

Data File : VU033103.D
Acq On : 01 Jul 2019 10:31
Operator : JC/SP
Sample : K3599-13
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM22

Quant Time: Jul 02 04:19:25 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	199332	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	201221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99546	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54901	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.64	69	40564	37.34	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.68%
11) 1,1-Dichloroethene-d2	2.22	63	97998	35.71	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
21) 2-Butanone-d5	4.19	46	129392	114.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.12%
24) Chloroform-d	4.63	84	132076	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
26) 1,2-Dichloroethane-d4	5.30	65	94444	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.08%
32) Benzene-d6	5.32	84	251993	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
36) 1,2-Dichloropropane-d6	6.32	67	84024	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.56	98	225801	45.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.94%
43) trans-1,3-Dichloropropene-	7.85	79	41019	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
47) 2-Hexanone-d5	8.32	63	79484	101.87	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	135247	52.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	94437	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1407	0.771	ug/L	96
6) Bromomethane	1.60	94	755	0.709	ug/L	83
13) Acetone	2.34	43	1531	0.978	ug/L	75
22) 2-Butanone	4.28	43	17792	10.961	ug/L	88
37) 1,2-Dichloropropane	6.32	63	10220	6.427	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2972	1.200	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	2252	0.968	ug/L	88
46) Tetrachloroethene	8.22	164	21647	17.057	ug/L	96
48) 2-Hexanone	8.32	43	11079	4.946	ug/L #	71
49) Dibromochloromethane	8.22	129	21114	11.834	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	13459	6.343	ug/L	91

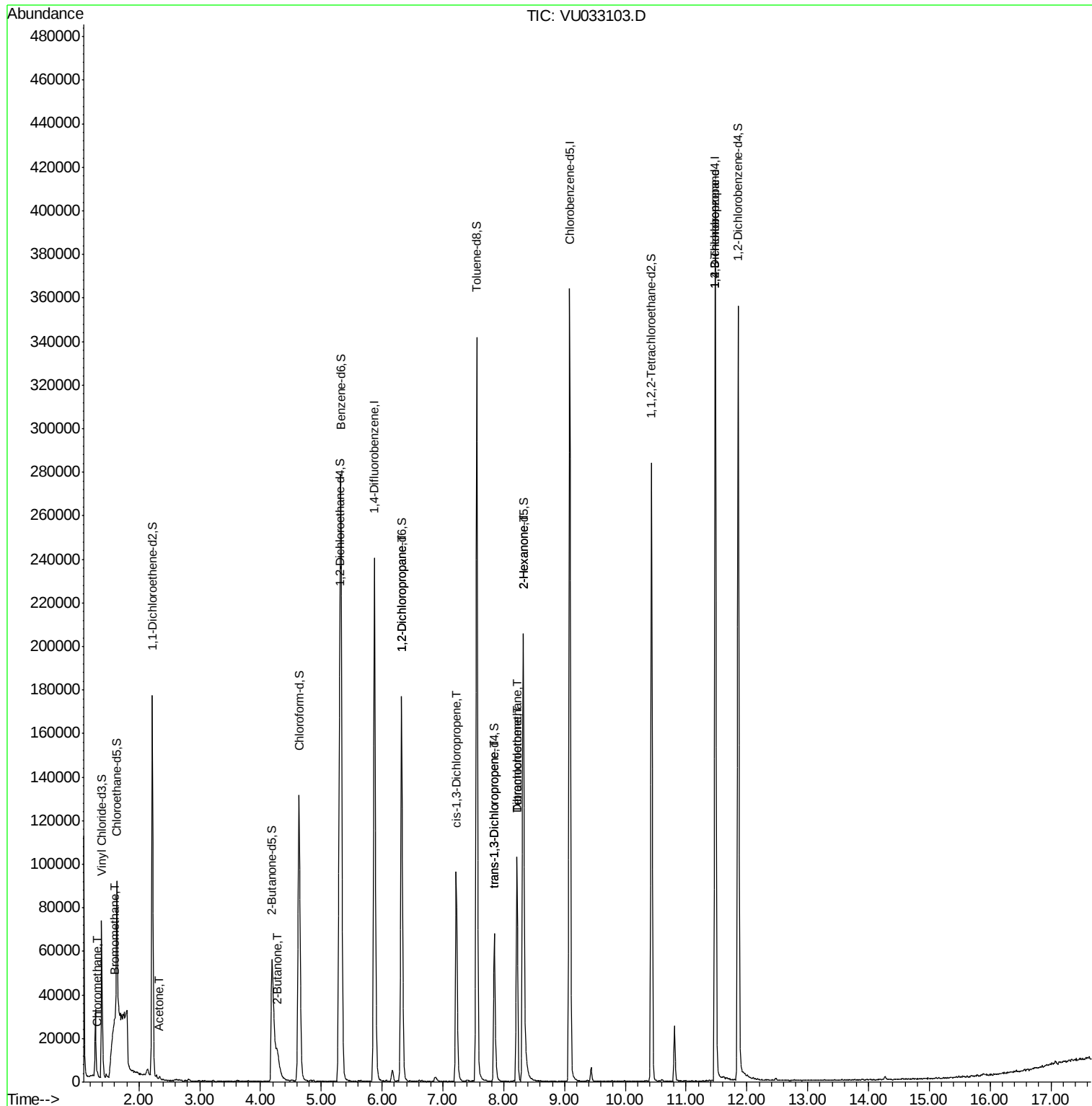
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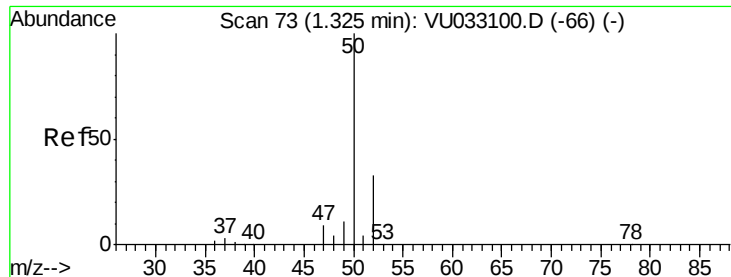
Data File : VU033103.D

