

Data File : VU033102.D
Acq On : 01 Jul 2019 10:08
Operator : JC/SP
Sample : K3599-12
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM21

Quant Time: Jul 02 04:19:15 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	190630	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	193000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52073	39.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.94%
7) Chloroethane-d5	1.64	69	38658	37.21	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.42%
11) 1,1-Dichloroethene-d2	2.22	63	90844	34.61	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.19	46	111972	103.26	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.63	84	119978	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.30	65	85882	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
32) Benzene-d6	5.32	84	227995	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
36) 1,2-Dichloropropane-d6	6.32	67	77476	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.68%
41) Toluene-d8	7.56	98	206646	43.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.72%
43) trans-1,3-Dichloropropene-	7.85	79	37872	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.86%
47) 2-Hexanone-d5	8.32	63	67307	89.94	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121921	49.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	88229	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%

Target Compounds

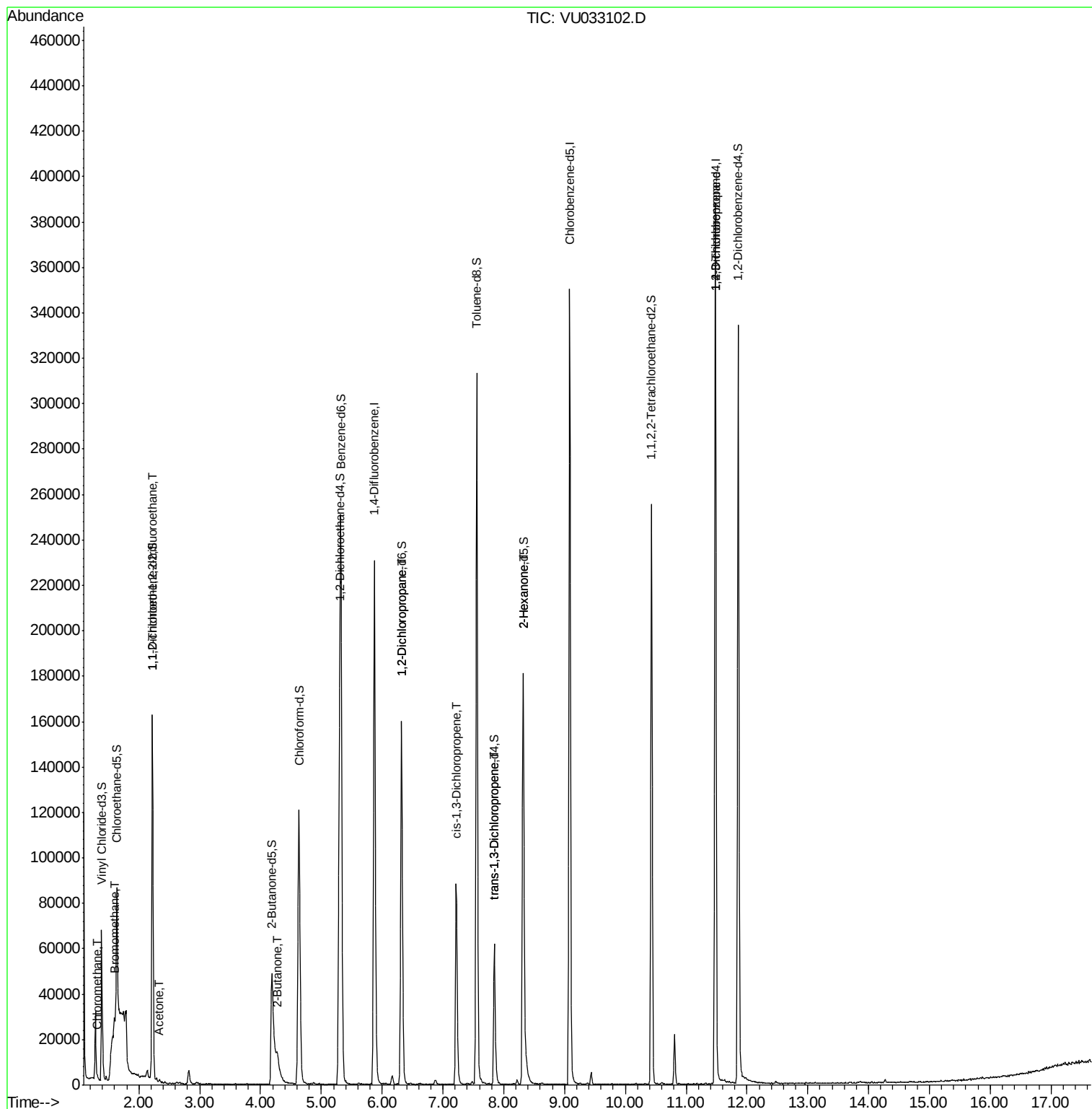
					Qvalue
3) Chloromethane	1.32	50	1330	0.762 ug/L	98
6) Bromomethane	1.59	94	1101	1.081 ug/L	76
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	730	0.573 ug/L #	17
13) Acetone	2.34	43	1751	1.169 ug/L	51
22) 2-Butanone	4.28	43	16333	10.521 ug/L	92
37) 1,2-Dichloropropane	6.32	63	9130	5.986 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2721	1.145 ug/L #	74
44) trans-1,3-Dichloropropene	7.84	75	2072	0.928 ug/L	93
48) 2-Hexanone	8.32	43	9617	4.477 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	12725	6.252 ug/L	89

