

Data File : VU033121.D
Acq On : 01 Jul 2019 17:47
Operator : JC/SP
Sample : K3599-08
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM17

Quant Time: Jul 02 04:22:30 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	225110	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	223704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54679	35.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.08%
7) Chloroethane-d5	1.64	69	37680	30.71	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.42%#
11) 1,1-Dichloroethene-d2	2.22	63	95787	30.91	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.82%
21) 2-Butanone-d5	4.19	46	145279	113.46	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	4.63	84	138294	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.30	65	101275	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.32	84	260909	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
36) 1,2-Dichloropropane-d6	6.32	67	89455	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.56	98	235478	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	7.85	79	42577	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.32	63	88920	102.51	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144674	50.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	99176	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%

Target Compounds

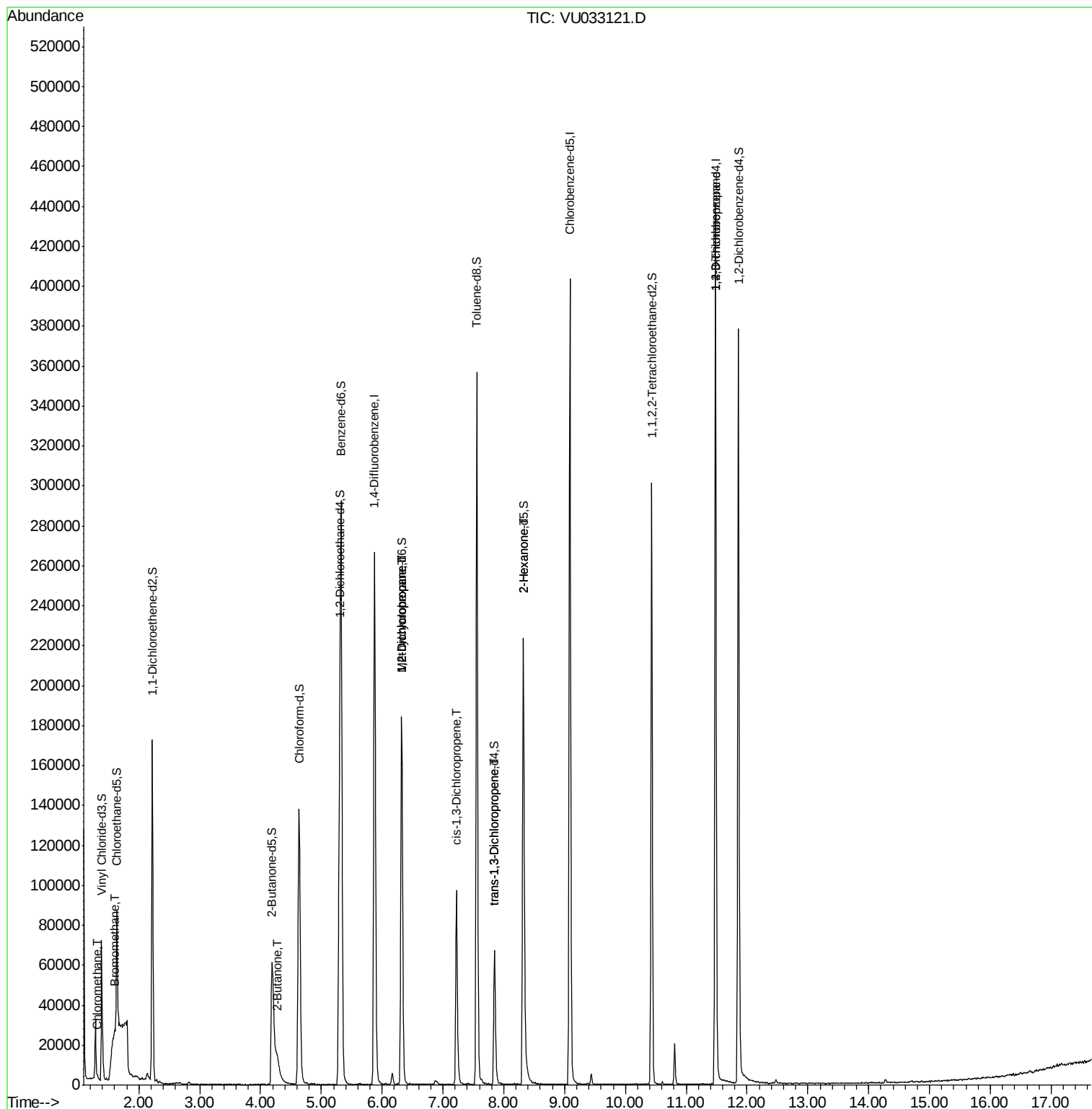
					Qvalue
3) Chloromethane	1.32	50	1444	0.701 ug/L	96
6) Bromomethane	1.60	94	707	0.588 ug/L	88
22) 2-Butanone	4.28	43	6325	3.450 ug/L	81
35) Methylcyclohexane	6.32	83	20811	7.819 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10951	6.195 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2920	1.060 ug/L #	75
44) trans-1,3-Dichloropropene	7.84	75	1862	0.720 ug/L	90
48) 2-Hexanone	8.32	43	12485	5.014 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	14335	6.076 ug/L #	88