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.771 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU033103.D

Acq: 01 Jul 2019 10:31

Instrument :

MSVOA_U

ClientSampleId :

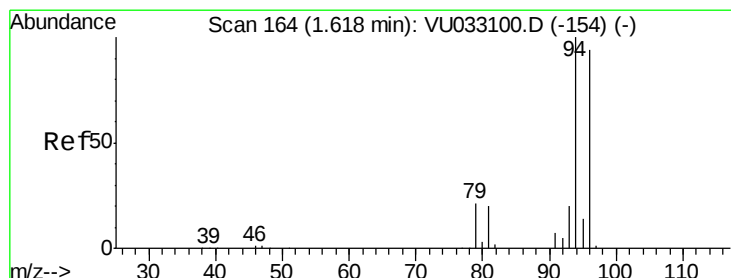
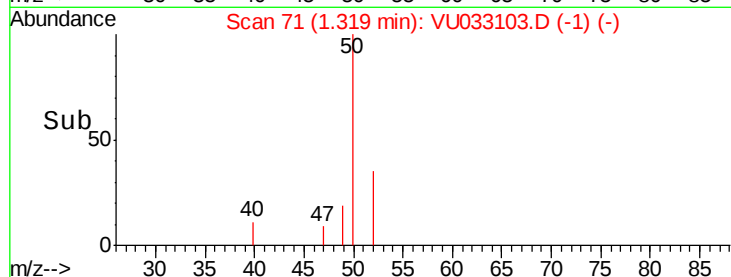
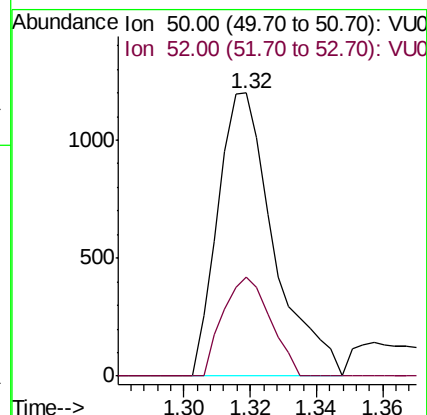
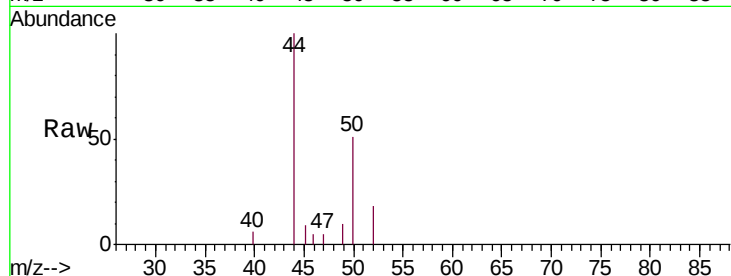
GAM22

