

Data File : VU033107.D
Acq On : 01 Jul 2019 12:03
Operator : JC/SP
Sample : K3599-17
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM26

Quant Time: Jul 02 04:20:16 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	208501	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	210408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58658	41.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.34%
7) Chloroethane-d5	1.64	69	40326	35.48	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.96%
11) 1,1-Dichloroethene-d2	2.22	63	101549	35.38	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.76%
21) 2-Butanone-d5	4.19	46	139485	117.61	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.61%
24) Chloroform-d	4.63	84	139661	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
26) 1,2-Dichloroethane-d4	5.30	65	101901	55.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.46%
32) Benzene-d6	5.32	84	268145	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.32	67	88440	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.56	98	240709	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%
43) trans-1,3-Dichloropropene-	7.85	79	44273	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
47) 2-Hexanone-d5	8.32	63	85590	104.91	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142599	52.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	100154	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%

Target Compounds

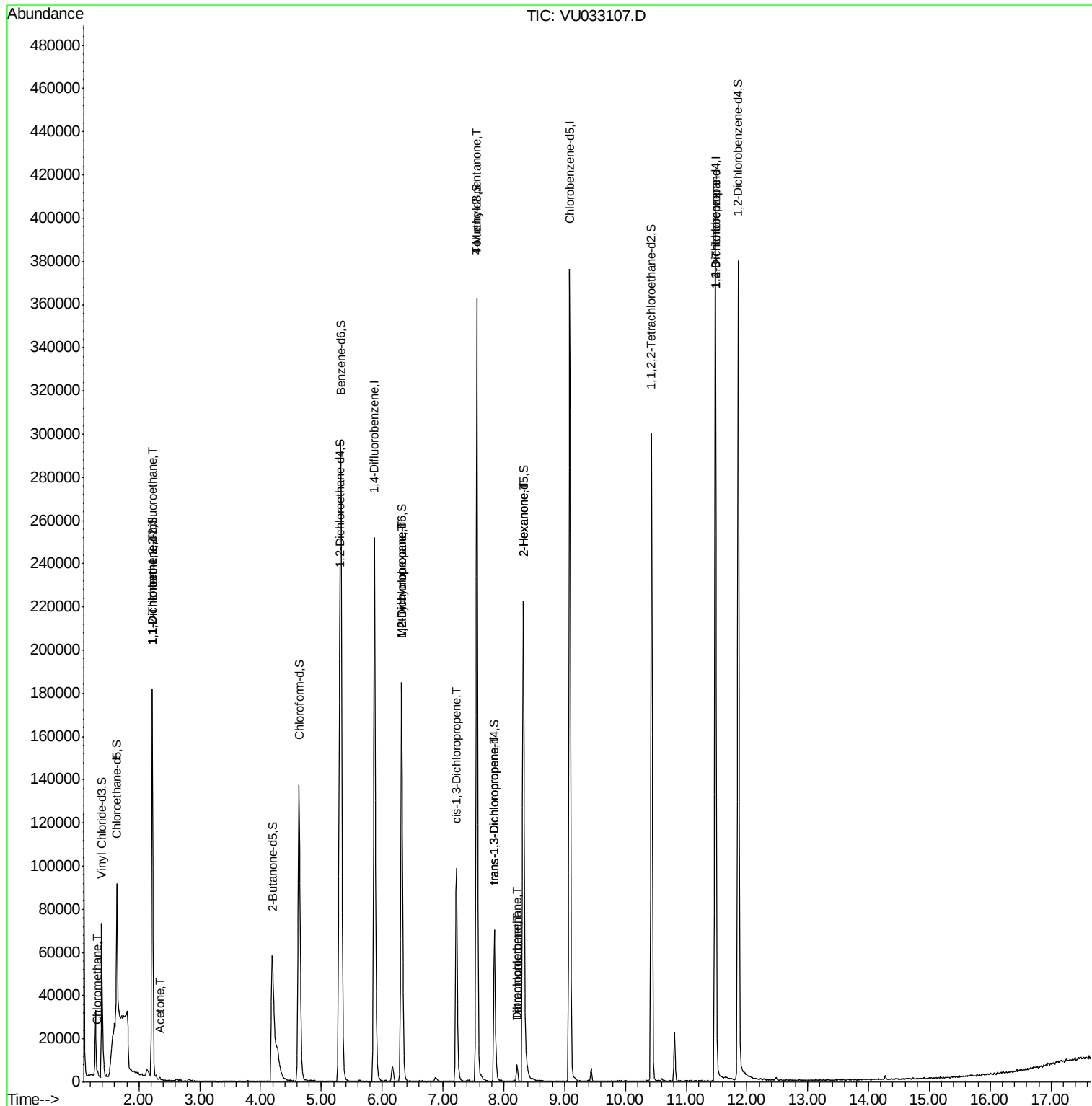
					Qvalue
3) Chloromethane	1.32	50	1434	0.751 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	791	0.568 ug/L #	17
12) 1,1-Dichloroethene	2.22	96	777	0.592 ug/L #	1
13) Acetone	2.35	43	1234	0.753 ug/L	78
35) Methylcyclohexane	6.32	83	20510	8.193 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10727	6.452 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3092	1.194 ug/L #	67
40) 4-Methyl-2-pentanone	7.55	43	1362	0.513 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	2146	0.882 ug/L #	81
46) Tetrachloroethene	8.22	164	1879	1.416 ug/L	78
48) 2-Hexanone	8.32	43	13089	5.589 ug/L #	71
49) Dibromochloromethane	8.22	129	1516	0.813 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	13467	6.069 ug/L #	87