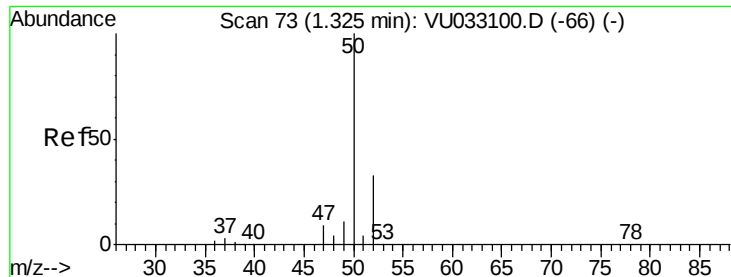
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.762 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU033102.D

Acq: 01 Jul 2019 10:08

Instrument :

MSVOA_U

ClientSampleId :

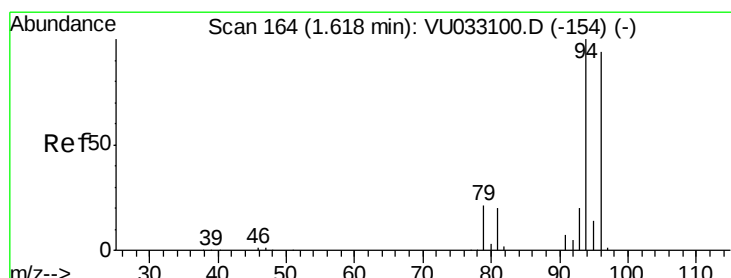
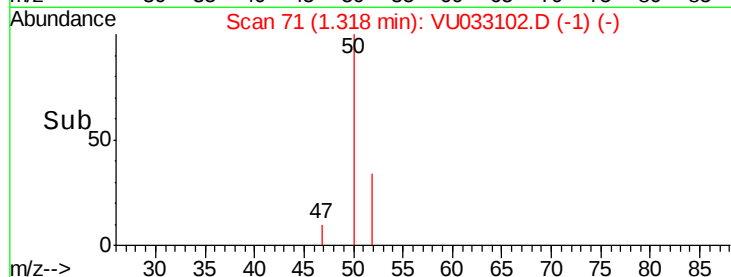
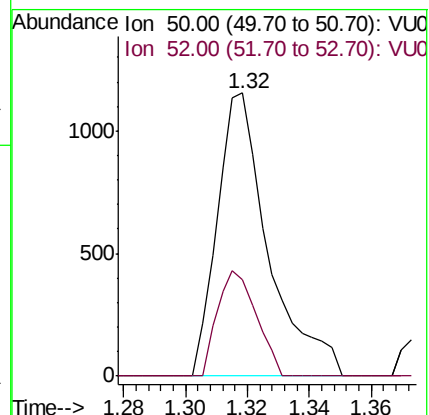
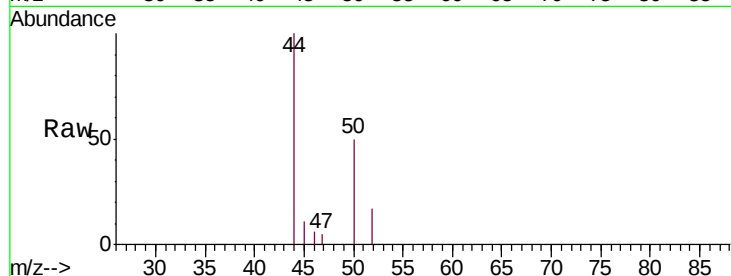
GAM21

