

Data File : VU033145.D
Acq On : 02 Jul 2019 16:58
Operator : JC/SP
Sample : K3608-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAML7

Quant Time: Jul 03 02:19:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87992	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91996	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41801	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34319	6.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	134.80%#
7) Chloroethane-d5	1.68	69	28520	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.27	63	53924	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.19	46	97603	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.64	84	63962	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.30	65	37517	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.33	84	120486	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.32	67	39812	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.56	98	104704	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.85	79	15310	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.31	63	58284	44.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31841	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	42337	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

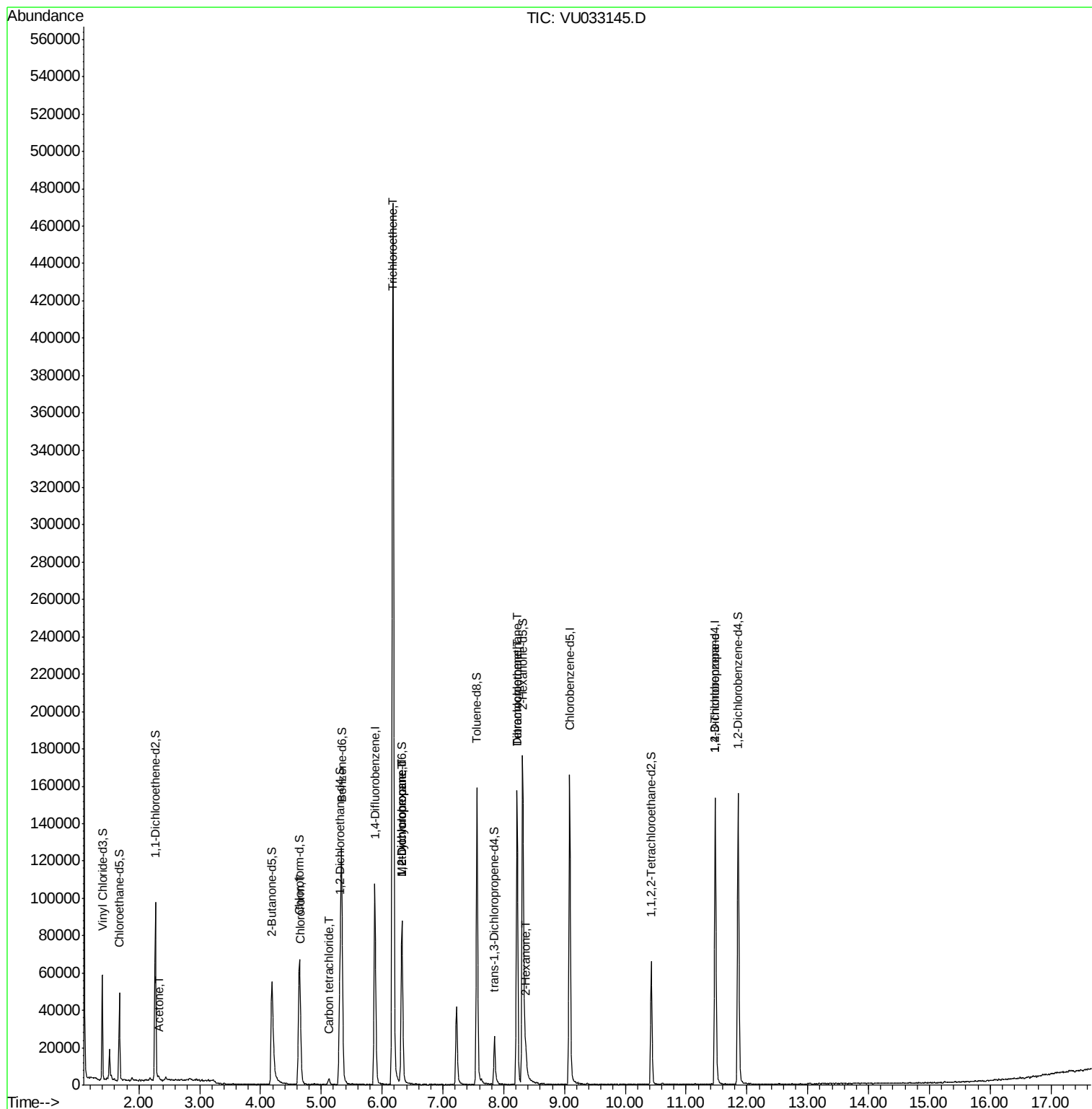
					Qvalue
13) Acetone	2.32	43	1923	1.290	ug/L 79
25) Chloroform	4.66	83	5153	0.366	ug/L 91
31) Carbon tetrachloride	5.13	117	2268	0.214	ug/L 93
34) Trichloroethene	6.18	95	160747	21.735	ug/L 98
35) Methylcyclohexane	6.32	83	9130	0.830	ug/L # 16
37) 1,2-Dichloropropane	6.32	63	4794	0.643	ug/L # 88
47) Tetrachloroethene	8.22	164	34508	5.617	ug/L 98
48) 2-Hexanone	8.37	43	9143	2.434	ug/L # 88
49) Dibromochloromethane	8.22	129	32807	5.015	ug/L # 13
59) 1,2,3-Trichloropropane	11.48	75	5784	1.140	ug/L 90

