

Data File : VU031828.D
Acq On : 08 May 2019 18:07
Operator : JC/SP
Sample : K2695-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XH6

Quant Time: May 09 05:36:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	445388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445325	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	178562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147288	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.67	69	125519	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	215371	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.20	46	606306	51.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.64	84	291540	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	173848	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.33	84	564163	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.33	67	198185	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.56	98	440753	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	64836	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.31	63	412613	55.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165015	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	164065	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

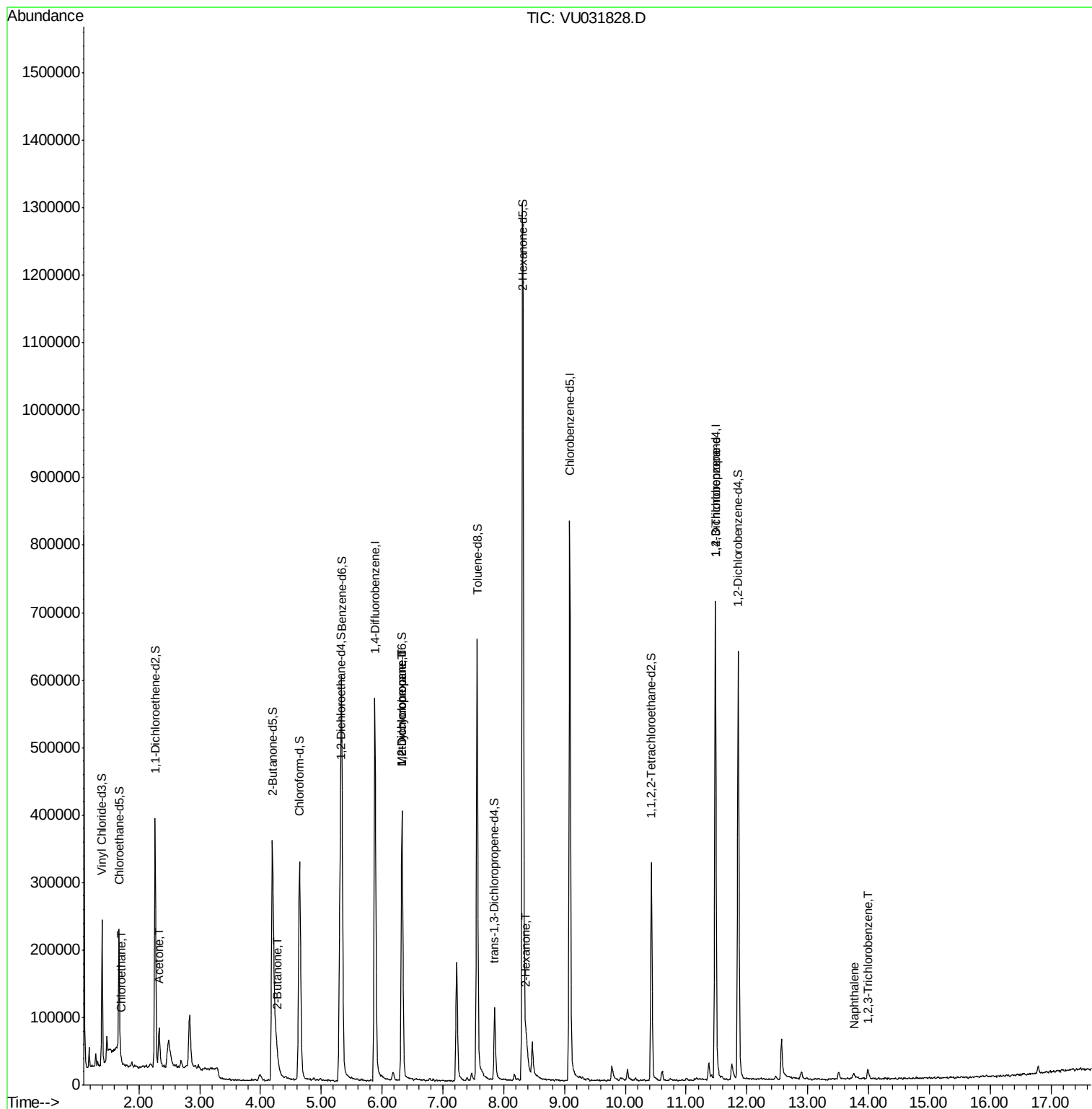
					Qvalue	
8) Chloroethane	1.71	64	2924	0.099	ug/L #	55
13) Acetone	2.33	43	60345	7.455	ug/L	99
21) 2-Butanone	4.29	43	17701	1.309	ug/L	93
35) Methylcyclohexane	6.32	83	43275	0.770	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	22138	0.498	ug/L #	92
48) 2-Hexanone	8.38	43	35377	1.664	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	24445	0.929	ug/L	100
69) Naphthalene	13.75	128	8869	0.162	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	4035	0.136	ug/L #	83

