

Data File : VW010931.D
Acq On : 24 Jun 2019 15:30
Operator : SY/VA
Sample : K3497-03MS
Misc : 4.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAM07MS

Quant Time: Jun 25 02:21:10 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	353648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96427	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112012	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
7) Chloroethane-d5	2.89	69	82627	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	4.02	63	253242	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.52%
20) 2-Butanone-d5	7.07	46	145275	67.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.98%
24) Chloroform-d	7.65	84	232307	24.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	8.31	65	161590	27.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.32%
29) Benzene-d6	8.27	84	473671	27.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.80%
33) 1,2-Dichloropropane-d6	9.27	67	164129	29.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.16%
37) Toluene-d8	10.32	98	401940	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.20%
38) trans-1,3-Dichloropropene-	10.58	79	70730	28.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.12%
39) 2-Hexanone-d5	10.93	63	104752	82.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.96%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144637	31.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.20%#
61) 1,2-Dichlorobenzene-d4	13.86	152	93112	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds

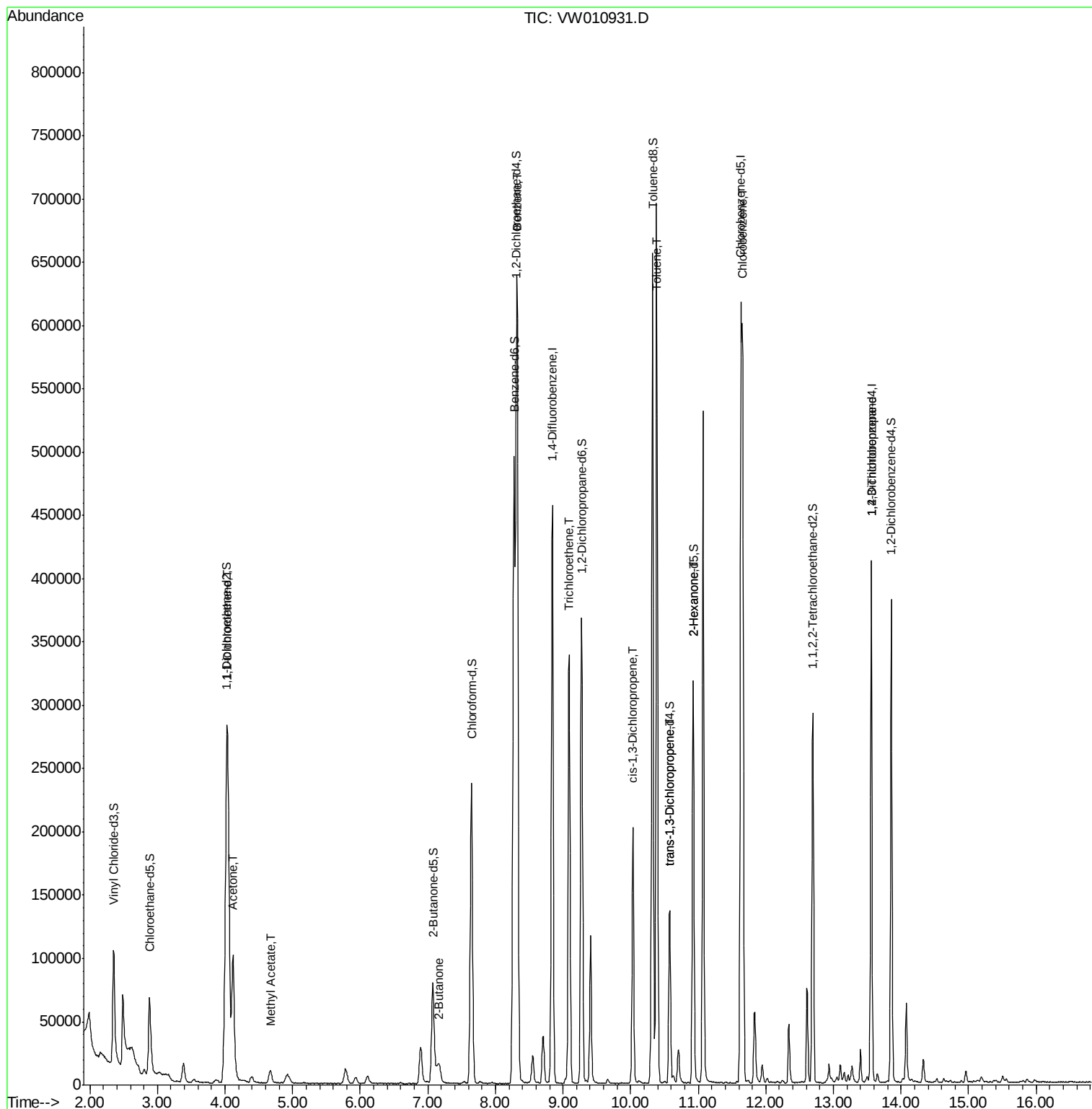
						Qvalue
12) 1,1-Dichloroethene	4.04	96	108399	21.898	ug/L	91
13) Acetone	4.12	43	167393	81.201	ug/L	96
15) Methyl Acetate	4.67	43	20268	5.680	ug/L	98
21) 2-Butanone	7.17	43	20896	7.708	ug/L	98
34) Benzene	8.32	78	491851	26.276	ug/L	100
35) Trichloroethene	9.09	95	116227	24.485	ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	4792	0.605	ug/L #	60
44) Toluene	10.39	91	488781	24.972	ug/L	99
45) trans-1,3-Dichloropropene	10.57	75	3399	0.519	ug/L	89
49) 2-Hexanone	10.93	43	14498	4.262	ug/L #	73
52) Chlorobenzene	11.66	112	266345	22.613	ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	13818	3.855	ug/L	91

