

Data File : VU033118.D
Acq On : 01 Jul 2019 16:16
Operator : JC/SP
Sample : K3599-05
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM14

Quant Time: Jul 02 04:22:05 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	225120	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224783	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110146	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56814	36.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.86%
7) Chloroethane-d5	1.64	69	37547	30.60	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.20%#
11) 1,1-Dichloroethene-d2	2.22	63	99447	32.09	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.18%
21) 2-Butanone-d5	4.19	46	140099	109.41	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.41%
24) Chloroform-d	4.63	84	139711	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.30	65	101542	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.32	84	266816	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
36) 1,2-Dichloropropane-d6	6.32	67	89527	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.56	98	238817	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%
43) trans-1,3-Dichloropropene-	7.85	79	41796	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.32	63	85665	98.28	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139633	48.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	98533	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%

Target Compounds

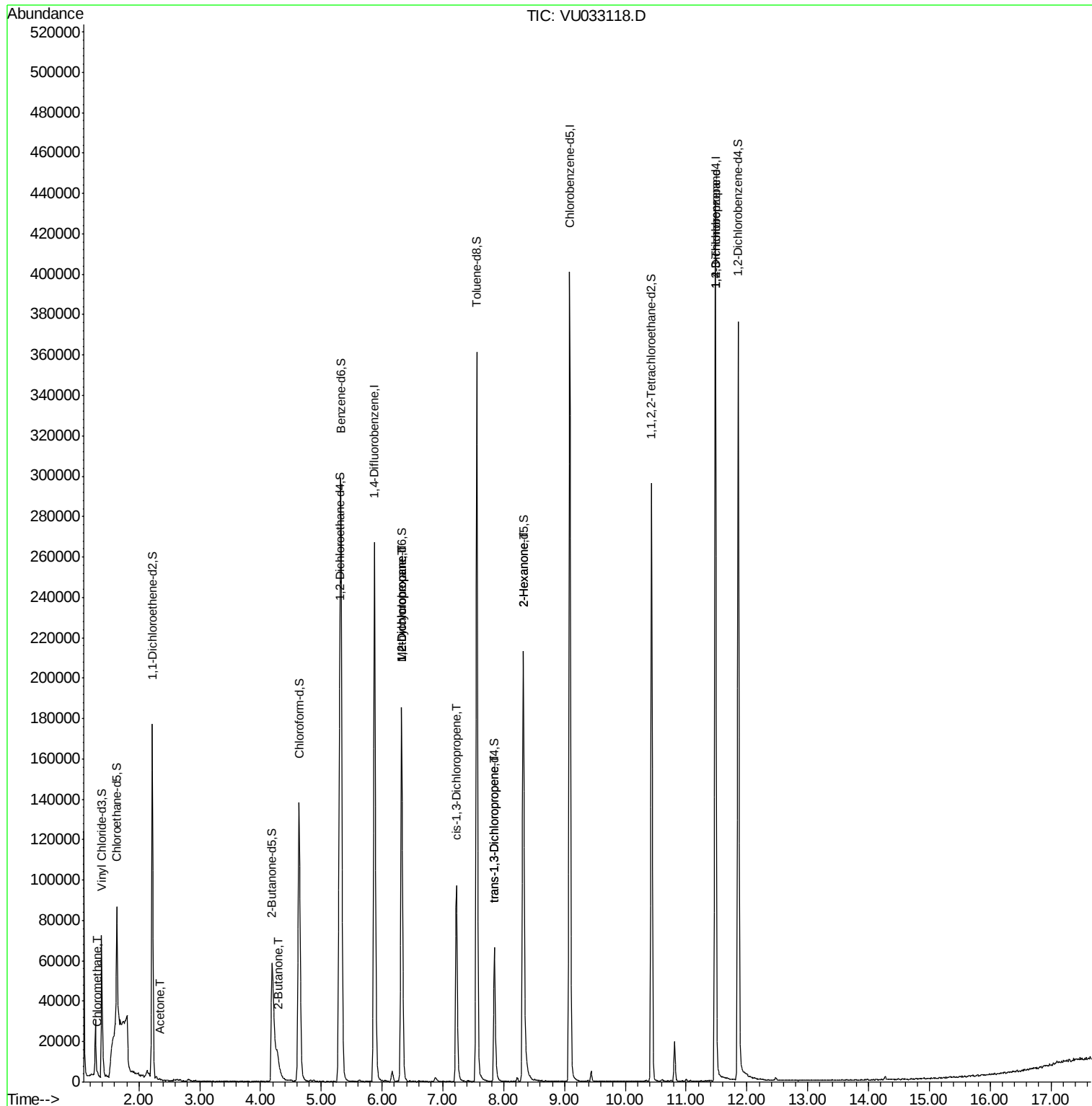
					Qvalue
3) Chloromethane	1.32	50	1481	0.719 ug/L	87
13) Acetone	2.34	43	944	0.534 ug/L	63
22) 2-Butanone	4.29	43	15008	8.187 ug/L	80
35) Methylcyclohexane	6.32	83	20521	7.673 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10692	6.019 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3107	1.123 ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	2186	0.841 ug/L	86
48) 2-Hexanone	8.32	43	11568	4.623 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	13860	5.847 ug/L #	88