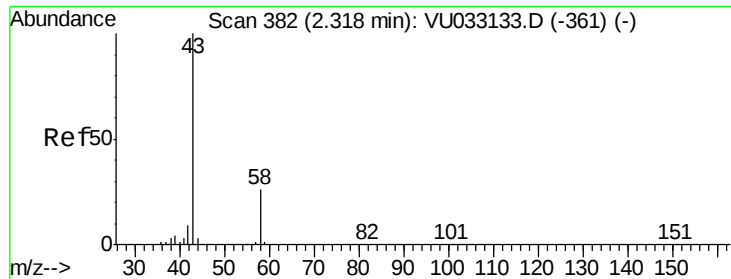
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.290 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Instrument :

MSVOA_U

ClientSampled :

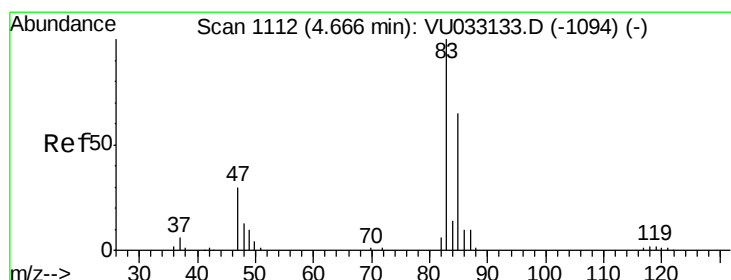
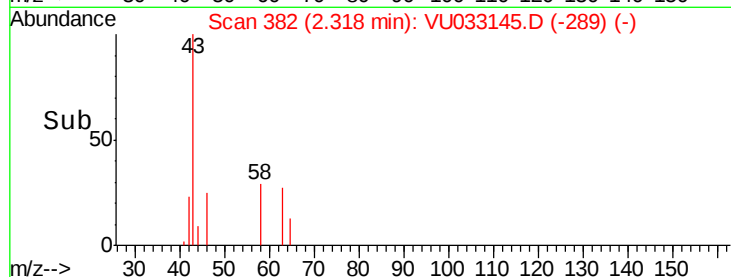
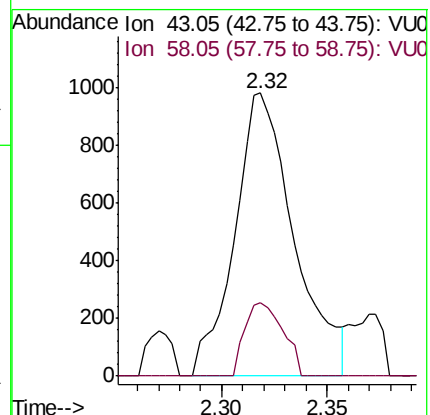
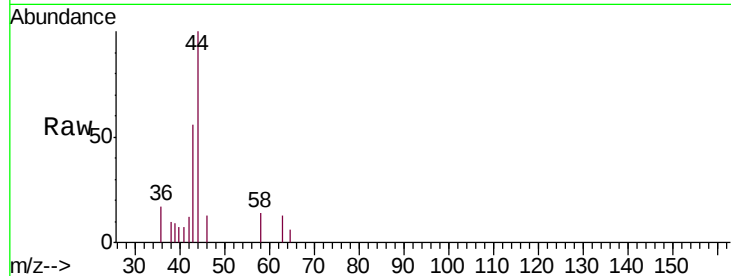
GAML7