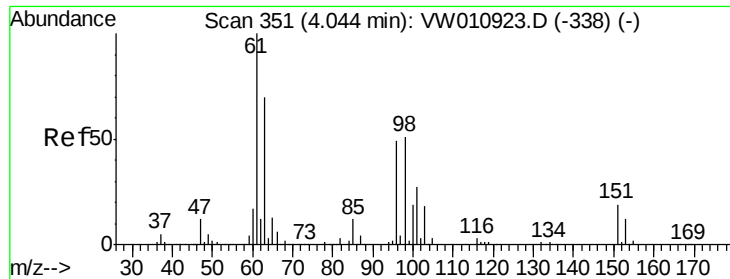
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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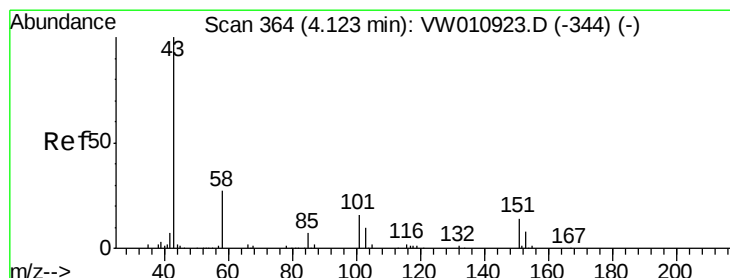
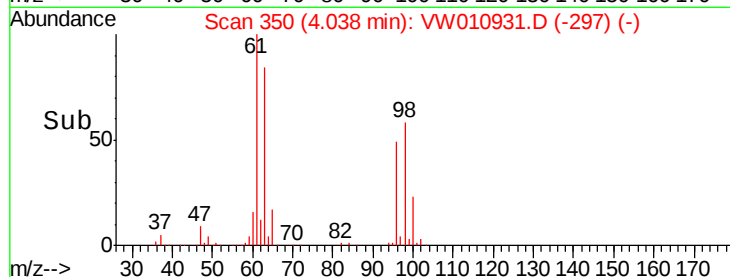
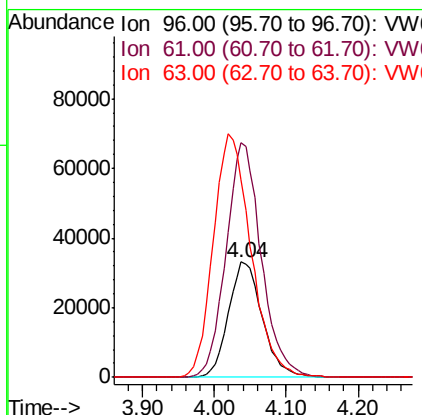
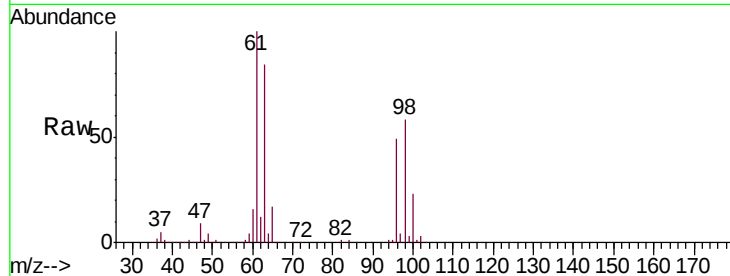




#12
 1,1-Dichloroethene
 Concen: 21.898 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW010931.D
 Acq: 24 Jun 2019 15:30