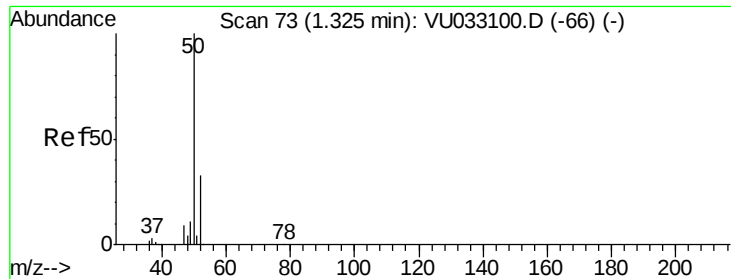
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.719 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

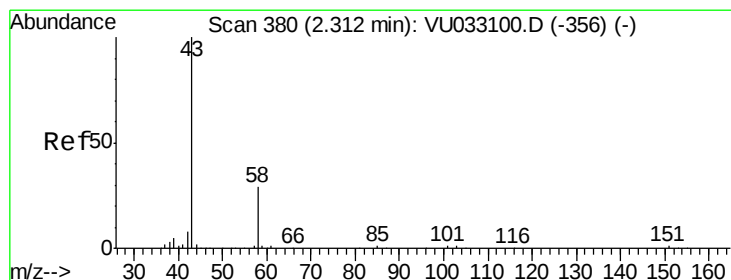
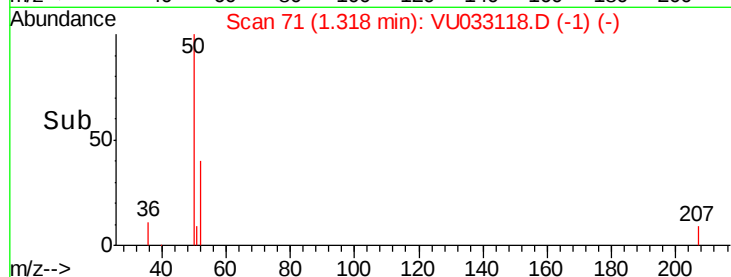
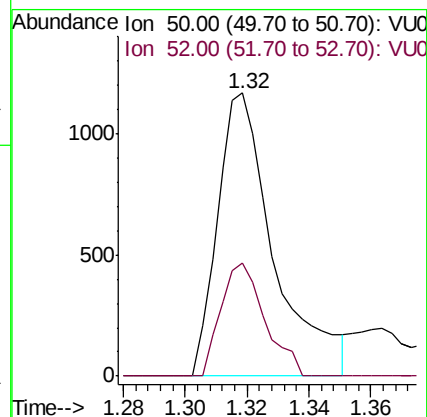
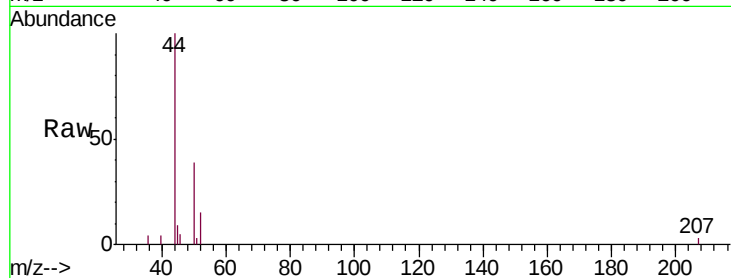
GAM14