Tgt Ion: 50 Resp: 1407

Ion Ratio Lower Upper

50 100

52 34.9 23.0 42.6



#6

Bromomethane

Concen: 0.709 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.02 min

Lab File: VU033103.D

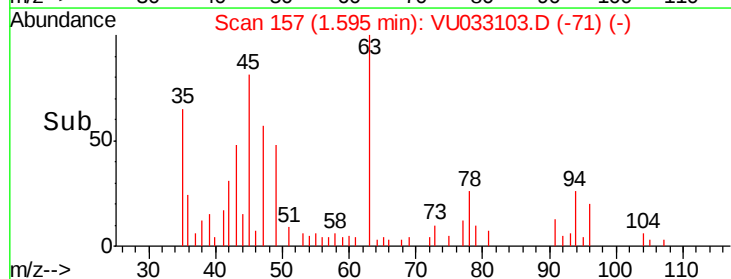
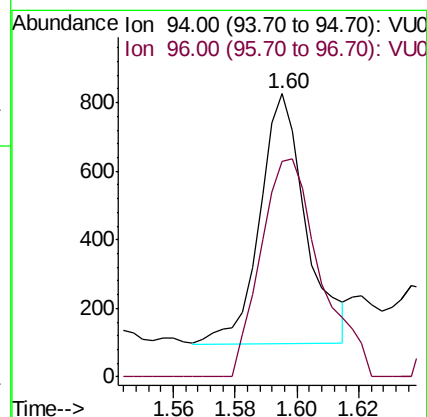
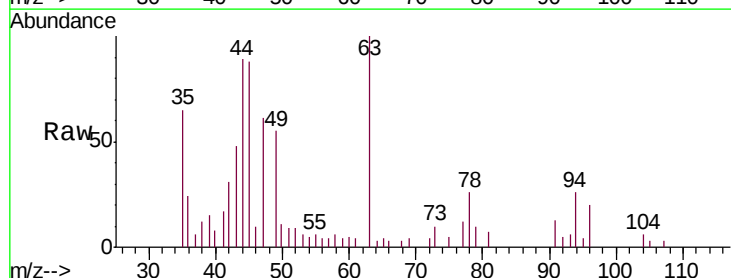
Acq: 01 Jul 2019 10:31

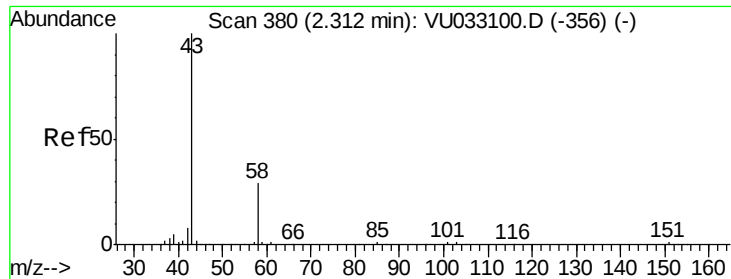
Tgt Ion: 94 Resp: 755

Ion Ratio Lower Upper

94 100

96 76.3 64.8 120.4





#13

Acetone

Concen: 0.978 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.03 min

Lab File: VU033103.D

Acq: 01 Jul 2019 10:31

Instrument :

MSVOA_U

ClientSampleId :