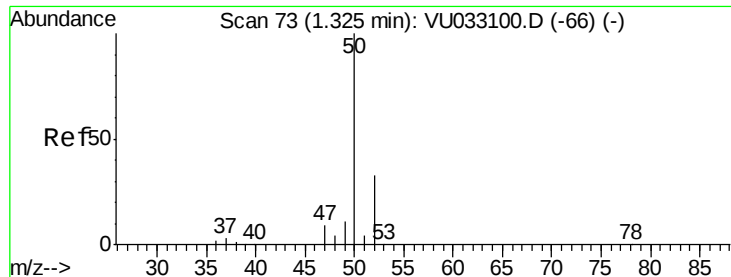
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.751 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU033107.D

Acq: 01 Jul 2019 12:03

Instrument :

MSVOA_U

ClientSampleId :

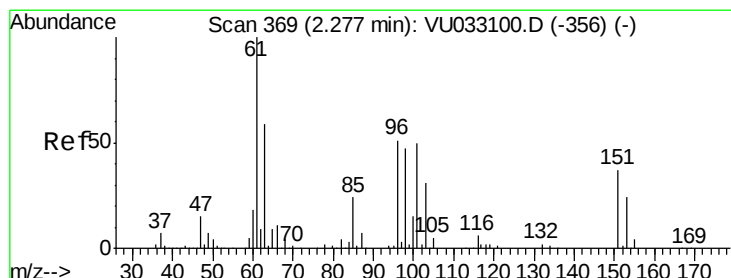
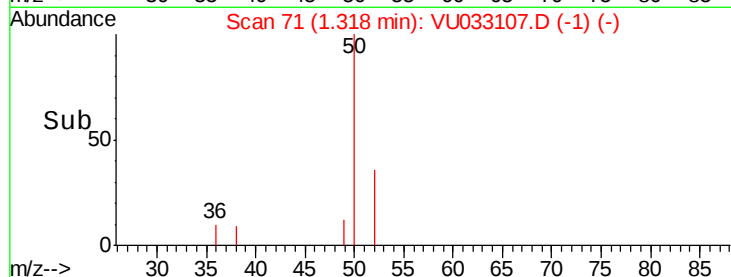
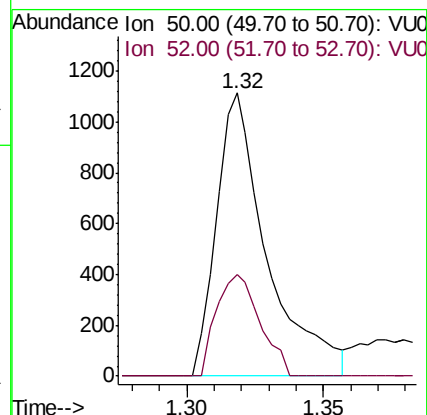
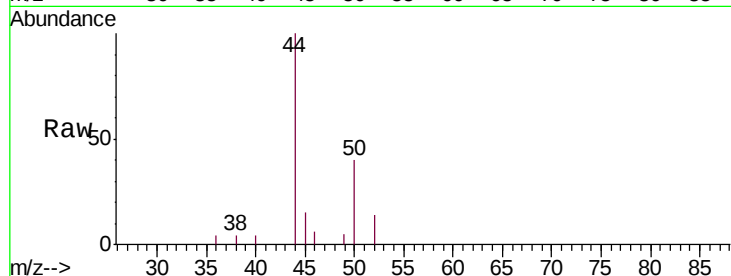
GAM26

Tgt Ion: 50 Resp: 1434

Ion Ratio Lower Upper

50 100

52 35.8 23.0 42.6



#10

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

Concen: 0.568 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.06 min

Lab File: VU033107.D

Acq: 01 Jul 2019 12:03

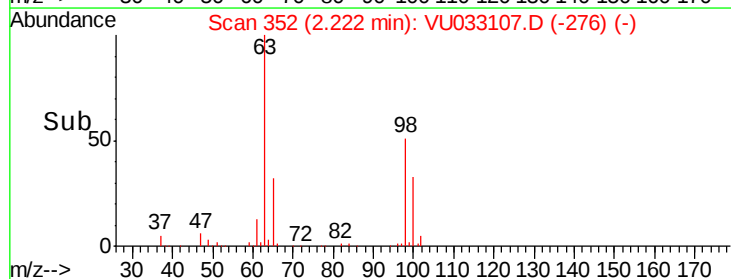
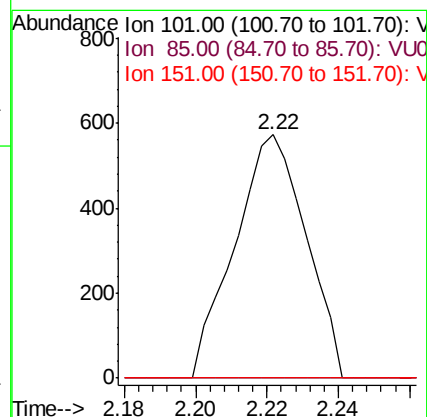
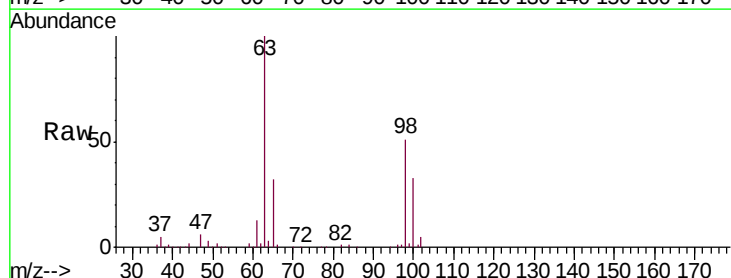
Tgt Ion: 101 Resp: 791