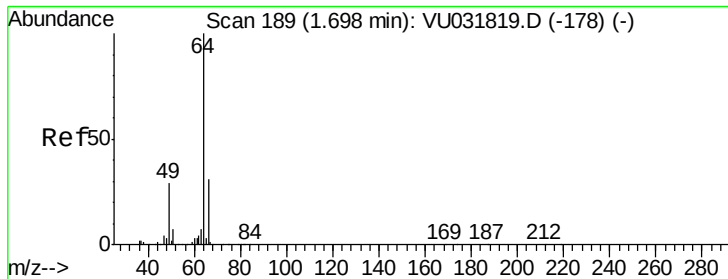
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.099 ug/L

RT: 1.71 min Scan# 194

Delta R.T. 0.02 min

Lab File: VU031828.D

Acq: 08 May 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

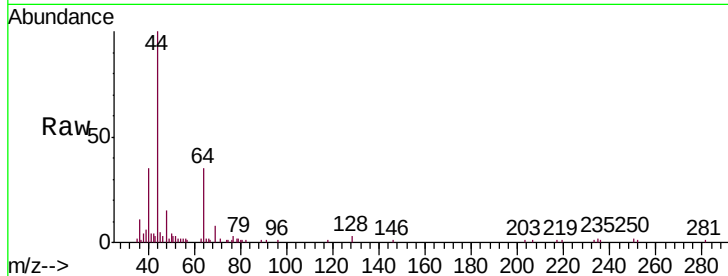
C0XH6

Tgt Ion: 64 Resp: 2924

Ion Ratio Lower Upper

64 100

66 6.4 21.9 40.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

6000

5000

4000

3000

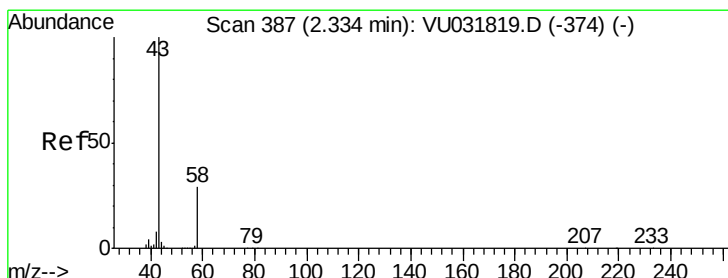
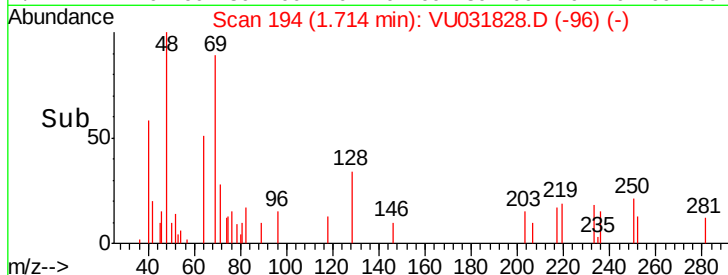
2000

