

Data File : VU033114.D
Acq On : 01 Jul 2019 14:44
Operator : JC/SP
Sample : K3599-19MS
Misc : 7.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM27MS

Quant Time: Jul 02 04:21:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	219613	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	59864	39.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.78%
7) Chloroethane-d5	1.64	69	39606	33.09	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.18%#
11) 1,1-Dichloroethene-d2	2.22	63	142440	47.11	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.22%
21) 2-Butanone-d5	4.19	46	140129	112.17	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.17%
24) Chloroform-d	4.63	84	142588	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
26) 1,2-Dichloroethane-d4	5.30	65	101305	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
32) Benzene-d6	5.32	84	272888	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
36) 1,2-Dichloropropane-d6	6.32	67	91332	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.42%
41) Toluene-d8	7.56	98	248224	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%
43) trans-1,3-Dichloropropene-	7.85	79	43712	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.32	63	85351	99.49	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140569	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	102779	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds

					Qvalue
3) Chloromethane	1.32	50	1676	0.834 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	913	0.622 ug/L #	17
12) 1,1-Dichloroethene	2.23	96	62498	45.191 ug/L	91
13) Acetone	2.34	43	1174	0.680 ug/L	70
22) 2-Butanone	4.29	43	12652	7.075 ug/L	98
27) 1,2-Dichloroethane	5.37	62	3225	1.331 ug/L #	77
33) Benzene	5.37	78	309829	48.611 ug/L	100
34) Trichloroethene	6.17	95	81738	47.998 ug/L	97
37) 1,2-Dichloropropane	6.32	63	11138	6.371 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2899	1.064 ug/L #	61
42) Toluene	7.63	91	337020	48.872 ug/L	100
44) trans-1,3-Dichloropropene	7.84	75	2310	0.903 ug/L	87
46) Tetrachloroethene	8.22	164	1957	1.402 ug/L	89
48) 2-Hexanone	8.32	43	11519	4.677 ug/L #	71
49) Dibromochloromethane	8.22	129	1868	0.952 ug/L #	12
51) Chlorobenzene	9.12	112	224336	49.436 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	14208	6.090 ug/L #	83

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070119\
Quantitation Report (Not Reviewed)

Data File : VU033114.D
Acq On : 01 Jul 2019 14:44
Operator : JC/SP
Sample : K3599-19MS
Misc : 7.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM27MS

Quant Time: Jul 02 04:21:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

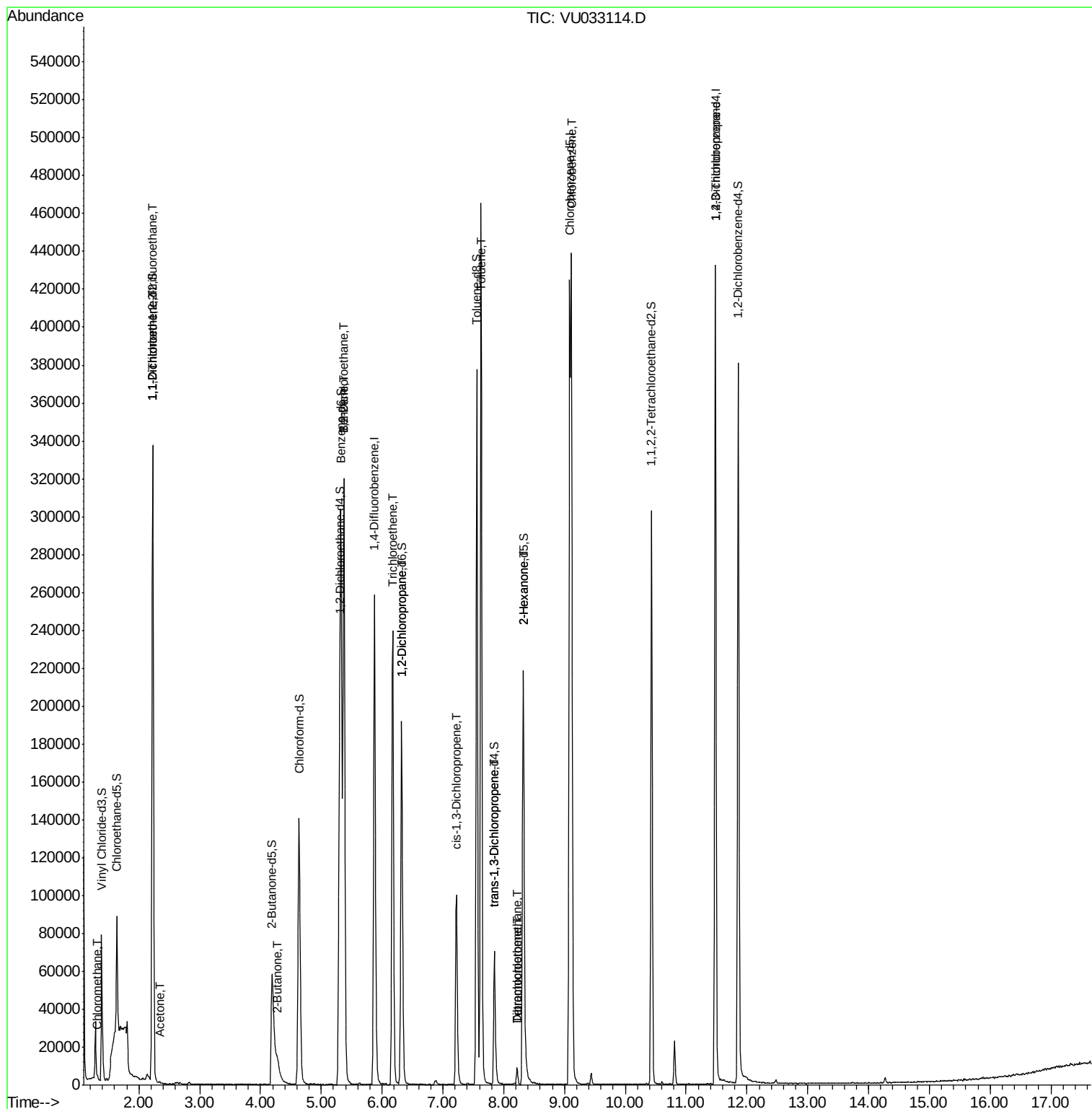
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