Tgt Ion: 43 Resp: 1923

Ion Ratio Lower Upper

43 100

58 16.6 0.0 55.4



#25

Chloroform

Concen: 0.366 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU033145.D

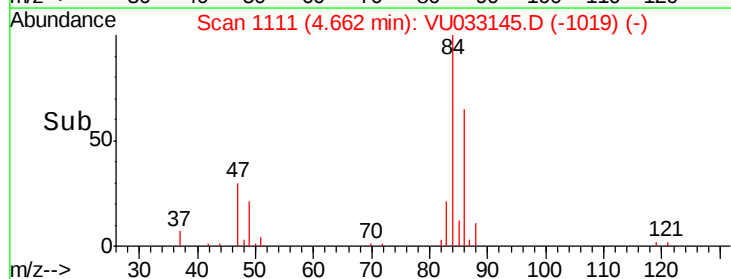
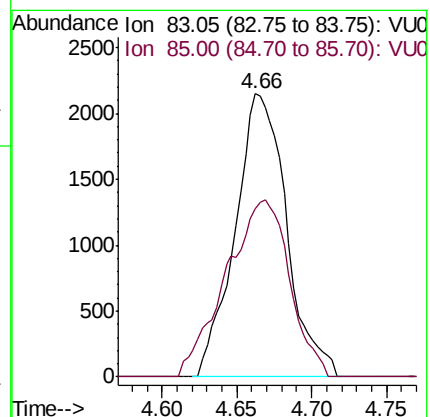
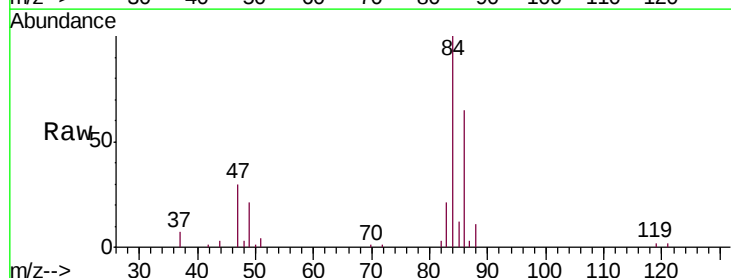
Acq: 02 Jul 2019 16:58