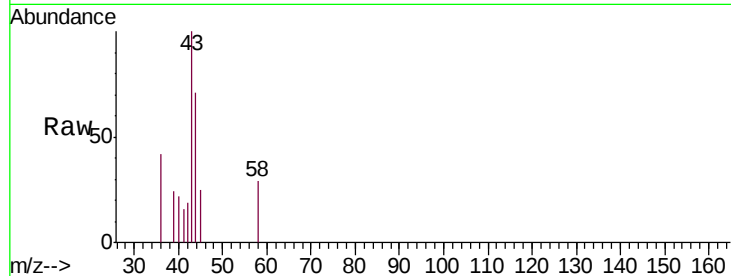
GAM22

Tgt Ion: 43 Resp: 1531

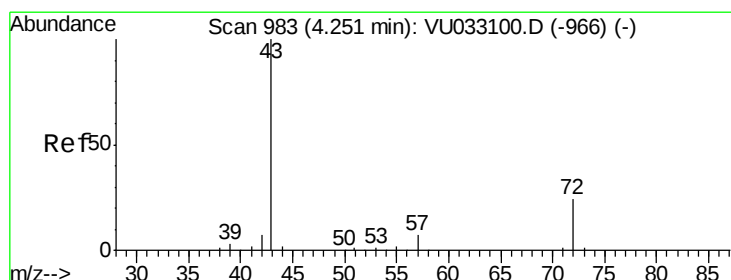
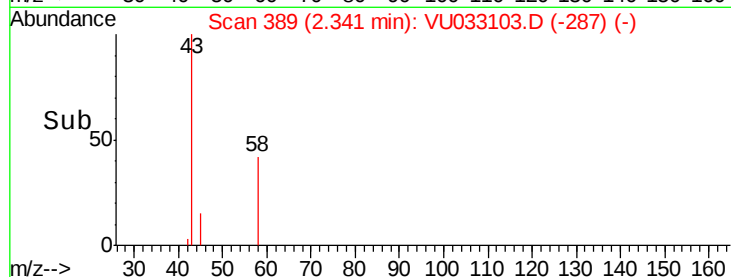
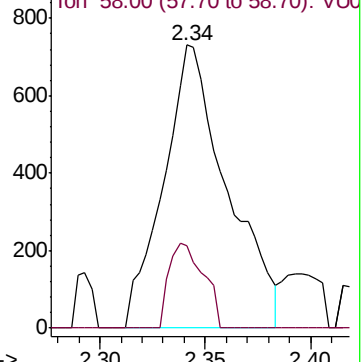
Ion Ratio Lower Upper

43 100

58 16.5 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU033100.D (-356) (-)



#22

2-Butanone

Concen: 10.961 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.03 min

Lab File: VU033103.D

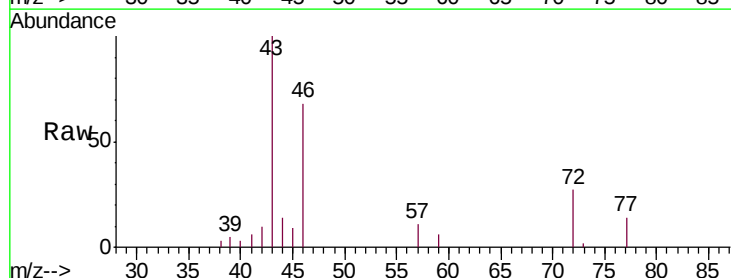
Acq: 01 Jul 2019 10:31

Tgt Ion: 43 Resp: 17792

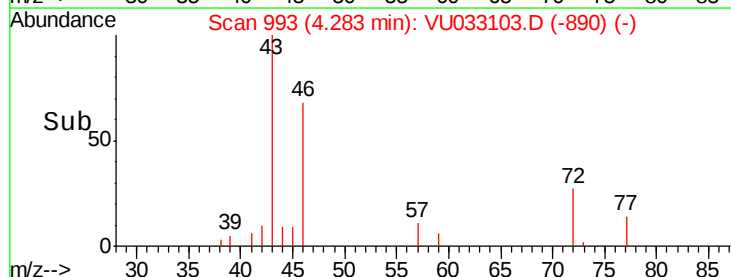
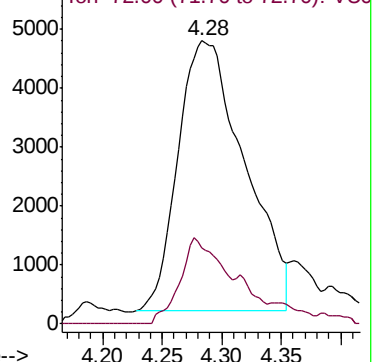
Ion Ratio Lower Upper

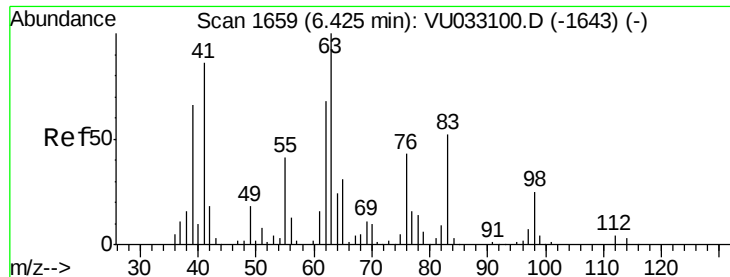
43 100

72 19.5 12.9 38.6



Abundance Ion 43.00 (42.70 to 43.70): VU033100.D (-966) (-)