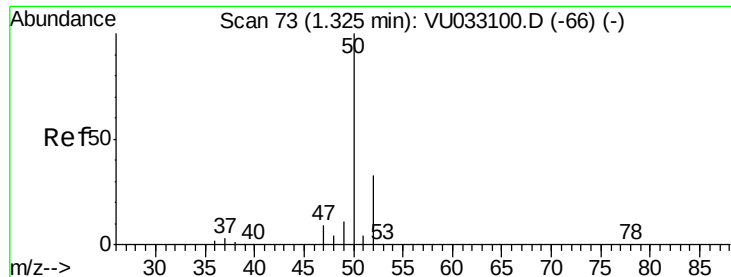
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033114.D
Acq On : 01 Jul 2019 14:44
Operator : JC/SP
Sample : K3599-19MS
Misc : 7.93g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM27MS

Quant Time: Jul 02 04:21:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.834 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

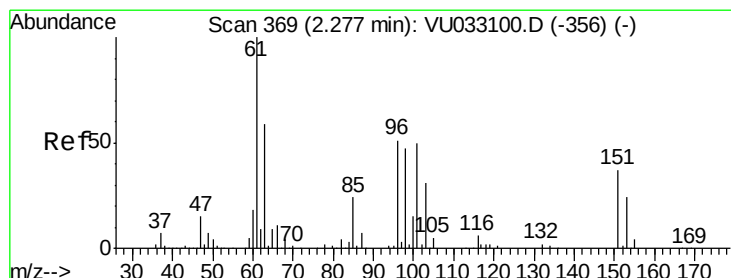
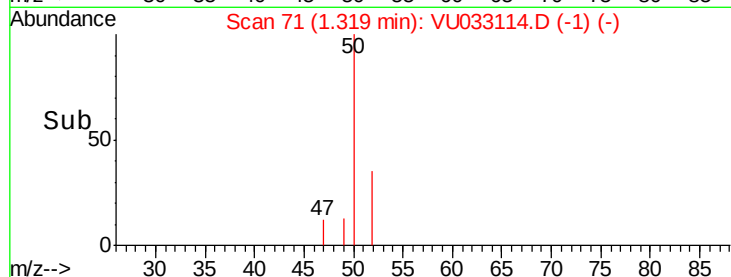
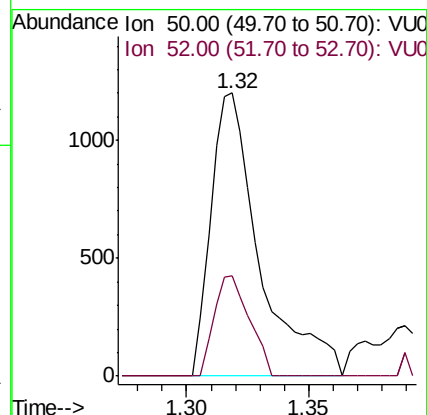
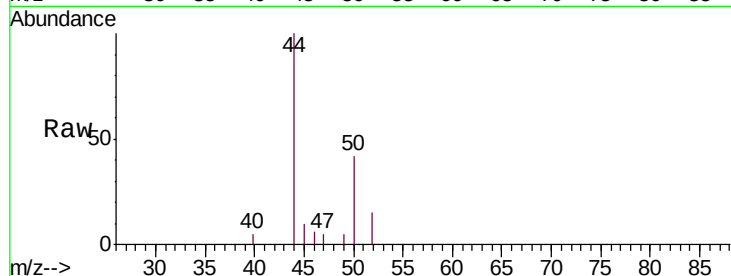
GAM27MS

Tgt Ion: 50 Resp: 1676

Ion Ratio Lower Upper

50 100

52 35.4 23.0 42.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.622 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.05 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

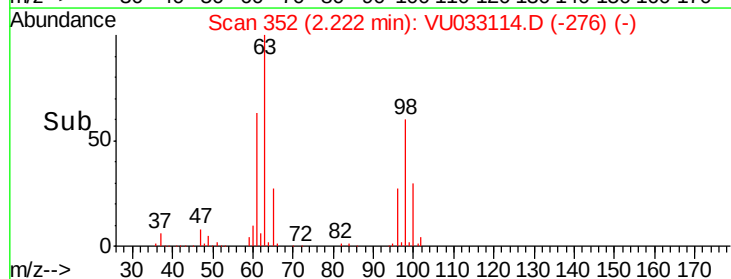
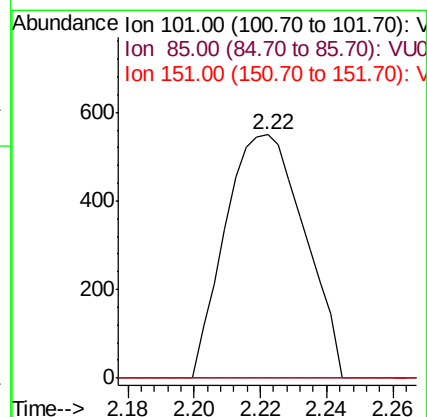
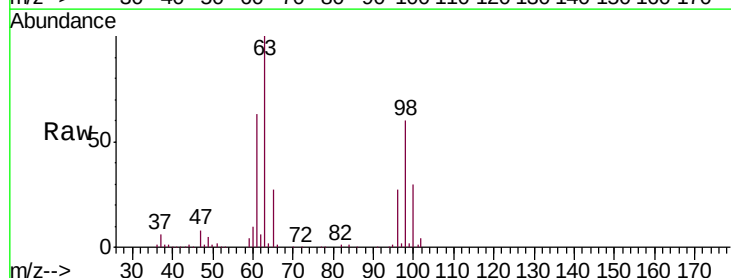
Tgt Ion: 101 Resp: 913

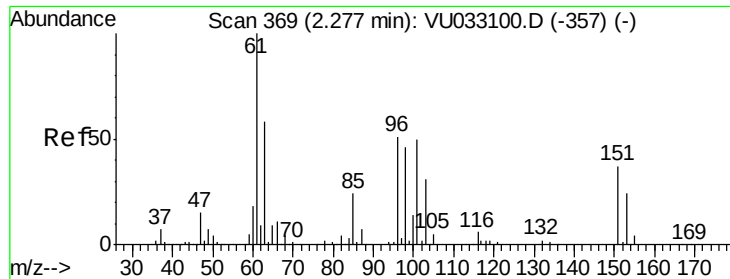
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 63.6 95.4#