Tgt Ion: 50 Resp: 1330

Ion Ratio Lower Upper

50 100

52 34.1 23.0 42.6



#6

Bromomethane

Concen: 1.081 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.02 min

Lab File: VU033102.D

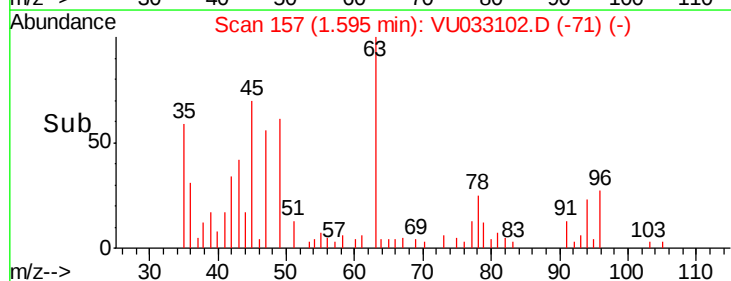
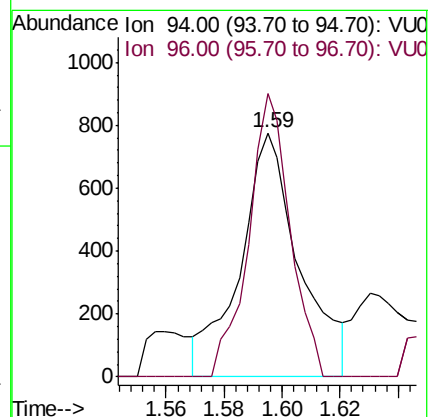
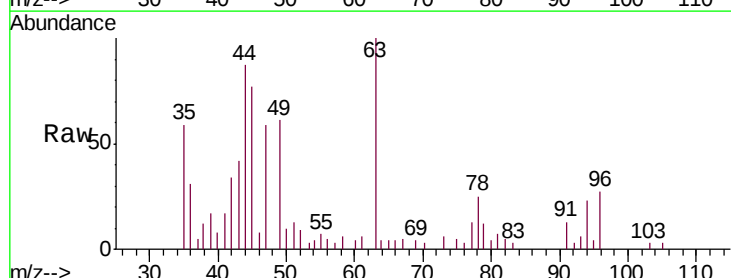
Acq: 01 Jul 2019 10:08

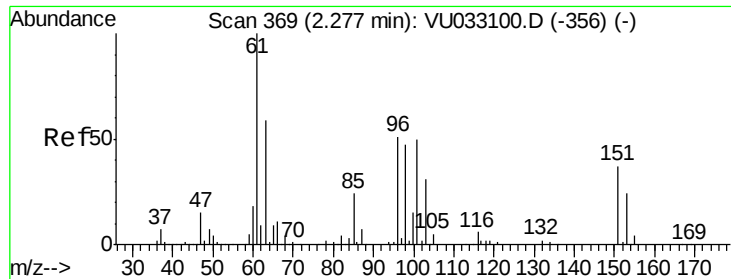
Tgt Ion: 94 Resp: 1101

Ion Ratio Lower Upper

94 100

96 116.0 64.8 120.4





#10

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

Concen: 0.573 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.05 min

Lab File: VU033102.D

Acq: 01 Jul 2019 10:08

Instrument :