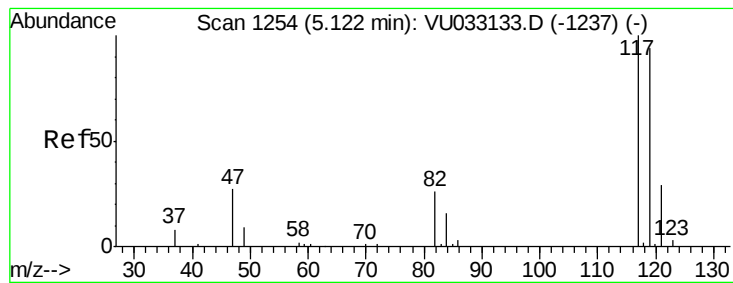
Tgt Ion: 83 Resp: 5153

Ion Ratio Lower Upper

83 100

85 59.6 46.6 86.6





#31

Carbon tetrachloride

Concen: 0.214 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

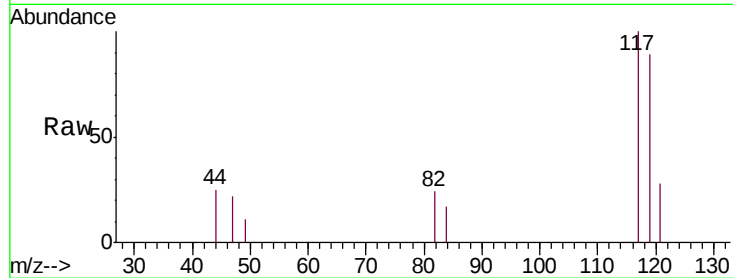
GAML7

Tgt Ion: 117 Resp: 2268

Ion Ratio Lower Upper

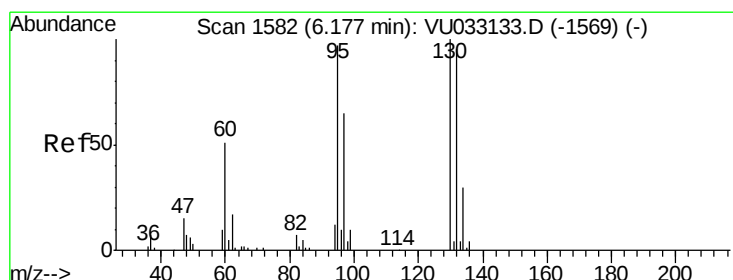
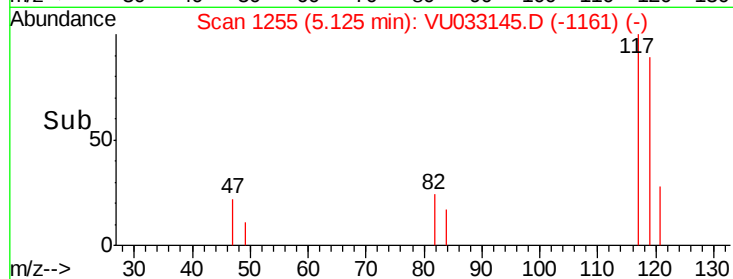
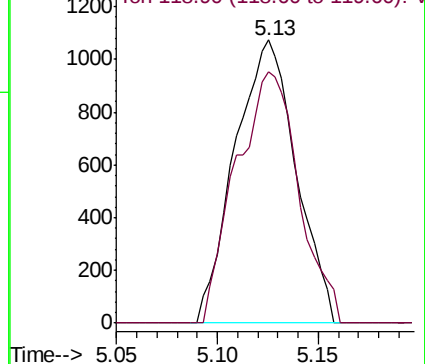
117 100

119 90.9 78.3 117.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 21.735 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Tgt Ion: 95 Resp: 160747

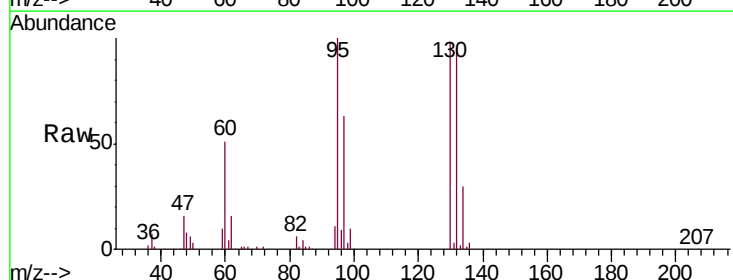
Ion Ratio Lower Upper

95 100

97 63.0 42.8 79.4

132 94.5 64.6 120.0

130 97.8 70.0 130.0

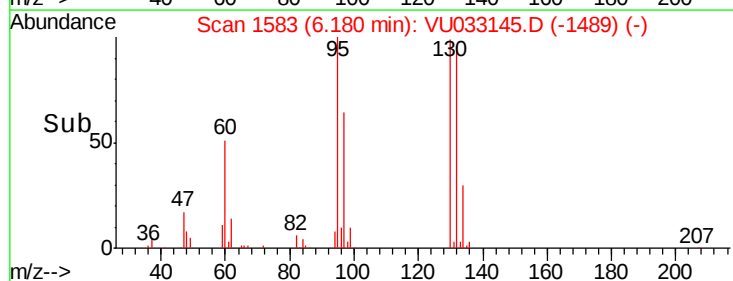
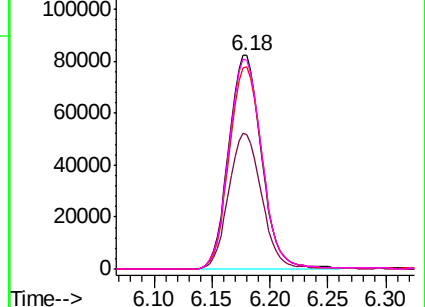