Tgt Ion: 50 Resp: 1481

Ion Ratio Lower Upper

50 100

52 40.1 23.0 42.6



#13

Acetone

Concen: 0.534 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU033118.D

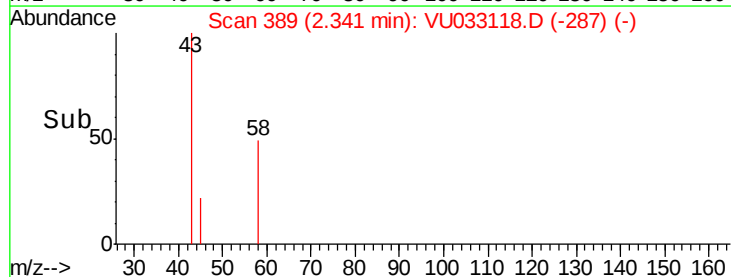
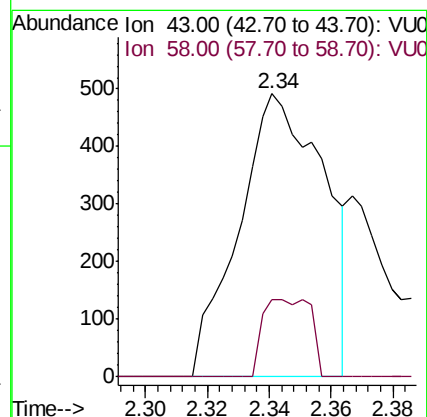
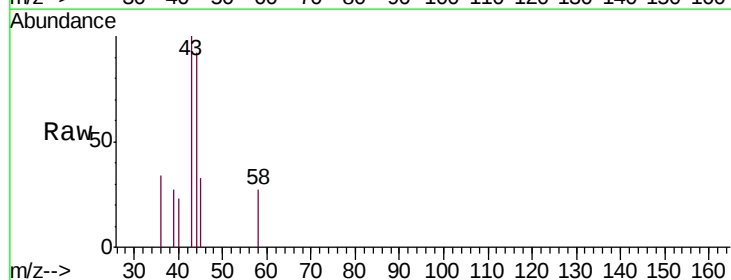
Acq: 01 Jul 2019 16:16

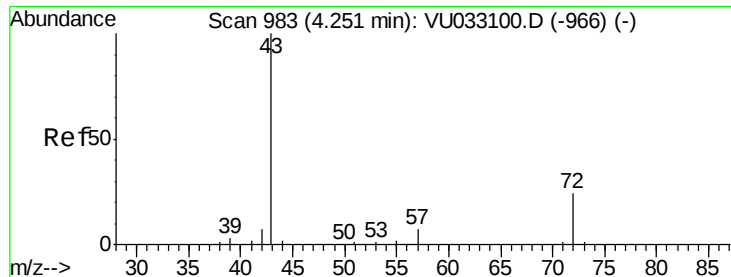
Tgt Ion: 43 Resp: 944

Ion Ratio Lower Upper

43 100

58 10.3 0.0 60.6





#22

2-Butanone

Concen: 8.187 ug/L

RT: 4.29 min Scan# 996

Delta R.T. 0.04 min

Lab File: VU033118.D

Acq: 01 Jul 2019 16:16

Instrument :

MSVOA_U

ClientSampleId :