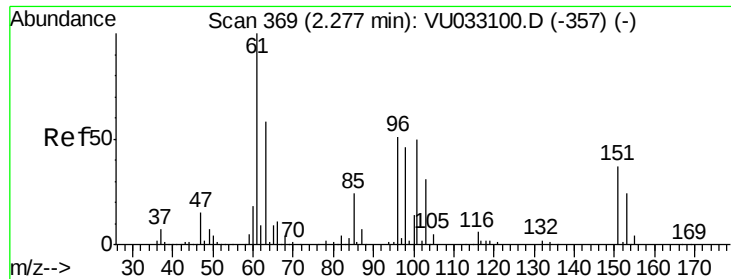
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 63.6 95.4#

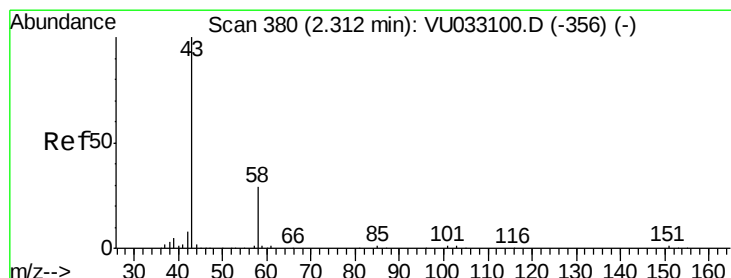
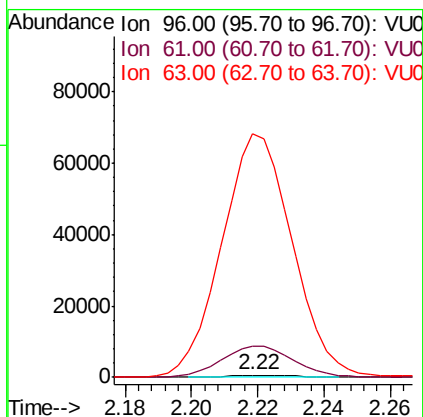
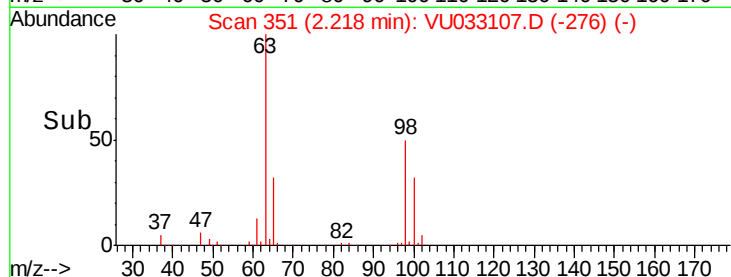
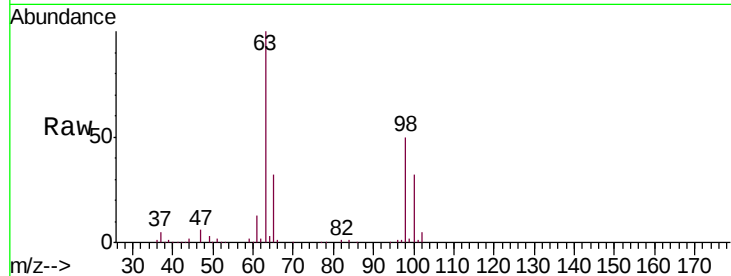




#12
 1,1-Dichloroethene
 Concen: 0.592 ug/L
 RT: 2.22 min Scan# 351
 Delta R.T. -0.06 min
 Lab File: VU033107.D
 Acq: 01 Jul 2019 12:03