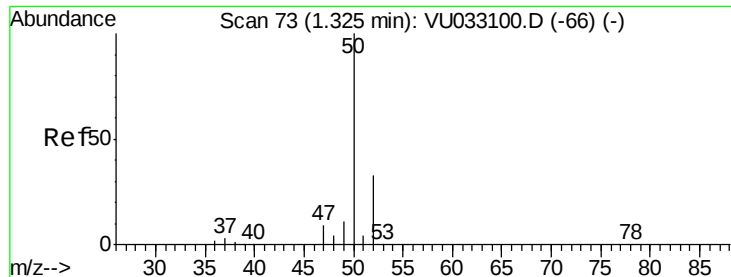
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.701 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

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Acq: 01 Jul 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

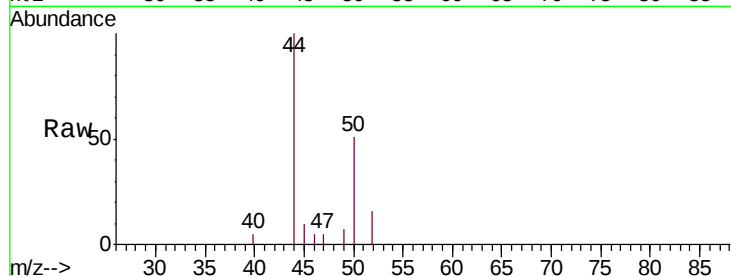
GAM17

Tgt Ion: 50 Resp: 1444

Ion Ratio Lower Upper

50 100

52 30.4 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU033121.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU033121.D (-66) (-)

1.32

1.34

1.36

1.38

1.40

1.42

1.44

1.46

1.48

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1.56

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1.60

1.62

1.64

1.66

1.68

1.70

1.72

1.74

1.76

1.78

1.80

1.82

1.84

1.86

1.88

1.90

1.92

1.94

1.96

1.98

2.00

2.02

2.04

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2.10

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5.98

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6.48

6.50

6.52

6.54

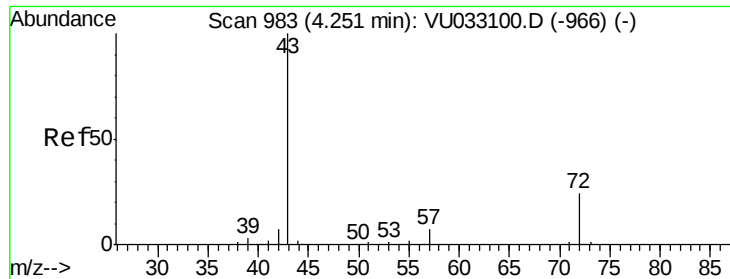
6.56

6.58

6.60

6.62

6.64



#22

2-Butanone

Concen: 3.450 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.03 min

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ClientSampleId :

