

Data File : VU030834.D
Acq On : 07 Apr 2019 04:33
Operator : JC/SP
Sample : K2327-08 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF2S2

Quant Time: Apr 08 07:10:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	459850	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177697	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	215409	52.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.96%
7) Chloroethane-d5	1.68	69	169802	54.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.27	63	292069	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
21) 2-Butanone-d5	4.17	46	358649	110.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.24%
24) Chloroform-d	4.64	84	315311	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	5.31	65	229441	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
32) Benzene-d6	5.34	84	652612	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
36) 1,2-Dichloropropane-d6	6.32	67	232584	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.66%
41) Toluene-d8	7.56	98	551800	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%
43) trans-1,3-Dichloropropene-	7.85	79	92921	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
47) 2-Hexanone-d5	8.31	63	205985	98.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309712	50.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	186161	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%

Target Compounds

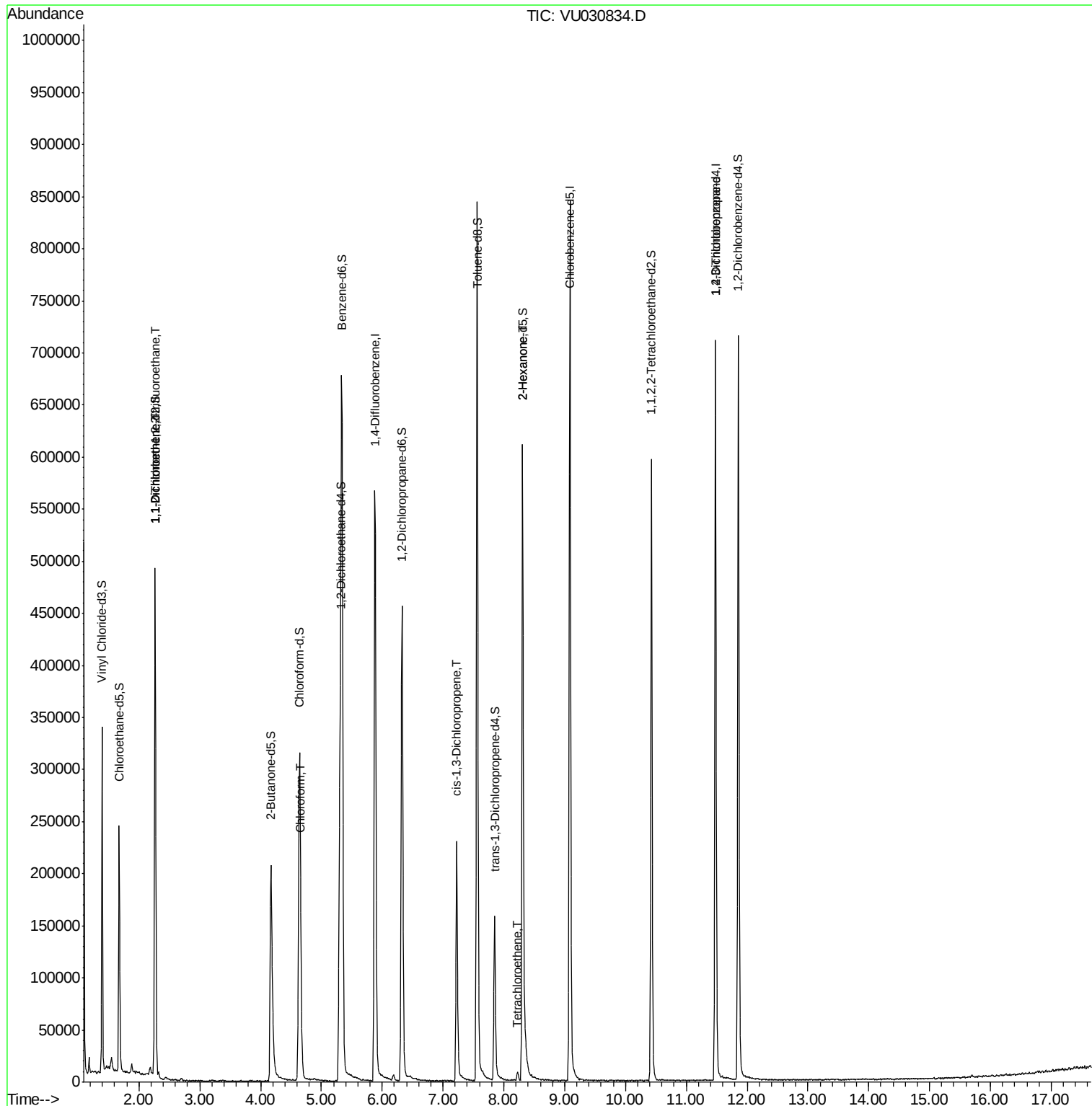
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2381	0.723 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	2221	0.699 ug/L #	1
25) Chloroform	4.67	83	20768	2.967 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	5369	0.890 ug/L #	65
46) Tetrachloroethene	8.23	164	2119	0.794 ug/L	91
48) 2-Hexanone	8.31	43	27338	5.141 ug/L #	72
59) 1,2,3-Trichloropropane	11.48	75	24414	4.810 ug/L	92