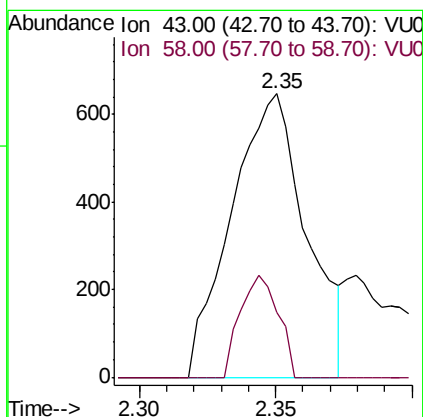
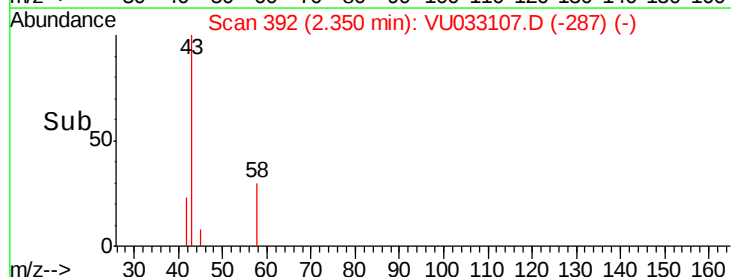
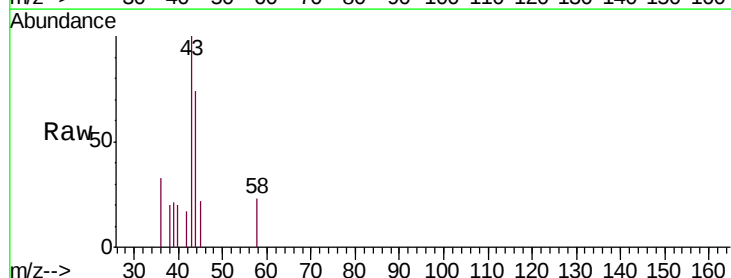
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM26

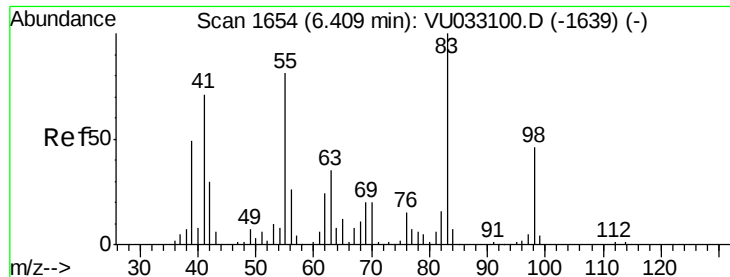
Tgt Ion: 96 Resp: 777
 Ion Ratio Lower Upper
 96 100
 61 1784.1 131.0 243.4#
 63 13890.0 101.0 187.6#



#13
 Acetone
 Concen: 0.753 ug/L
 RT: 2.35 min Scan# 392
 Delta R.T. 0.04 min
 Lab File: VU033107.D
 Acq: 01 Jul 2019 12:03

Tgt Ion: 43 Resp: 1234
 Ion Ratio Lower Upper
 43 100
 58 18.2 0.0 60.6





#35

Methylcyclohexane

Concen: 8.193 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.09 min

Lab File: VU033107.D

Acq: 01 Jul 2019 12:03

Instrument :

MSVOA_U

ClientSampleId :

GAM26

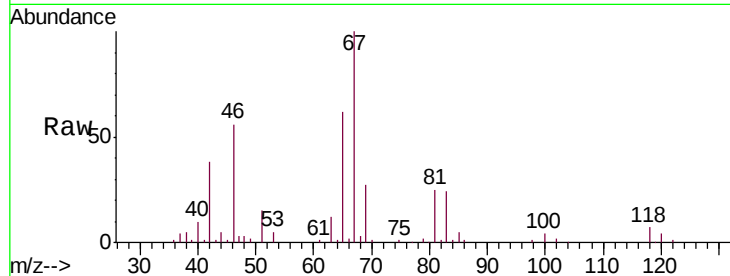
Tgt Ion: 83 Resp: 20510

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

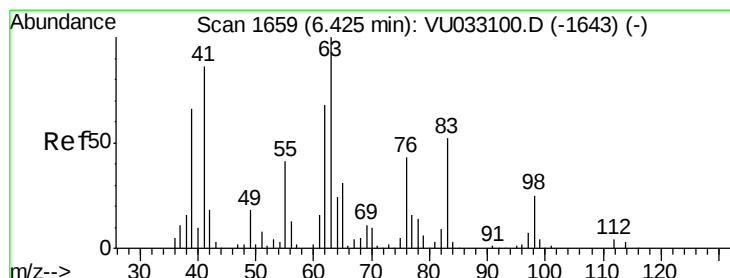
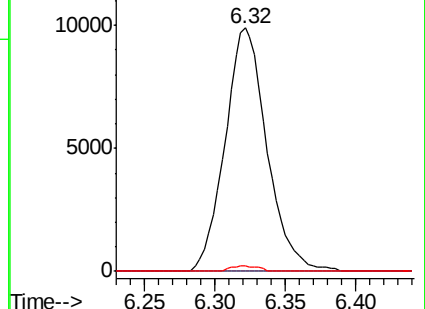
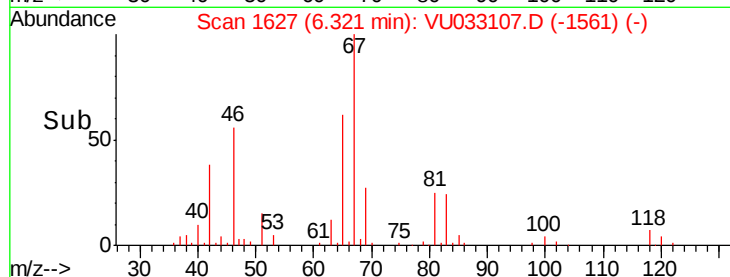
98 1.5 37.4 56.0#



Abundance Ion 83.00 (82.70 to 83.70): VU033107.D (-1561) (-)

Ion 55.00 (54.70 to 55.70): VU033107.D (-1561) (-)

Ion 98.00 (97.70 to 98.70): VU033107.D (-1561) (-)



