

Data File : VU033074.D
Acq On : 28 Jun 2019 15:30
Operator : JC/SP
Sample : K3598-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM83

Quant Time: Jun 29 00:35:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	89805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45025	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38858	6.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.00%
7) Chloroethane-d5	1.68	69	29044	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	2.27	63	57862	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.20%
20) 2-Butanone-d5	4.19	46	93034	51.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	4.64	84	64520	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.30	65	37459	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.33	84	123628	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.32	67	39352	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.56	98	109837	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.85	79	15814	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.31	63	59637	46.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30470	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	44802	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

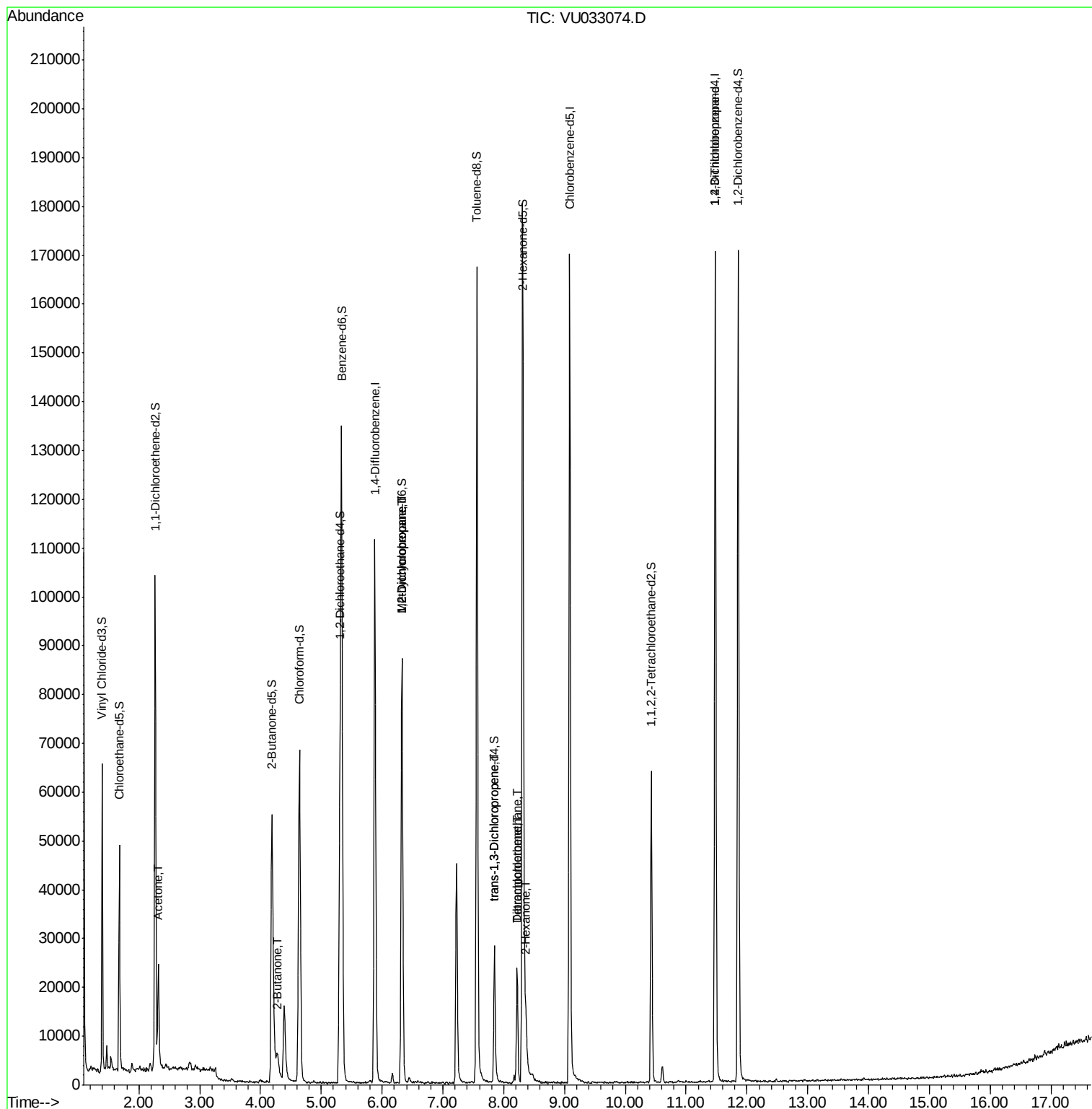
						Qvalue
13) Acetone	2.32	43	22156	14.488	ug/L	98
21) 2-Butanone	4.29	43	7431	3.452	ug/L	98
35) Methylcyclohexane	6.32	83	9253	0.839	ug/L #	17
37) 1,2-Dichloropropane	6.32	63	4934	0.680	ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	875	0.101	ug/L #	65
47) Tetrachloroethene	8.22	164	5192	0.871	ug/L	94
48) 2-Hexanone	8.37	43	6940	1.939	ug/L #	82
49) Dibromochloromethane	8.22	129	4654	0.721	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5991	1.233	ug/L	92