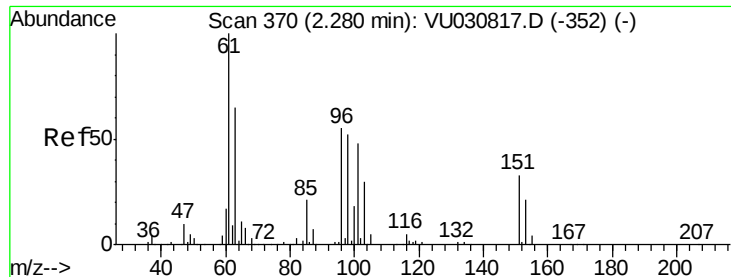
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.723 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Acq: 07 Apr 2019 04:33

Instrument :

MSVOA_U

ClientSampleId :

BF2S2

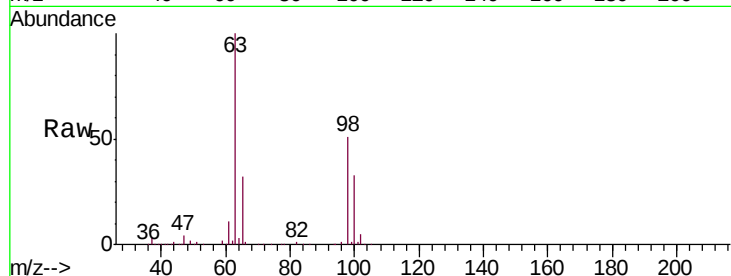
Tgt Ion: 101 Resp: 2381

Ion Ratio Lower Upper

101 100

85 1.8 36.8 55.2#

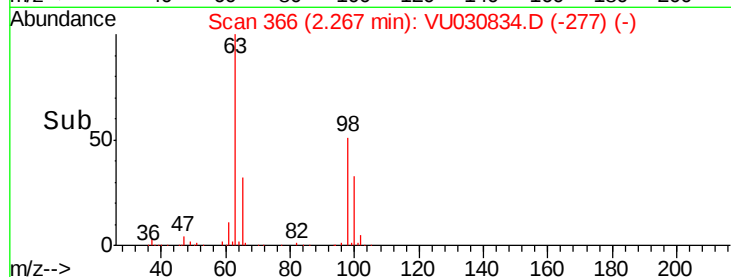
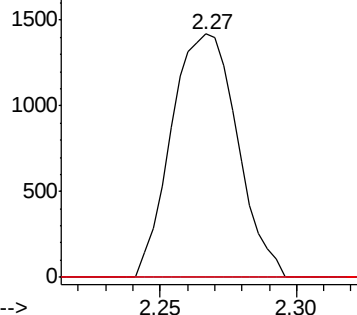
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.699 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU030834.D

Acq: 07 Apr 2019 04:33

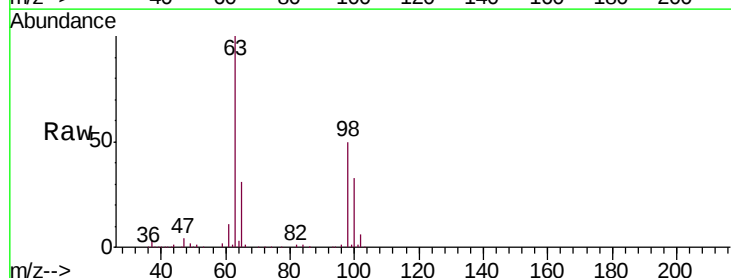
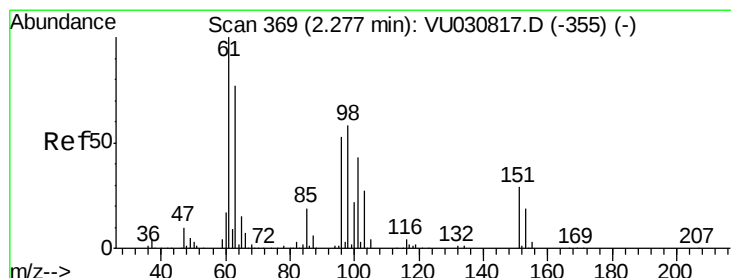
Tgt Ion: 96 Resp: 2221