#12

1,1-Dichloroethene

Concen: 45.191 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

GAM27MS

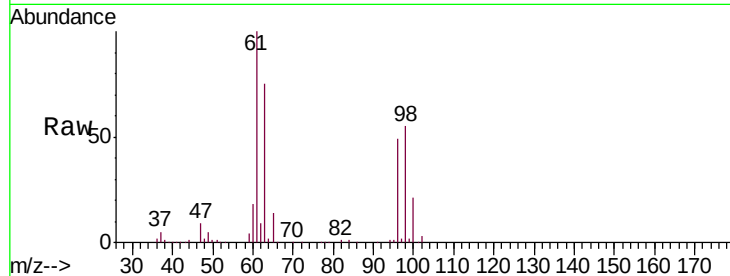
Tgt Ion: 96 Resp: 62498

Ion Ratio Lower Upper

96 100

61 203.1 131.0 243.4

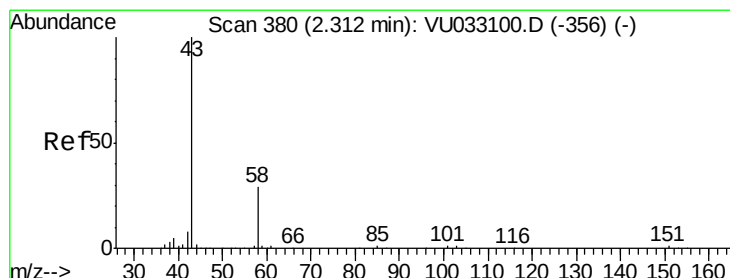
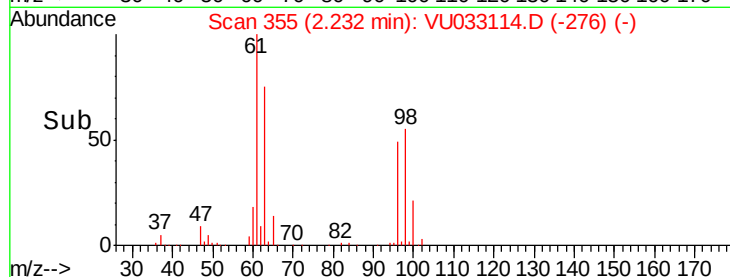
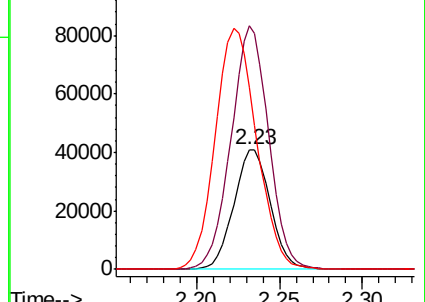
63 151.7 101.0 187.6



Abundance Ion 96.00 (95.70 to 96.70): VU033114.D (-357) (-)

Ion 61.00 (60.70 to 61.70): VU033114.D (-357) (-)

Ion 63.00 (62.70 to 63.70): VU033114.D (-357) (-)



#13

Acetone

Concen: 0.680 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU033114.D

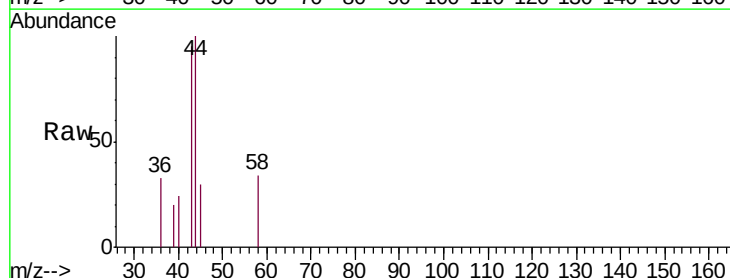
Acq: 01 Jul 2019 14:44

Tgt Ion: 43 Resp: 1174

Ion Ratio Lower Upper

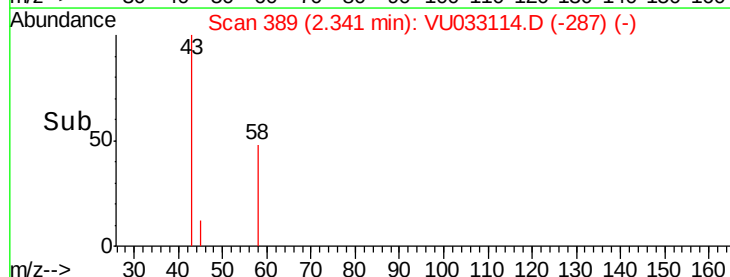
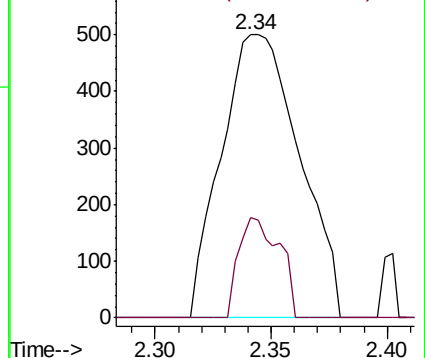
43 100

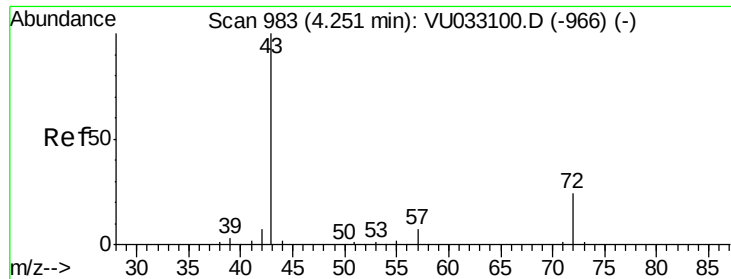
58 14.1 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU033114.D (-287) (-)

Ion 58.00 (57.70 to 58.70): VU033114.D (-287) (-)