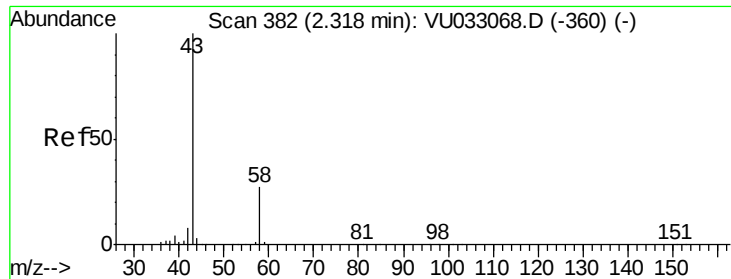
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.488 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033074.D

Acq: 28 Jun 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

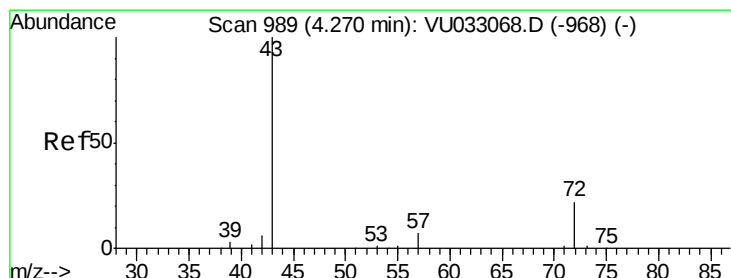
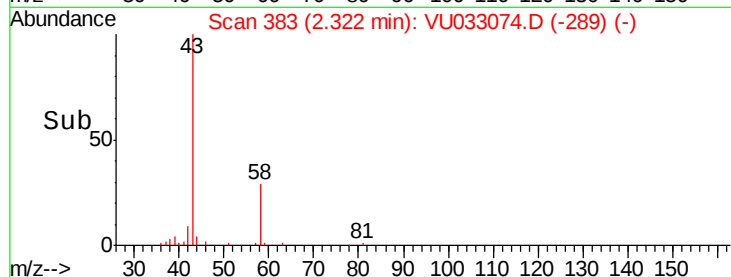
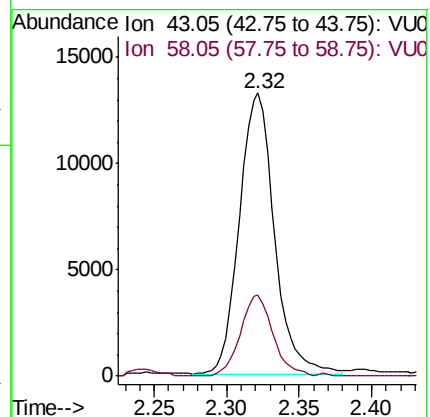
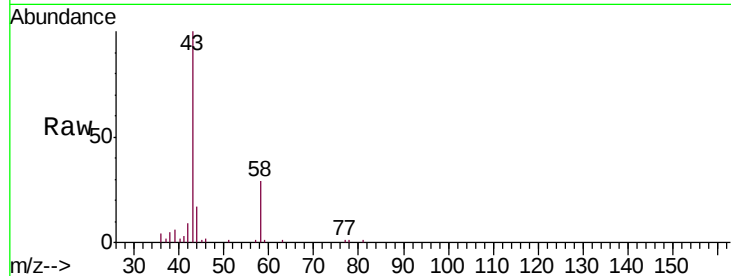
GAM83