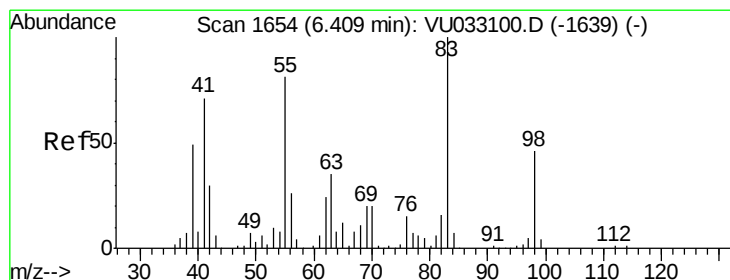
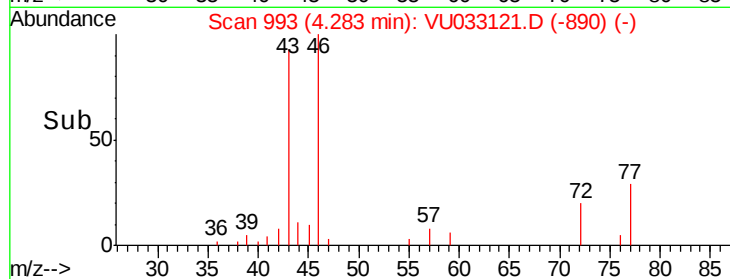
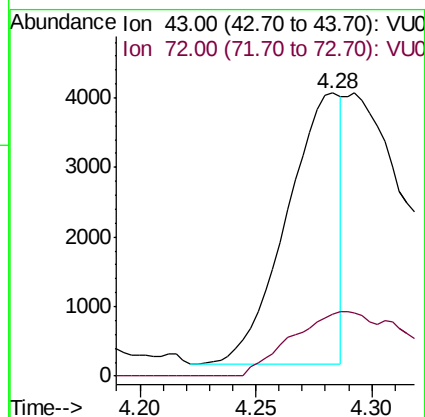
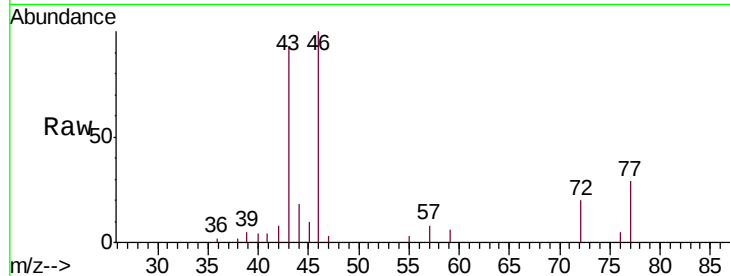
GAM17

Tgt Ion: 43 Resp: 6325

Ion Ratio Lower Upper

43 100

72 35.1 12.9 38.6



#35

Methylcyclohexane

Concen: 7.819 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.09 min

Lab File: VU033121.D

Acq: 01 Jul 2019 17:47

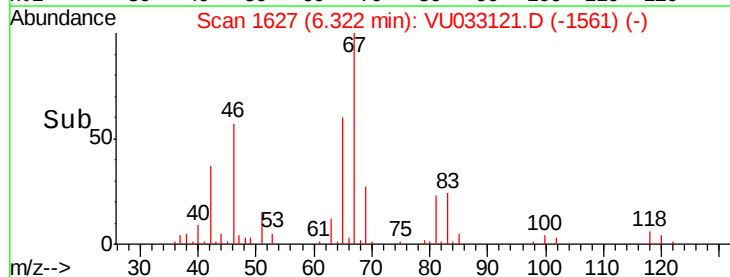
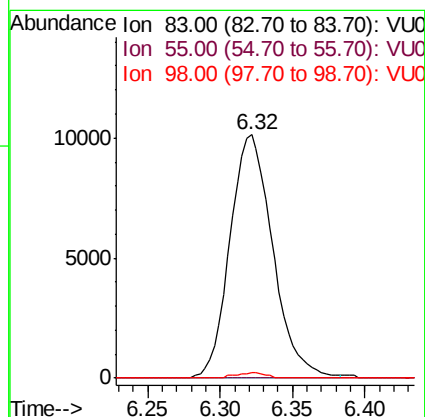
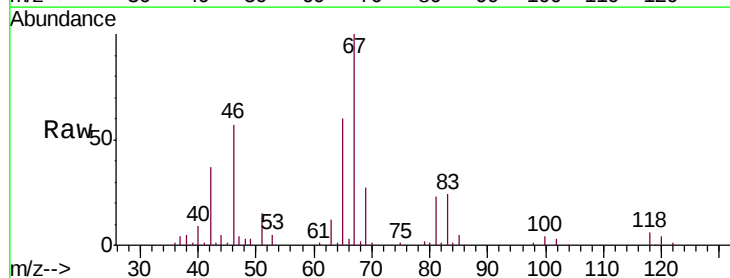
Tgt Ion: 83 Resp: 20811

