

Data File : VU033144.D
Acq On : 02 Jul 2019 16:34
Operator : JC/SP
Sample : K3608-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAML6

Quant Time: Jul 03 02:18:51 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	85102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36486	7.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	148.20%#
7) Chloroethane-d5	1.68	69	29463	6.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.80%#
11) 1,1-Dichloroethene-d2	2.27	63	55633	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.19	46	102785	57.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.62%
24) Chloroform-d	4.64	84	66418	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.30	65	38446	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.33	84	126117	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.20%
36) 1,2-Dichloropropane-d6	6.32	67	40521	5.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.20%
41) Toluene-d8	7.56	98	110988	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
43) trans-1,3-Dichloropropene-	7.85	79	15423	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.31	63	63467	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32894	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	43805	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

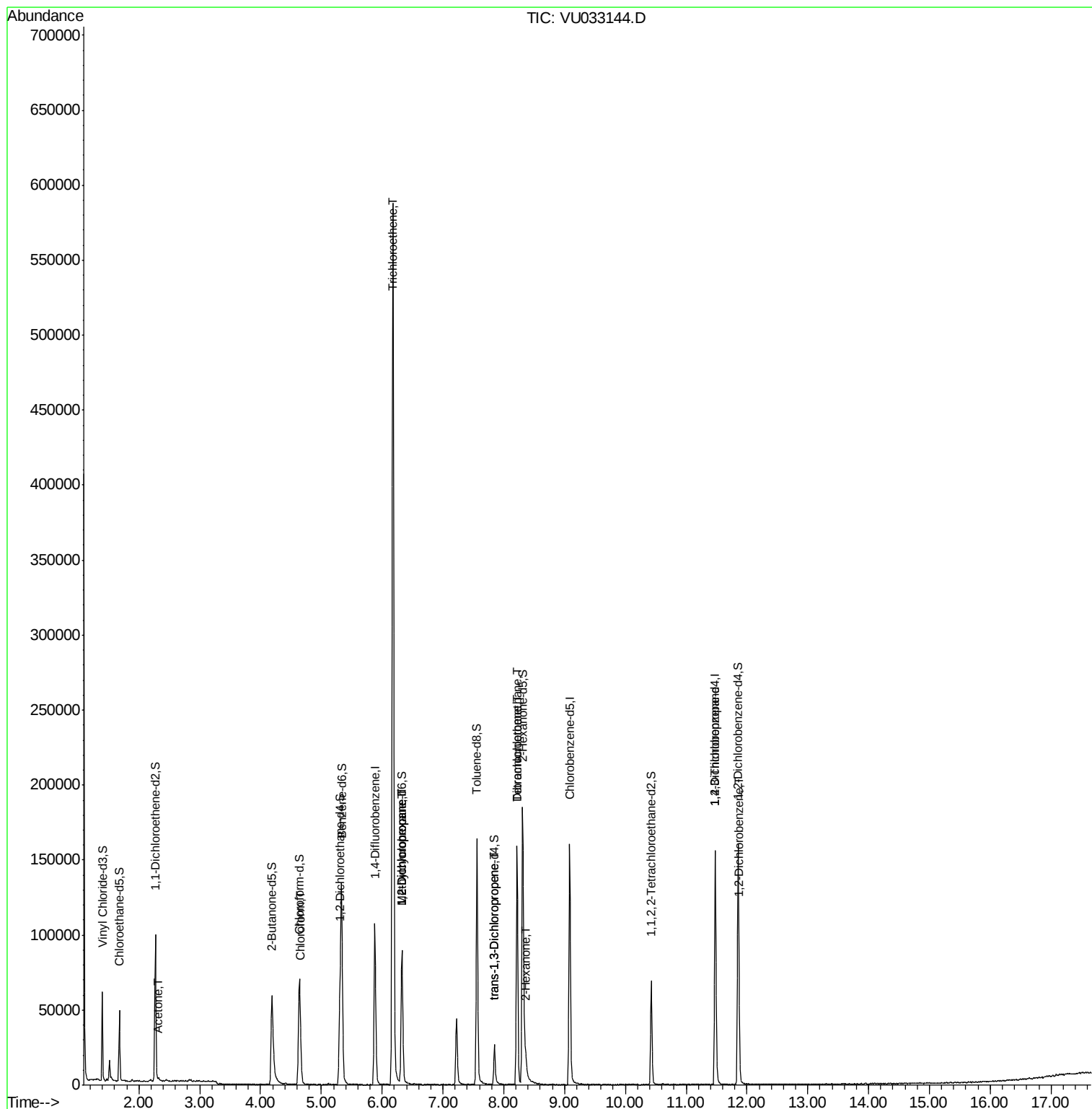
					Qvalue
13) Acetone	2.32	43	1947	1.350 ug/L	82
25) Chloroform	4.66	83	5418	0.398 ug/L	99
34) Trichloroethene	6.18	95	193888	27.126 ug/L	97
35) Methylcyclohexane	6.32	83	9697	0.912 ug/L #	16
37) 1,2-Dichloropropane	6.32	63	5016	0.696 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	847	0.100 ug/L	87
47) Tetrachloroethene	8.22	164	34619	5.831 ug/L	99
48) 2-Hexanone	8.36	43	8011	2.207 ug/L #	90
49) Dibromochloromethane	8.22	129	31899	5.045 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	6049	1.233 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	2736	0.214 ug/L	92

