

Data File : VU034798.D
Acq On : 25 Sep 2019 13:19
Operator : JC/SP
Sample : K4948-01DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDM9DL

Quant Time: Sep 26 04:44:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 04:40:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	468397	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	455124	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	189582	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	223254	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.12%
7) Chloroethane-d5	1.67	69	192384	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.82%
11) 1,1-Dichloroethene-d2	2.45	63	255	0.03	ug/L	0.19
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.15	46	408843	111.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.25%
24) Chloroform-d	4.62	84	357473	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	5.29	65	255954	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
32) Benzene-d6	5.32	84	782413	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.92%
36) 1,2-Dichloropropane-d6	6.31	67	271939	55.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.30%
41) Toluene-d8	7.54	98	740620	55.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.36%
43) trans-1,3-Dichloropropene-	7.83	79	119257	50.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.00%
47) 2-Hexanone-d5	8.29	63	275999	111.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.45%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	356237	52.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.14%
64) 1,2-Dichlorobenzene-d4	11.84	152	243180	61.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.34%#

Target Compounds

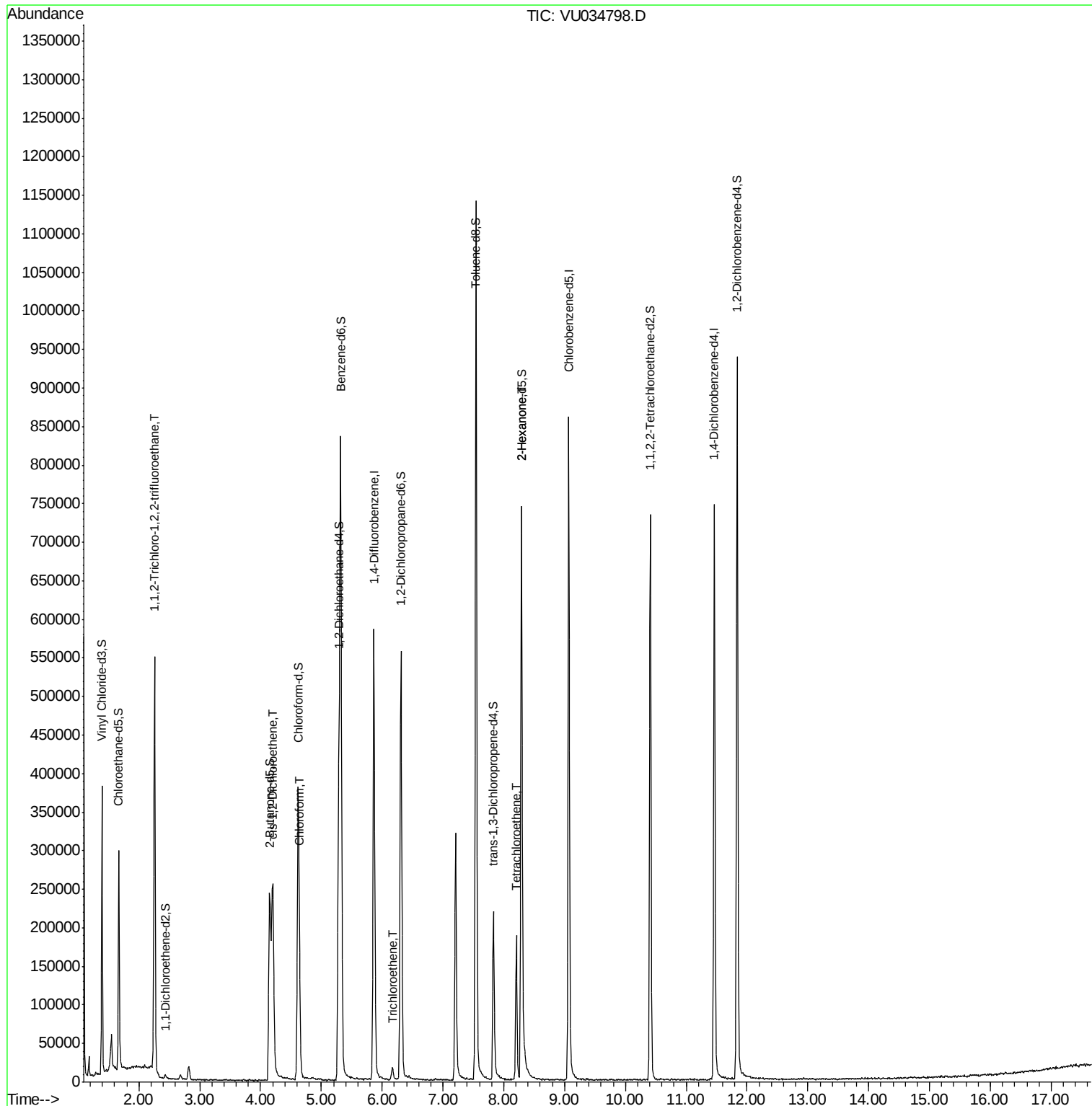
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2522	0.790 ug/L #	25
20) cis-1,2-Dichloroethene	4.20	96	124879	31.876 ug/L	89
25) Chloroform	4.65	83	13359	1.765 ug/L	96
34) Trichloroethene	6.17	95	5106	1.310 ug/L	87
46) Tetrachloroethene	8.21	164	37217	13.572 ug/L	95
48) 2-Hexanone	8.29	43	32606	4.652 ug/L #	72