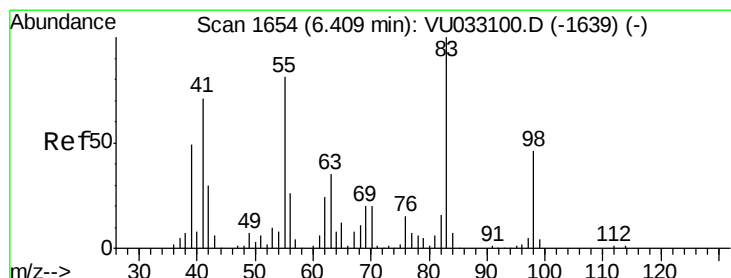
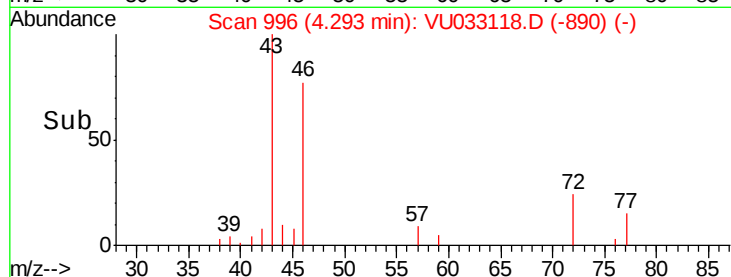
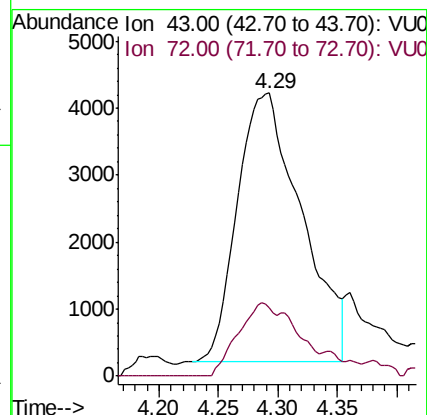
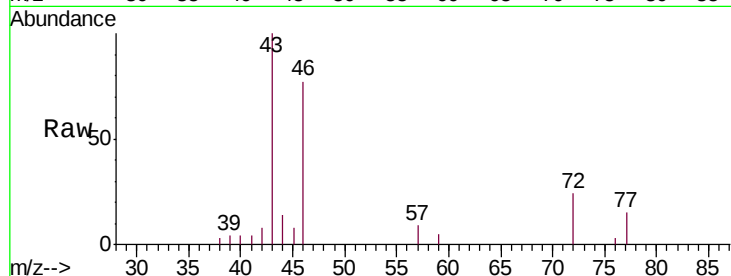
GAM14

Tgt Ion: 43 Resp: 15008

Ion Ratio Lower Upper

43 100

72 15.6 12.9 38.6



#35

Methylcyclohexane

Concen: 7.673 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.09 min

Lab File: VU033118.D

Acq: 01 Jul 2019 16:16

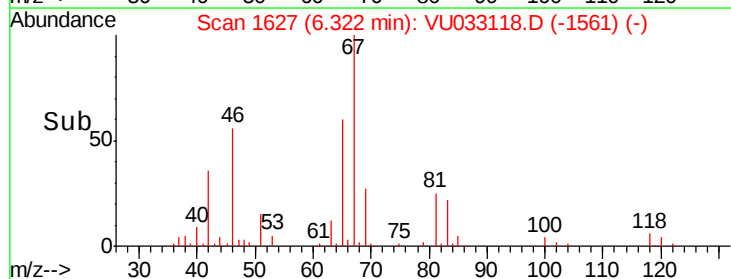
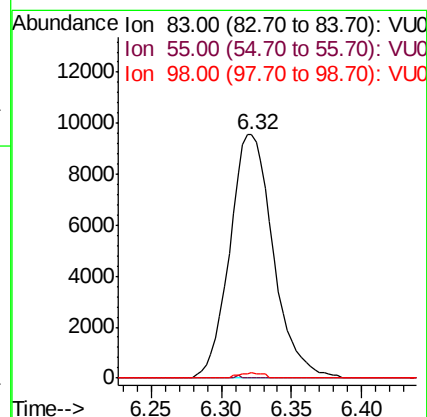
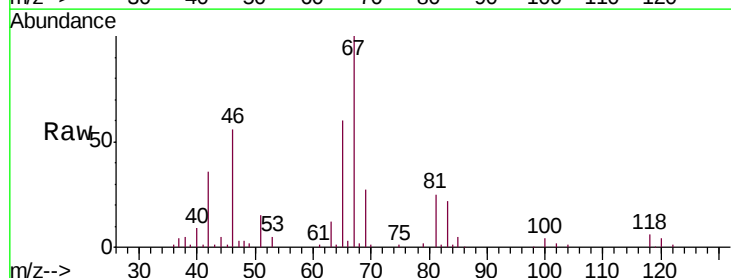
Tgt Ion: 83 Resp: 20521