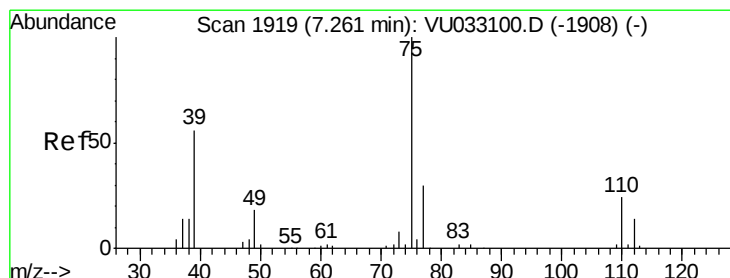
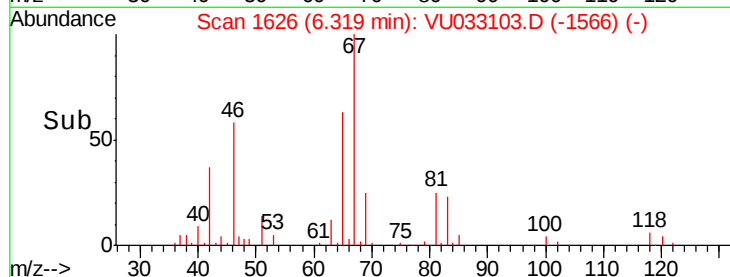
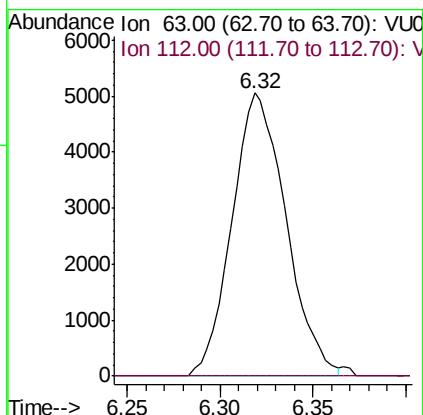
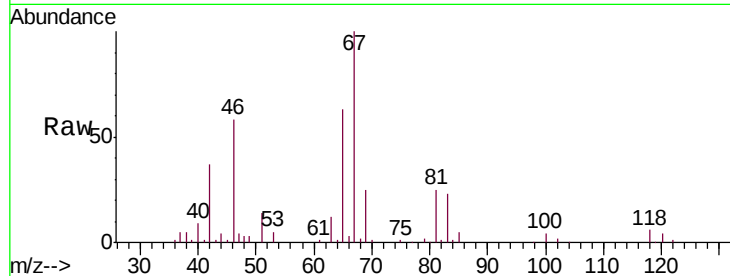




#37
 1,2-Dichloropropane
 Concen: 6.427 ug/L
 RT: 6.32 min Scan# 1626
 Delta R.T. -0.11 min
 Lab File: VU033103.D
 Acq: 01 Jul 2019 10:31

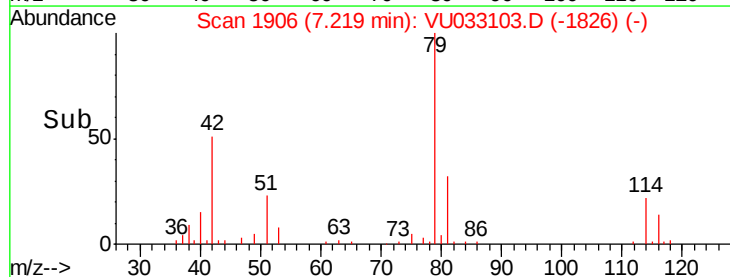
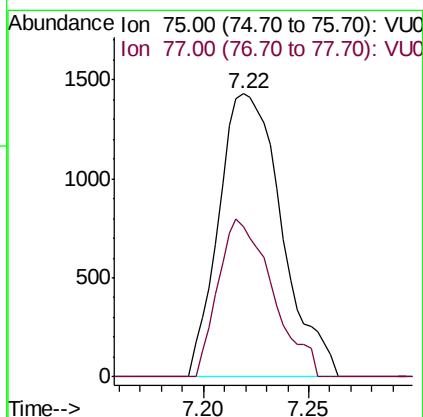
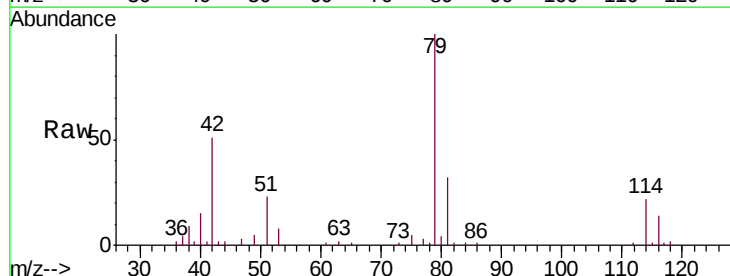
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM22