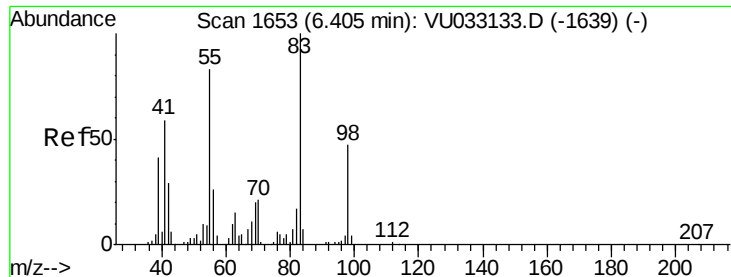
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

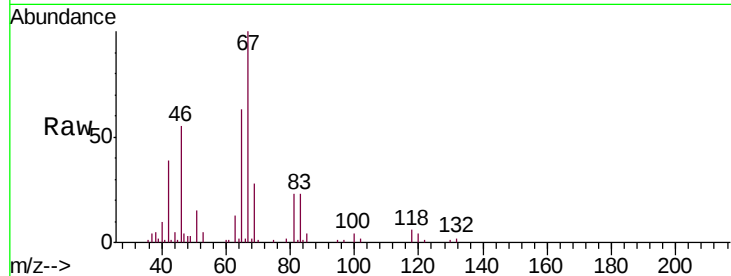




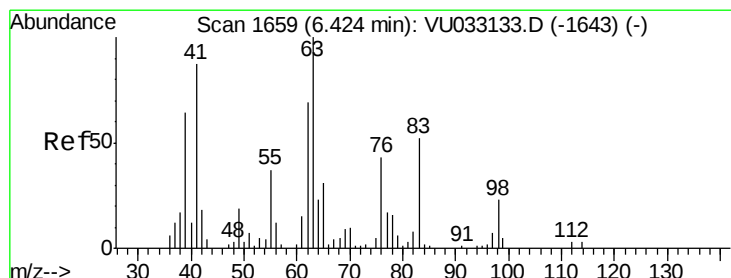
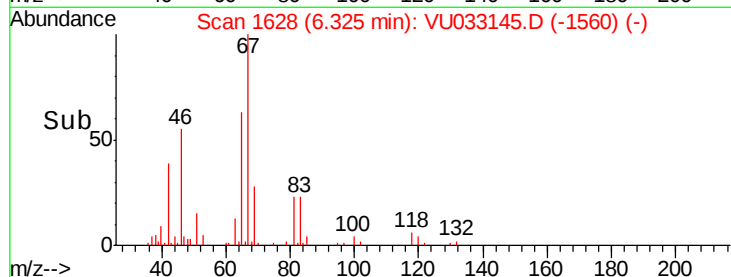
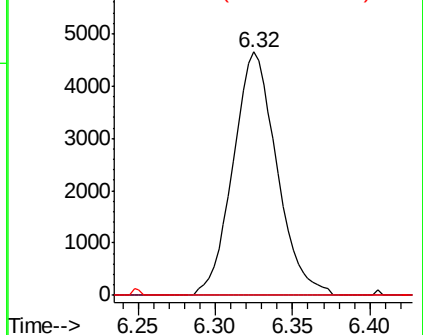
#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033145.D
Acq: 02 Jul 2019 16:58

Instrument :
MSVOA_U
ClientSampleId :
GAML7

Tgt Ion: 83 Resp: 9130
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.1 55.7#