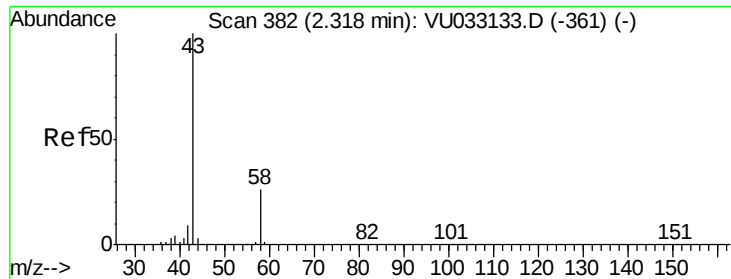
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.350 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU033144.D

Acq: 02 Jul 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

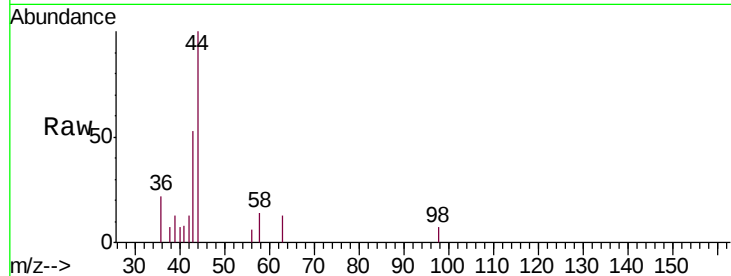
GAML6

Tgt Ion: 43 Resp: 1947

Ion Ratio Lower Upper

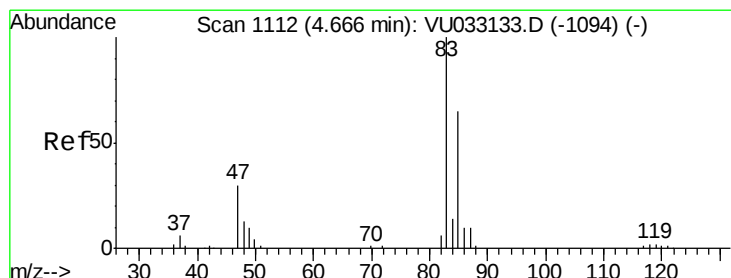
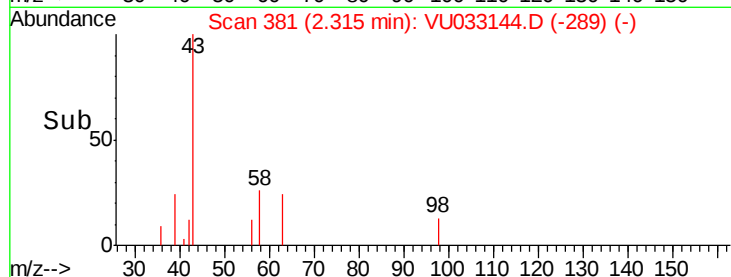
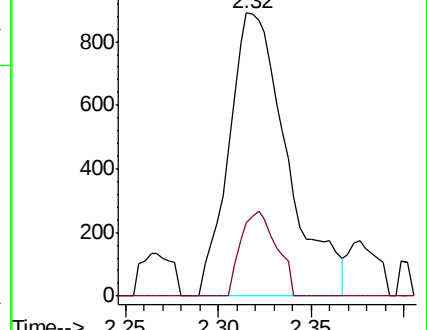
43 100