#22

2-Butanone

Concen: 7.075 ug/L

RT: 4.29 min Scan# 995

Delta R.T. 0.04 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

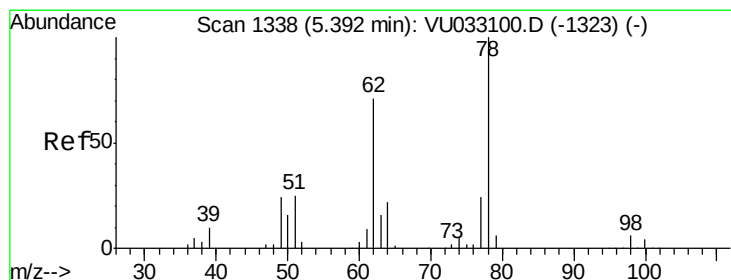
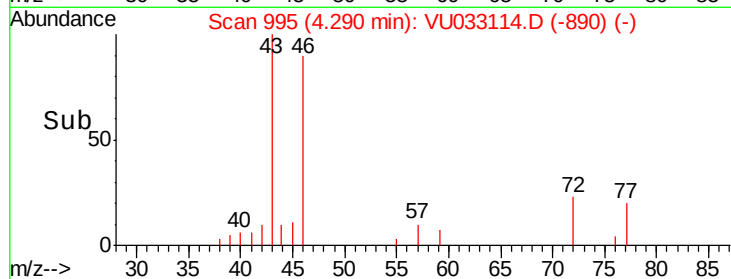
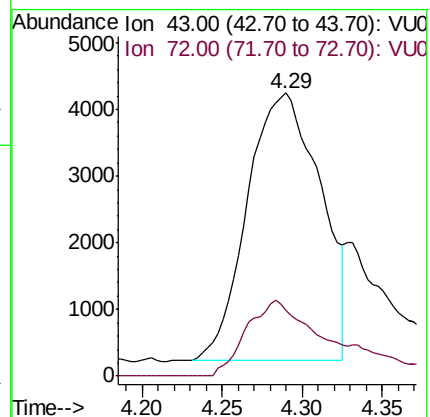
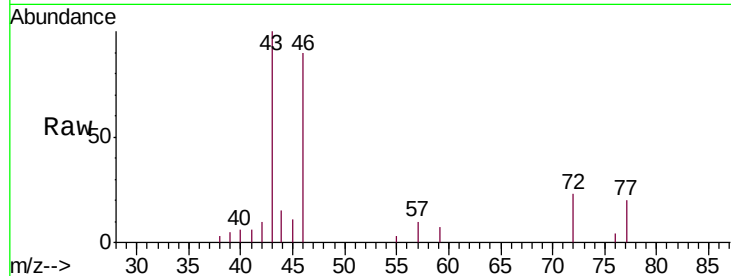
GAM27MS

Tgt Ion: 43 Resp: 12652

Ion Ratio Lower Upper

43 100

72 26.7 12.9 38.6



#27

1,2-Dichloroethane

Concen: 1.331 ug/L

RT: 5.37 min Scan# 1332

Delta R.T. -0.02 min

Lab File: VU033114.D

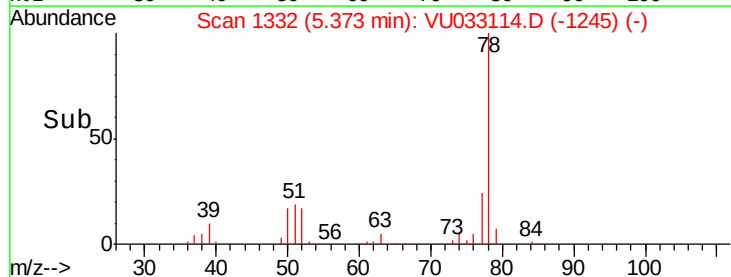
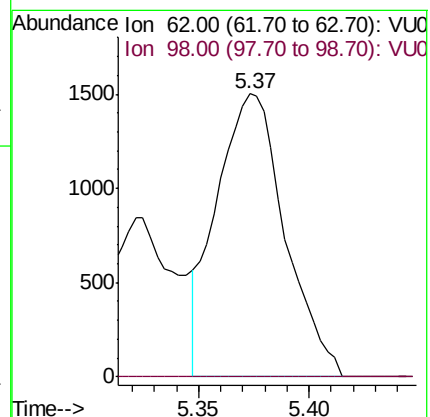
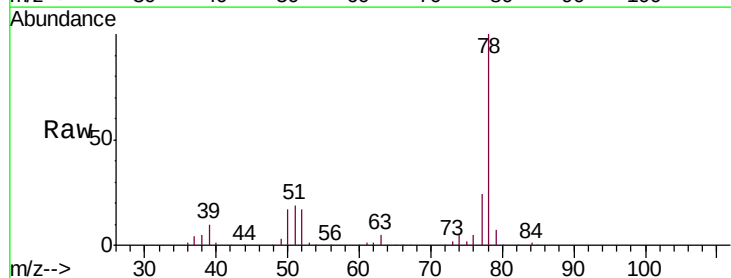
Acq: 01 Jul 2019 14:44

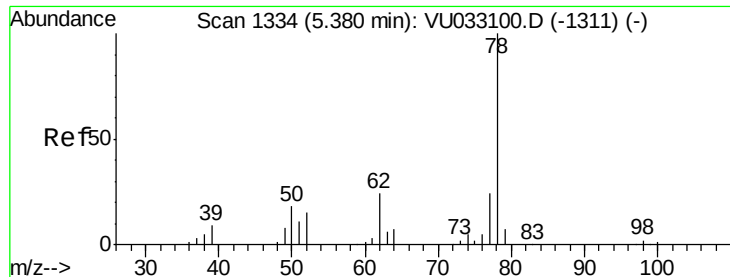
Tgt Ion: 62 Resp: 3225

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#





#33

Benzene

Concen: 48.611 ug/L

RT: 5.37 min Scan# 1332

Delta R.T. -0.01 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

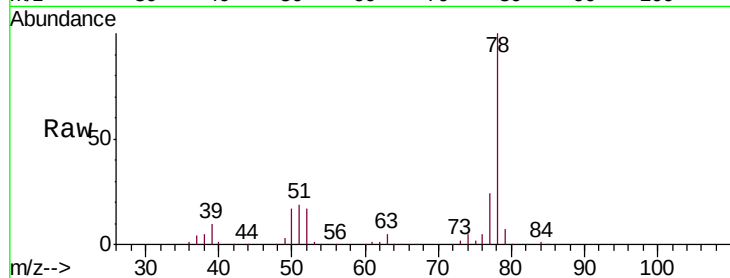
Instrument :