#37

1,2-Dichloropropane

Concen: 6.452 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU033107.D

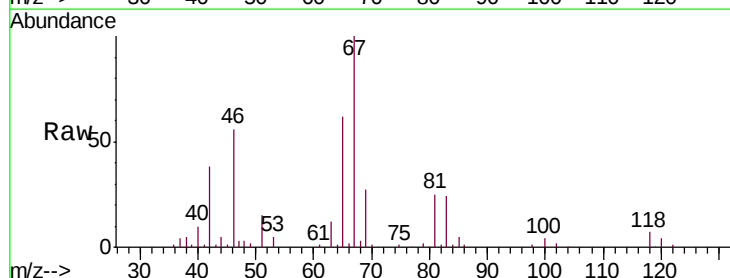
Acq: 01 Jul 2019 12:03

Tgt Ion: 63 Resp: 10727

Ion Ratio Lower Upper

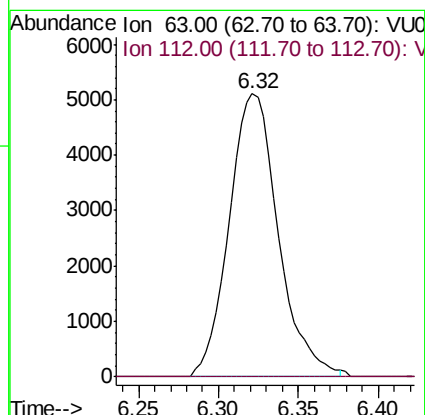
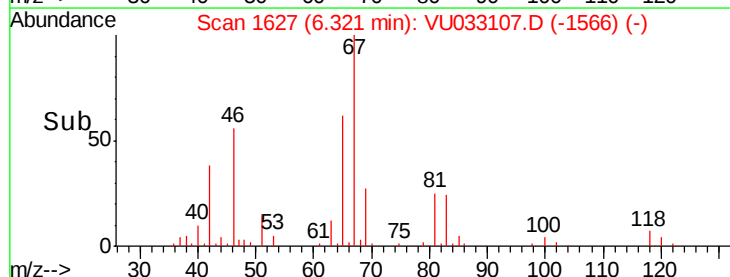
63 100

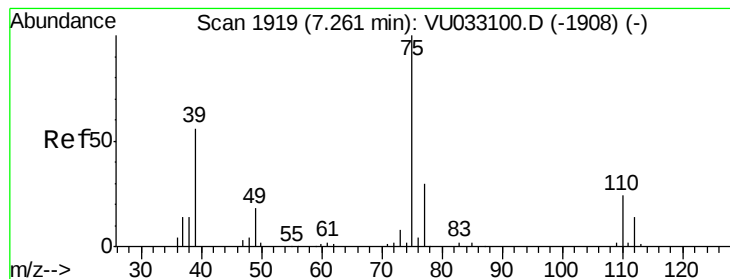
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU033107.D (-1566) (-)

Ion 112.00 (111.70 to 112.70): VU033107.D (-1566) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.194 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU033107.D

Acq: 01 Jul 2019 12:03

Instrument :

MSVOA_U

ClientSampleId :

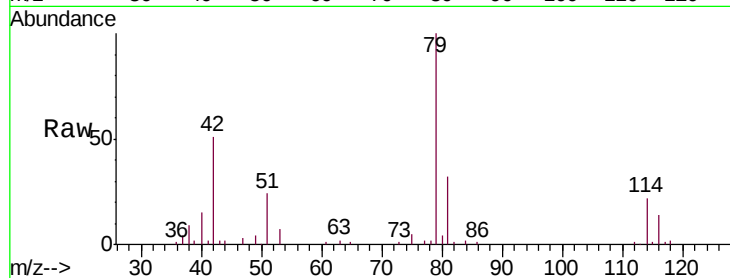
GAM26

Tgt Ion: 75 Resp: 3092

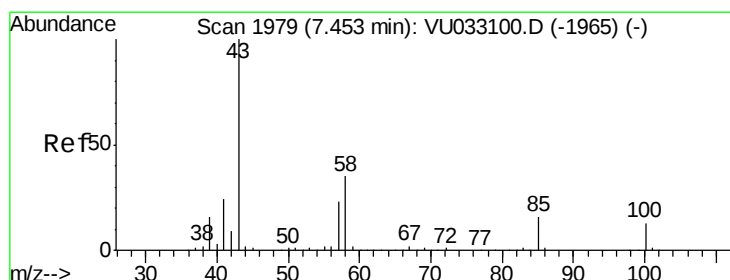
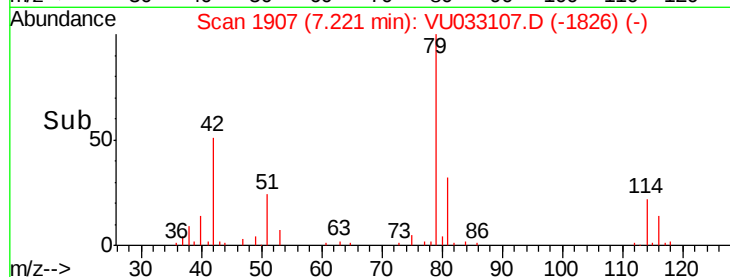
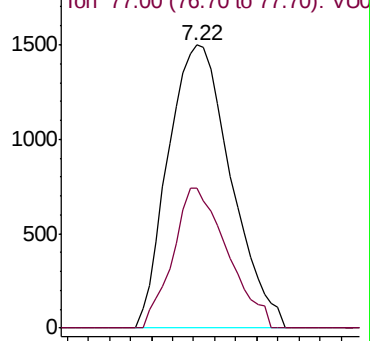
Ion Ratio Lower Upper