58 18.4 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU033133.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU033133.D (-361) (-)



#25

Chloroform

Concen: 0.398 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU033144.D

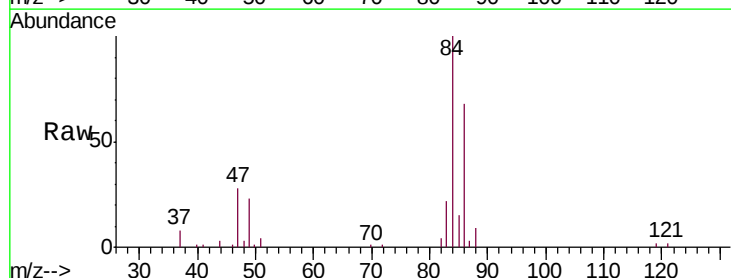
Acq: 02 Jul 2019 16:34

Tgt Ion: 83 Resp: 5418

Ion Ratio Lower Upper

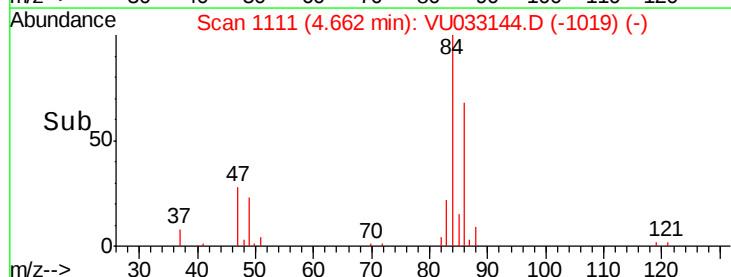
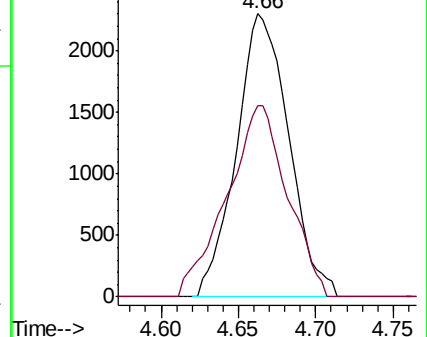
83 100

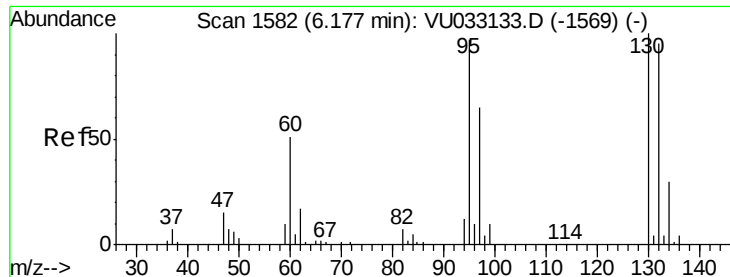
85 67.4 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VU033133.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU033133.D (-1094) (-)