MSVOA_U

ClientSampleId :

GAM21

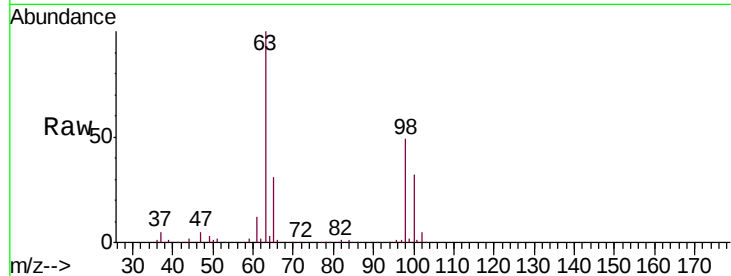
Tgt Ion:101 Resp: 730

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

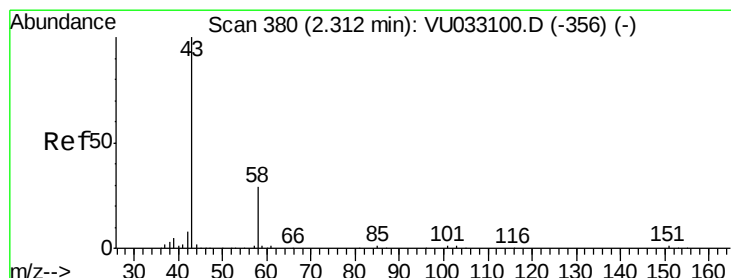
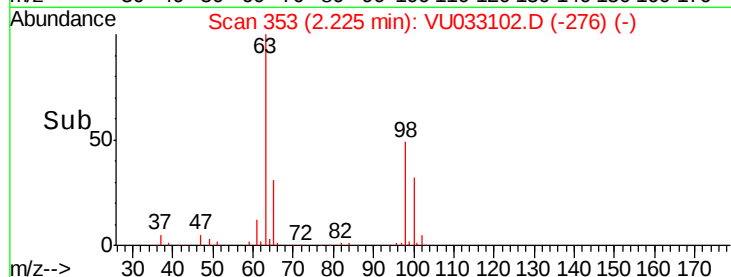
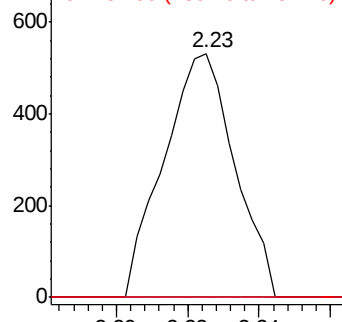
151 0.0 63.6 95.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.169 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU033102.D

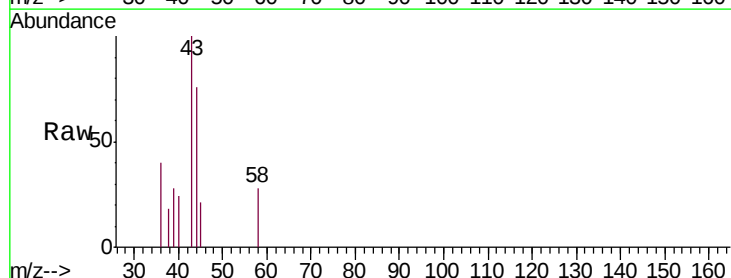
Acq: 01 Jul 2019 10:08

Tgt Ion: 43 Resp: 1751

Ion Ratio Lower Upper

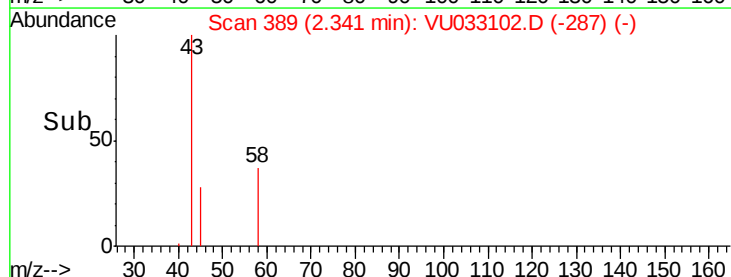
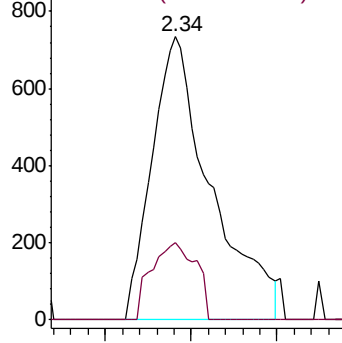
43 100