75 100

77 49.3 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VU033107.D (-1826) (-)



#40

4-Methyl-2-pentanone

Concen: 0.513 ug/L

RT: 7.55 min Scan# 2010

Delta R.T. 0.10 min

Lab File: VU033107.D

Acq: 01 Jul 2019 12:03

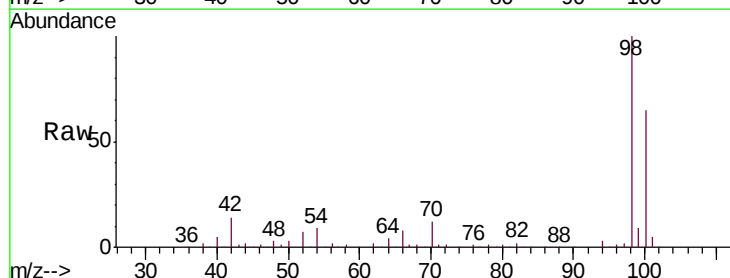
Tgt Ion: 43 Resp: 1362

Ion Ratio Lower Upper

43 100

58 166.8 29.4 44.2#

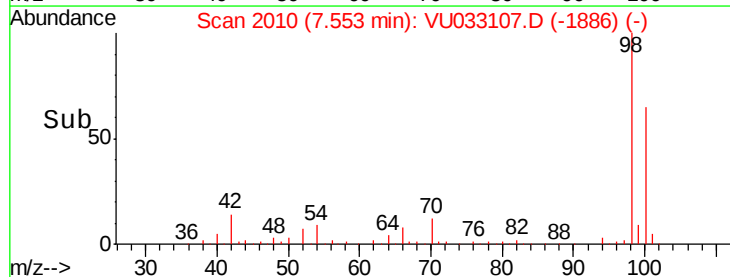
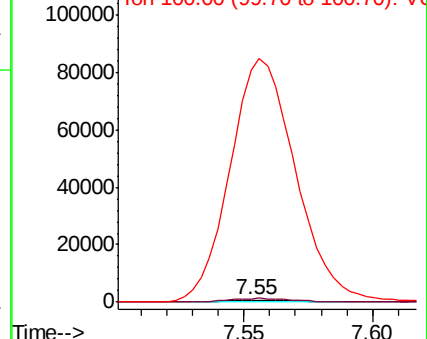
100 11154.8 11.2 16.8#

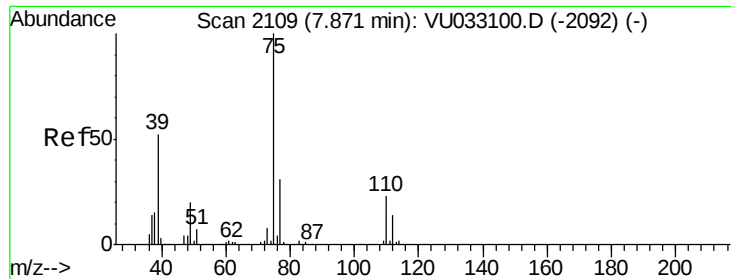


Abundance Ion 43.00 (42.70 to 43.70): VU033107.D (-1886) (-)

Ion 58.00 (57.70 to 58.70): VU033107.D (-1886) (-)

Ion 100.00 (99.70 to 100.70): VU033107.D (-1886) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.882 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU033107.D

Acq: 01 Jul 2019 12:03

Instrument :

MSVOA_U

ClientSampled :