#34

Trichloroethene

Concen: 27.126 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033144.D

Acq: 02 Jul 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

GAML6

Tgt Ion: 95 Resp: 193888

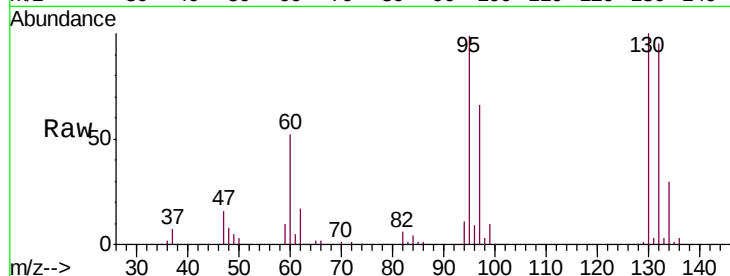
Ion Ratio Lower Upper

95 100

97 66.1 42.8 79.4

132 95.6 64.6 120.0

130 100.7 70.0 130.0

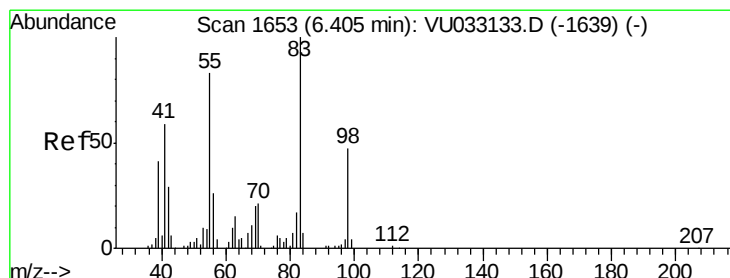
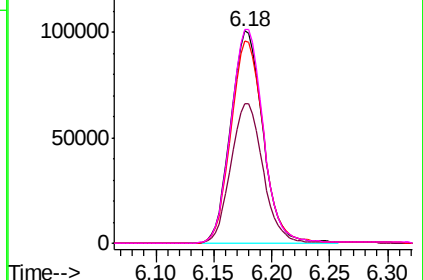
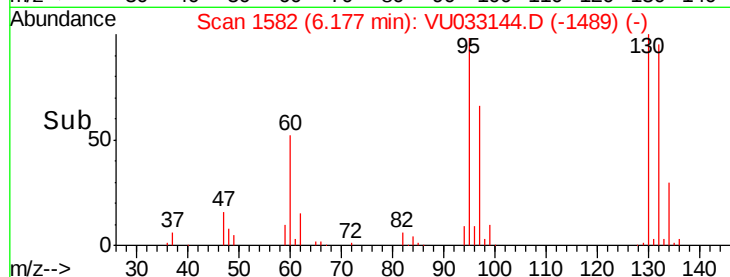


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.912 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033144.D

Acq: 02 Jul 2019 16:34

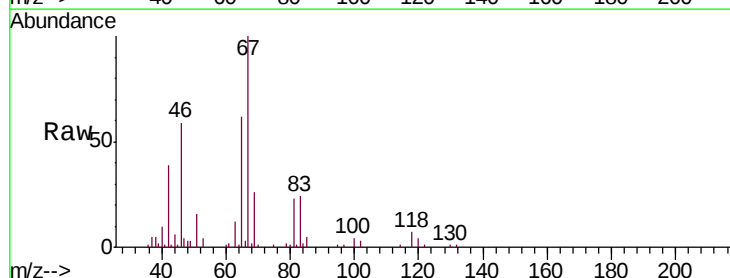
Tgt Ion: 83 Resp: 9697

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

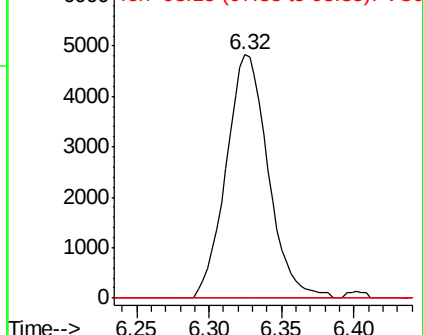
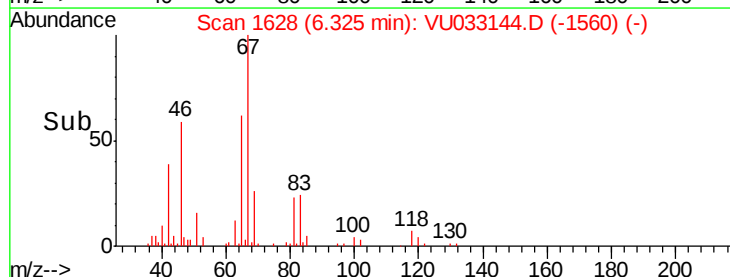
98 0.0 37.1 55.7#

