

Data File : VU031937.D
Acq On : 12 May 2019 12:43
Operator : JC/SP
Sample : K2744-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D05

Quant Time: May 13 07:03:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	490991	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	491846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123266	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.68	69	122193	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	184178	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	4.21	46	533808	40.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.72%
24) Chloroform-d	4.64	84	271632	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.31	65	154210	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
32) Benzene-d6	5.34	84	514729	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.33	67	184377	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.56	98	376102	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	7.85	79	52301	3.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.40%
46) 2-Hexanone-d5	8.31	63	371450	45.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165319	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	144945	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

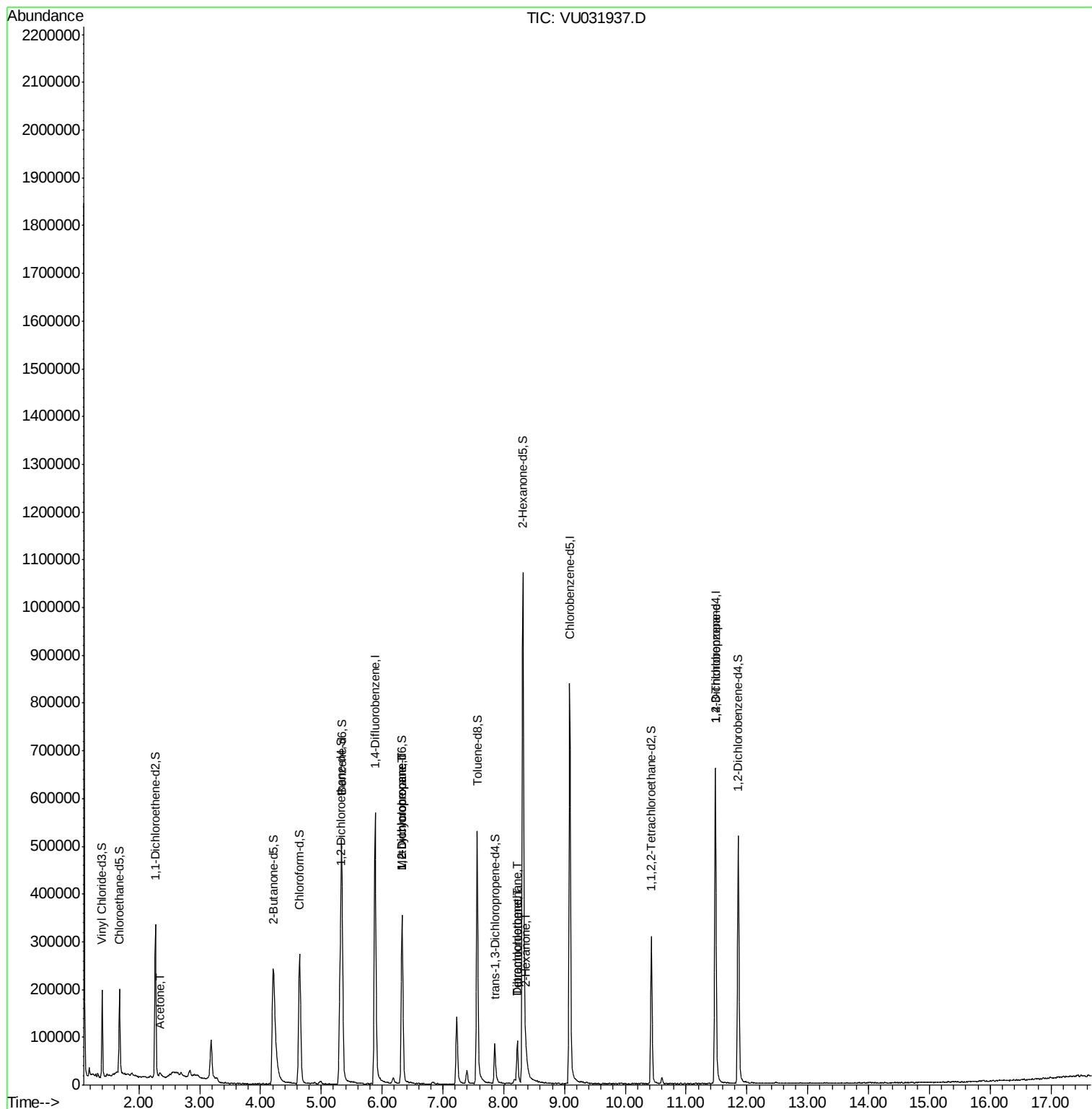
					Qvalue
13) Acetone	2.35	43	10738	1.203	ug/L 90
35) Methylcyclohexane	6.33	83	39400	0.634	ug/L # 10
37) 1,2-Dichloropropane	6.33	63	18531	0.378	ug/L # 94
47) Tetrachloroethene	8.22	164	20360	0.724	ug/L 95
48) 2-Hexanone	8.37	43	27304	1.163	ug/L # 96
49) Dibromochloromethane	8.22	129	21188	0.626	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	23547	0.811	ug/L 95