Ion Ratio Lower Upper

96 100

61 1574.5 132.0 245.2#

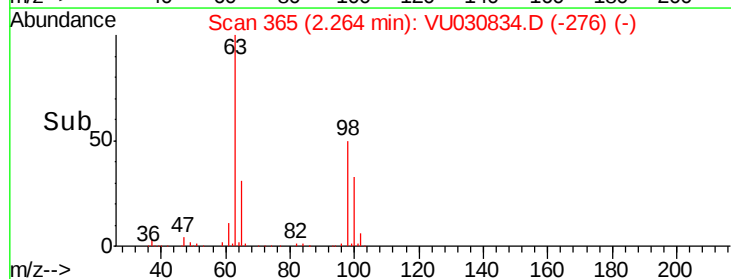
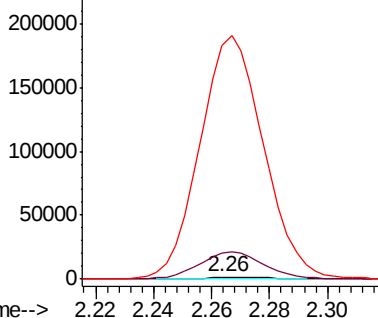
63 13839.9 90.9 168.9#

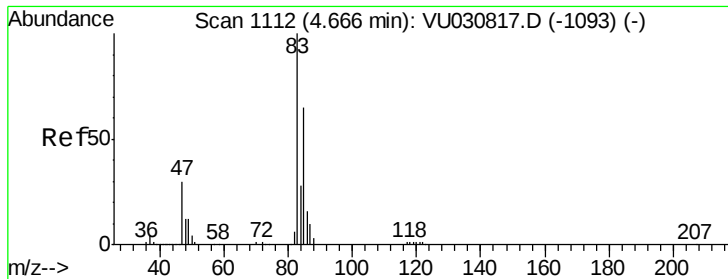


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

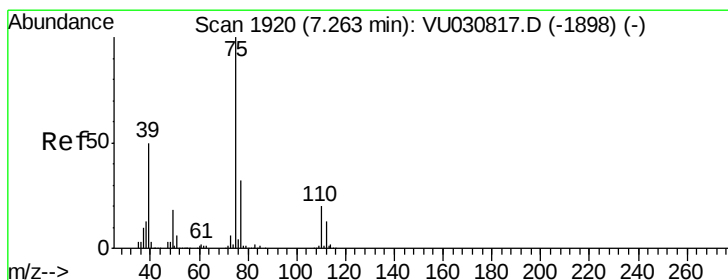
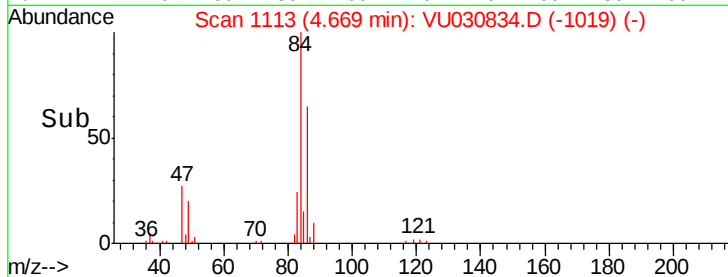
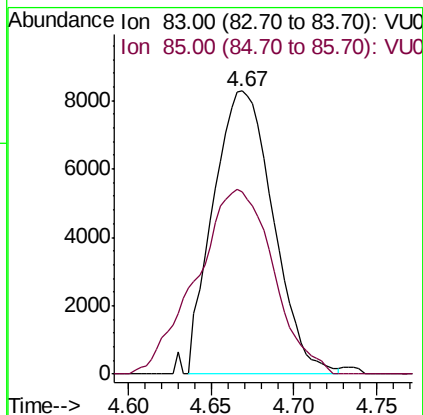
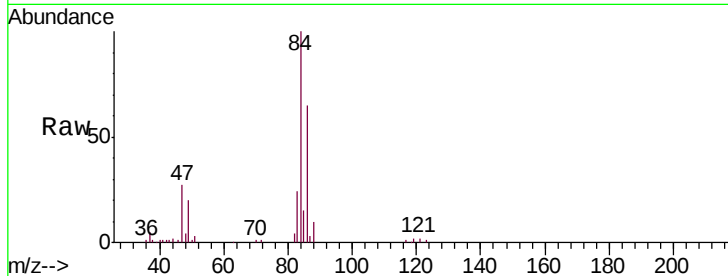