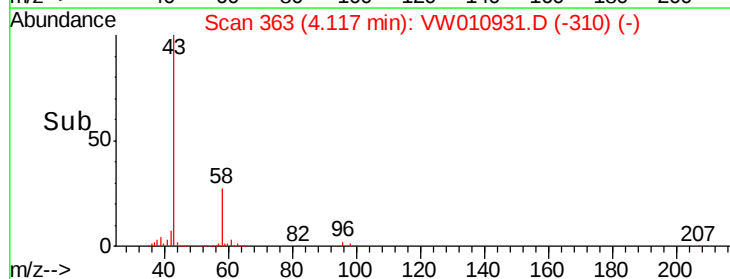
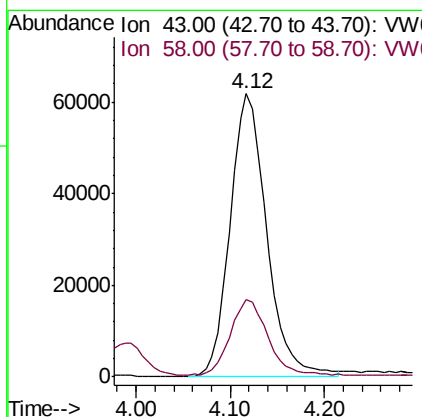
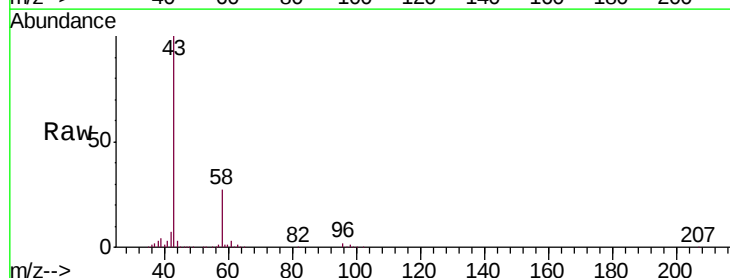
Instrument :
 MSVOA_W
 ClientSampleId :
 GAM07MS

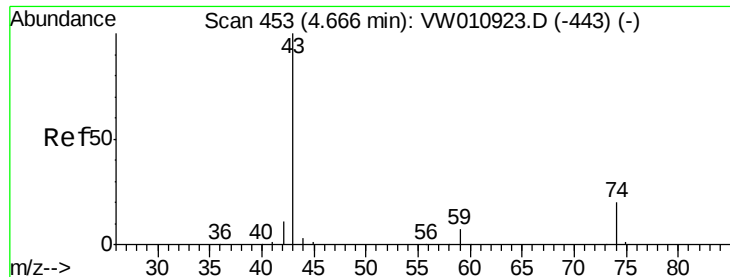
Tgt Ion	Resp	Lower	Upper
96	108399		
Ion Ratio			
96	100		
61	203.4	144.5	268.3
63	171.1	102.3	189.9



#13
 Acetone
 Concen: 81.201 ug/L
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW010931.D
 Acq: 24 Jun 2019 15:30

Tgt Ion	Resp	Lower	Upper
43	167393		
Ion Ratio			
43	100		
58	28.7	0.0	53.2

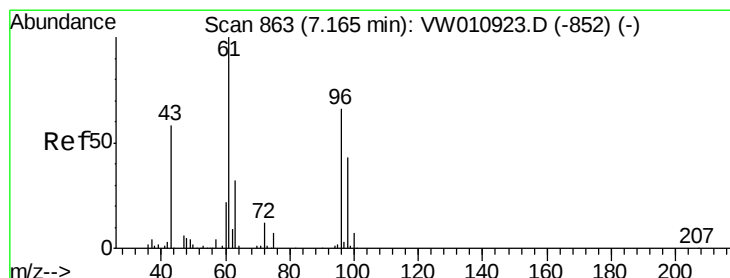
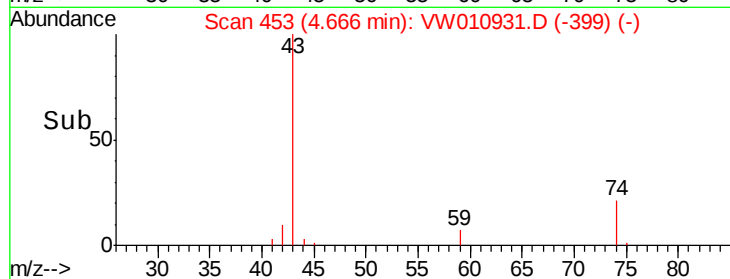
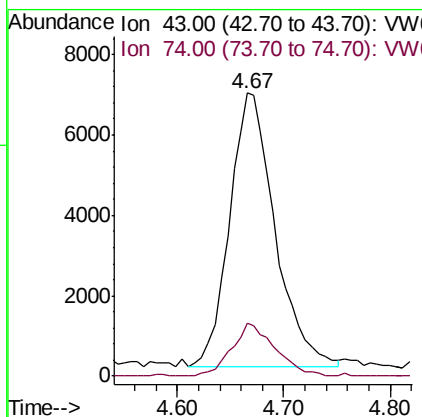
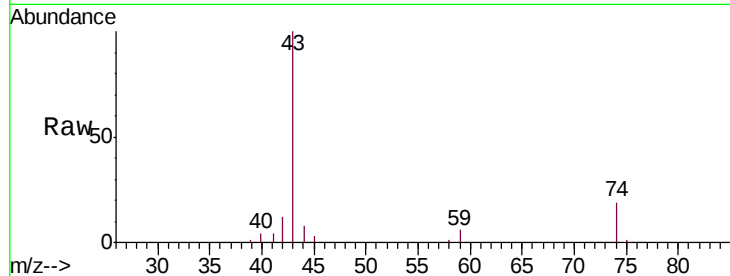