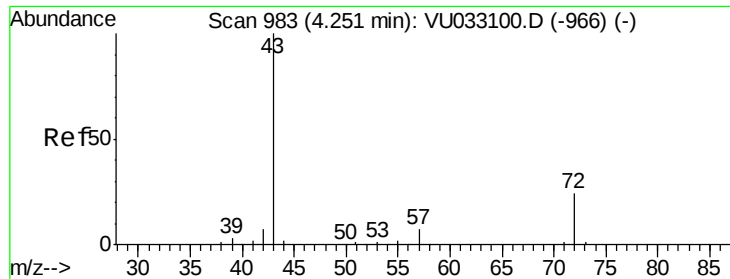
58 3.8 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#22

2-Butanone

Concen: 10.521 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.03 min

Lab File: VU033102.D

Acq: 01 Jul 2019 10:08

Instrument :

MSVOA_U

ClientSampleId :

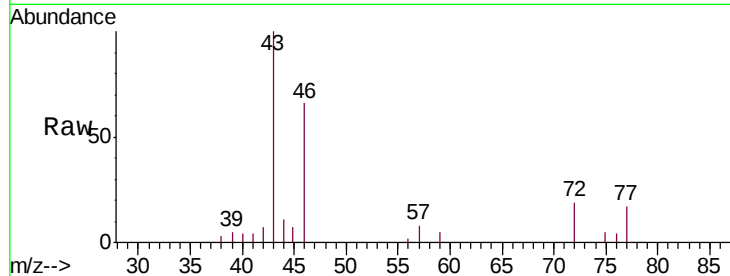
GAM21

Tgt Ion: 43 Resp: 16333

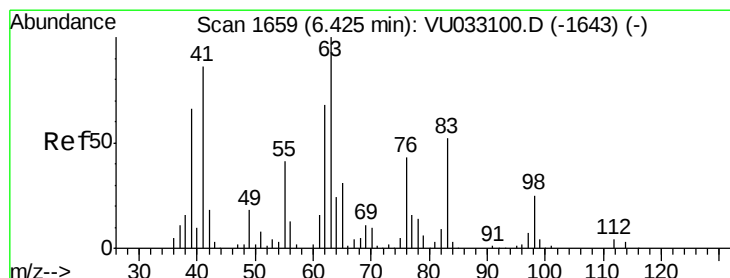
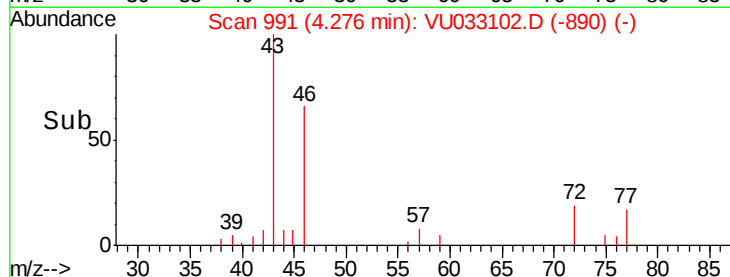
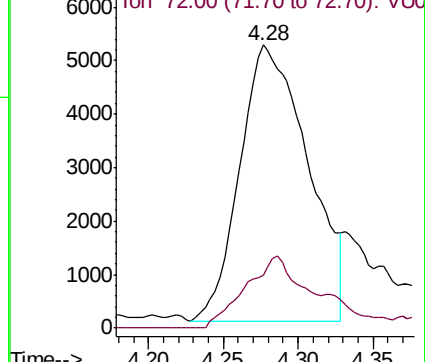
Ion Ratio Lower Upper