MSVOA_U

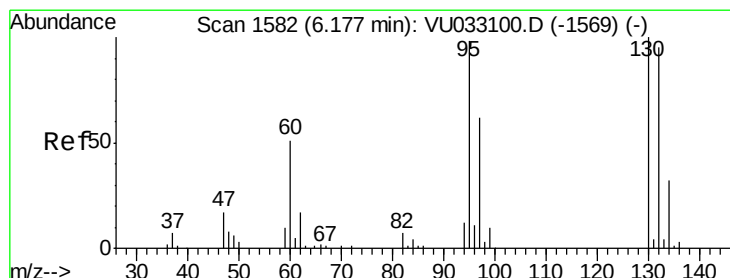
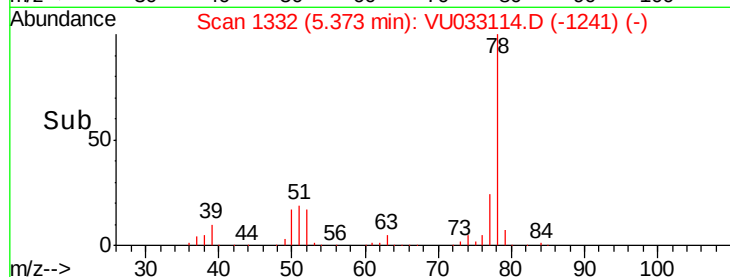
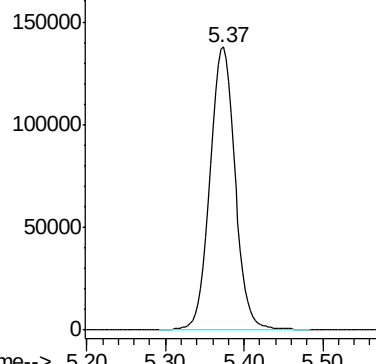
ClientSampleId :

GAM27MS

Tgt Ion: 78 Resp: 309829



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 47.998 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Tgt Ion: 95 Resp: 81738

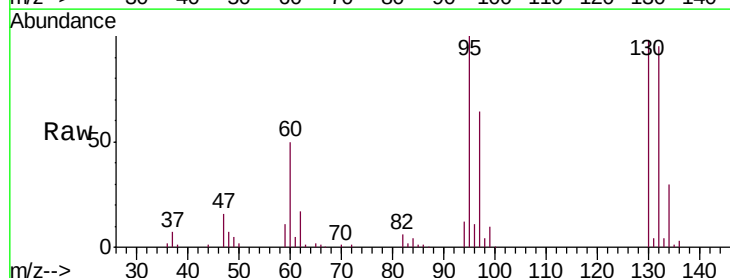
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.9	85.3
132	95.3	68.5	127.3
130	97.8	70.8	131.4

95 100

97 64.0 45.9 85.3

132 95.3 68.5 127.3

130 97.8 70.8 131.4

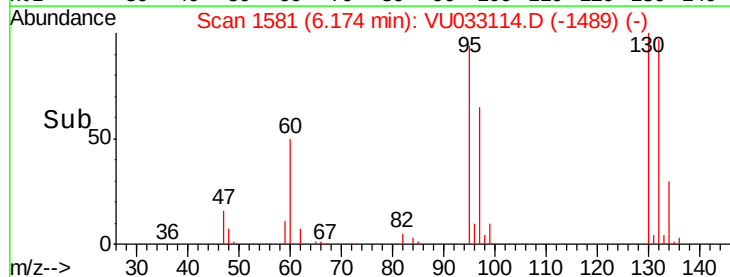
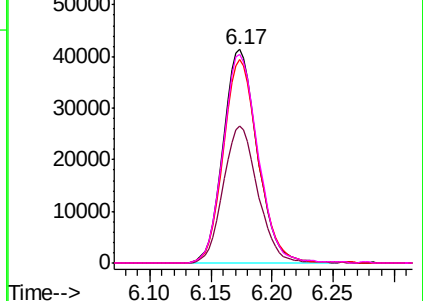


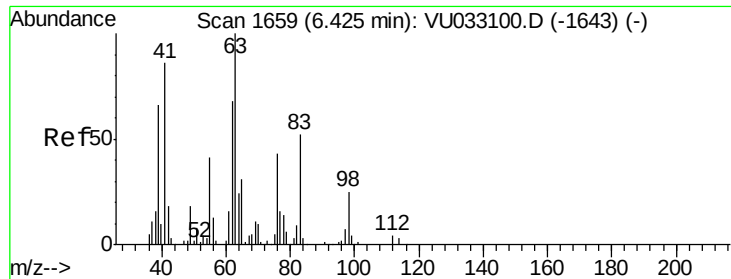
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

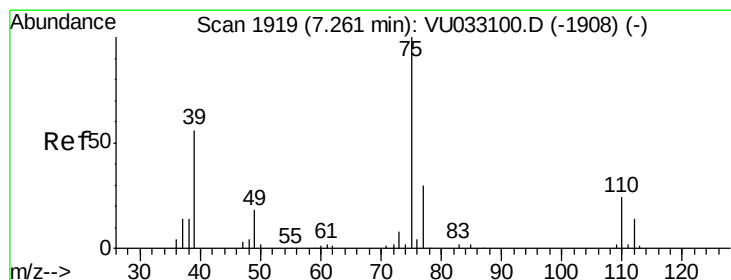
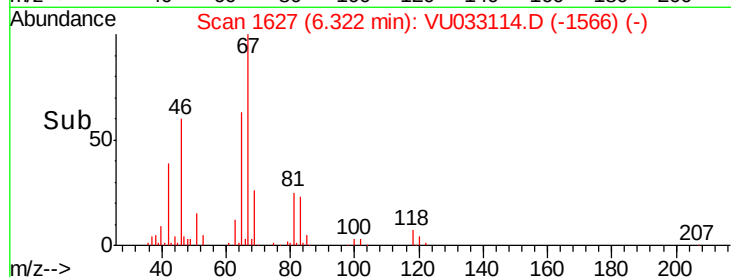
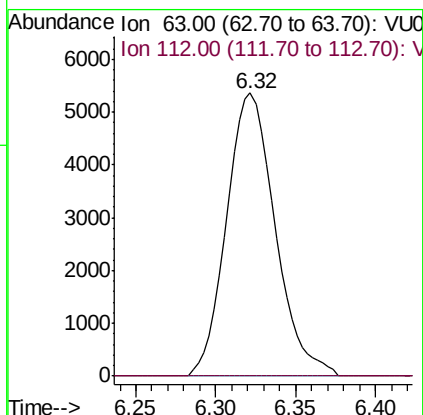
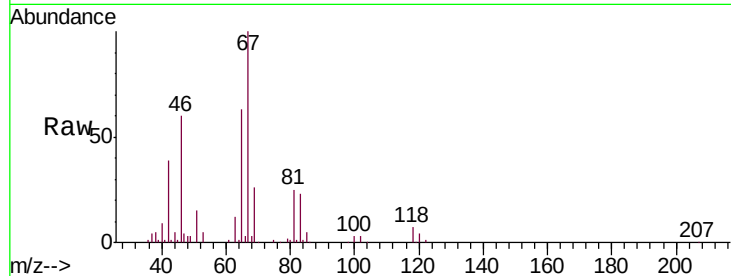