#15
Methyl Acetate
Concen: 5.680 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010931.D
Acq: 24 Jun 2019 15:30

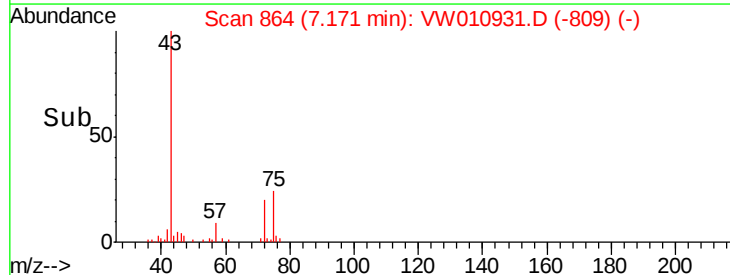
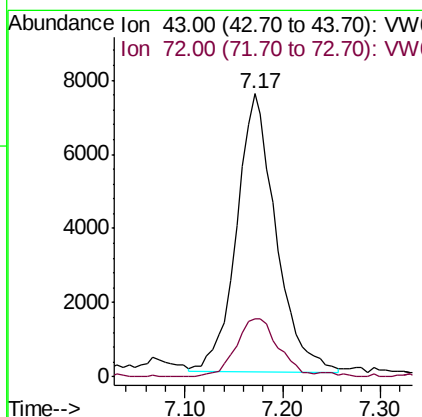
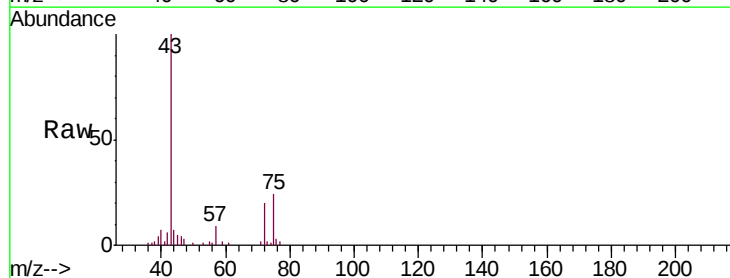
Instrument :
MSVOA_W
ClientSampleId :
GAM07MS

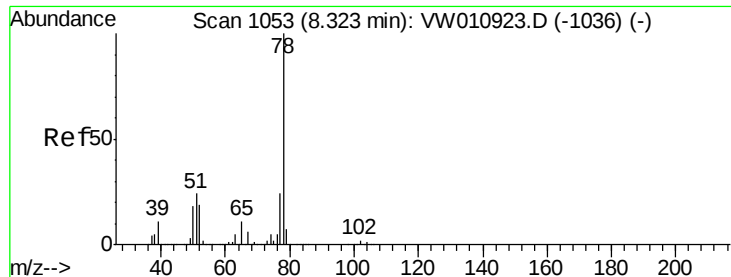
Tgt Ion: 43 Resp: 20268
Ion Ratio Lower Upper
43 100
74 18.1 15.3 22.9



#21
2-Butanone
Concen: 7.708 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW010931.D
Acq: 24 Jun 2019 15:30

Tgt Ion: 43 Resp: 20896
Ion Ratio Lower Upper
43 100
72 22.6 10.9 32.6





#34

Benzene

Concen: 26.276 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010931.D

Acq: 24 Jun 2019 15:30

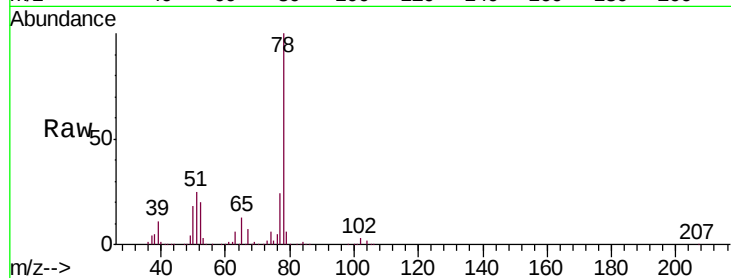
Instrument :