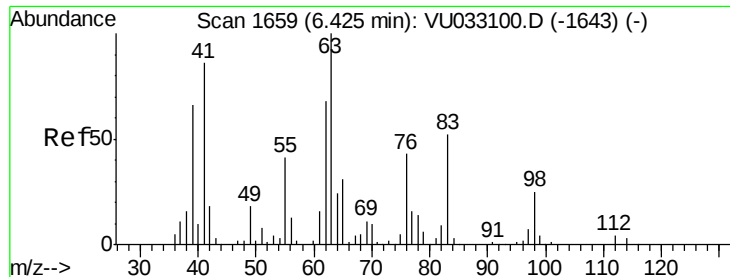
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.5 37.4 56.0#

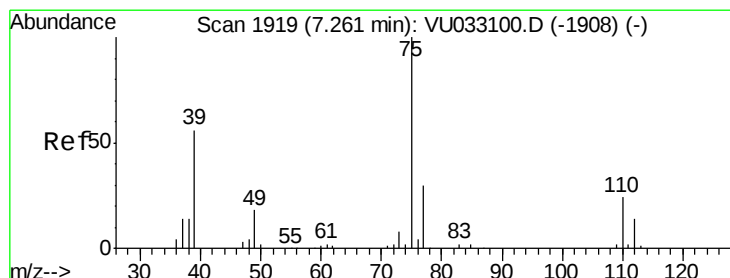
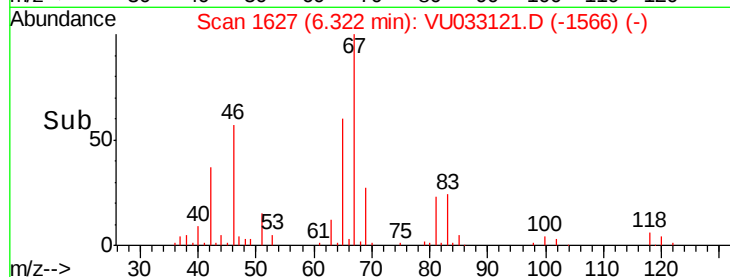
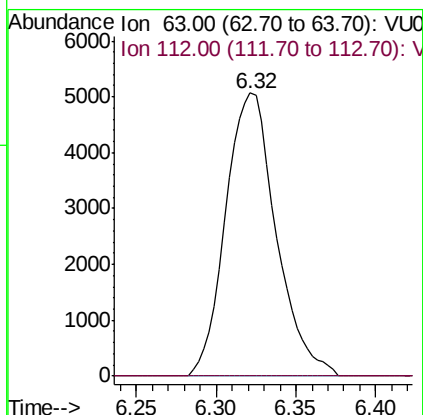
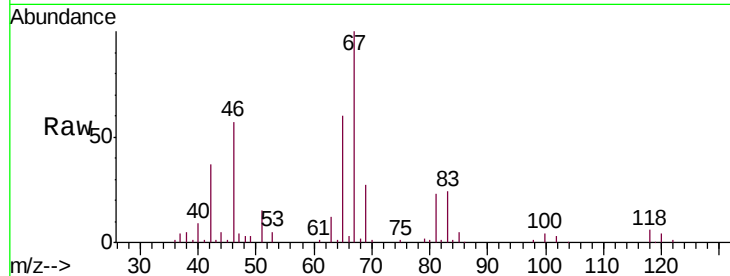




#37
 1,2-Dichloropropane
 Concen: 6.195 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU033121.D
 Acq: 01 Jul 2019 17:47