1000

0

1.70 1.72 1.74

Time-->



#13

Acetone

Concen: 7.455 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.00 min

Lab File: VU031828.D

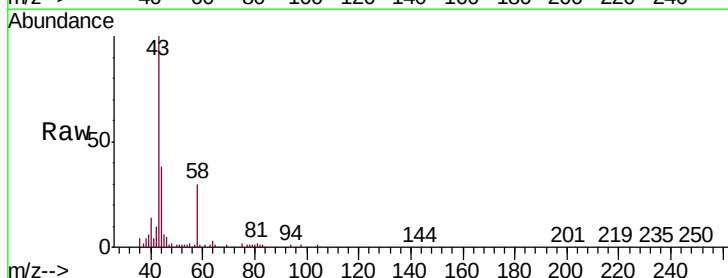
Acq: 08 May 2019 18:07

Tgt Ion: 43 Resp: 60345

Ion Ratio Lower Upper

43 100

58 27.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

30000

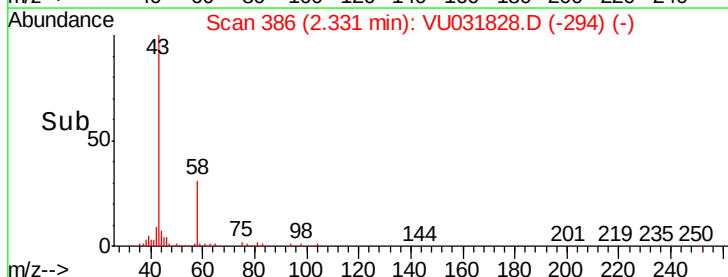
20000

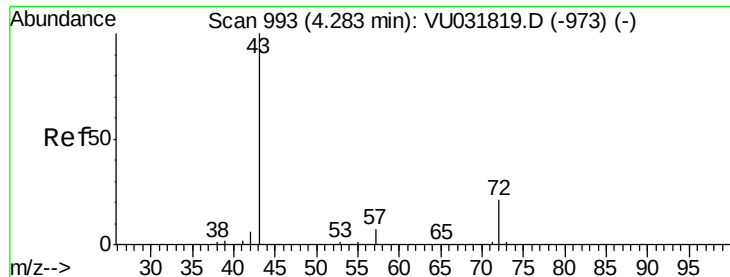
10000

0

2.25 2.30 2.35 2.40

Time-->





#21

2-Butanone

Concen: 1.309 ug/L

RT: 4.29 min Scan# 995

Delta R.T. 0.01 min

Lab File: VU031828.D

Acq: 08 May 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

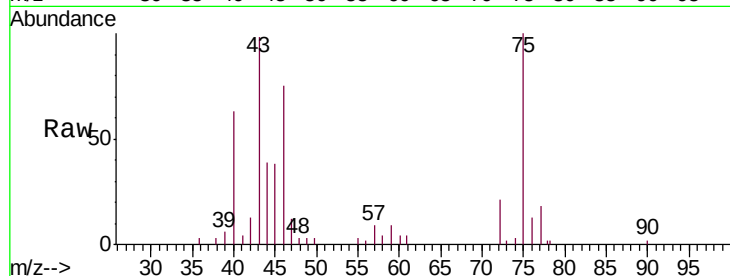
C0XH6

Tgt Ion: 43 Resp: 17701

Ion Ratio Lower Upper

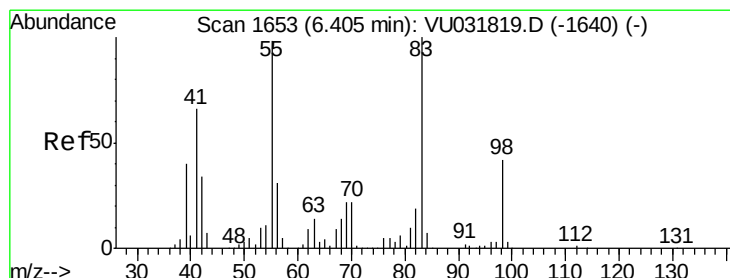