MSVOA_W

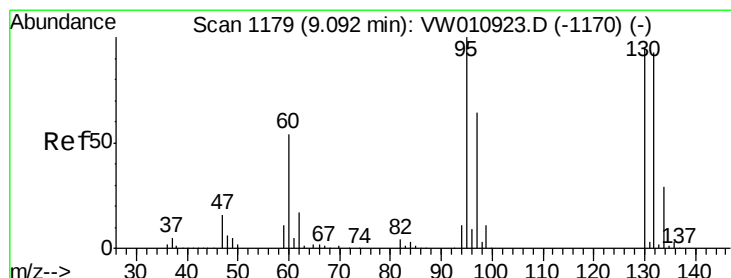
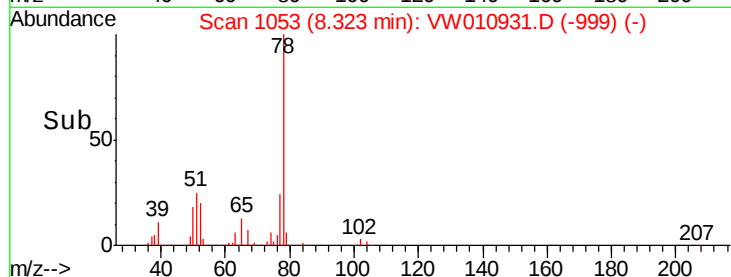
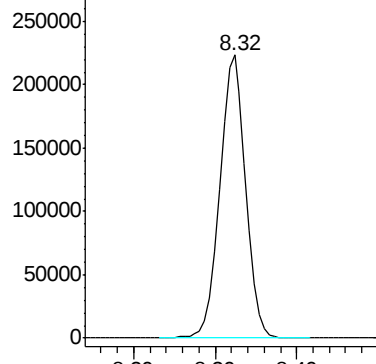
ClientSampleId :

GAM07MS

Tgt Ion: 78 Resp: 491851



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.485 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010931.D

Acq: 24 Jun 2019 15:30

Tgt Ion: 95 Resp: 116227

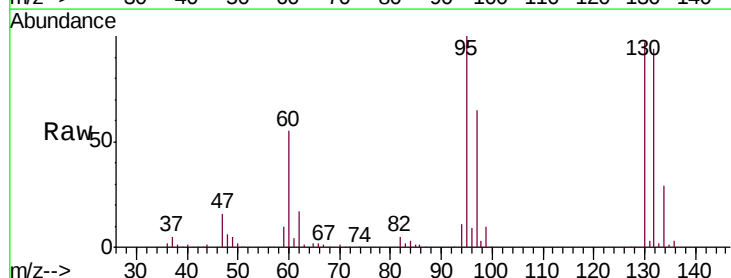
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.9	83.3
132	93.1	64.0	119.0
130	96.8	67.4	125.2

95 100

97 64.1 44.9 83.3

132 93.1 64.0 119.0

130 96.8 67.4 125.2

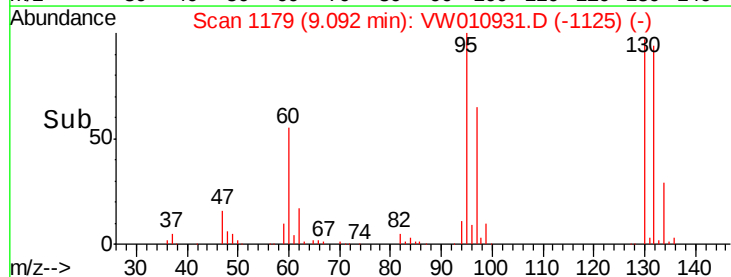
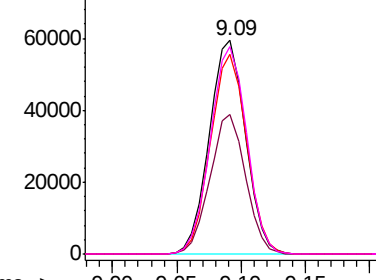


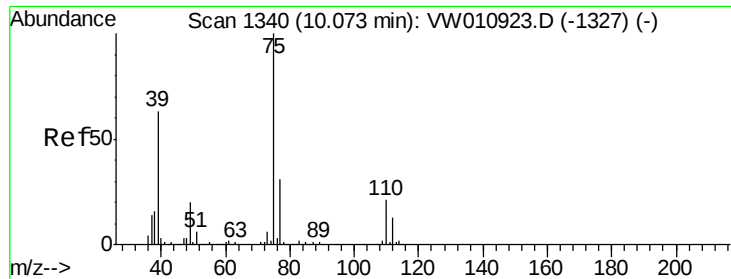
Abundance Ion 95.00 (94.70 to 95.70): VW