Tgt Ion: 43 Resp: 22156

Ion Ratio Lower Upper

43 100

58 26.8 0.0 51.8



#21

2-Butanone

Concen: 3.452 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.02 min

Lab File: VU033074.D

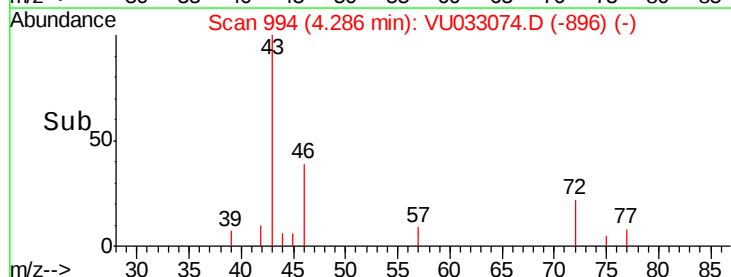
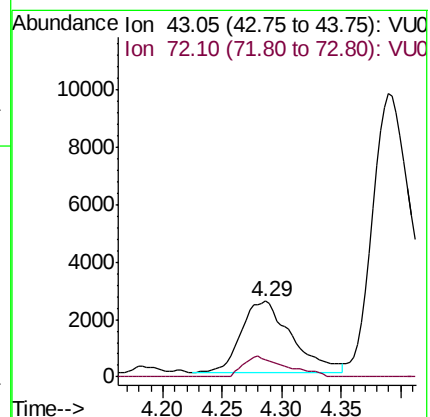
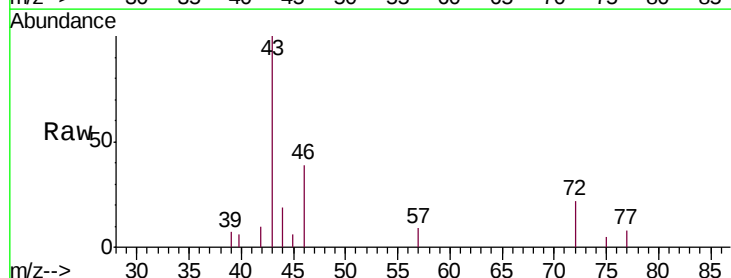
Acq: 28 Jun 2019 15:30