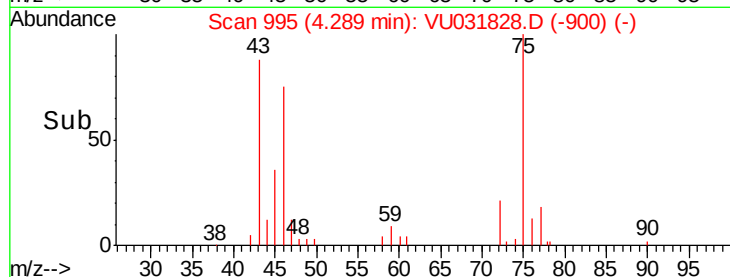
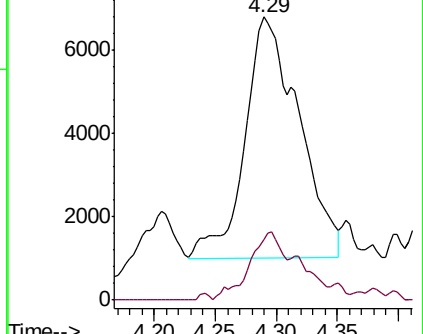
43 100

72 17.4 10.4 31.1



Abundance Ion 43.05 (42.75 to 43.75): VU031828.D (-900) (-)

Ion 72.10 (71.80 to 72.80): VU031828.D (-900) (-)



#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031828.D

Acq: 08 May 2019 18:07

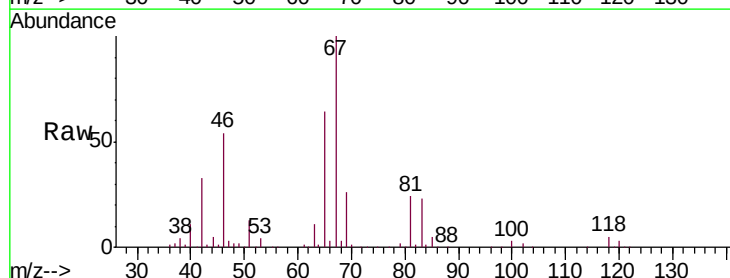
Tgt Ion: 83 Resp: 43275

Ion Ratio Lower Upper

83 100

55 0.5 79.2 118.8#

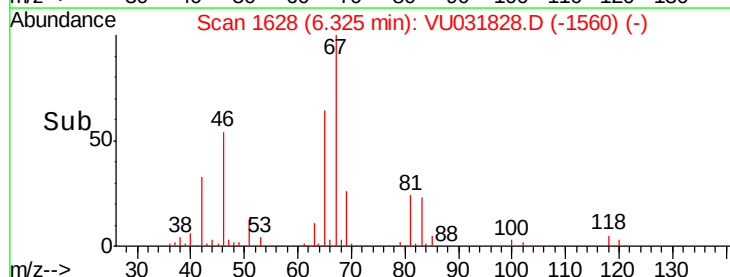
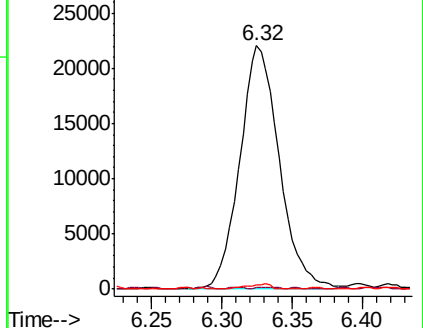
98 1.2 34.0 51.0#

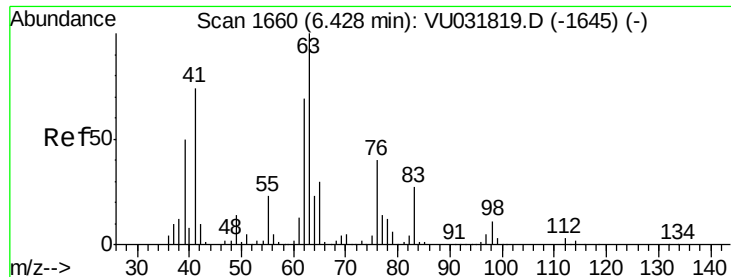


Abundance Ion 83.15 (82.85 to 83.85): VU031828.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU031828.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU031828.D (-1560) (-)