43 100

72 21.5 12.9 38.6



Abundance Ion 43.00 (42.70 to 43.70): VU033102.D (-966) (-)



#37

1,2-Dichloropropane

Concen: 5.986 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU033102.D

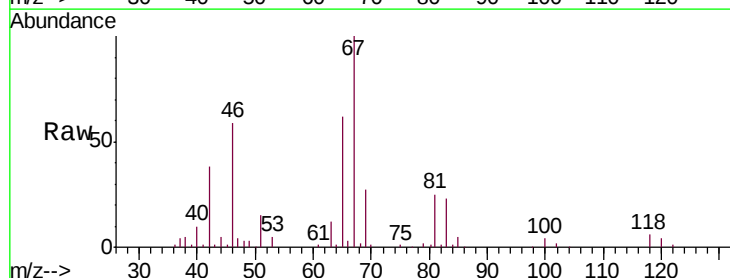
Acq: 01 Jul 2019 10:08

Tgt Ion: 63 Resp: 9130

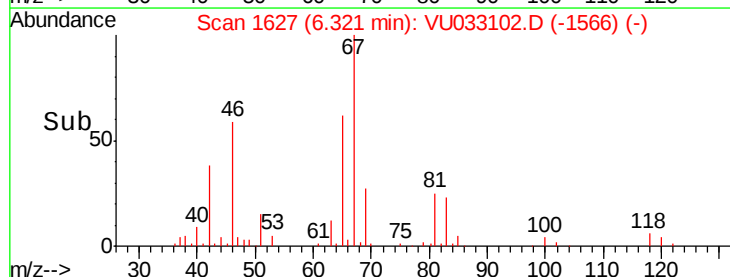
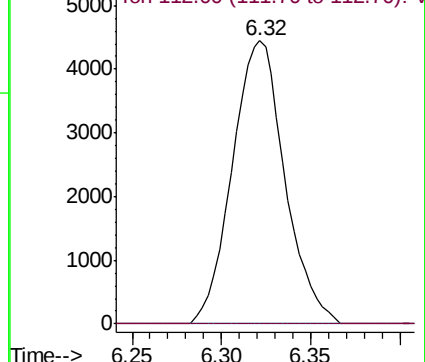
Ion Ratio Lower Upper

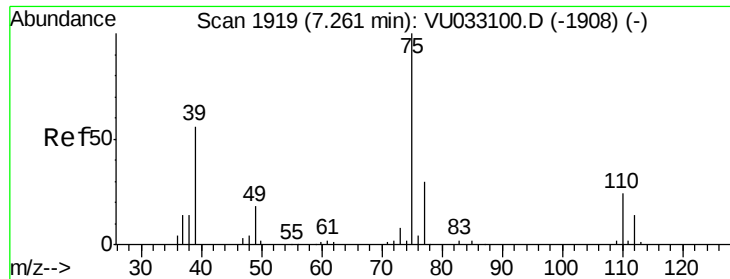
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU033102.D (-1643) (-)