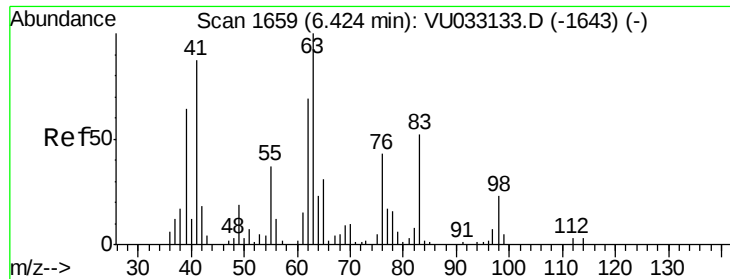


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.696 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033144.D

Acq: 02 Jul 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

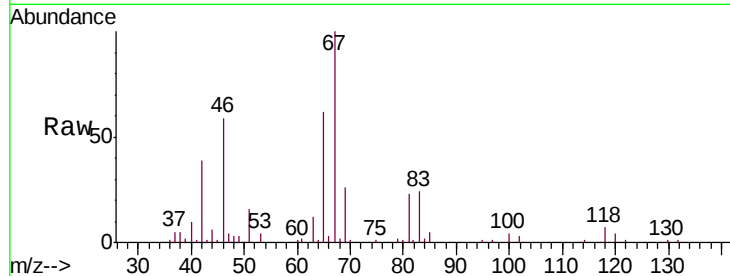
GAML6

Tgt Ion: 63 Resp: 5016

Ion Ratio Lower Upper

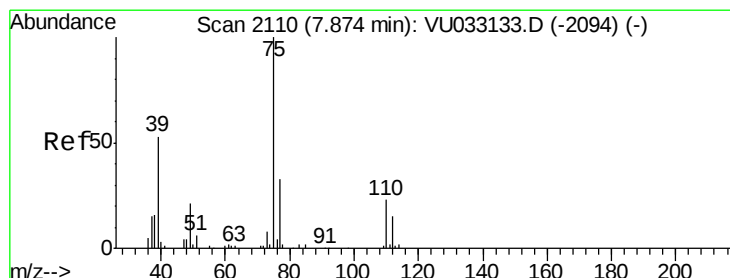
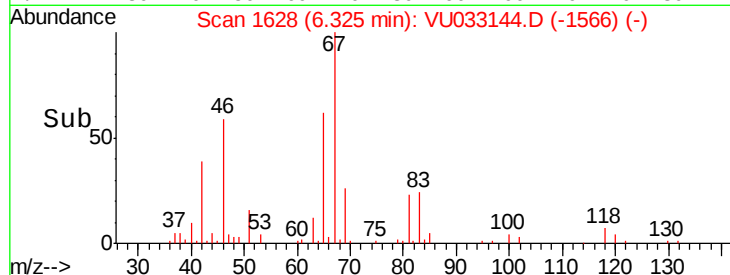
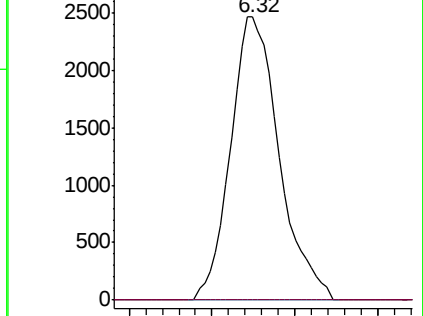
63 100