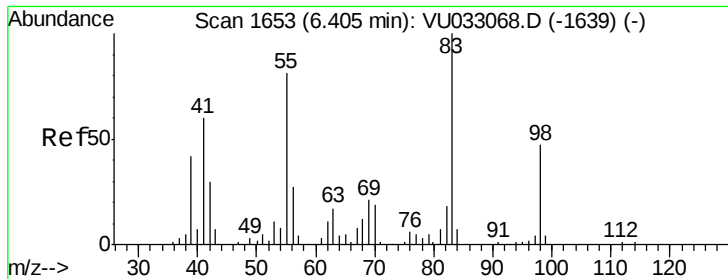
Tgt Ion: 43 Resp: 7431

Ion Ratio Lower Upper

43 100

72 24.0 11.5 34.5

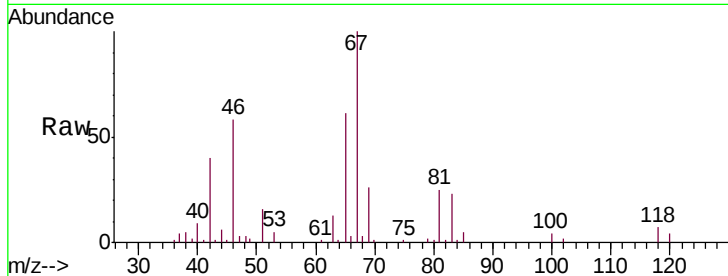




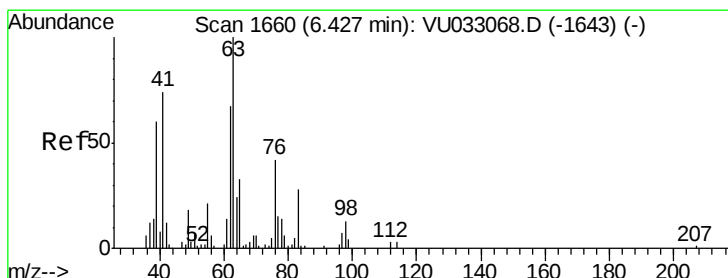
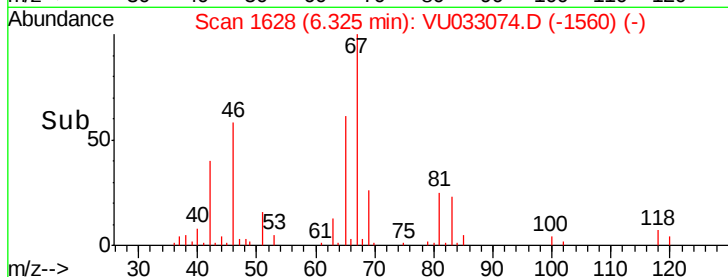
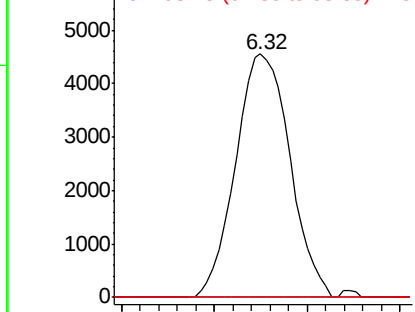
#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033074.D
Acq: 28 Jun 2019 15:30

Instrument :
MSVOA_U
ClientSampleId :
GAM83

Tgt Ion: 83 Resp: 9253
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 2.6 37.7 56.5#

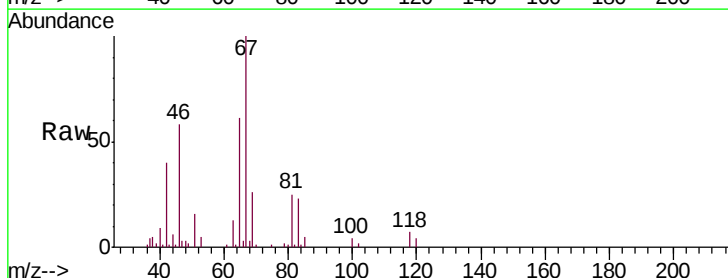


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

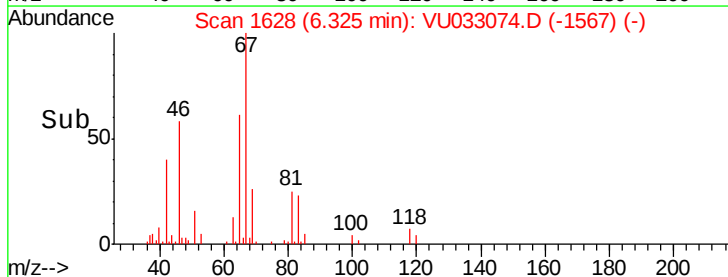
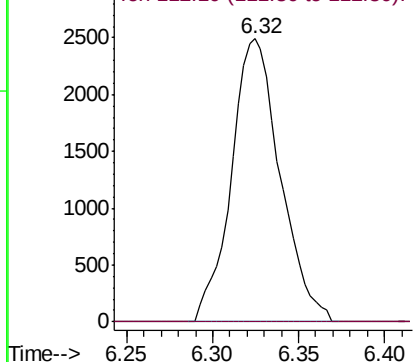