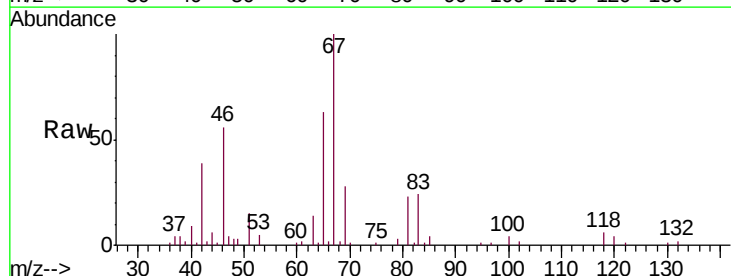


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

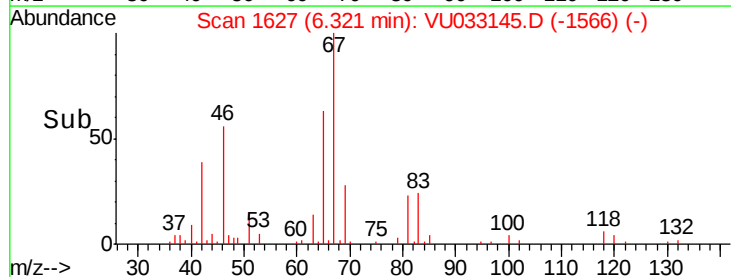
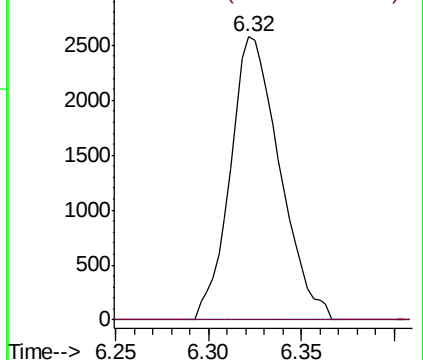


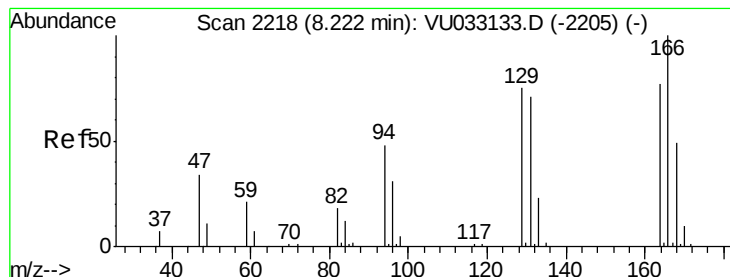
#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU033145.D
Acq: 02 Jul 2019 16:58

Tgt Ion: 63 Resp: 4794
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 5.617 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Instrument :

MSVOA_U

ClientSampleId :