#37
 1,2-Dichloropropane
 Concen: 6.371 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU033114.D
 Acq: 01 Jul 2019 14:44

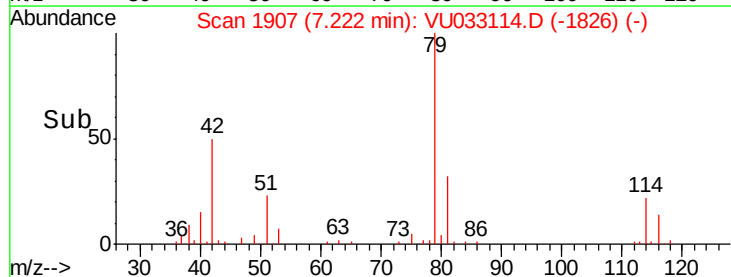
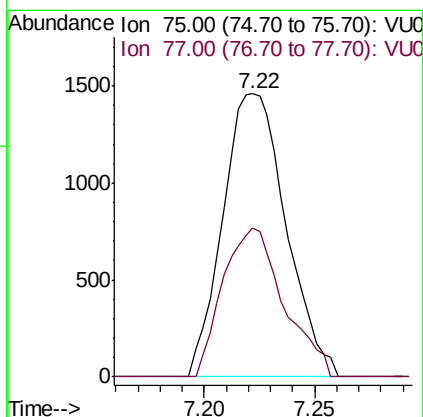
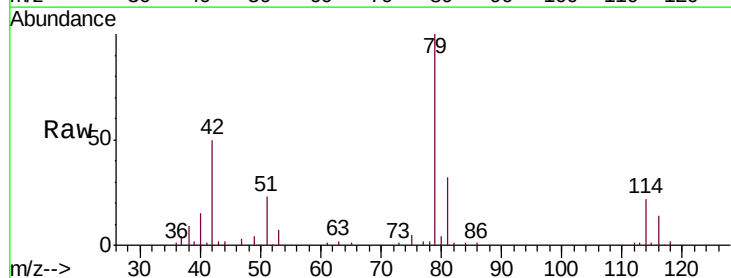
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM27MS

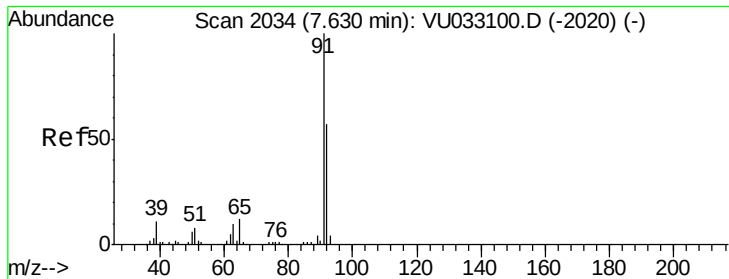
Tgt Ion: 63 Resp: 11138
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.064 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033114.D
 Acq: 01 Jul 2019 14:44

Tgt Ion: 75 Resp: 2899
 Ion Ratio Lower Upper
 75 100
 77 52.8 21.9 40.7#





#42

Toluene

Concen: 48.872 ug/L

RT: 7.63 min Scan# 2033

Delta R.T. -0.00 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

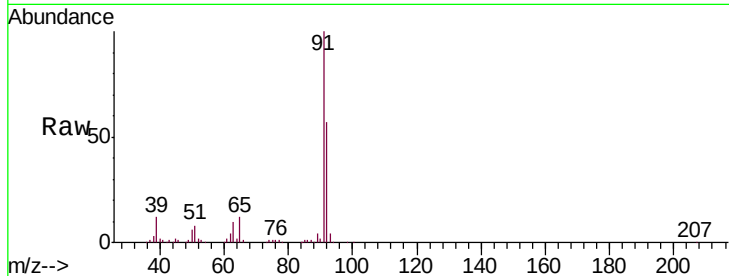
GAM27MS

Tgt Ion: 91 Resp: 337020

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VU033100.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU033100.D (-2020) (-)

7.63

200000

150000

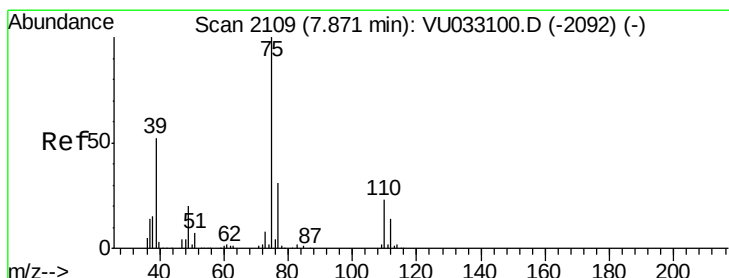
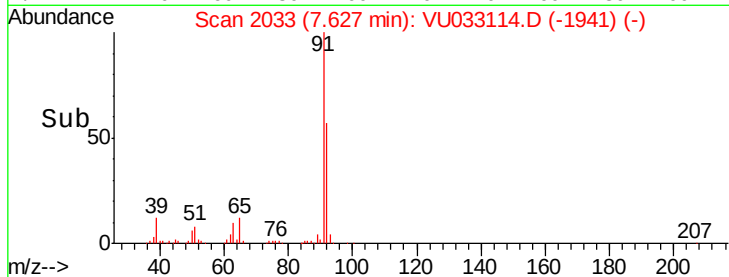
100000

50000

0

7.60 7.70

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU033114.D

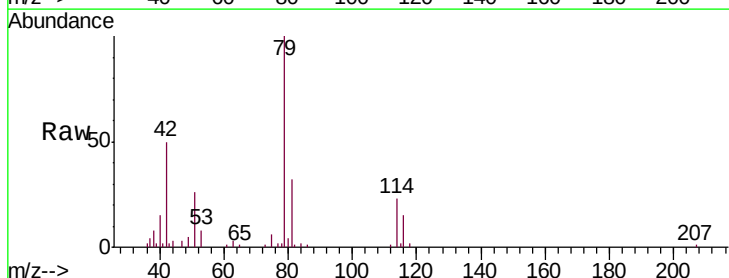
Acq: 01 Jul 2019 14:44

Tgt Ion: 75 Resp: 2310

Ion Ratio Lower Upper

75 100

77 38.4 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU033100.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU033100.D (-2092) (-)