#37

1,2-Dichloropropane

Concen: 0.498 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031828.D

Acq: 08 May 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

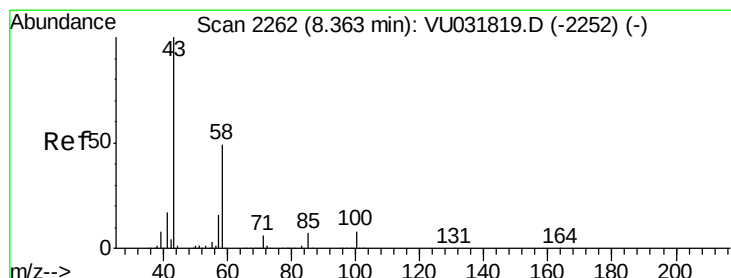
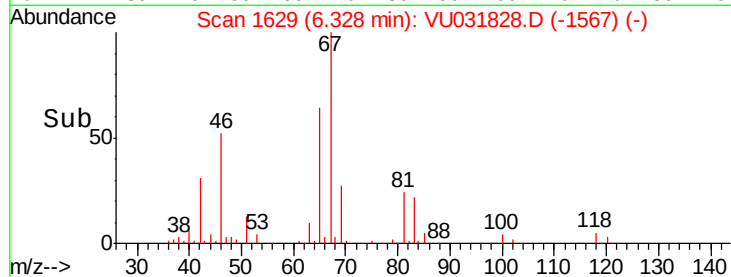
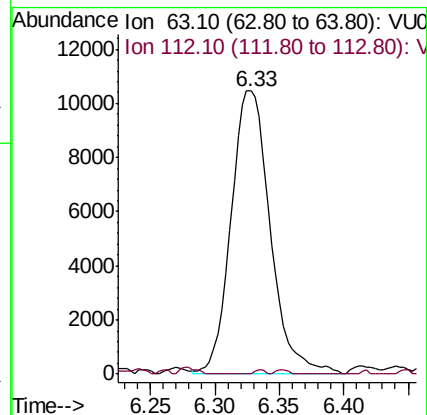
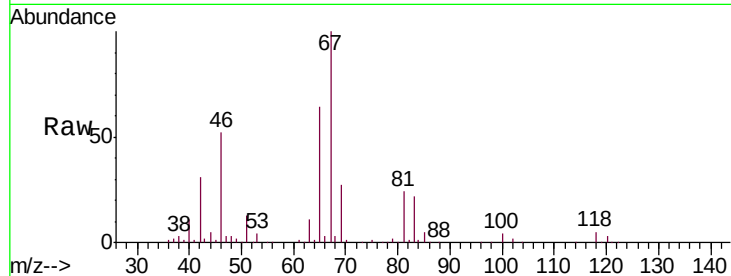
C0XH6