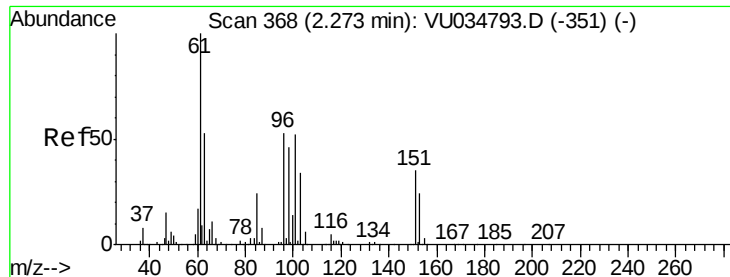
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.790 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU034798.D

Acq: 25 Sep 2019 13:19

Instrument :

MSVOA_U

ClientSampled :

BEDM9DL

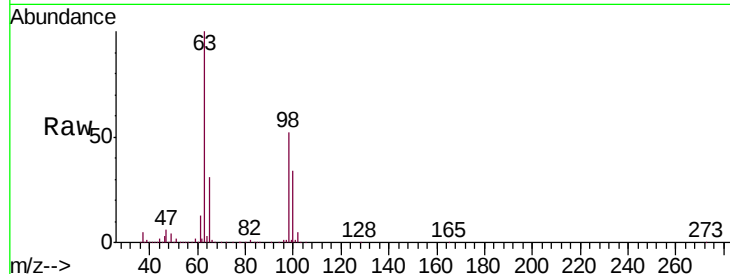
Tgt Ion:101 Resp: 2522

Ion Ratio Lower Upper

101 100

85 2.1 39.0 58.4#

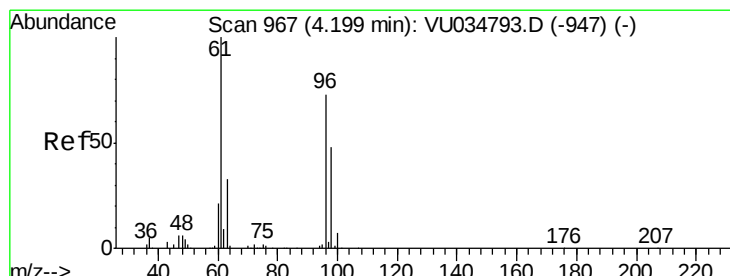
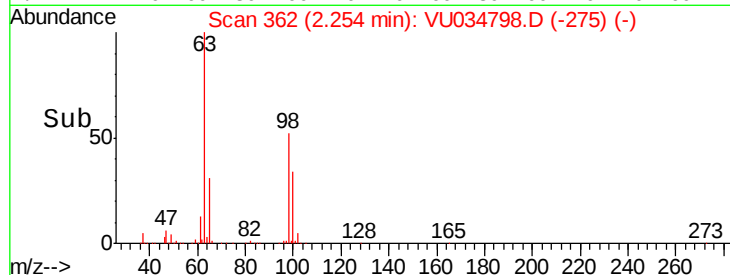
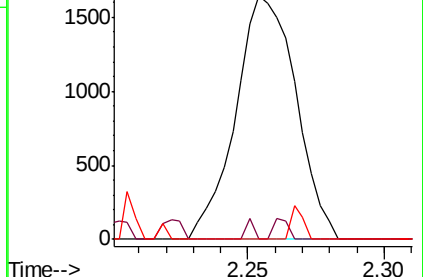
151 2.9 52.8 79.2#