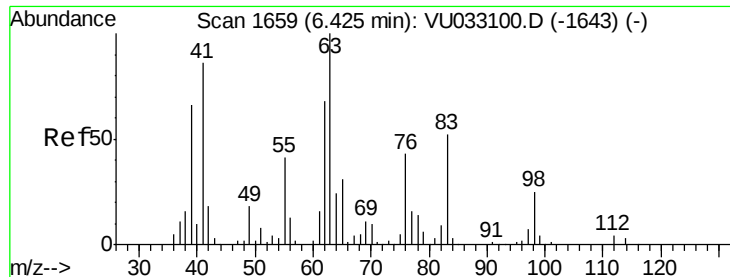
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.2 37.4 56.0#

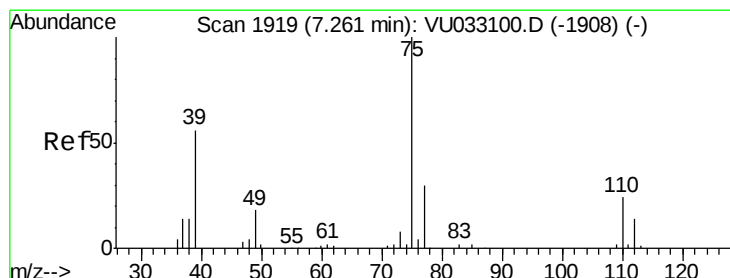
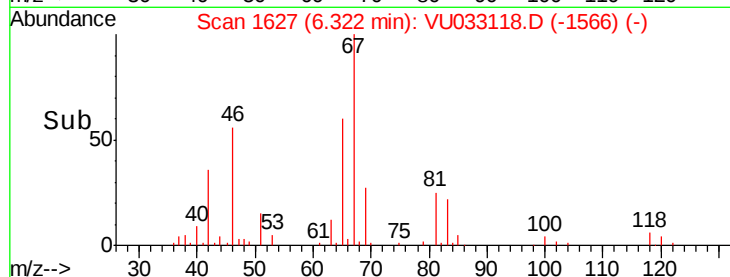
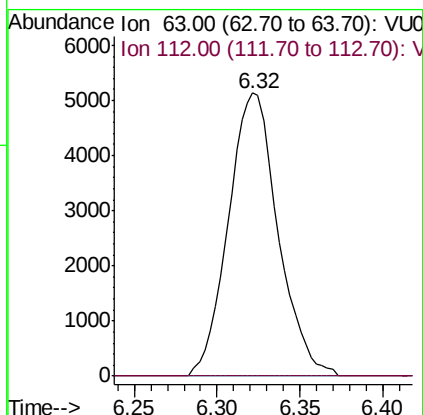
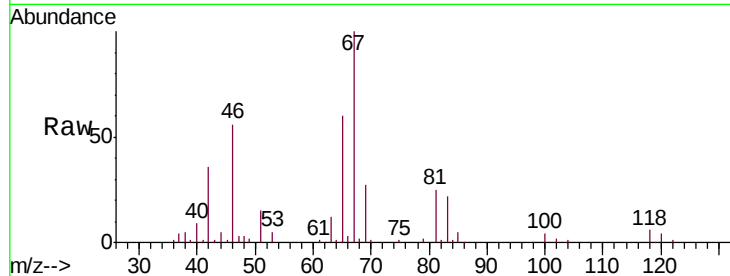




#37
 1,2-Dichloropropane
 Concen: 6.019 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU033118.D
 Acq: 01 Jul 2019 16:16