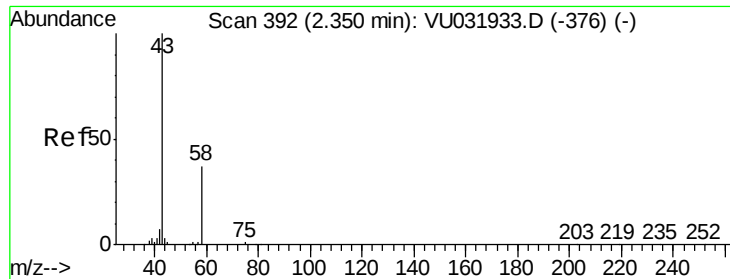
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.203 ug/L

RT: 2.35 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU031937.D

Acq: 12 May 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

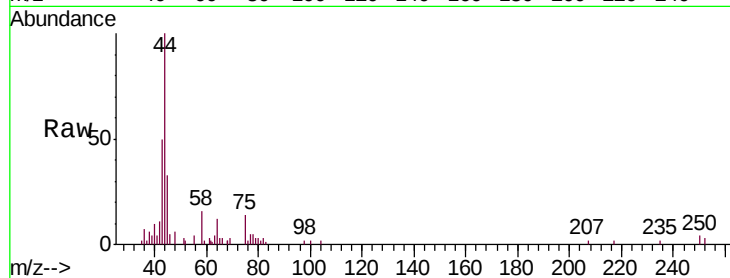
F9D05

Tgt Ion: 43 Resp: 10738

Ion Ratio Lower Upper

43 100

58 32.1 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.35

4000

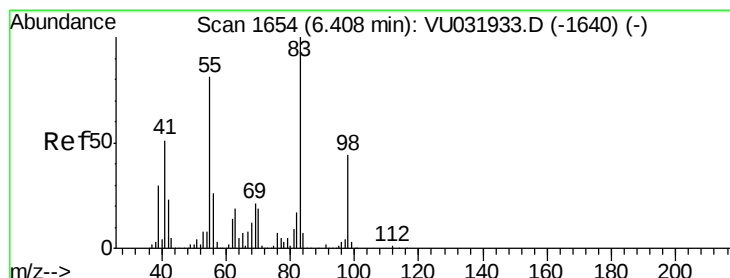
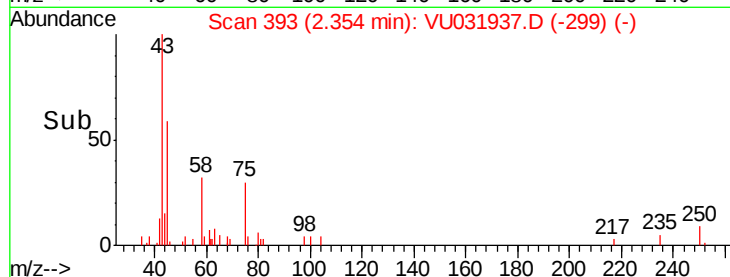
3000