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

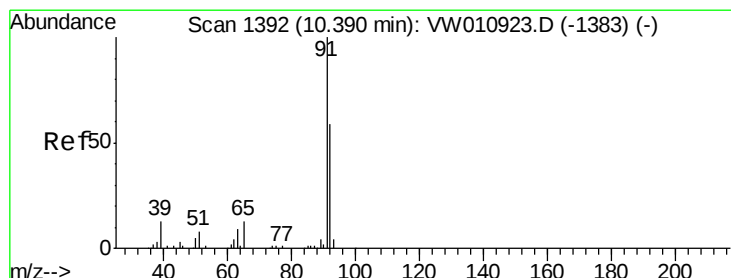
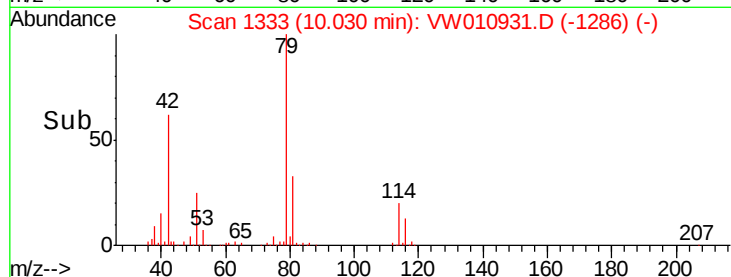
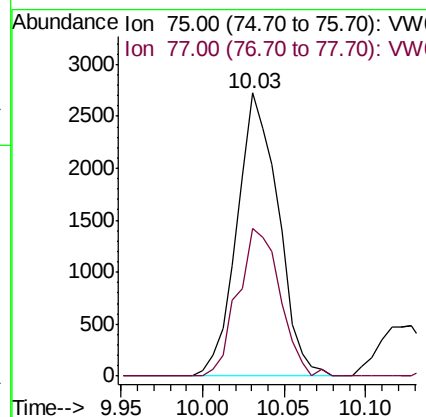
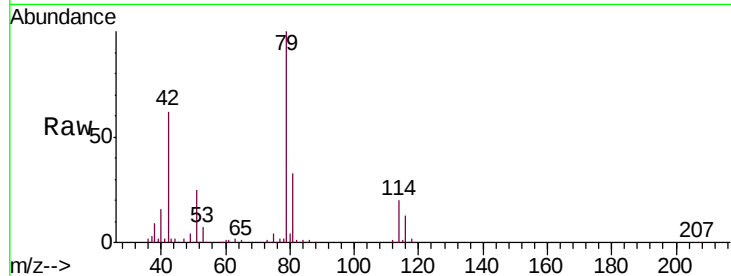




#42
 cis-1,3-Dichloropropene
 Concen: 0.605 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW010931.D
 Acq: 24 Jun 2019 15:30

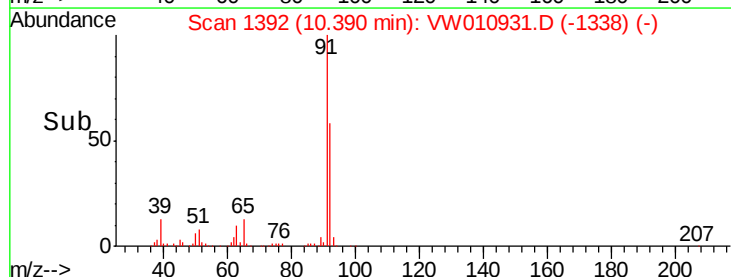
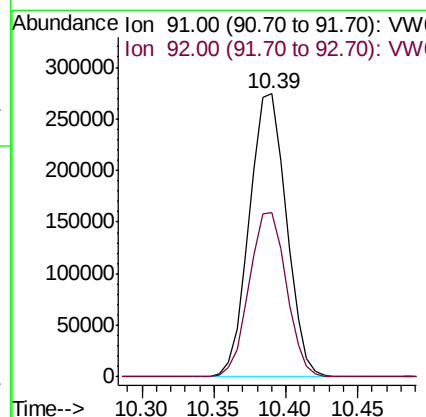
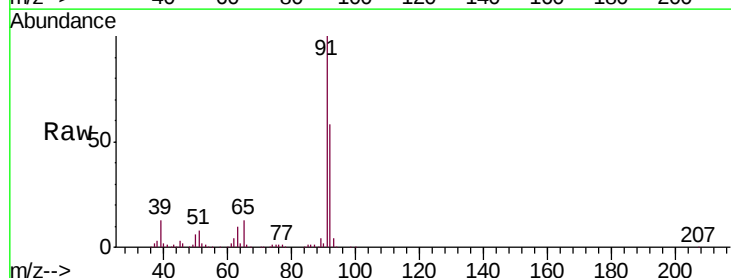
Instrument :
 MSVOA_W
 ClientSampleId :
 GAM07MS

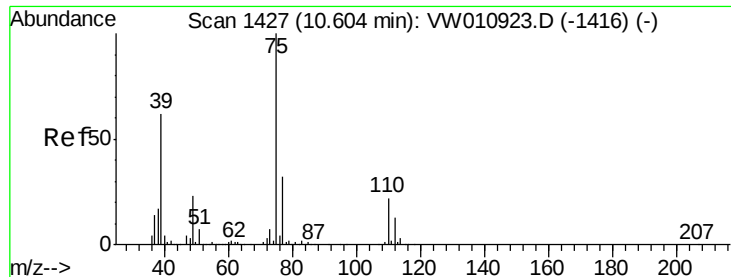
Tgt Ion: 75 Resp: 4792
 Ion Ratio Lower Upper
 75 100
 77 52.3 21.3 39.6#