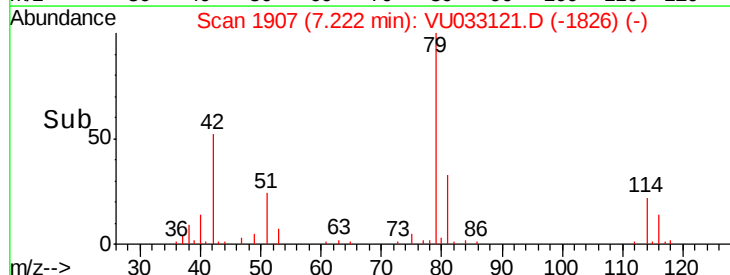
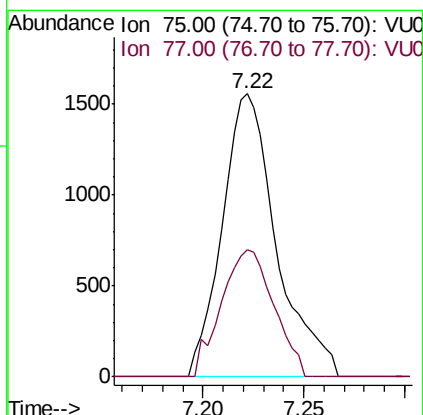
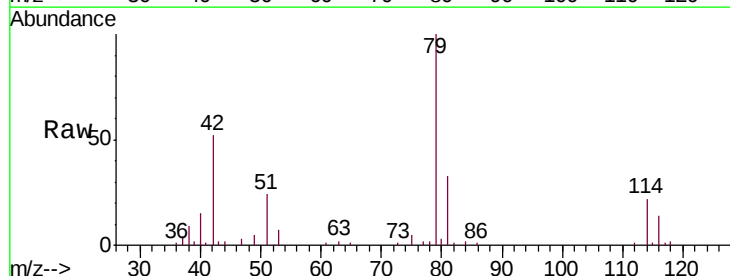
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM17

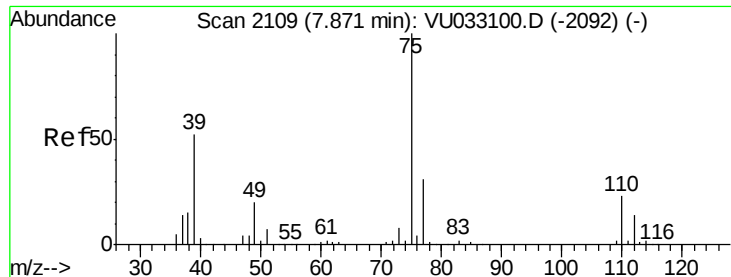
Tgt Ion: 63 Resp: 10951
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.060 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033121.D
 Acq: 01 Jul 2019 17:47