2000

1000

0

Time--> 2.25 2.30 2.35 2.40 2.45



#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031937.D

Acq: 12 May 2019 12:43

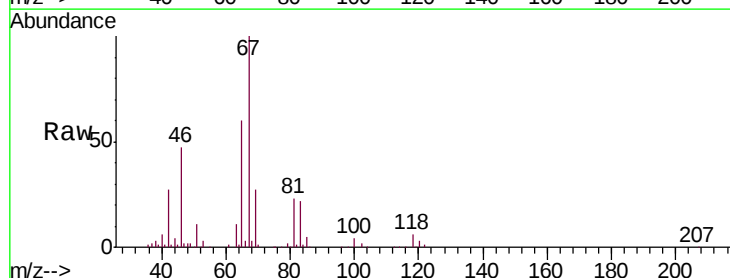
Tgt Ion: 83 Resp: 39400

Ion Ratio Lower Upper

83 100

55 0.3 79.2 118.8#

98 0.0 34.0 51.0#



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

25000

20000

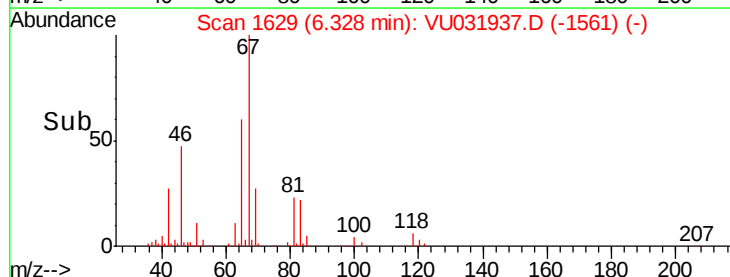
15000

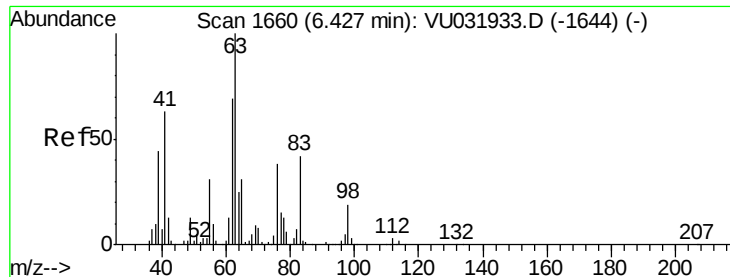
10000

5000

0

Time--> 6.25 6.30 6.35 6.40





#37

1,2-Dichloropropane

Concen: 0.378 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031937.D

Acq: 12 May 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

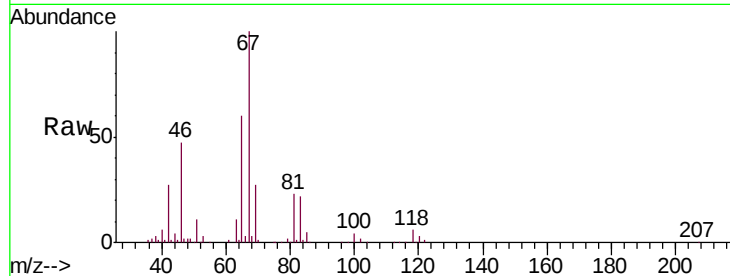
F9D05

Tgt Ion: 63 Resp: 18531

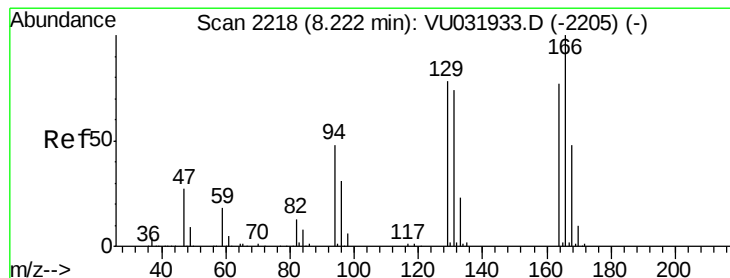
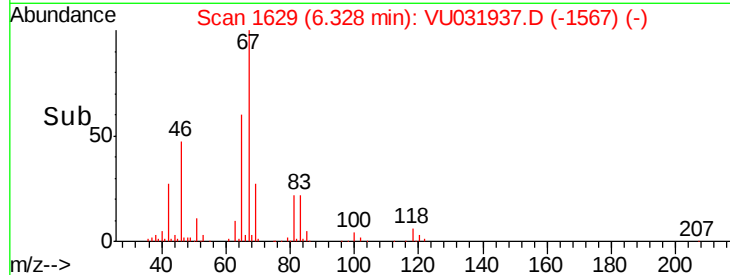
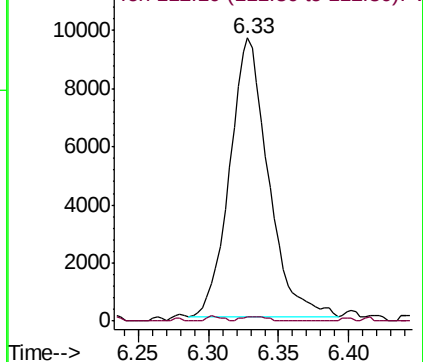
Ion Ratio Lower Upper

63 100

112 1.1 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU031937.D (-1644) (-)