#44
 Toluene
 Concen: 24.972 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010931.D
 Acq: 24 Jun 2019 15:30

Tgt Ion: 91 Resp: 488781
 Ion Ratio Lower Upper
 91 100
 92 58.2 41.2 76.4





#45

trans-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW010931.D

Acq: 24 Jun 2019 15:30

Instrument :

MSVOA_W

ClientSampleId :

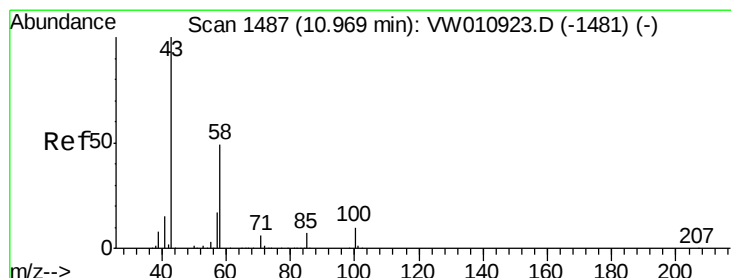
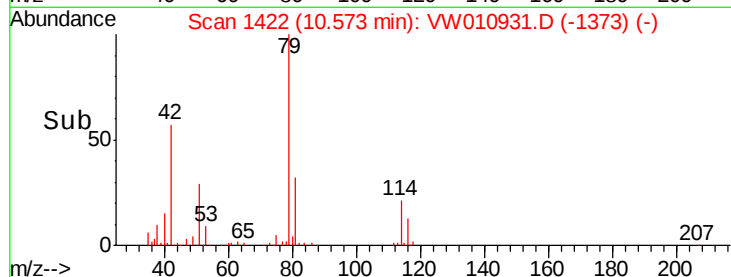
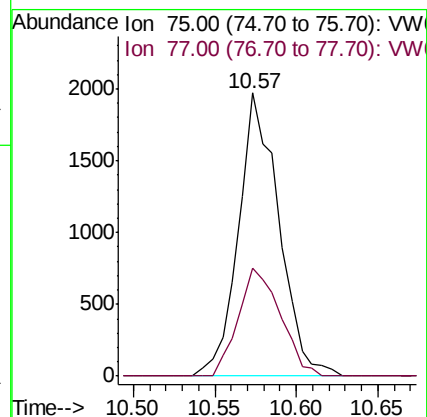
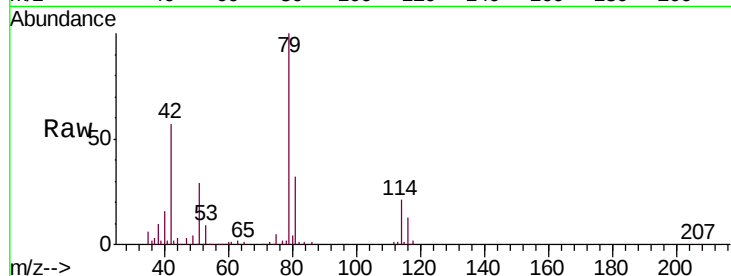
GAM07MS

Tgt Ion: 75 Resp: 3399

Ion Ratio Lower Upper

75 100

77 38.4 22.6 42.0



#49

2-Hexanone

Concen: 4.262 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010931.D

Acq: 24 Jun 2019 15:30

Tgt Ion: 43 Resp: 14498

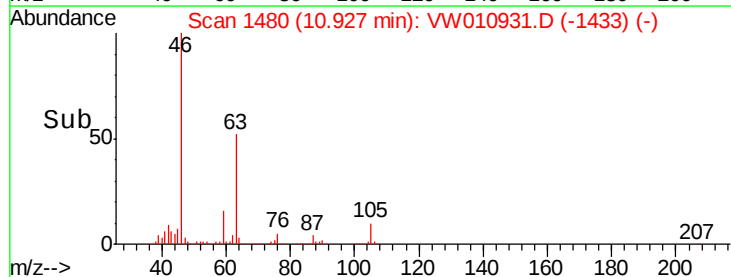
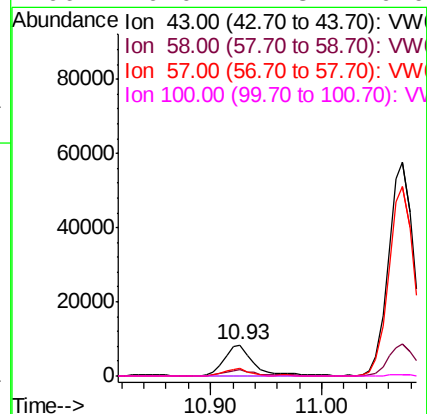
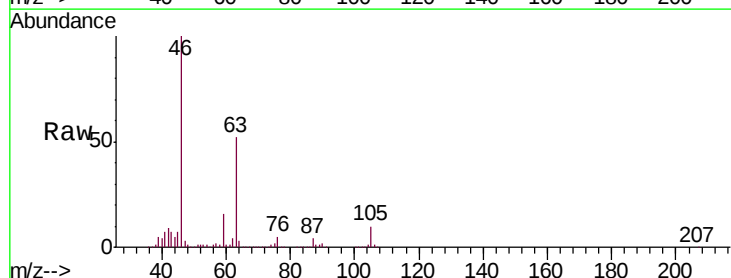
Ion Ratio Lower Upper