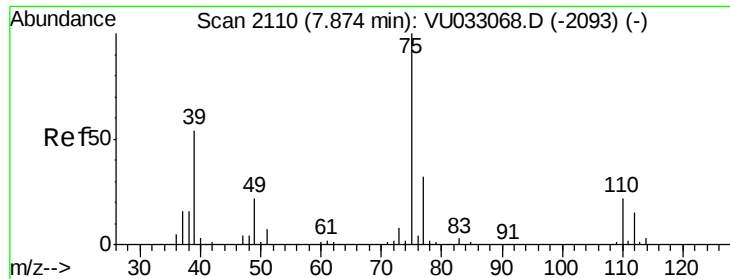
#37
1,2-Dichloropropane
Concen: 0.680 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU033074.D
Acq: 28 Jun 2019 15:30

Tgt Ion: 63 Resp: 4934
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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: 0.101 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU033074.D

Acq: 28 Jun 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

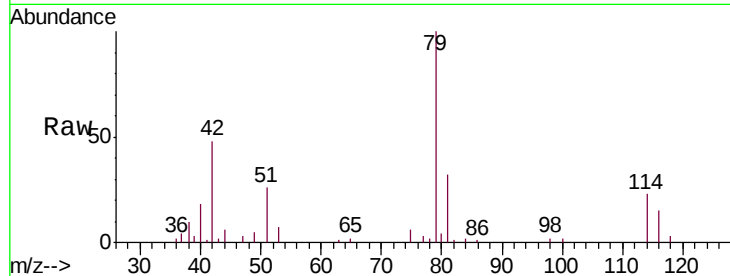
GAM83

Tgt Ion: 75 Resp: 875

Ion Ratio Lower Upper

75 100

77 50.3 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VU033068.D (-2093) (-)

Ion 77.05 (76.75 to 77.75): VU033068.D (-2093) (-)

7.85

500

400

300

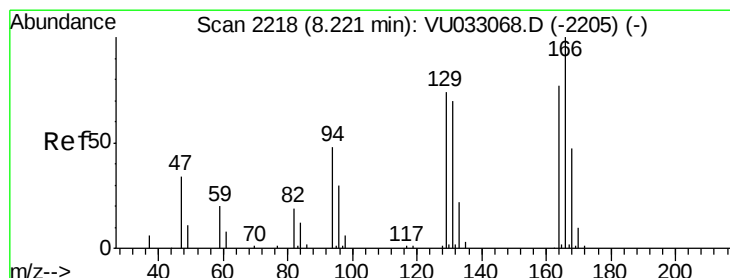
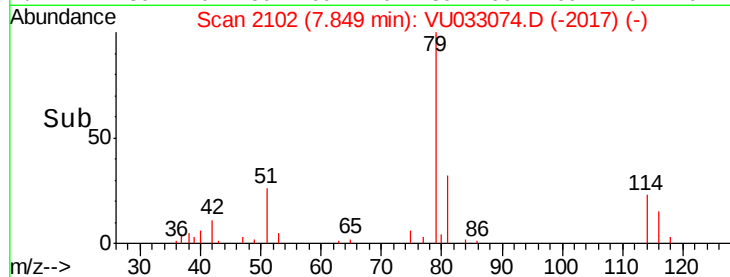
200

100

0

7.82 7.84 7.86 7.88

Time-->



#47

Tetrachloroethene

Concen: 0.871 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033074.D

Acq: 28 Jun 2019 15:30

Tgt Ion:164 Resp: 5192

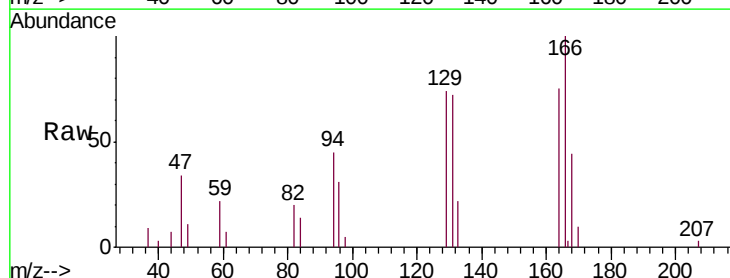
Ion Ratio Lower Upper

164 100

129 99.0 64.9 120.5

131 96.7 63.5 117.9

166 133.9 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VU033068.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU033068.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU033068.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU033068.D (-2205) (-)