#25
Chloroform
Concen: 2.967 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030834.D
Acq: 07 Apr 2019 04:33

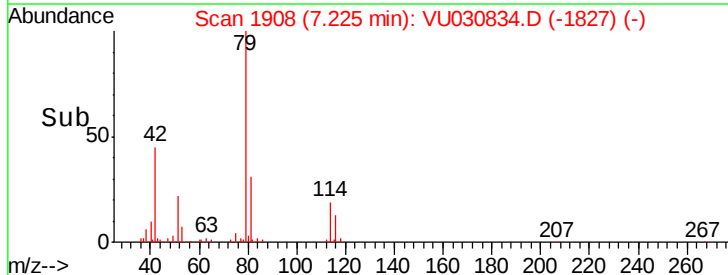
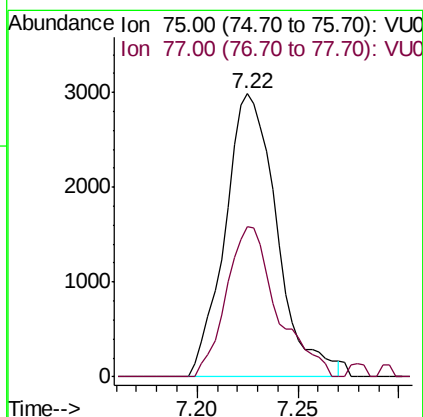
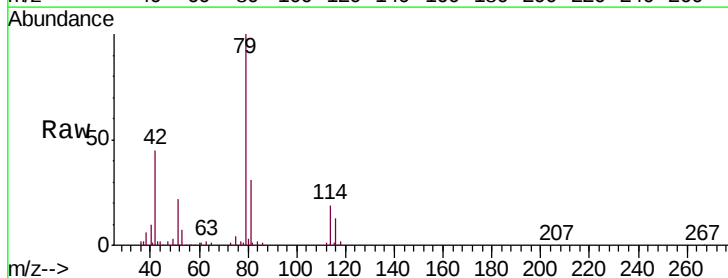
Instrument :
MSVOA_U
ClientSampleId :
BF2S2

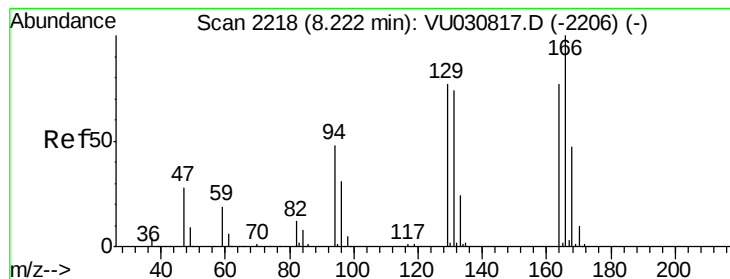
Tgt Ion: 83 Resp: 20768
Ion Ratio Lower Upper
83 100
85 64.4 45.8 85.0



#39
cis-1,3-Dichloropropene
Concen: 0.890 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030834.D
Acq: 07 Apr 2019 04:33

Tgt Ion: 75 Resp: 5369
Ion Ratio Lower Upper
75 100
77 52.9 23.1 42.9#





#46

Tetrachloroethene

Concen: 0.794 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU030834.D

Acq: 07 Apr 2019 04:33

Instrument :

MSVOA_U

ClientSampled :