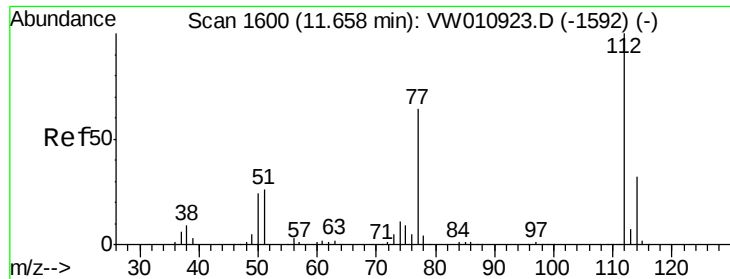
43 100

58 24.5 38.3 57.5#

57 21.1 13.8 20.8#

100 0.0 7.3 10.9#

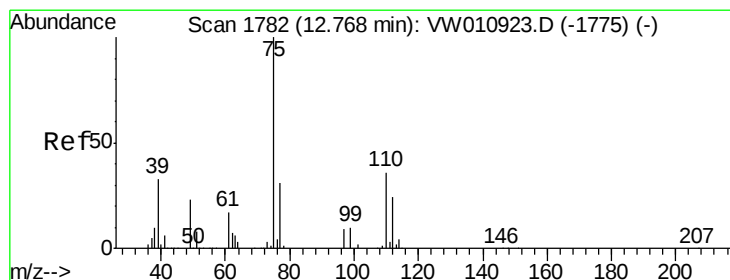
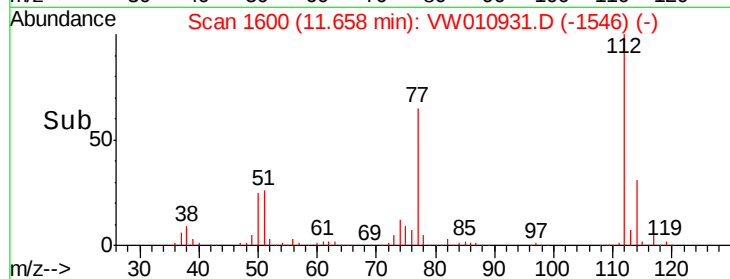
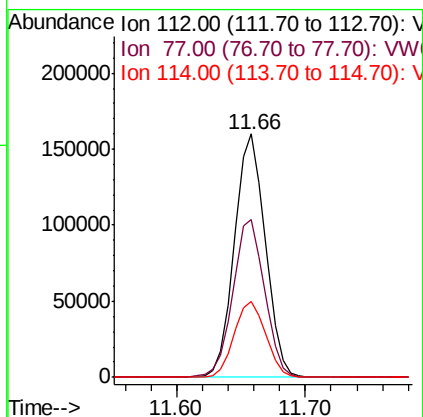
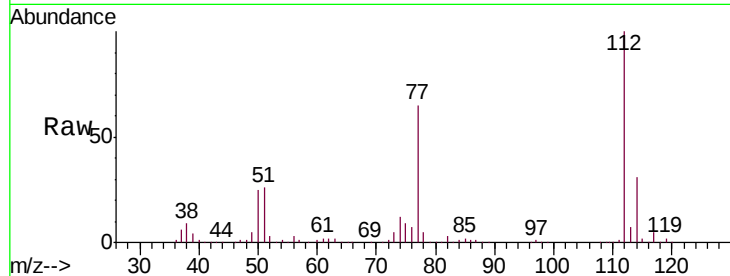




#52
Chlorobenzene
Concen: 22.613 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010931.D
Acq: 24 Jun 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
GAM07MS

Tgt Ion: 112 Resp: 266345
Ion Ratio Lower Upper
112 100
77 64.7 51.1 76.7
114 31.4 22.7 42.1



#59
1,2,3-Trichloropropane
Concen: 3.855 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW010931.D
Acq: 24 Jun 2019 15:30

Tgt Ion: 75 Resp: 13818
Ion Ratio Lower Upper
75 100
77 36.7 25.2 37.8

