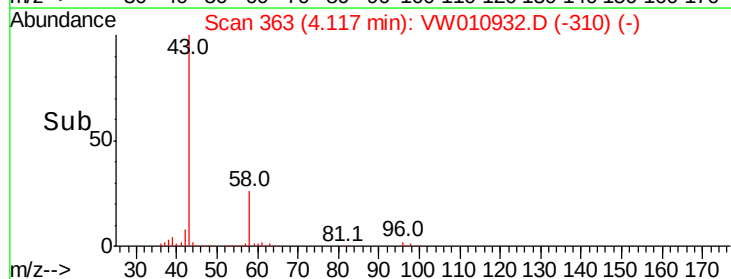
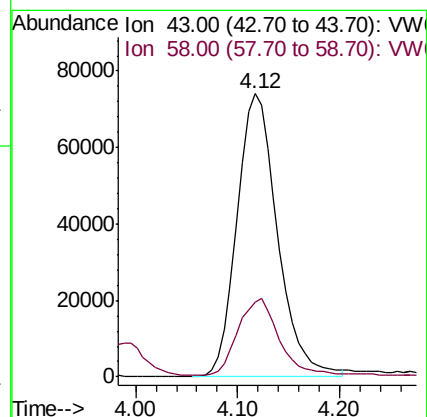
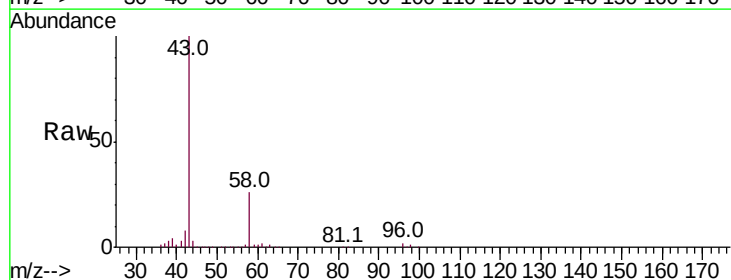
Instrument :
 MSVOA_W
 ClientSampleId :
 GAM07MSD

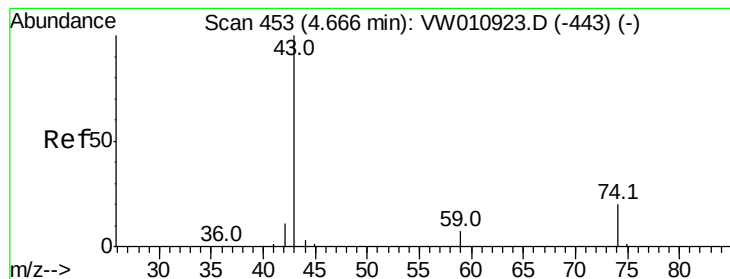
Tot Ion: 96 Resp: 110551
 Ion Ratio Lower Upper
 96 100
 61 199.0 144.5 268.3
 63 128.0 102.3 189.9



#13
 Acetone
 Concen: 97.490 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW010932.D
 Acq: 24 Jun 2019 15:57

Tgt Ion: 43 Resp: 202962
 Ion Ratio Lower Upper
 43 100
 58 27.4 0.0 53.2





#15

Methvl Acetate

Concen: 10.054 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010932.D

Acq: 24 Jun 2019 15:57

Instrument :

MSVOA_W

ClientSampled :