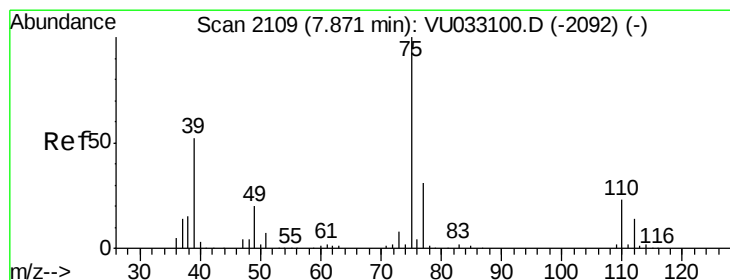
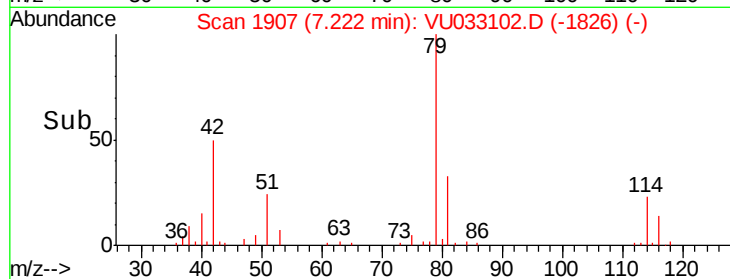
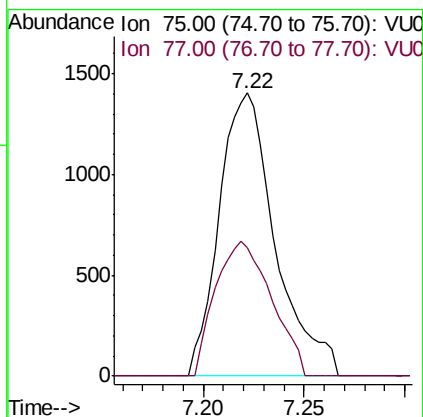
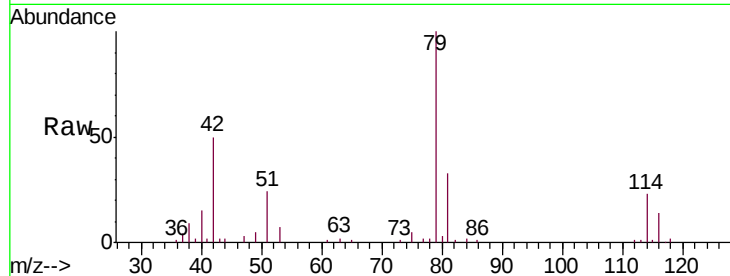




#39
 cis-1,3-Dichloropropene
 Concen: 1.145 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033102.D
 Acq: 01 Jul 2019 10:08

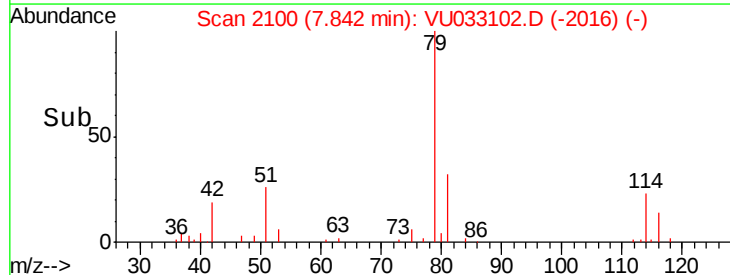
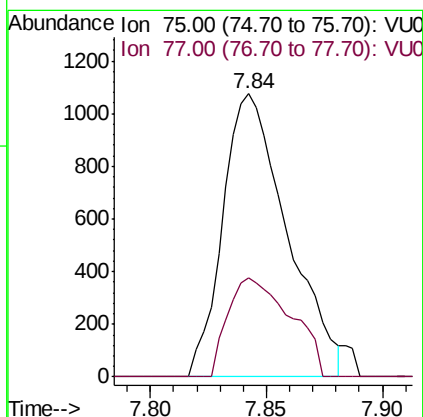
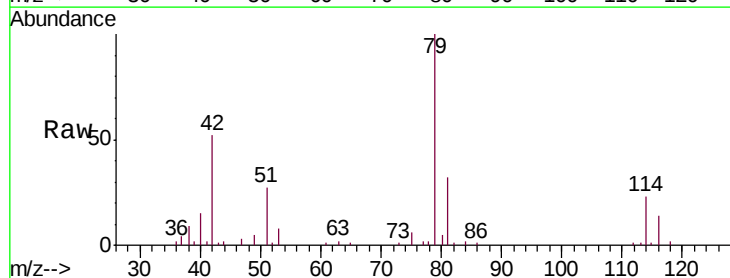
Instrument :
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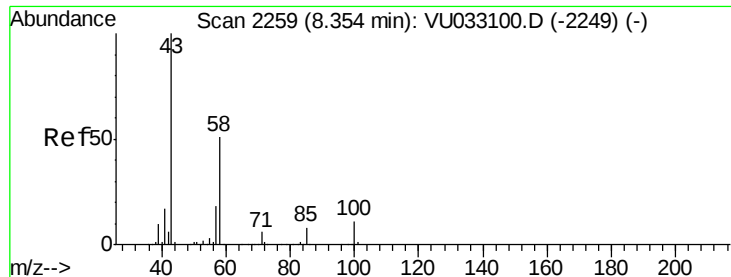
Tgt Ion: 75 Resp: 2721
 Ion Ratio Lower Upper
 75 100
 77 45.4 21.9 40.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.928 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU033102.D
 Acq: 01 Jul 2019 10:08