Tgt Ion: 63 Resp: 22138

Ion Ratio Lower Upper

63 100

112 0.4 2.5 3.7#



#48

2-Hexanone

Concen: 1.664 ug/L

RT: 8.38 min Scan# 2266

Delta R.T. 0.01 min

Lab File: VU031828.D

Acq: 08 May 2019 18:07

Tgt Ion: 43 Resp: 35377

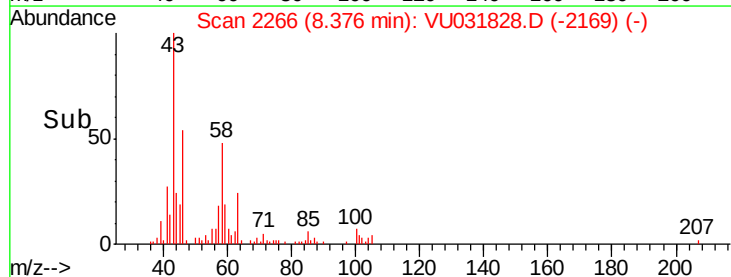
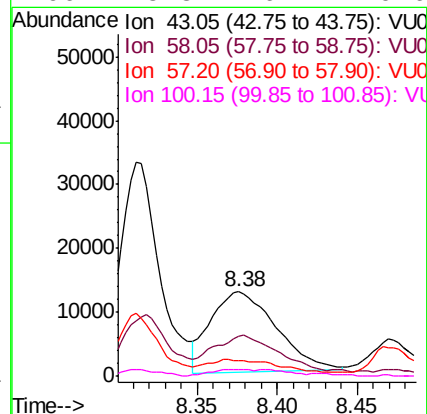
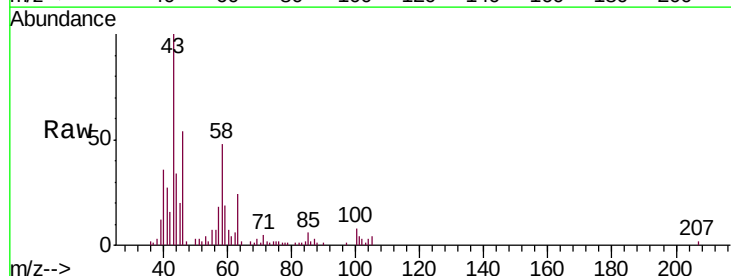
Ion Ratio Lower Upper

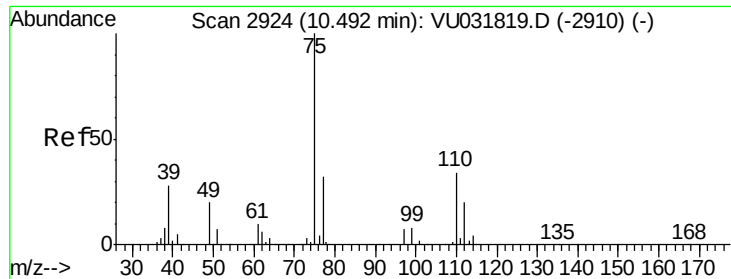
43 100

58 44.5 40.2 60.2

57 5.3 13.8 20.6#

100 5.3 6.4 9.6#

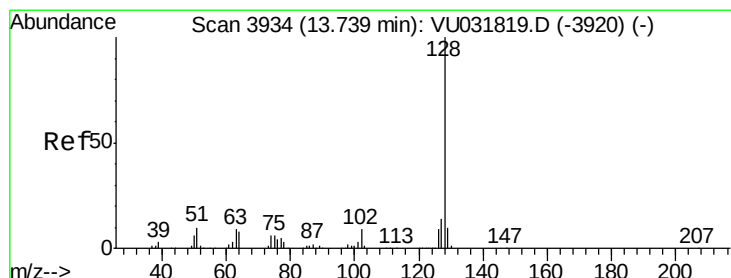
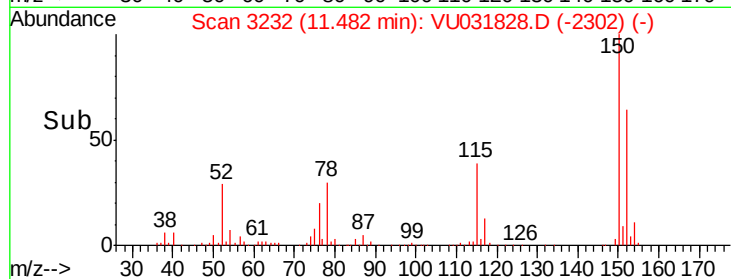
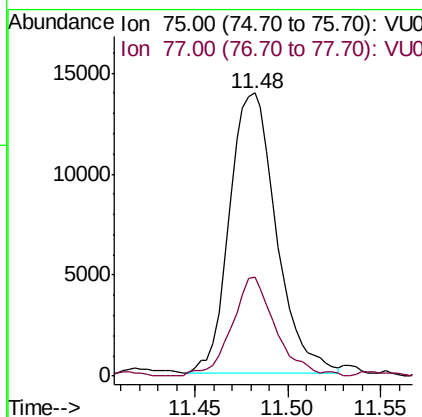
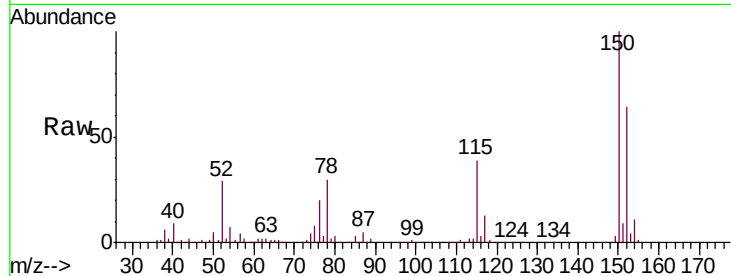