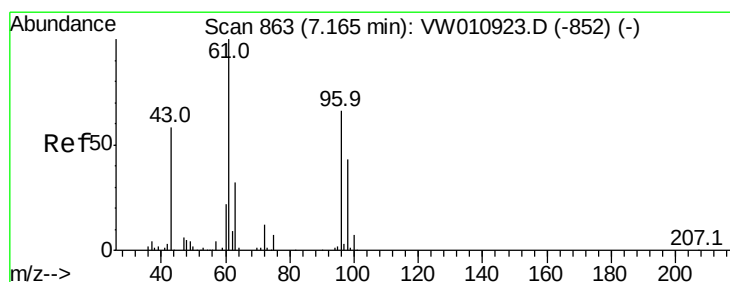
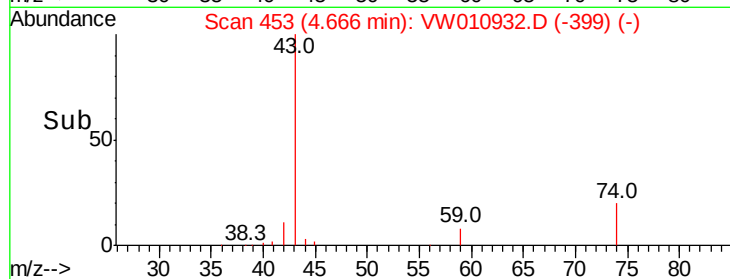
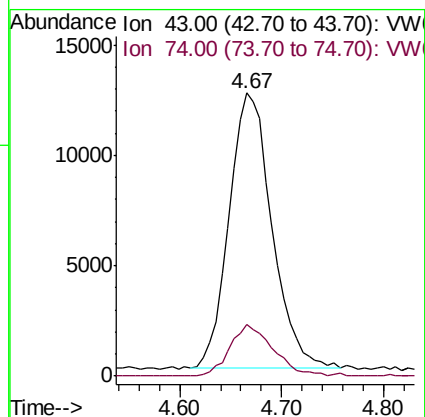
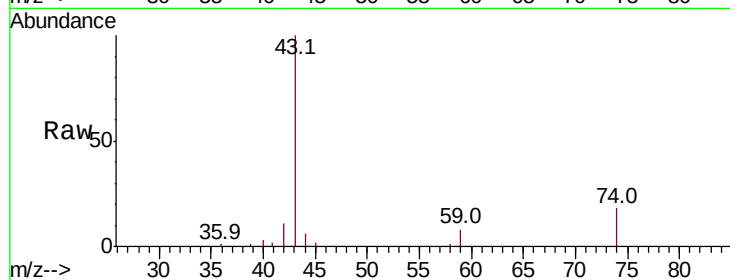
GAM07MSD

Tot Ion: 43 Resp: 36231

Ion Ratio Lower Upper

43 100

74 18.9 15.3 22.9



#21

2-Butanone

Concen: 9.884 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW010932.D

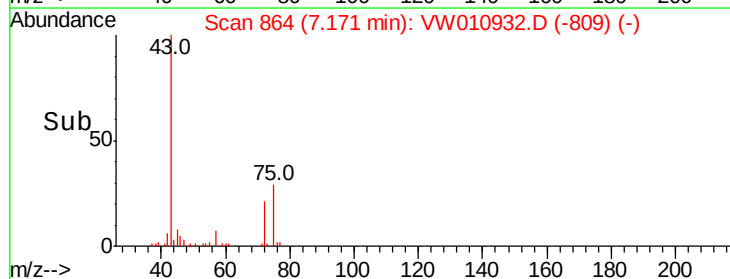
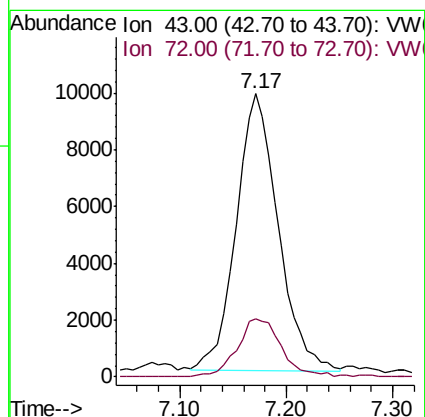
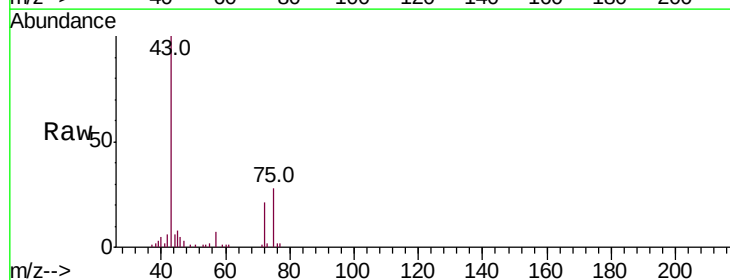
Acq: 24 Jun 2019 15:57