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



#44

trans-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU033144.D

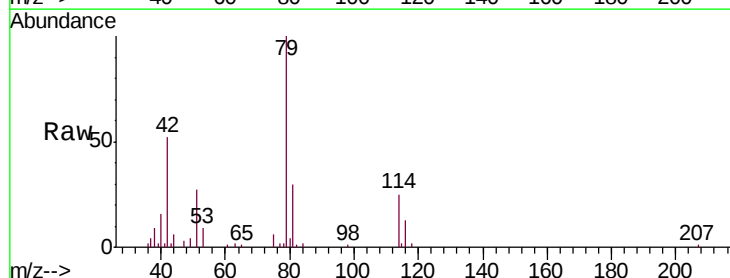
Acq: 02 Jul 2019 16:34

Tgt Ion: 75 Resp: 847

Ion Ratio Lower Upper

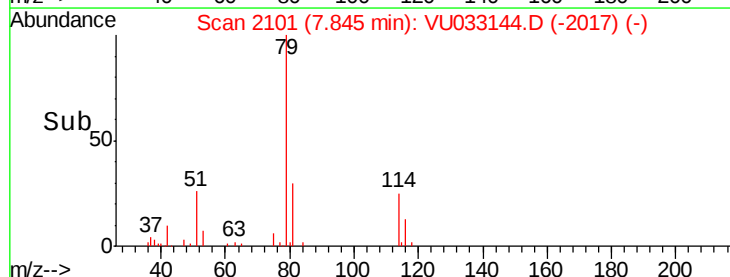
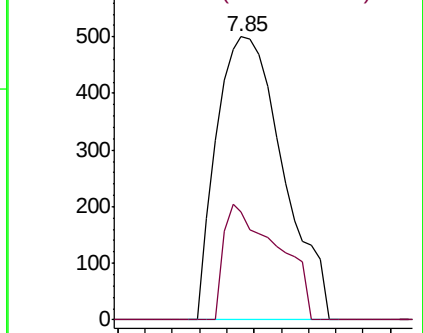
75 100

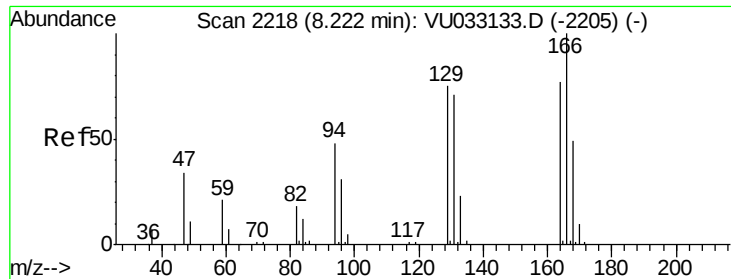
77 38.2 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

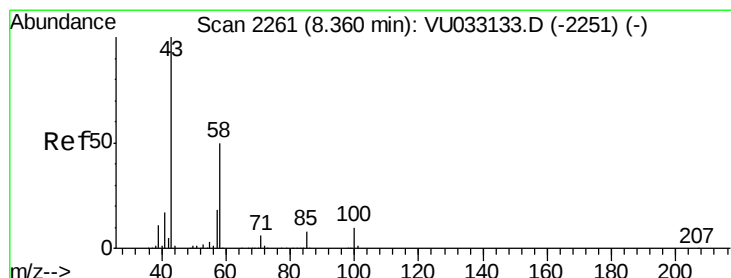
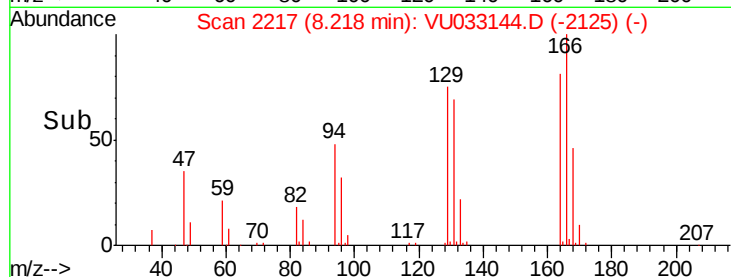
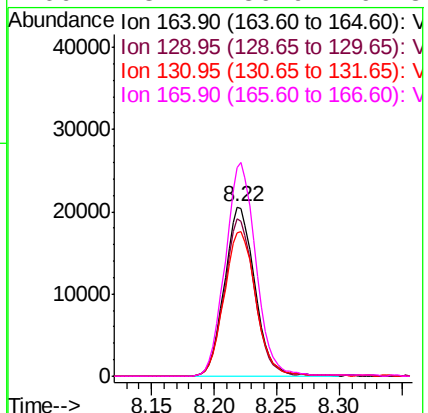
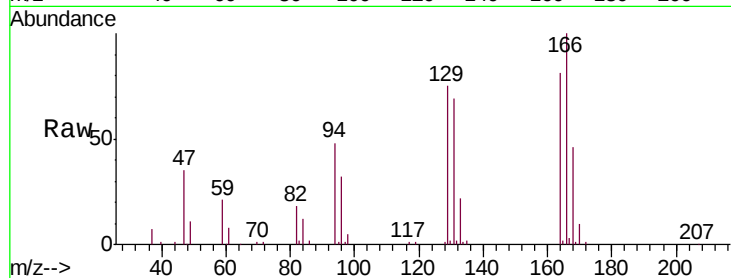