#47

Tetrachloroethene

Concen: 0.724 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031937.D

Acq: 12 May 2019 12:43

Tgt Ion: 164 Resp: 20360

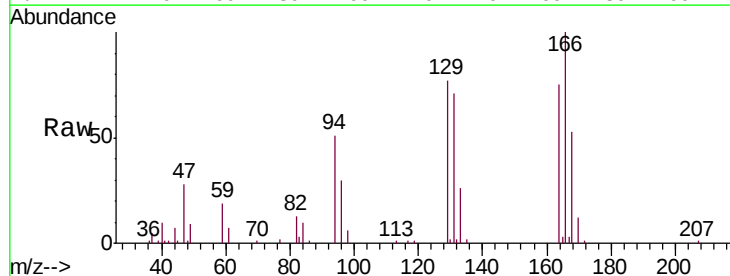
Ion Ratio Lower Upper

164 100

129 102.9 70.3 130.5

131 94.1 65.4 121.4

166 133.4 86.0 159.8

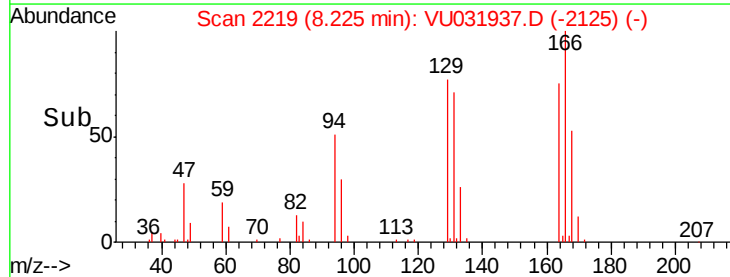
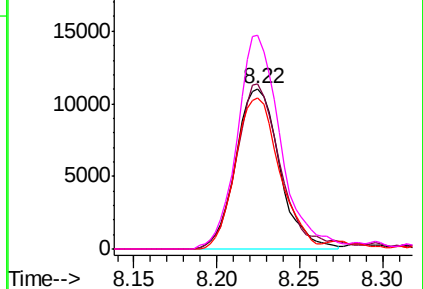


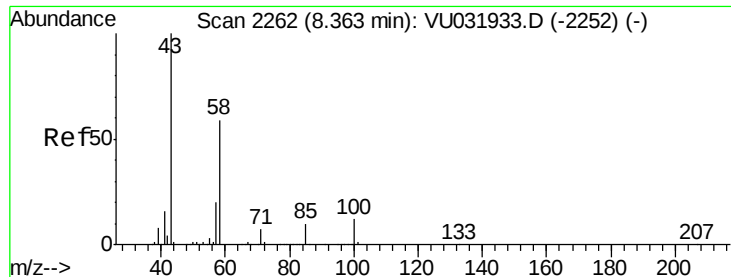
Abundance Ion 163.90 (163.60 to 164.60): VU031937.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU031937.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU031937.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU031937.D (-2205) (-)

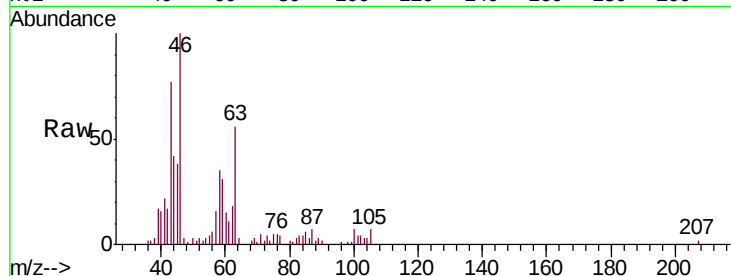




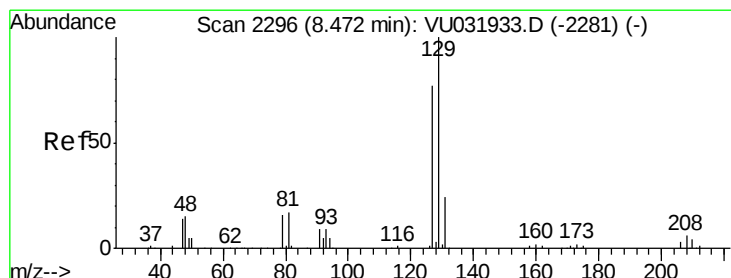
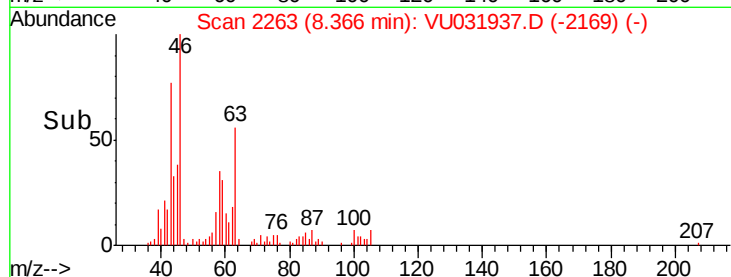
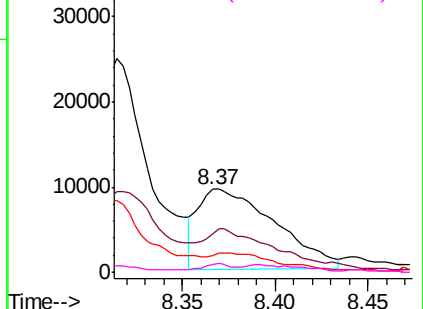
#48
2-Hexanone
Concen: 1.163 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU031937.D
Acq: 12 May 2019 12:43