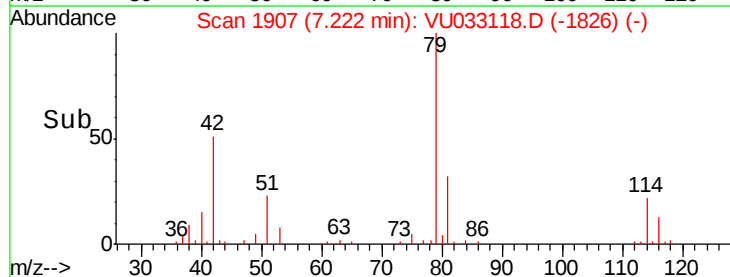
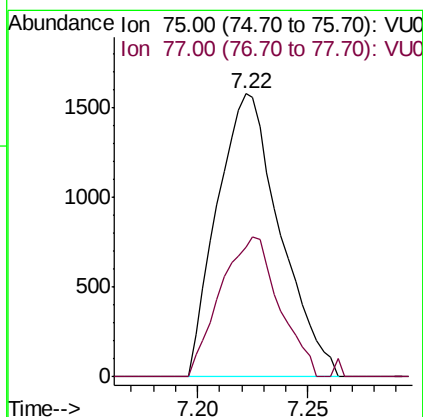
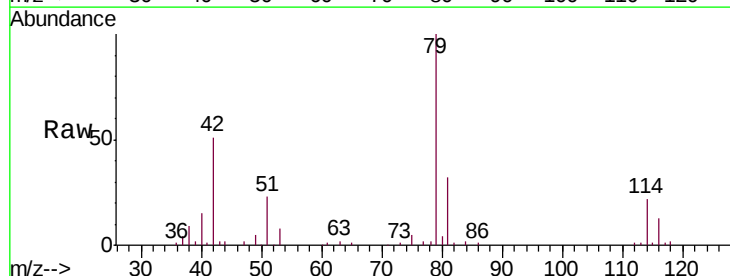
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM14

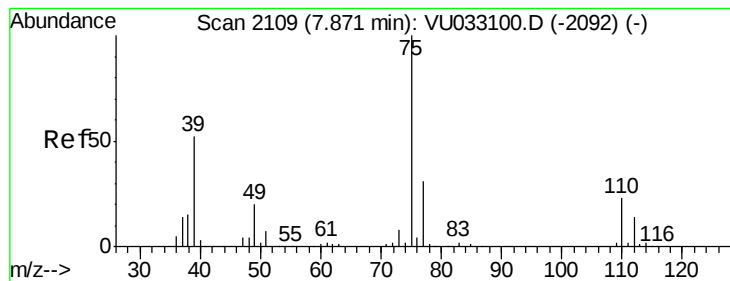
Tgt Ion: 63 Resp: 10692
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.123 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033118.D
 Acq: 01 Jul 2019 16:16

Tgt Ion: 75 Resp: 3107
 Ion Ratio Lower Upper
 75 100
 77 45.8 21.9 40.7#





#44

trans-1,3-Dichloropropene

Concen: 0.841 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU033118.D

Acq: 01 Jul 2019 16:16

Instrument :

MSVOA_U

ClientSampleId :

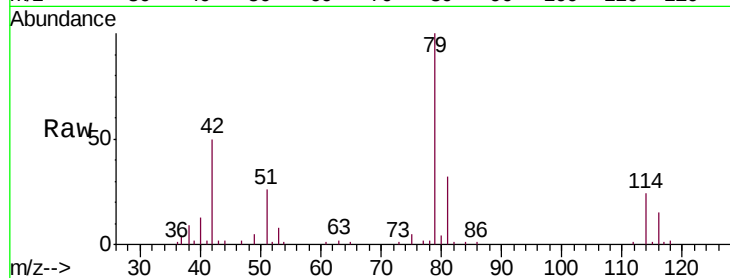
GAM14

Tgt Ion: 75 Resp: 2186

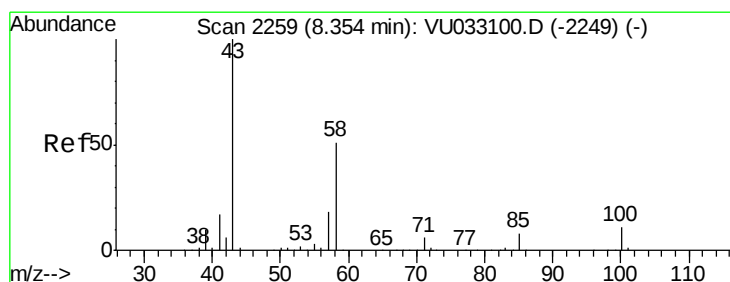
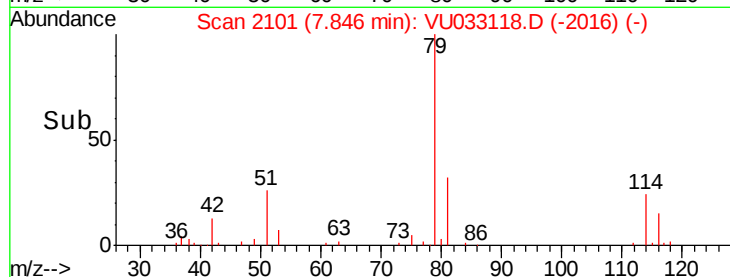
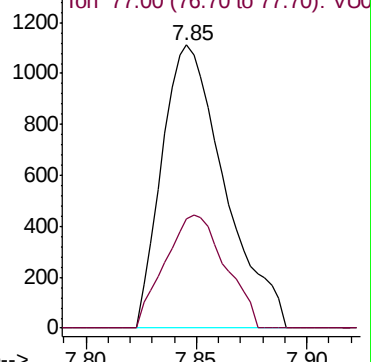
Ion Ratio Lower Upper