7.84

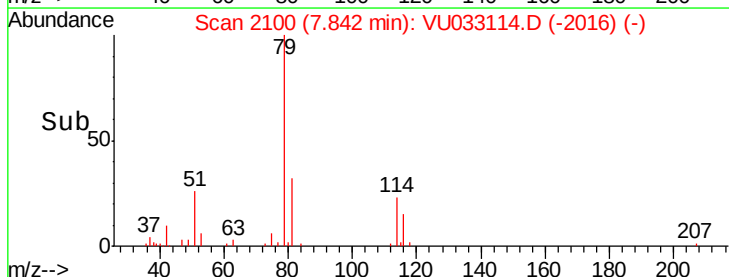
1000

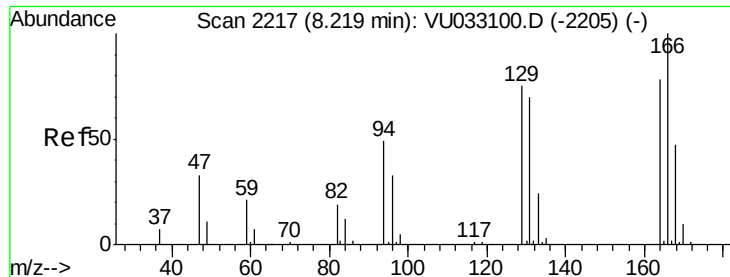
500

0

7.80 7.85 7.90

Time-->





#46

Tetrachloroethene

Concen: 1.402 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

GAM27MS

Tgt Ion: 164 Resp: 1957

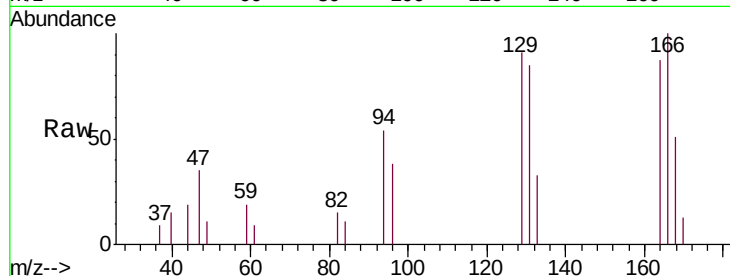
Ion Ratio Lower Upper

164 100

129 104.8 64.8 120.3

131 97.2 64.5 119.7

166 114.9 91.3 169.6

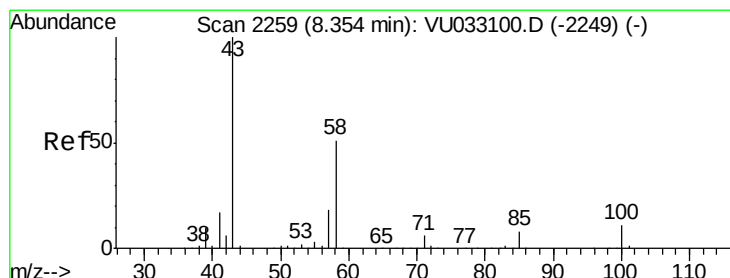
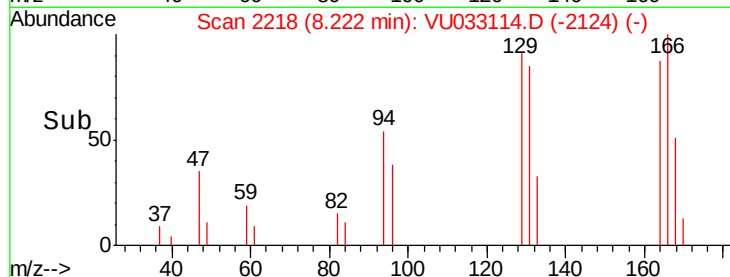
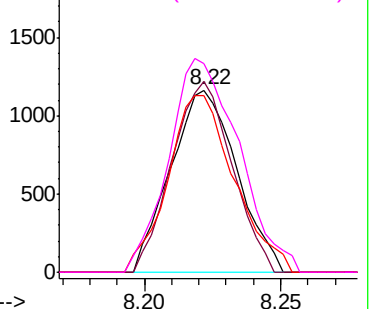


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.677 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.03 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Tgt Ion: 43 Resp: 11519

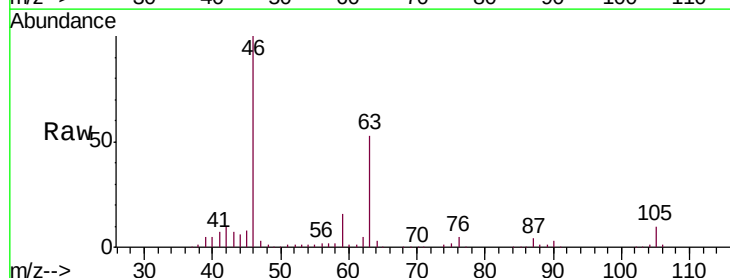
Ion Ratio Lower Upper

43 100

58 28.6 40.2 60.2#

57 27.9 14.2 21.4#

100 0.0 8.4 12.6#

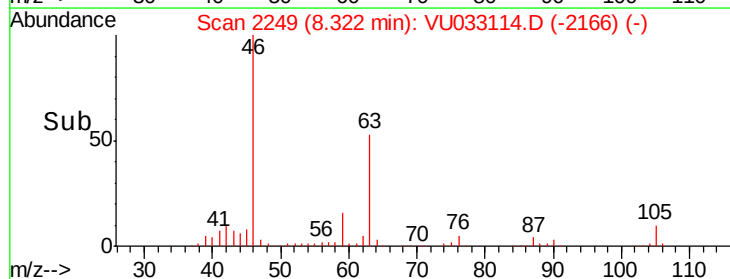
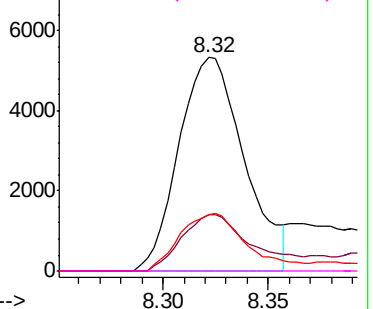