GAML7

Tgt Ion:164 Resp: 34508

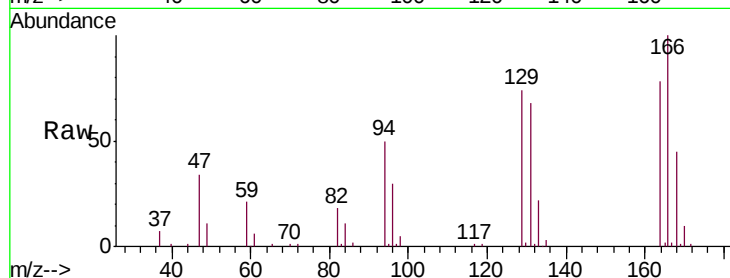
Ion Ratio Lower Upper

164 100

129 94.7 65.3 121.3

131 86.6 60.3 112.1

166 127.4 86.9 161.3

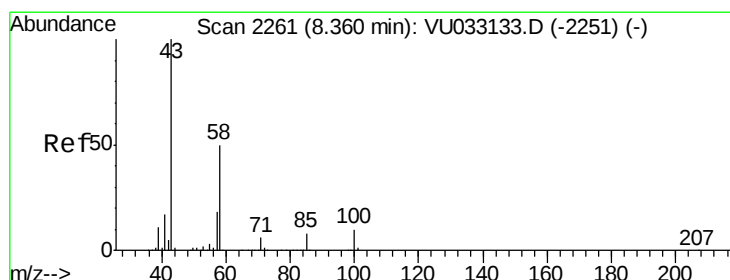
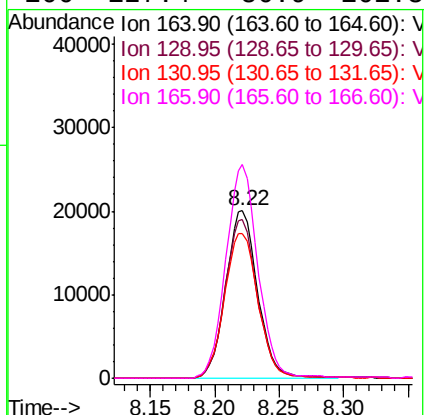
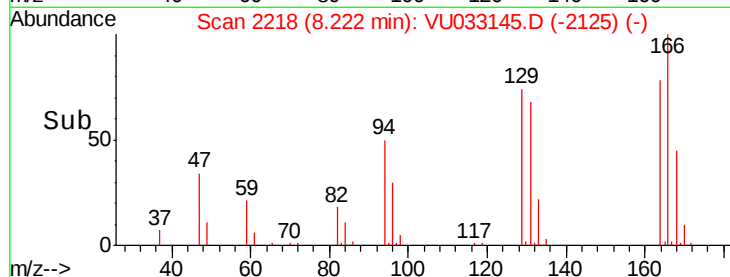


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.434 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Tgt Ion: 43 Resp: 9143

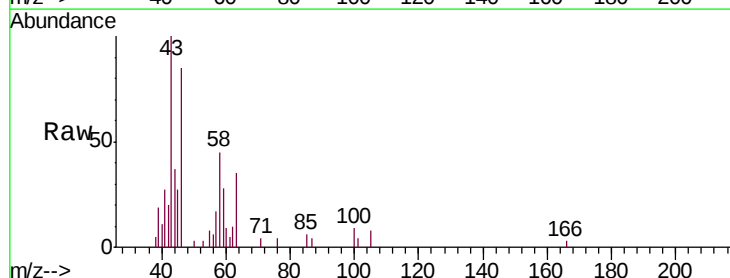
Ion Ratio Lower Upper

43 100

58 39.5 39.0 58.6

57 15.5 13.9 20.9

100 5.7 8.6 12.8#

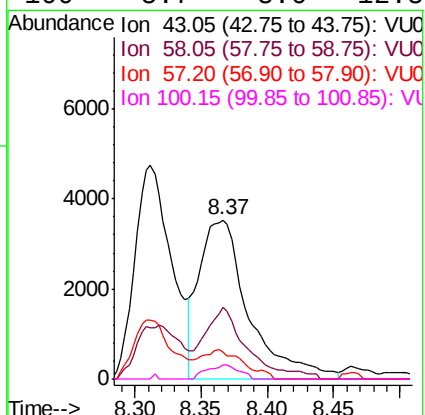
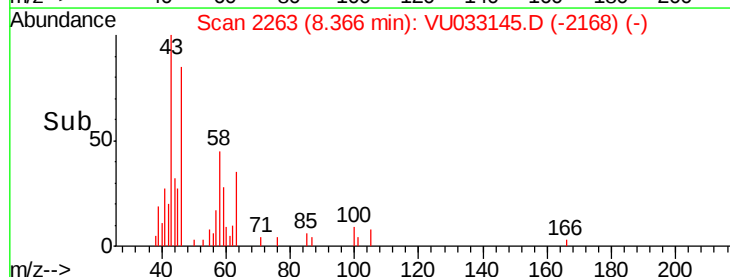