Tgt Ion: 75 Resp: 2072
 Ion Ratio Lower Upper
 75 100
 77 35.1 21.8 40.4

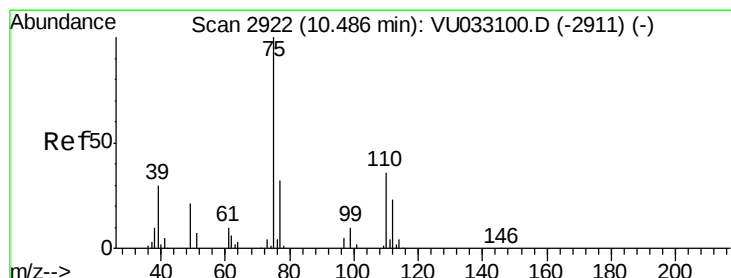
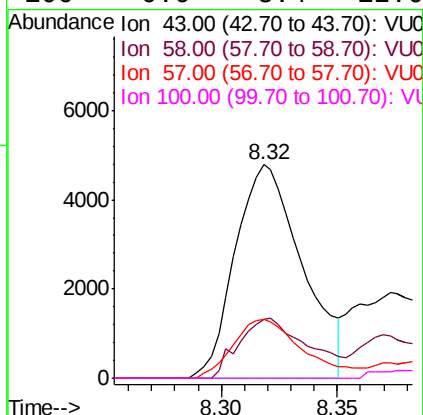
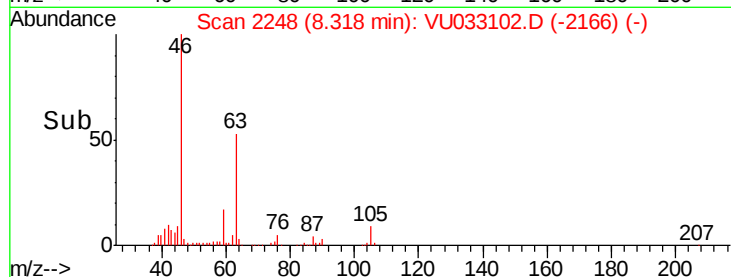
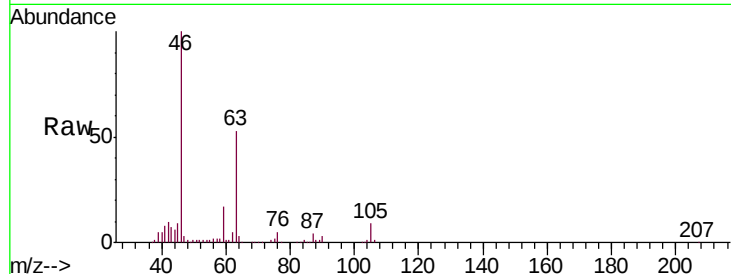




#48
2-Hexanone
Concen: 4.477 ug/L
RT: 8.32 min Scan# 2248
Delta R.T. -0.04 min
Lab File: VU033102.D
Acq: 01 Jul 2019 10:08

Instrument :
MSVOA_U
ClientSampleId :
GAM21

Tgt Ion: 43 Resp: 9617
Ion Ratio Lower Upper
43 100
58 29.4 40.2 60.2#
57 28.7 14.2 21.4#
100 0.0 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 6.252 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033102.D
Acq: 01 Jul 2019 10:08

Tgt Ion: 75 Resp: 12725
Ion Ratio Lower Upper
75 100
77 37.8 25.5 38.3