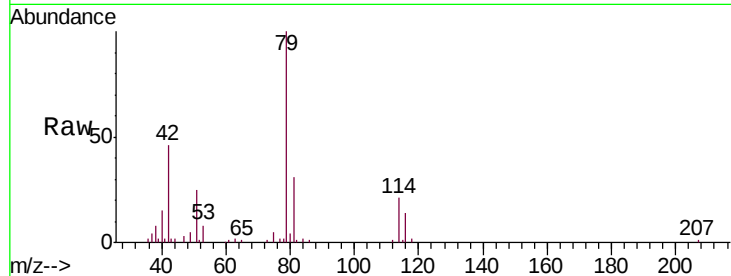
GAM26

Tgt Ion: 75 Resp: 2146

Ion Ratio Lower Upper

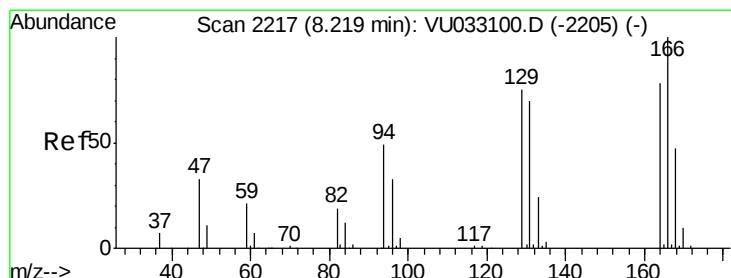
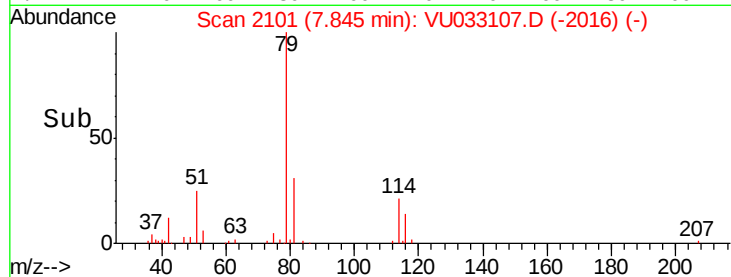
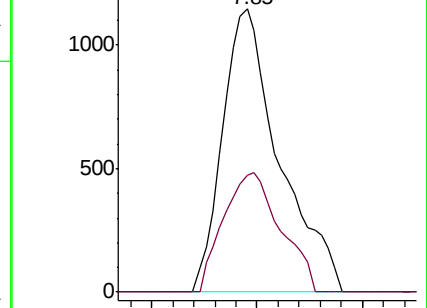
75 100

77 41.6 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VU033107.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU033107.D (-2101) (-)



#46

Tetrachloroethene

Concen: 1.416 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.01 min

Lab File: VU033107.D

Acq: 01 Jul 2019 12:03

Tgt Ion: 164 Resp: 1879

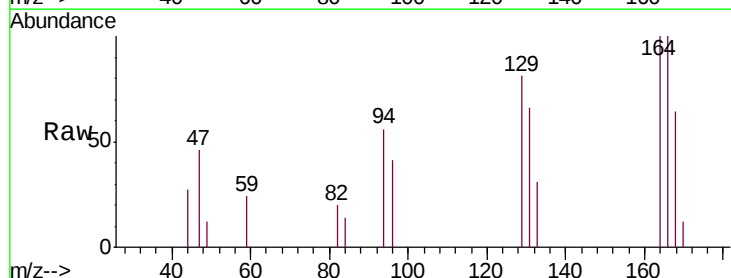
Ion Ratio Lower Upper

164 100

129 81.1 64.8 120.3

131 66.3 64.5 119.7

166 99.6 91.3 169.6

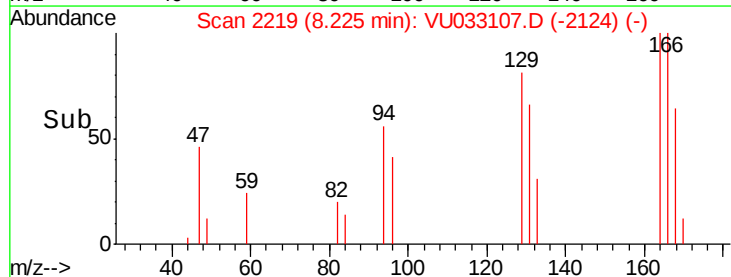
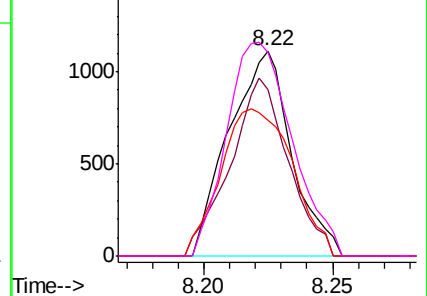


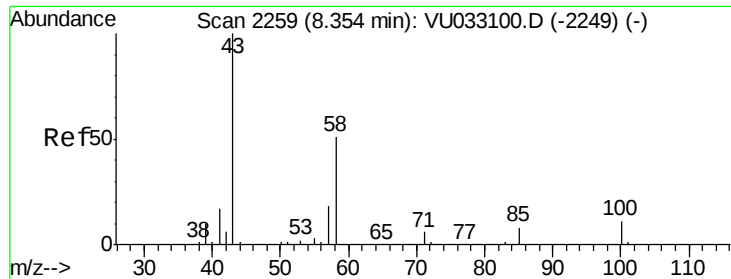
Abundance Ion 164.00 (163.70 to 164.70): VU033107.D (-2219) (-)

Ion 129.00 (128.70 to 129.70): VU033107.D (-2219) (-)

Ion 131.00 (130.70 to 131.70): VU033107.D (-2219) (-)

Ion 166.00 (165.70 to 166.70): VU033107.D (-2219) (-)