75 100

77 38.8 21.8 40.4



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



#48

2-Hexanone

Concen: 4.623 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.03 min

Lab File: VU033118.D

Acq: 01 Jul 2019 16:16

Tgt Ion: 43 Resp: 11568

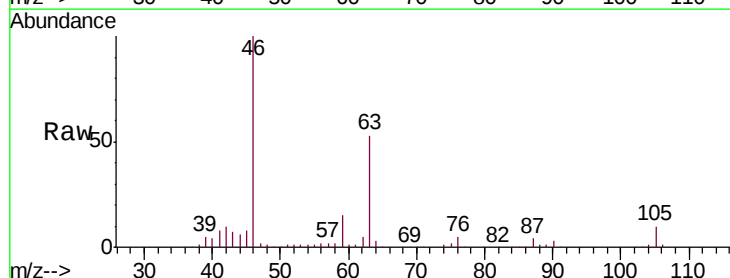
Ion Ratio Lower Upper

43 100

58 29.8 40.2 60.2#

57 27.6 14.2 21.4#

100 0.0 8.4 12.6#

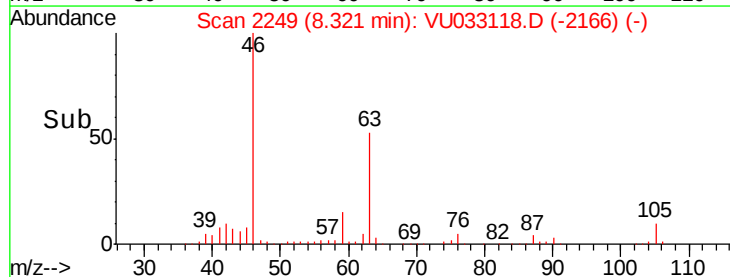
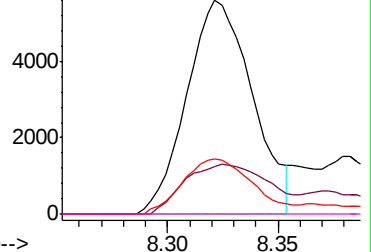


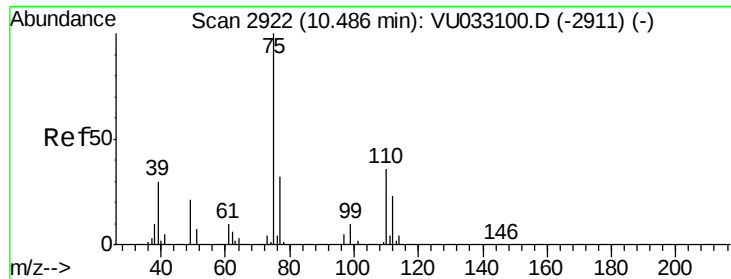
Abundance Ion 43.00 (42.70 to 43.70): VU033100.D (-2249) (-)

Ion 58.00 (57.70 to 58.70): VU033100.D (-2249) (-)

Ion 57.00 (56.70 to 57.70): VU033100.D (-2249) (-)

Ion 100.00 (99.70 to 100.70): VU033100.D (-2249) (-)





#59

1,2,3-Trichloropropane

Concen: 5.847 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 1.00 min

Lab File: VU033118.D

Acq: 01 Jul 2019 16:16

Instrument :

MSVOA_U

ClientSampleId :

GAM14

Tgt Ion: 75 Resp: 13860

Ion Ratio Lower Upper

75 100

77 38.8 25.5 38.3#