Instrument :
MSVOA_U
ClientSampleId :
F9D05

Tgt Ion: 43 Resp: 27304
Ion Ratio Lower Upper
43 100
58 53.5 40.2 60.2
57 17.6 13.8 20.6
100 4.3 6.4 9.6#

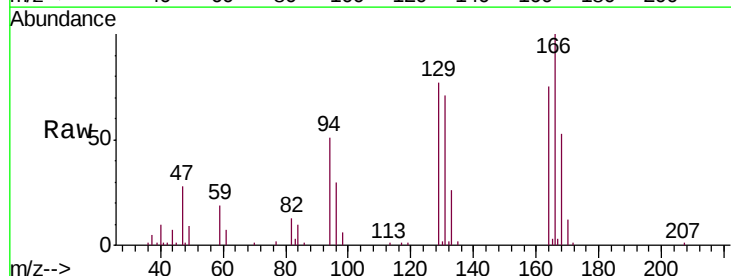


Abundance Ion 43.05 (42.75 to 43.75): VU031937.D (-2252) (-)
Ion 58.05 (57.75 to 58.75): VU031937.D (-2252) (-)
Ion 57.20 (56.90 to 57.90): VU031937.D (-2252) (-)
Ion 100.15 (99.85 to 100.85): VU031937.D (-2252) (-)

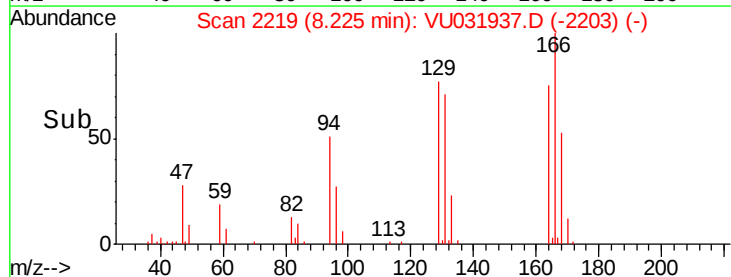
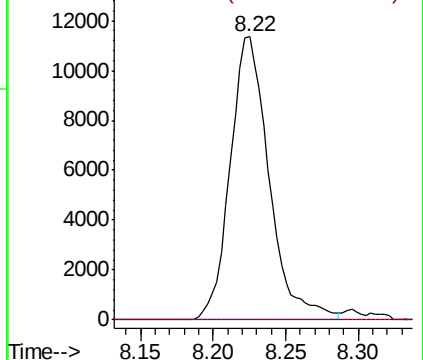


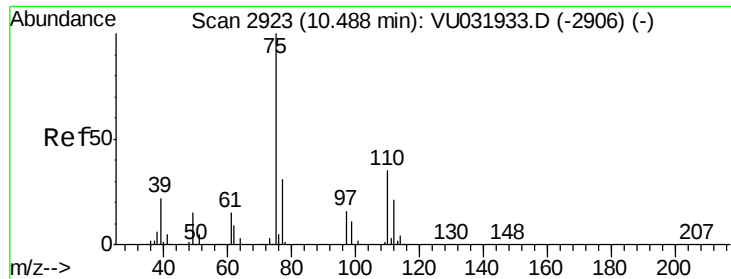
#49
Dibromochloromethane
Concen: 0.626 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU031937.D
Acq: 12 May 2019 12:43

Tgt Ion: 129 Resp: 21188
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): VU031937.D (-2203) (-)
Ion 126.90 (126.60 to 127.60): VU031937.D (-2203) (-)





#59

1,2,3-Trichloropropane

Concen: 0.811 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031937.D

Acq: 12 May 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

F9D05

Tgt Ion: 75 Resp: 23547

Ion Ratio Lower Upper

75 100

77 36.0 26.3 39.5