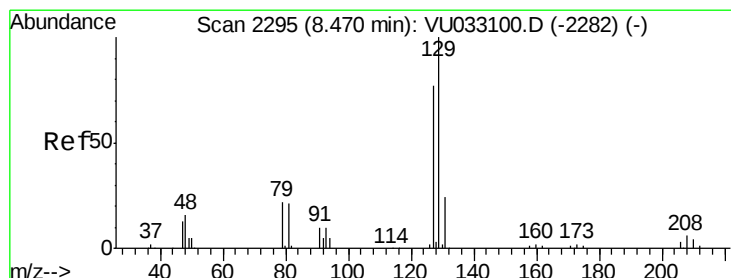
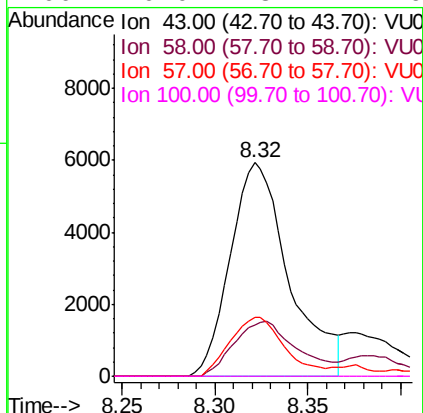
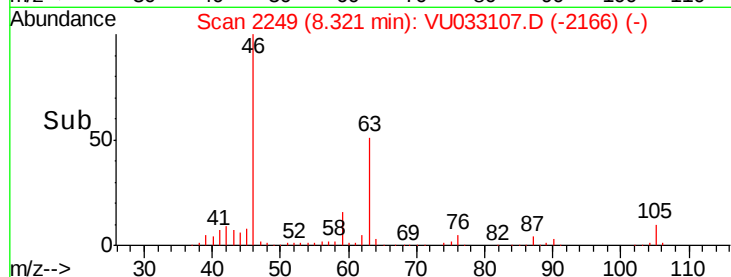
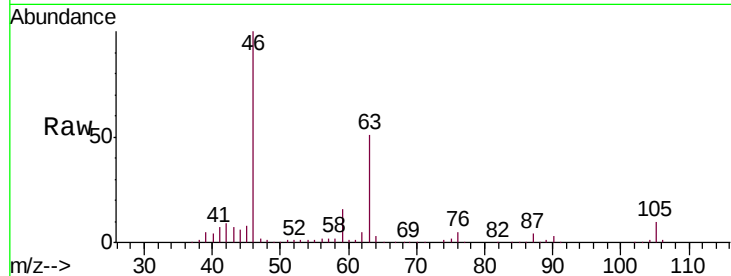




#48
2-Hexanone
Concen: 5.589 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.03 min
Lab File: VU033107.D
Acq: 01 Jul 2019 12:03

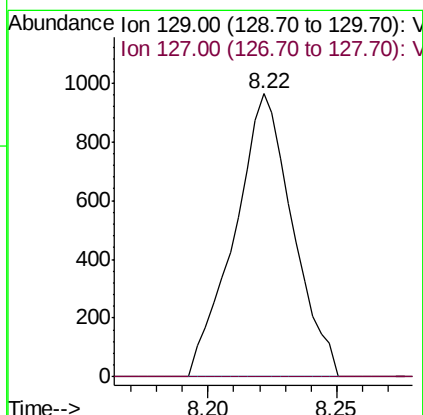
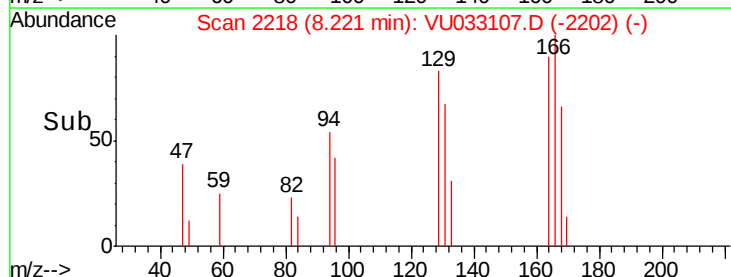
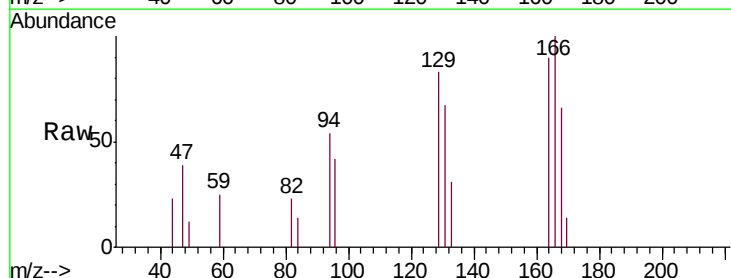
Instrument :
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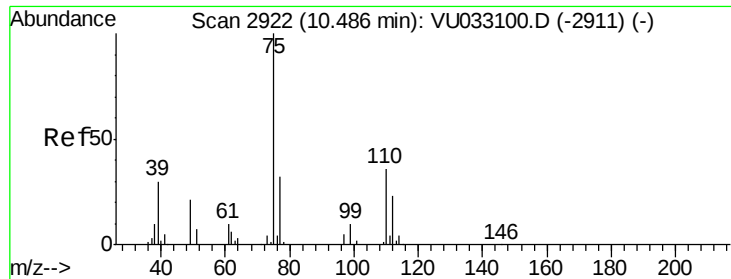
Tgt Ion:	43	Resp:	13089
Ion	Ratio	Lower	Upper
43	100		
58	27.2	40.2	60.2#
57	25.7	14.2	21.4#
100	0.0	8.4	12.6#



#49
Dibromochloromethane
Concen: 0.813 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU033107.D
Acq: 01 Jul 2019 12:03

Tgt Ion:	129	Resp:	1516
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59

1,2,3-Trichloropropane

Concen: 6.069 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033107.D

Acq: 01 Jul 2019 12:03

Instrument :

MSVOA_U

ClientSampleId :

GAM26

Tgt Ion: 75 Resp: 13467

Ion Ratio Lower Upper

75 100

77 39.0 25.5 38.3#