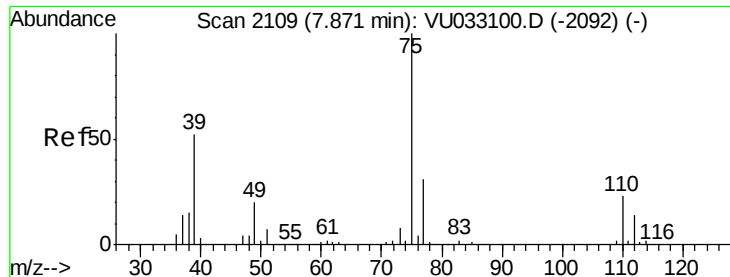
Tgt Ion: 63 Resp: 10220
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.200 ug/L
 RT: 7.22 min Scan# 1906
 Delta R.T. -0.04 min
 Lab File: VU033103.D
 Acq: 01 Jul 2019 10:31

Tgt Ion: 75 Resp: 2972
 Ion Ratio Lower Upper
 75 100
 77 53.3 21.9 40.7#





#44

trans-1,3-Dichloropropene

Concen: 0.968 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU033103.D

Acq: 01 Jul 2019 10:31

Instrument :

MSVOA_U

ClientSampled :

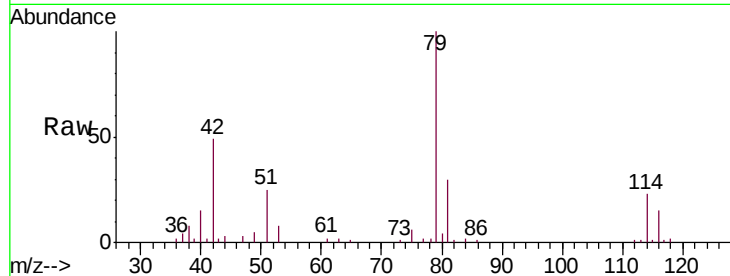
GAM22

Tgt Ion: 75 Resp: 2252

Ion Ratio Lower Upper

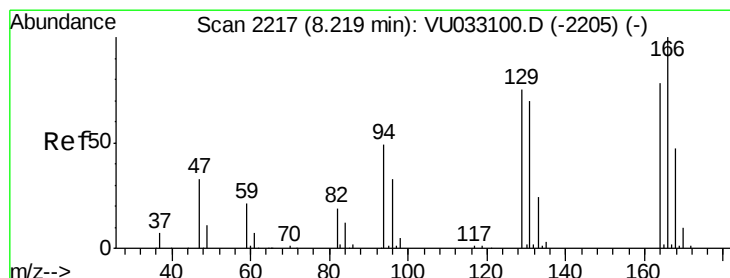
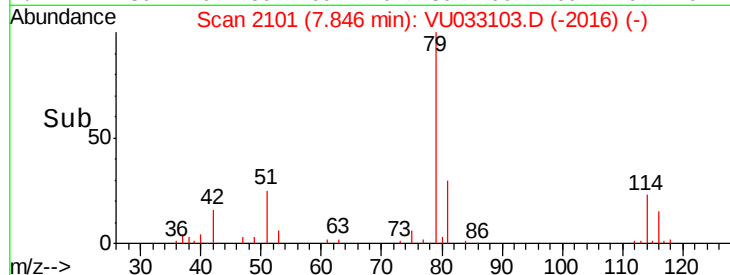
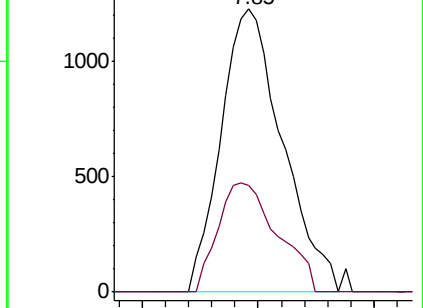
75 100

77 37.6 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU033103.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU033103.D (-2092) (-)