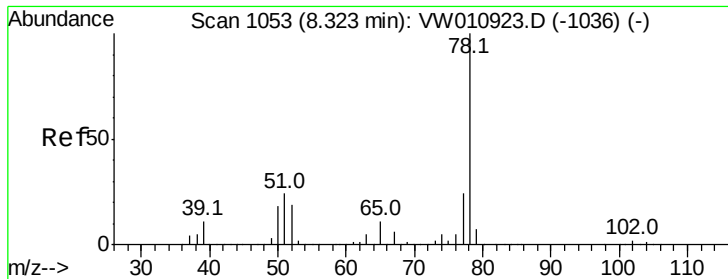
Tgt Ion: 43 Resp: 27062

Ion Ratio Lower Upper

43 100

72 21.7 10.9 32.6





#34

Benzene

Concen: 26.989 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW010932.D

Acq: 24 Jun 2019 15:57

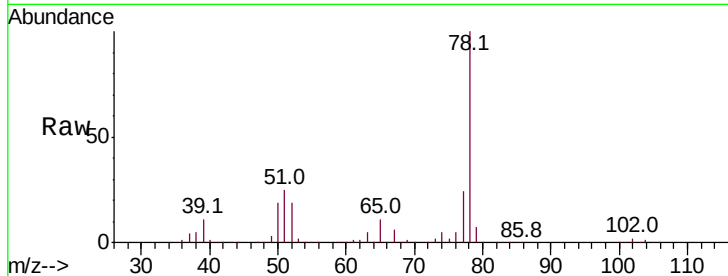
Instrument :

MSVOA_W

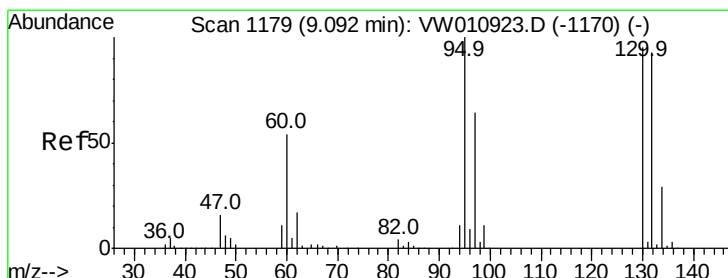
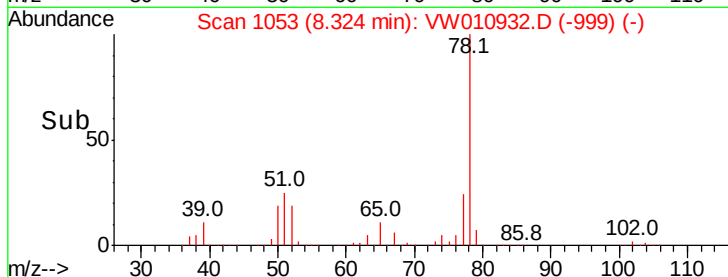
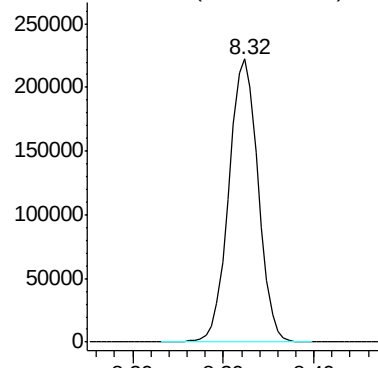
ClientSampleId :

GAM07MSD

Tgt Ion: 78 Resp: 497333



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 25.267 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010932.D

Acq: 24 Jun 2019 15:57

Tgt Ion: 95 Resp: 118071

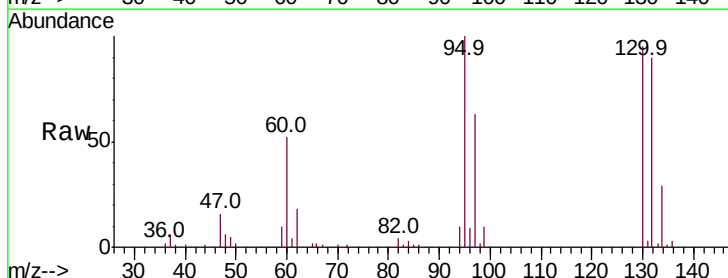
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.9	83.3
132	90.9	64.0	119.0
130	95.8	67.4	125.2

95 100

97 64.2 44.9 83.3

132 90.9 64.0 119.0

130 95.8 67.4 125.2

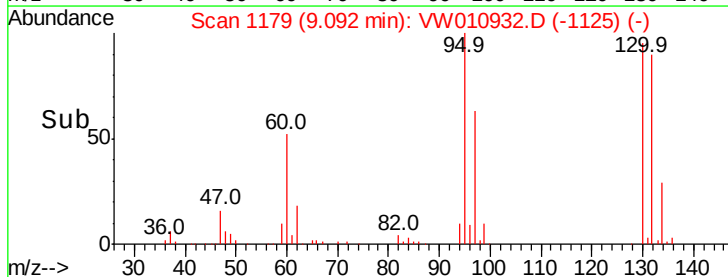
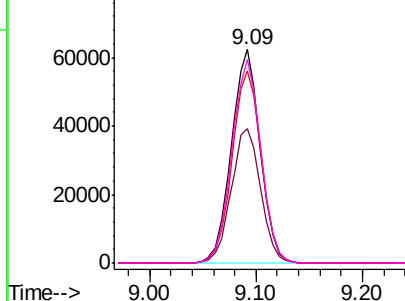