BF2S2

Tgt Ion:164 Resp: 2119

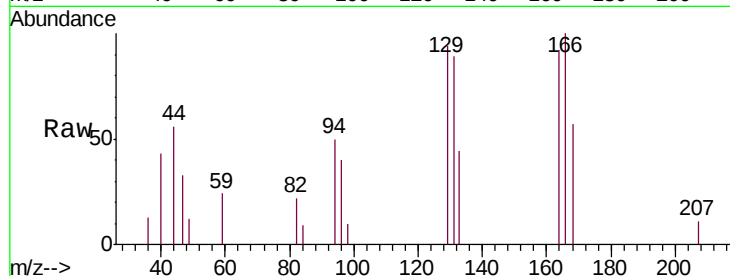
Ion Ratio Lower Upper

164 100

129 101.8 67.4 125.2

131 96.4 65.9 122.5

166 108.5 88.6 164.6

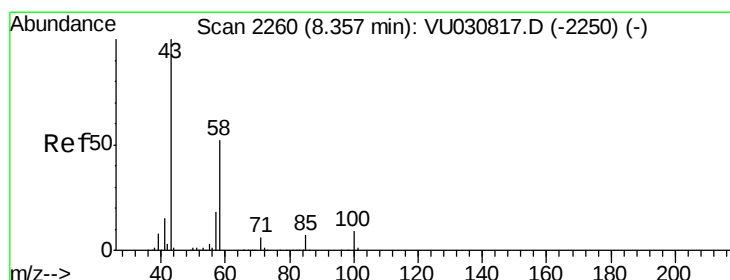
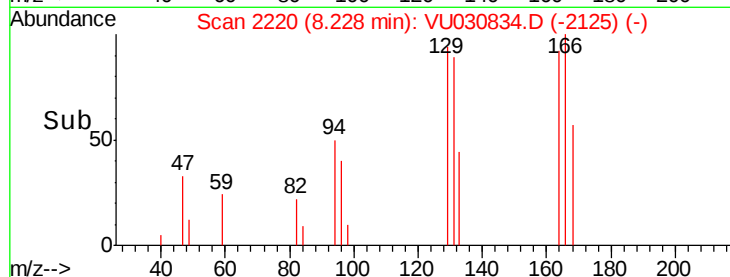
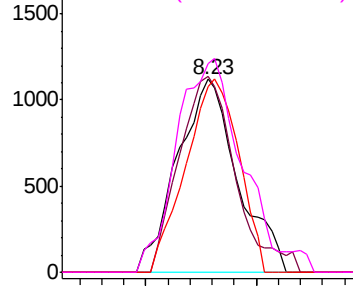


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.141 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU030834.D

Acq: 07 Apr 2019 04:33

Tgt Ion: 43 Resp: 27338

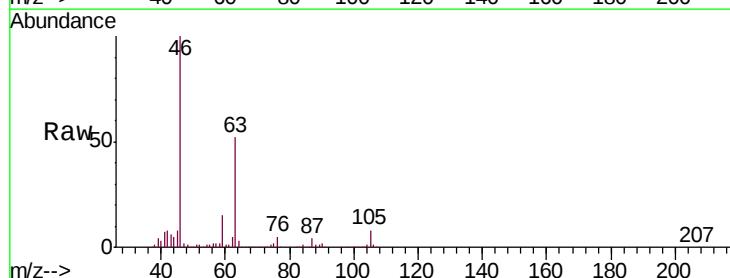
Ion Ratio Lower Upper

43 100

58 33.1 41.9 62.9#

57 31.9 14.3 21.5#

100 1.2 7.1 10.7#

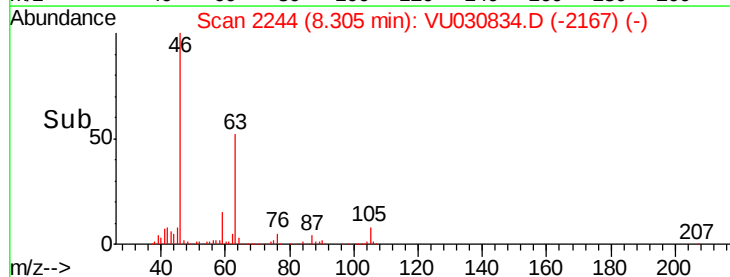
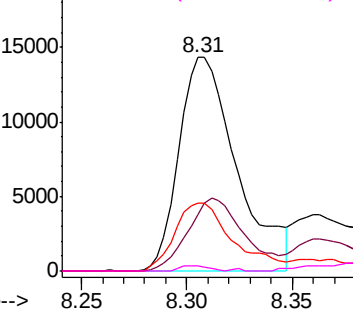


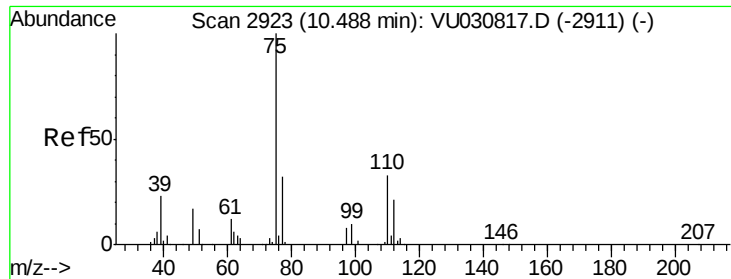
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.810 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030834.D

Acq: 07 Apr 2019 04:33

Instrument :

MSVOA_U

ClientSampleId :

BF2S2

Tgt Ion: 75 Resp: 24414

Ion Ratio Lower Upper

75 100

77 37.0 26.1 39.1