Tgt Ion: 75 Resp: 2920
 Ion Ratio Lower Upper
 75 100
 77 45.0 21.9 40.7#





#44

trans-1,3-Dichloropropene

Concen: 0.720 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU033121.D

Acq: 01 Jul 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

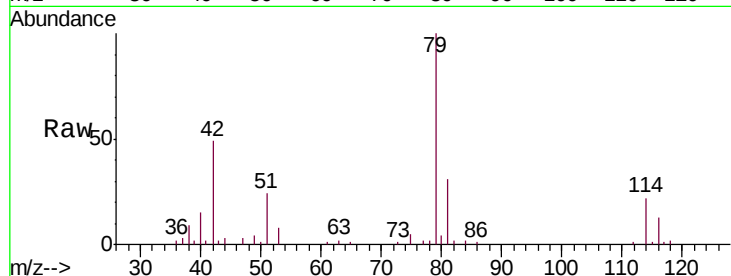
GAM17

Tgt Ion: 75 Resp: 1862

Ion Ratio Lower Upper

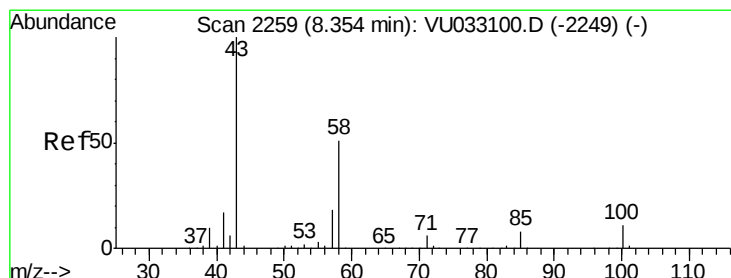
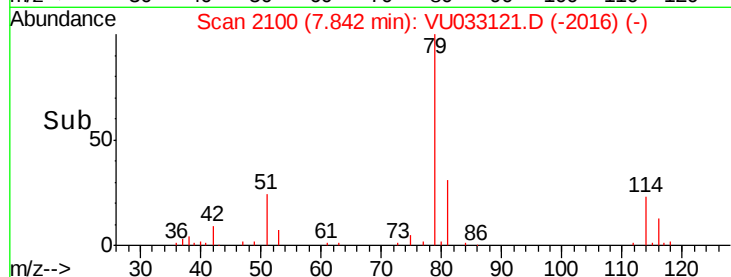
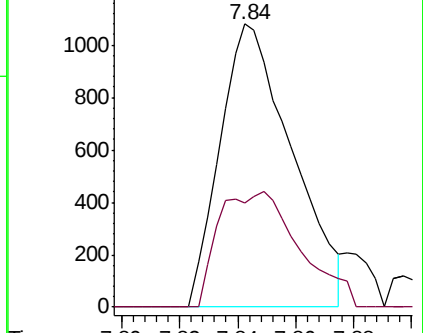
75 100

77 36.9 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) (-)



#48

2-Hexanone

Concen: 5.014 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.03 min

Lab File: VU033121.D

Acq: 01 Jul 2019 17:47

Tgt Ion: 43 Resp: 12485

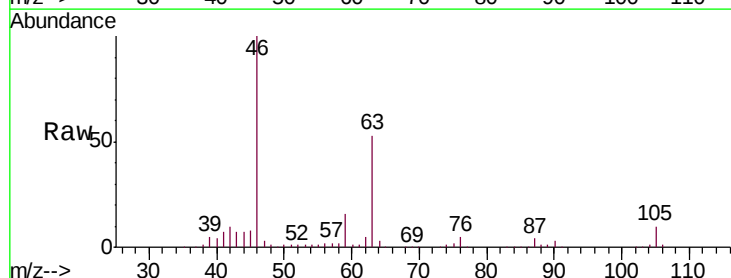
Ion Ratio Lower Upper

43 100

58 25.2 40.2 60.2#

57 26.7 14.2 21.4#

100 0.0 8.4 12.6#

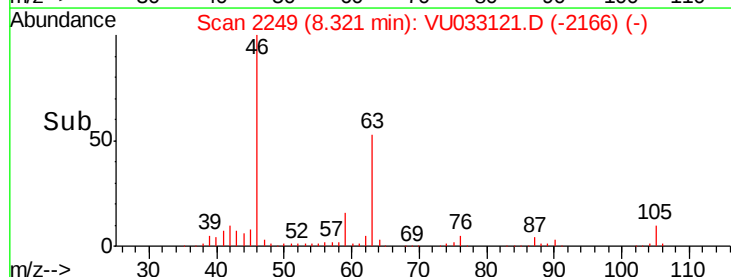
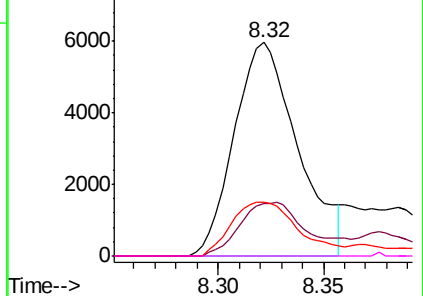


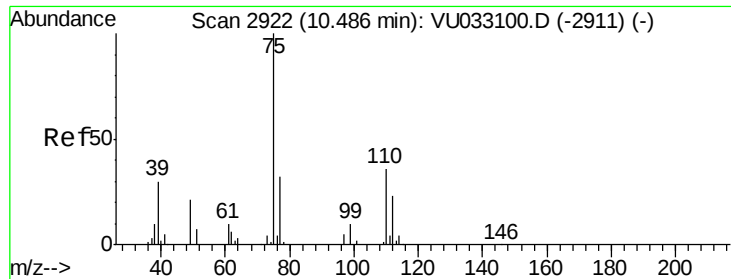
Abundance Ion 43.00 (42.70 to 43.70): VU033100.D (-2249) (-)

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: 6.076 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 1.00 min

Lab File: VU033121.D

Acq: 01 Jul 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

GAM17

Tgt Ion: 75 Resp: 14335

Ion Ratio Lower Upper

75 100

77 38.8 25.5 38.3#