6000

5000

4000

3000

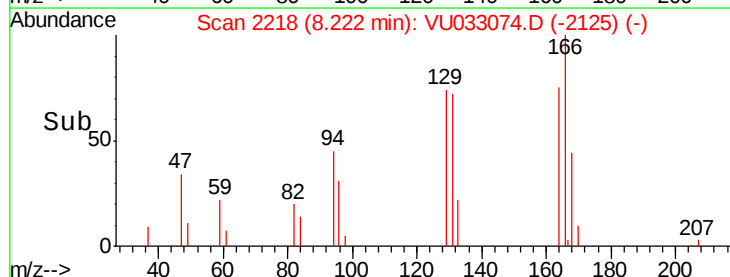
2000

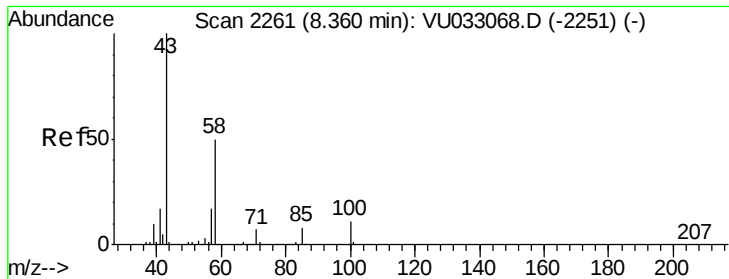
1000

0

8.15 8.20 8.25 8.30

Time-->

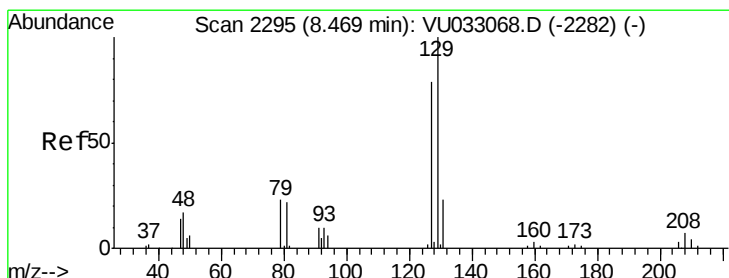
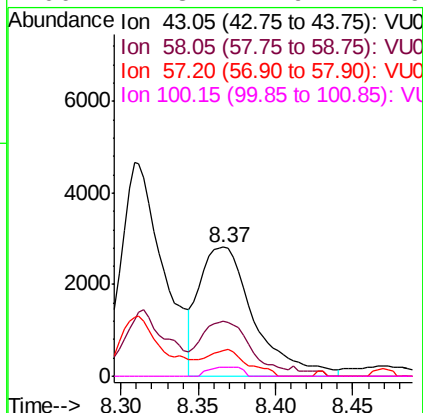
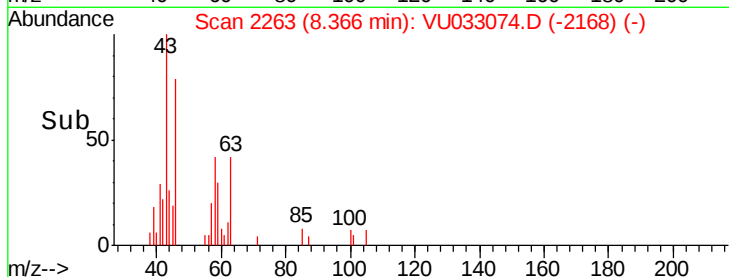
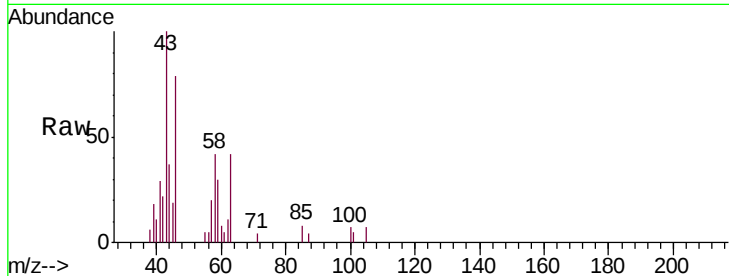