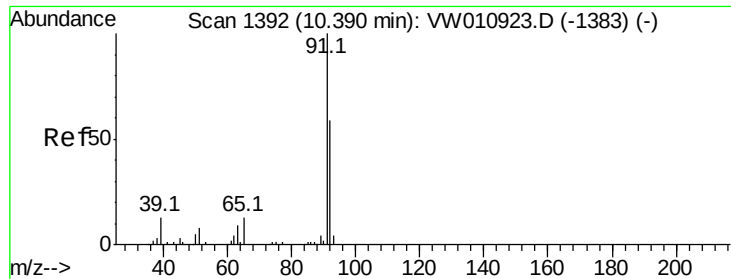
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.028 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010932.D

Acq: 24 Jun 2019 15:57

Instrument :

MSVOA_W

ClientSampleId :

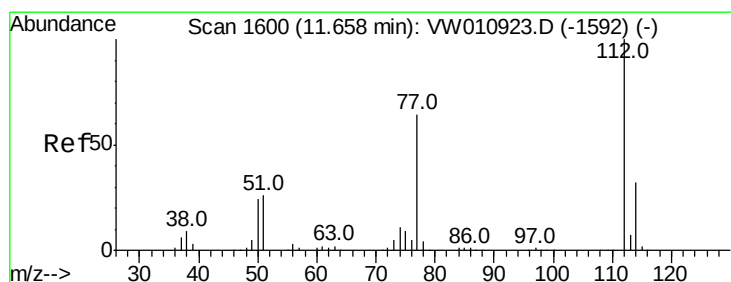
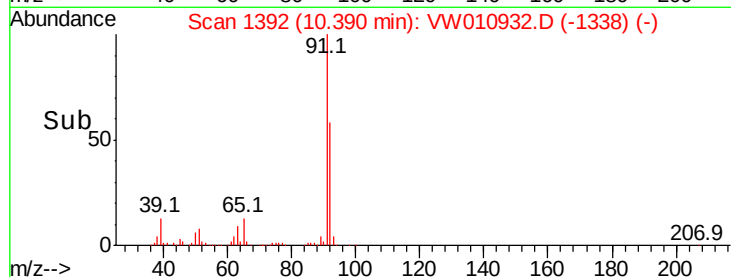
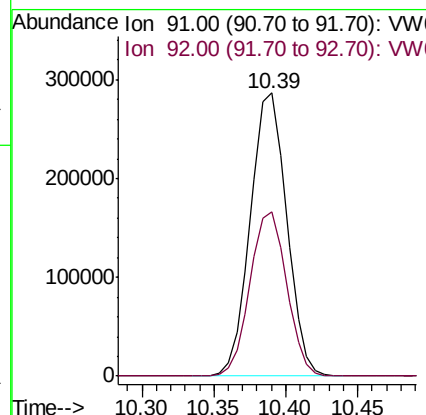
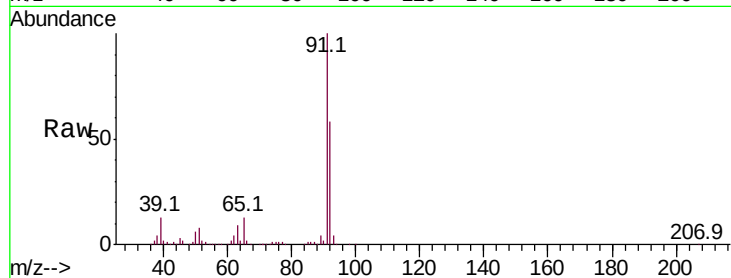
GAM07MSD

Tot Ion: 91 Resp: 501516

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.4



#52

Chlorobenzene

Concen: 22.821 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010932.D

Acq: 24 Jun 2019 15:57

Tgt Ion: 112 Resp: 264607

Ion Ratio Lower Upper

112 100

77 64.7 51.1 76.7

114 32.1 22.7 42.1