#47
Tetrachloroethene
Concen: 5.831 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU033144.D
Acq: 02 Jul 2019 16:34

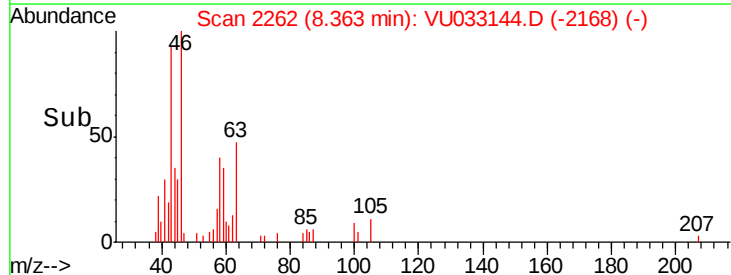
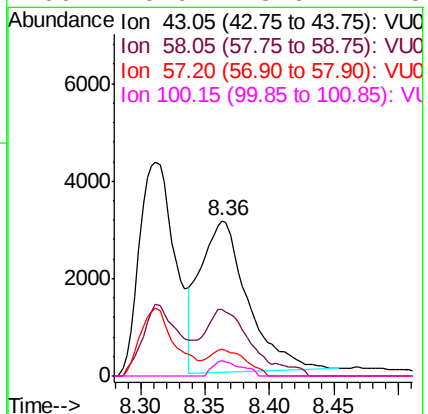
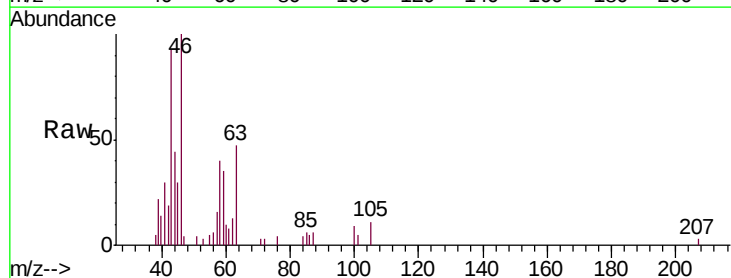
Instrument :
MSVOA_U
ClientSampled :
GAML6

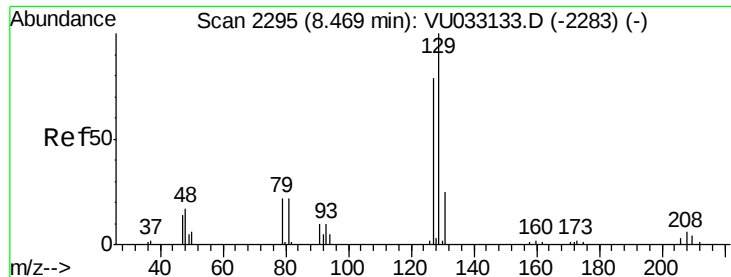
Tgt Ion:164 Resp: 34619
Ion Ratio Lower Upper
164 100
129 92.8 65.3 121.3
131 85.1 60.3 112.1
166 123.7 86.9 161.3



#48
2-Hexanone
Concen: 2.207 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033144.D
Acq: 02 Jul 2019 16:34

Tgt Ion: 43 Resp: 8011
Ion Ratio Lower Upper
43 100
58 42.1 39.0 58.6
57 13.4 13.9 20.9#
100 6.0 8.6 12.8#