#46

Tetrachloroethene

Concen: 17.057 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. 0.00 min

Lab File: VU033103.D

Acq: 01 Jul 2019 10:31

Tgt Ion: 164 Resp: 21647

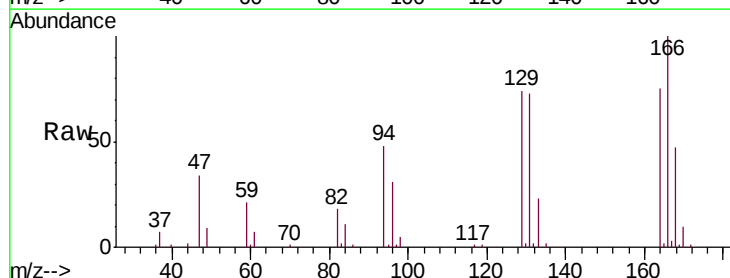
Ion Ratio Lower Upper

164 100

129 98.2 64.8 120.3

131 96.3 64.5 119.7

166 132.6 91.3 169.6

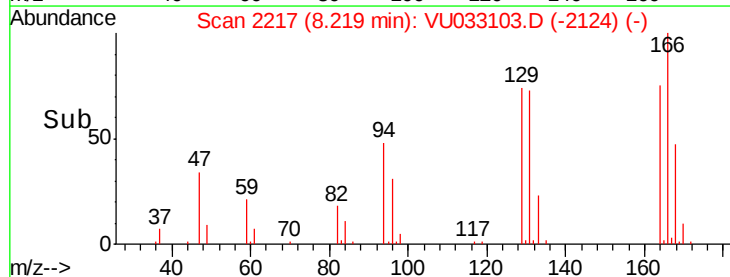
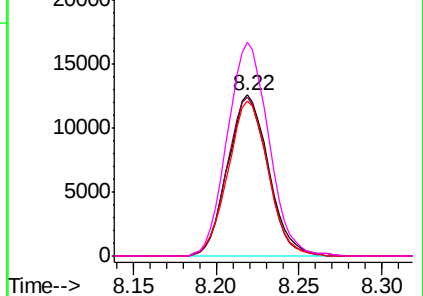


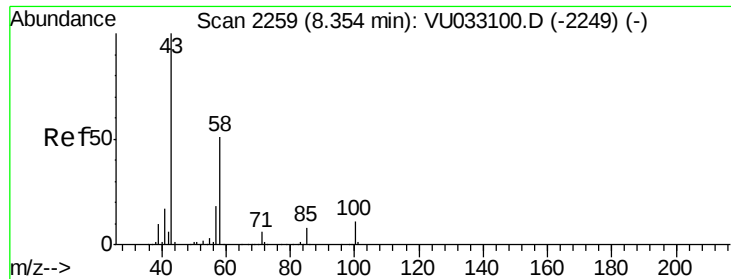
Abundance Ion 164.00 (163.70 to 164.70): VU033103.D (-2124) (-)

Ion 129.00 (128.70 to 129.70): VU033103.D (-2124) (-)

Ion 131.00 (130.70 to 131.70): VU033103.D (-2124) (-)

Ion 166.00 (165.70 to 166.70): VU033103.D (-2124) (-)

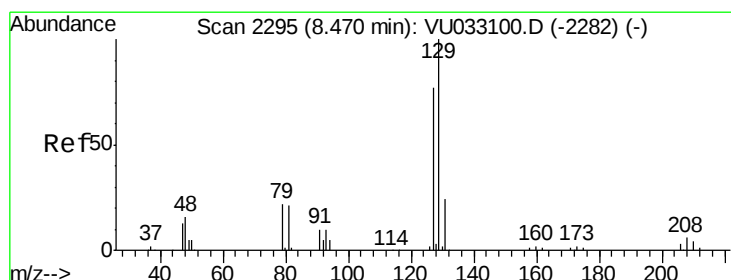
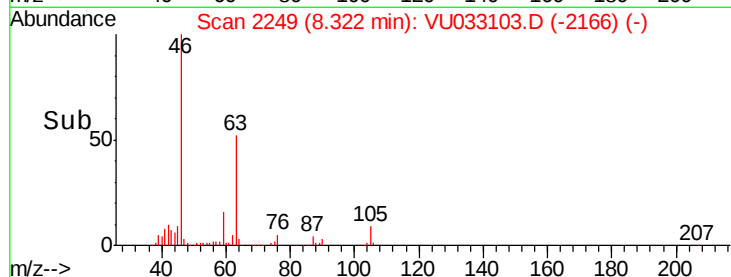
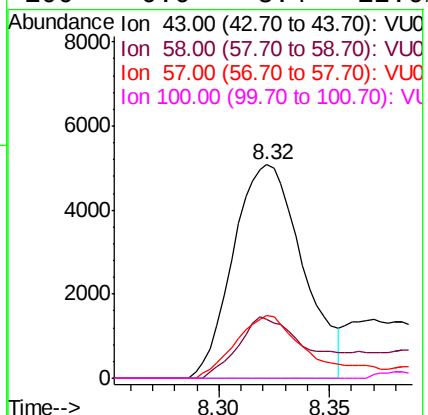
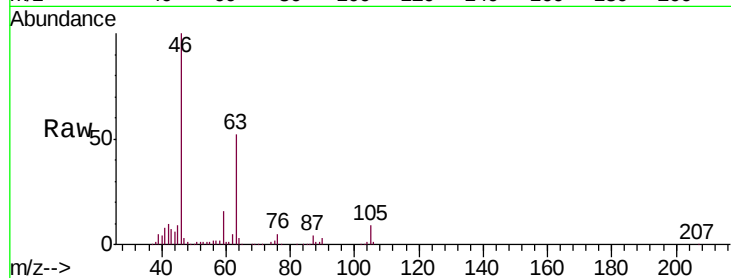