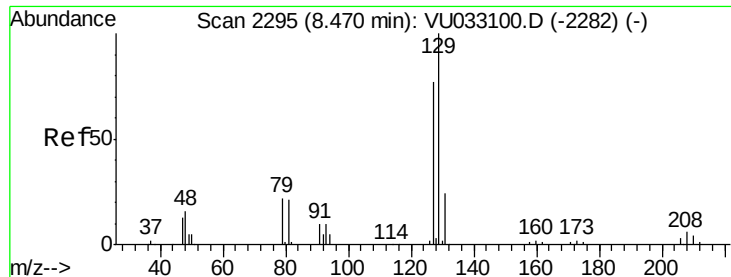
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 0.952 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

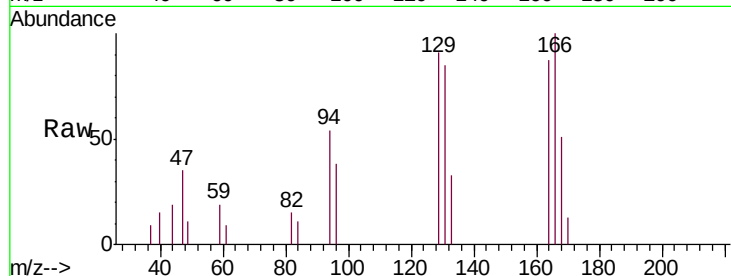
GAM27MS

Tgt Ion:129 Resp: 1868

Ion Ratio Lower Upper

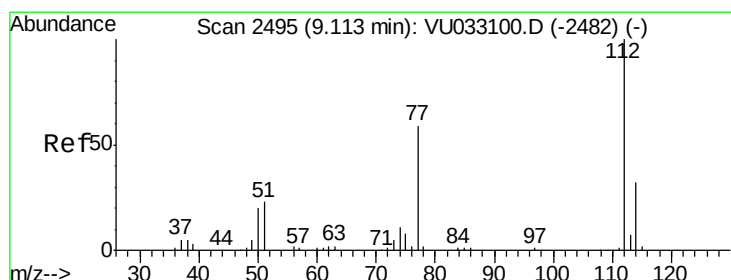
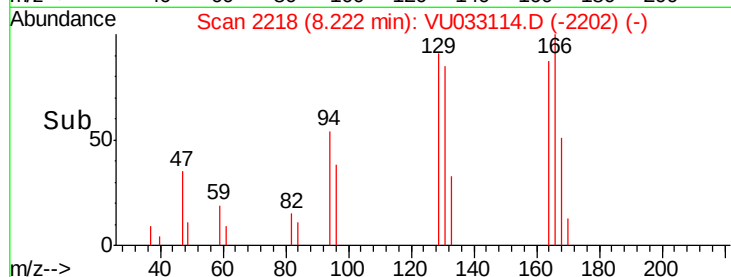
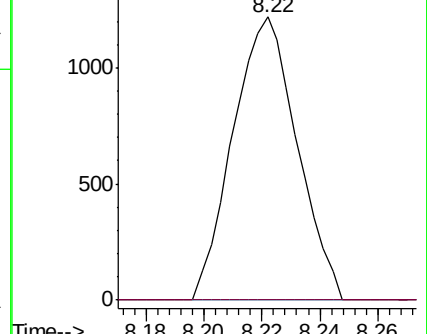
129 100

127 0.0 52.3 97.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#51

Chlorobenzene

Concen: 49.436 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

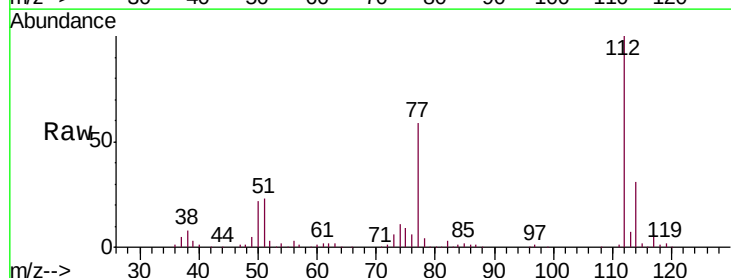
Tgt Ion:112 Resp: 224336

Ion Ratio Lower Upper

112 100

114 31.3 22.8 42.4

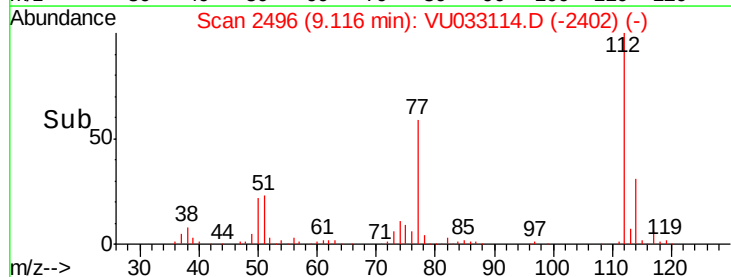
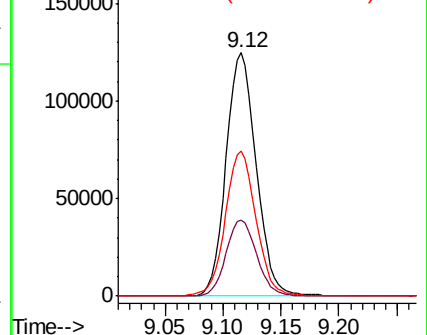
77 59.4 46.3 69.5

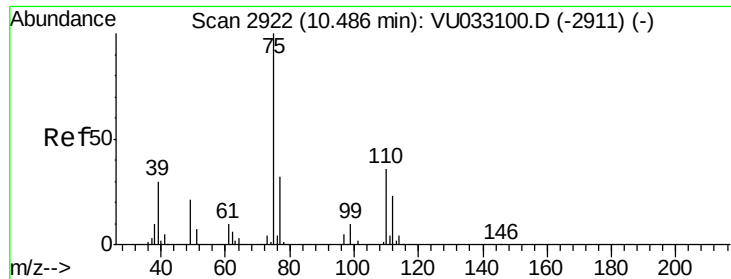


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU





#59

1,2,3-Trichloropropane

Concen: 6.090 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 1.00 min

Lab File: VU033114.D

Acq: 01 Jul 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

GAM27MS

Tgt Ion: 75 Resp: 14208

Ion Ratio Lower Upper

75 100

77 41.1 25.5 38.3#