#48
2-Hexanone
Concen: 1.939 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU033074.D
Acq: 28 Jun 2019 15:30

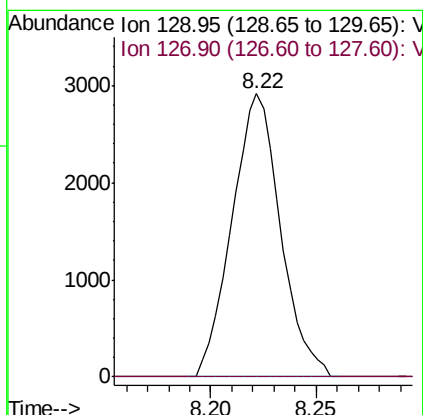
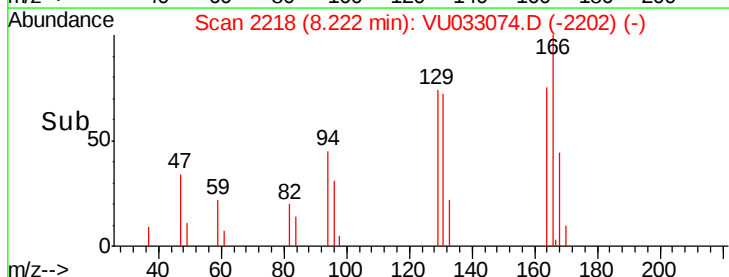
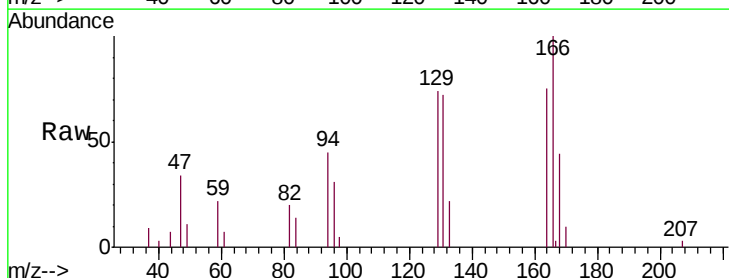
Instrument :
MSVOA_U
ClientSampleId :
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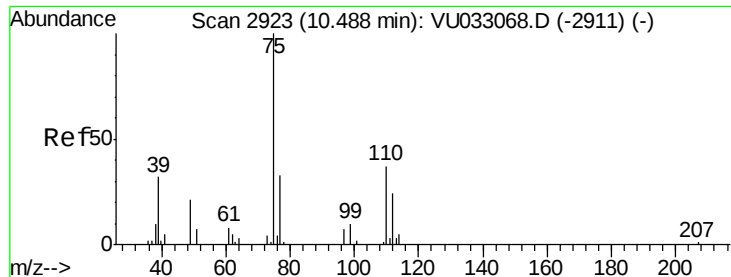
Tgt Ion: 43 Resp: 6940
Ion Ratio Lower Upper
43 100
58 33.5 40.0 60.0#
57 15.8 14.0 21.0
100 4.3 7.9 11.9#



#49
Dibromochloromethane
Concen: 0.721 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU033074.D
Acq: 28 Jun 2019 15:30

Tgt Ion: 129 Resp: 4654
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#





#59

1,2,3-Trichloropropane

Concen: 1.233 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033074.D

Acq: 28 Jun 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

GAM83

Tgt Ion: 75 Resp: 5991

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2