#48
2-Hexanone
Concen: 4.946 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.03 min
Lab File: VU033103.D
Acq: 01 Jul 2019 10:31

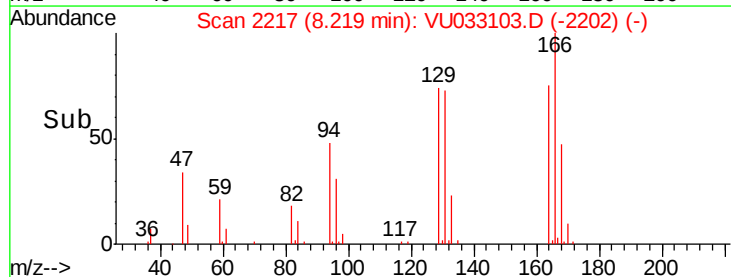
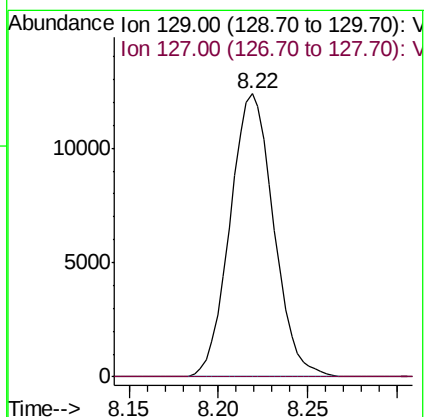
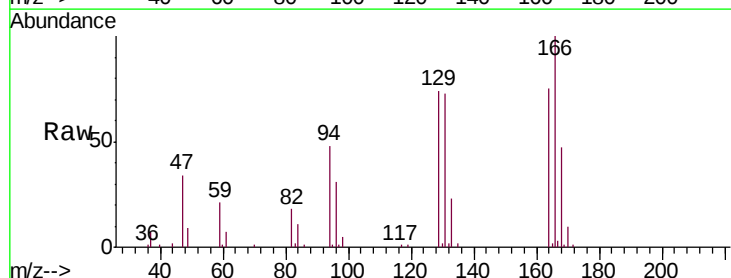
Instrument :
MSVOA_U
ClientSampleId :
GAM22

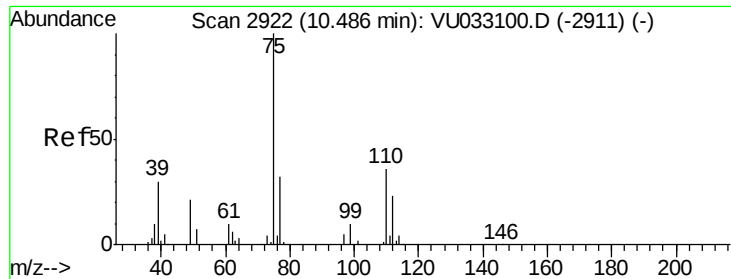
Tgt Ion: 43 Resp: 11079
Ion Ratio Lower Upper
43 100
58 28.9 40.2 60.2#
57 28.1 14.2 21.4#
100 0.0 8.4 12.6#



#49
Dibromochloromethane
Concen: 11.834 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033103.D
Acq: 01 Jul 2019 10:31

Tgt Ion: 129 Resp: 21114
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59

1,2,3-Trichloropropane

Concen: 6.343 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033103.D

Acq: 01 Jul 2019 10:31

Instrument :

MSVOA_U

ClientSampleId :

GAM22

Tgt Ion: 75 Resp: 13459

Ion Ratio Lower Upper

75 100

77 36.9 25.5 38.3