#59
 1,2,3-Trichloropropane
 Concen: 0.929 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU031828.D
 Acq: 08 May 2019 18:07

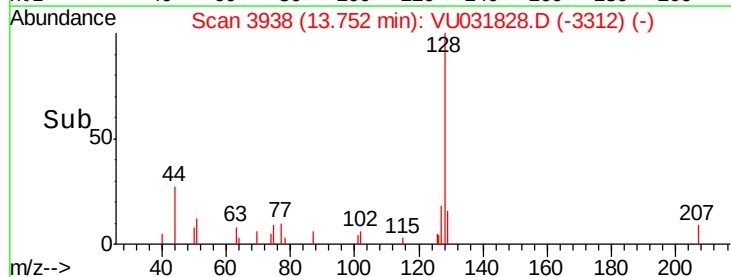
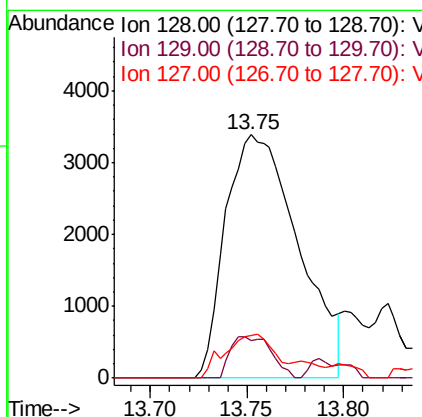
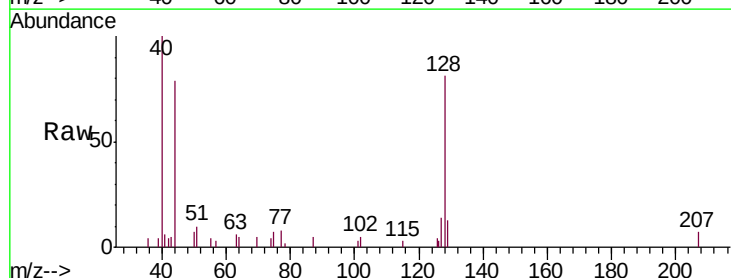
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XH6

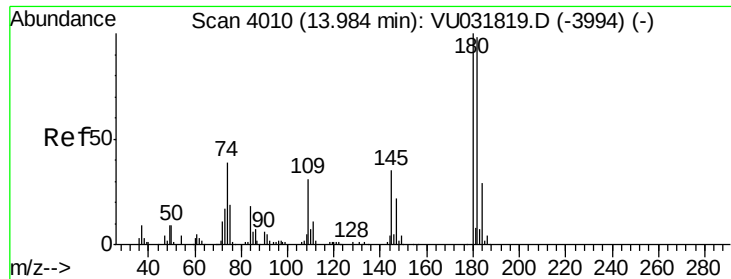
Tgt Ion: 75 Resp: 24445
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.3 39.5



#69
 Naphthalene
 Concen: 0.162 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. 0.01 min
 Lab File: VU031828.D
 Acq: 08 May 2019 18:07

Tgt Ion: 128 Resp: 8869
 Ion Ratio Lower Upper
 128 100
 129 9.6 8.0 12.0
 127 12.2 10.7 16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 0.136 ug/L
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU031828.D
 Acq: 08 May 2019 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XH6

Tgt Ion:180 Resp: 4035
 Ion Ratio Lower Upper
 180 100
 182 85.4 78.4 117.6
 145 17.5 27.4 41.0#