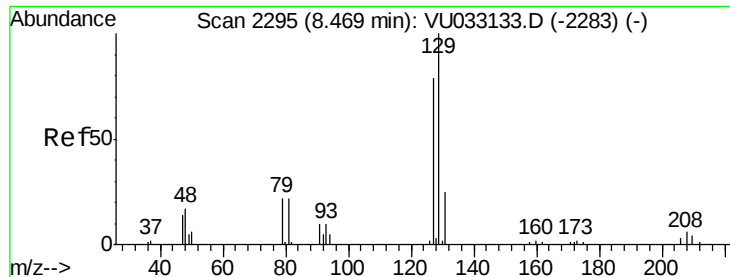
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 5.015 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU033145.D

Acq: 02 Jul 2019 16:58

Instrument :

MSVOA_U

ClientSampled :

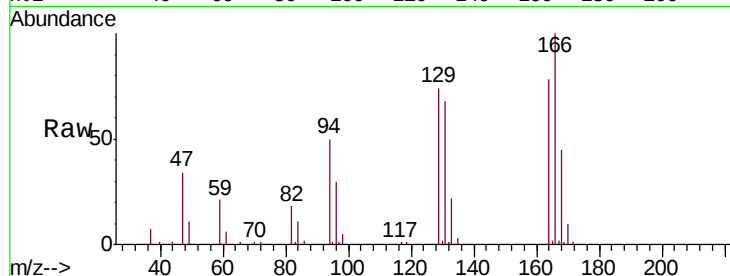
GAML7

Tgt Ion: 129 Resp: 32807

Ion Ratio Lower Upper

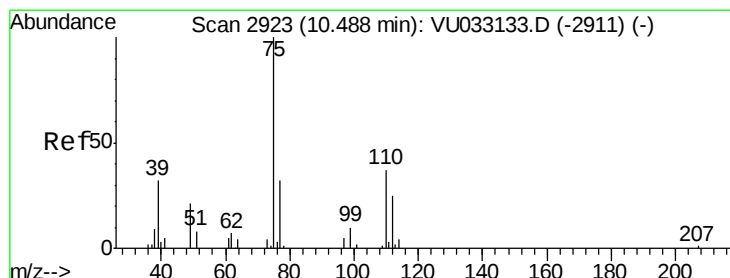
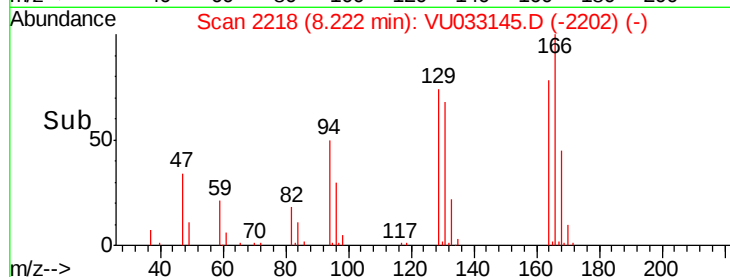
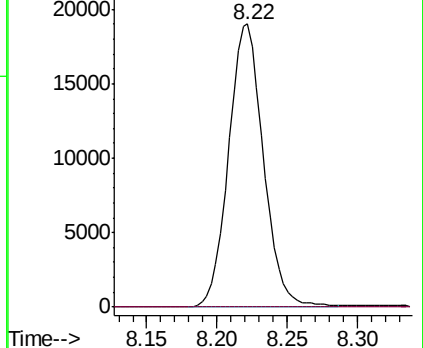
129 100

127 0.0 51.6 95.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.140 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033145.D

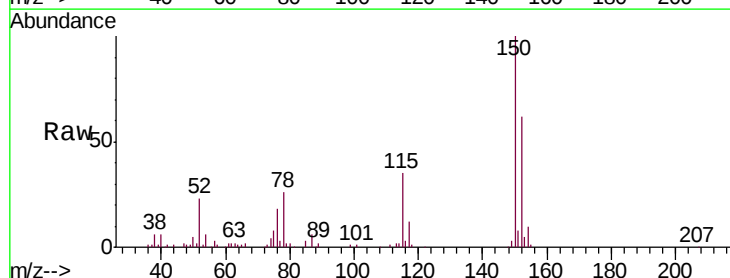
Acq: 02 Jul 2019 16:58

Tgt Ion: 75 Resp: 5784

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