#49

Dibromochloromethane

Concen: 5.045 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.25 min

Lab File: VU033144.D

Acq: 02 Jul 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

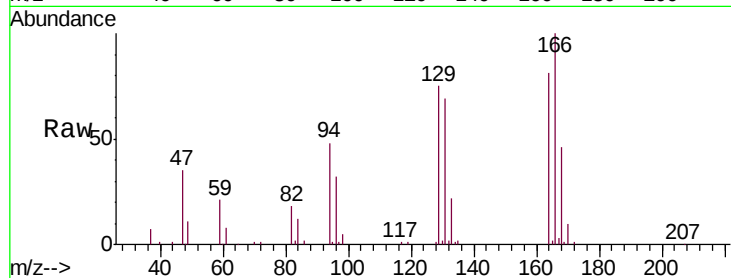
GAML6

Tgt Ion:129 Resp: 31899

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

8.22

20000

15000

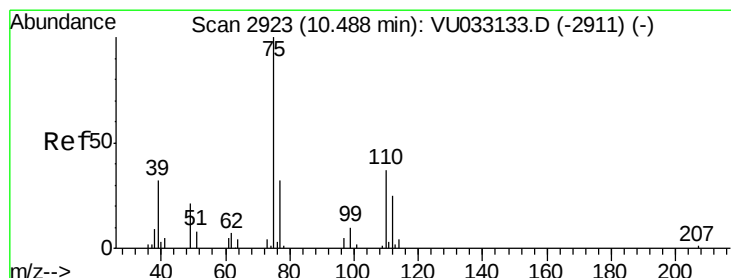
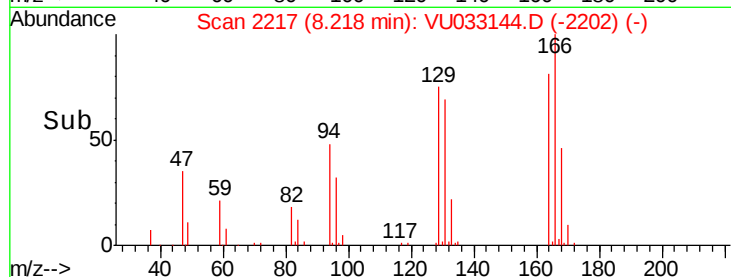
10000

5000

0

Time-->

8.15 8.20 8.25



#59

1,2,3-Trichloropropane

Concen: 1.233 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU033144.D

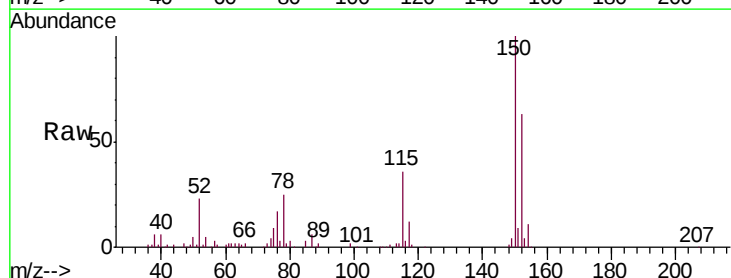
Acq: 02 Jul 2019 16:34

Tgt Ion: 75 Resp: 6049

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

4000

3000

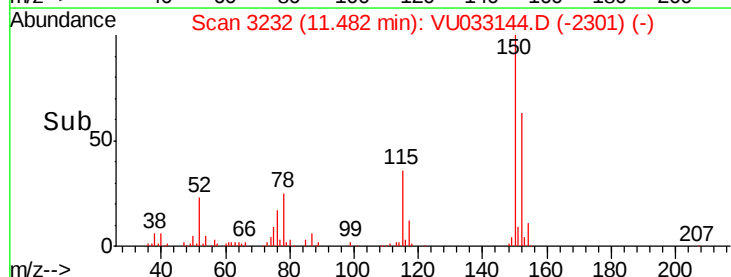
2000

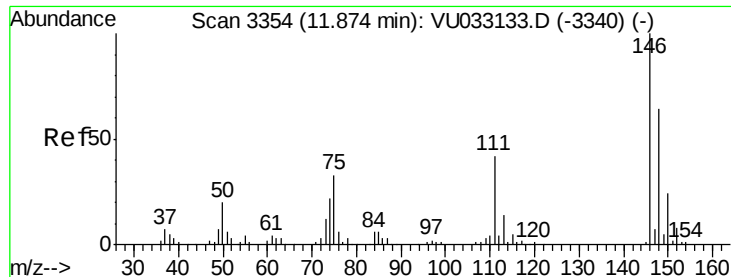
1000

0

Time-->

11.45 11.50 11.55





#65
 1,2-Dichlorobenzene
 Concen: 0.214 ug/L
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU033144.D
 Acq: 02 Jul 2019 16:34

Instrument :
 MSVOA_U
 ClientSampleId :
 GAML6

Tgt Ion:146 Resp: 2736
 Ion Ratio Lower Upper
 146 100
 111 44.2 31.8 47.8
 148 70.6 50.7 76.1