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



#20

cis-1,2-Dichloroethene

Concen: 31.876 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU034798.D

Acq: 25 Sep 2019 13:19

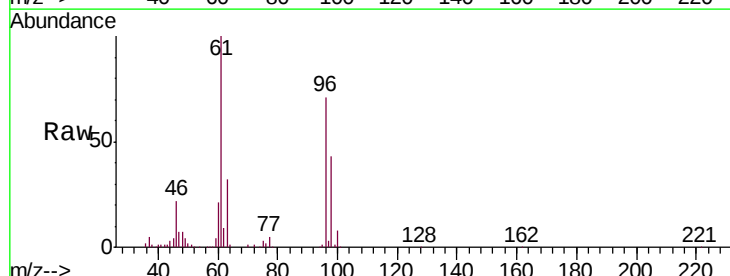
Tgt Ion: 96 Resp: 124879

Ion Ratio Lower Upper

96 100

61 141.5 108.8 202.2

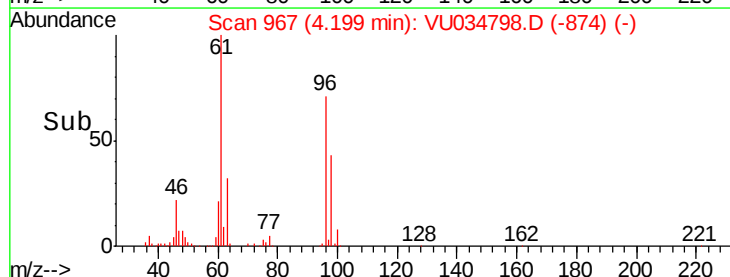
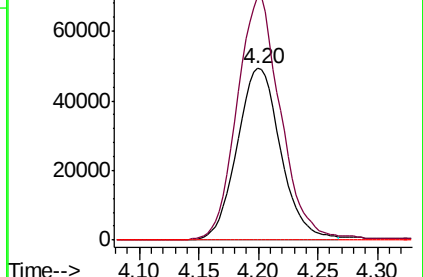
68 0.0 0.0 0.0

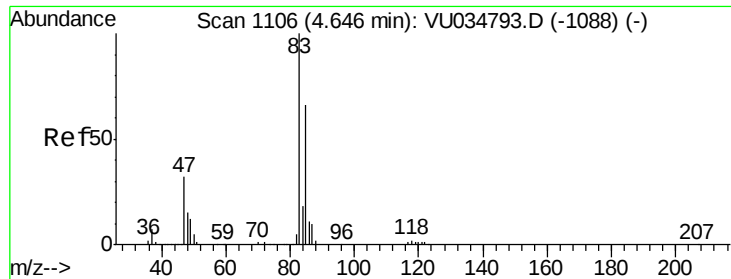


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 1.765 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU034798.D

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Instrument :

MSVOA_U

ClientSampleId :

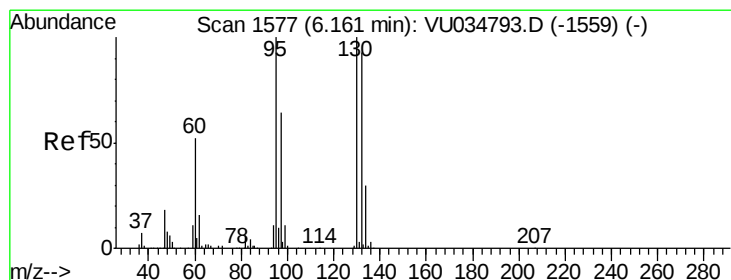
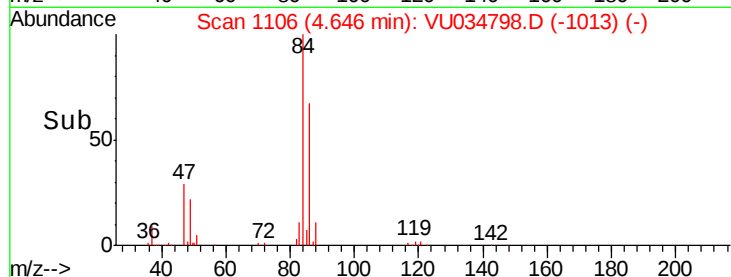
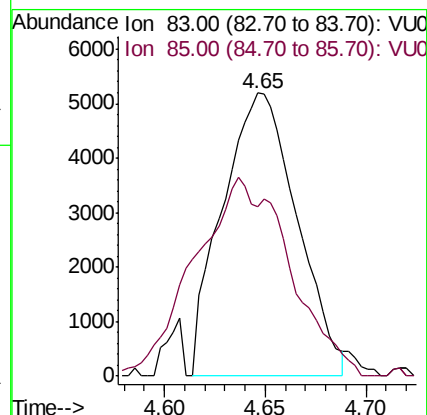
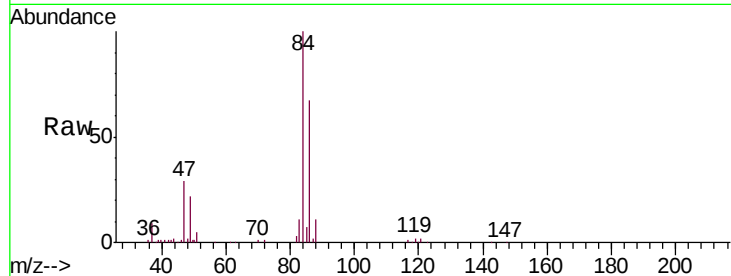
BEDM9DL

Tgt Ion: 83 Resp: 13359

Ion Ratio Lower Upper

83 100

85 59.9 44.0 81.6



#34

Trichloroethene

Concen: 1.310 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VU034798.D

Acq: 25 Sep 2019 13:19

Tgt Ion: 95 Resp: 5106

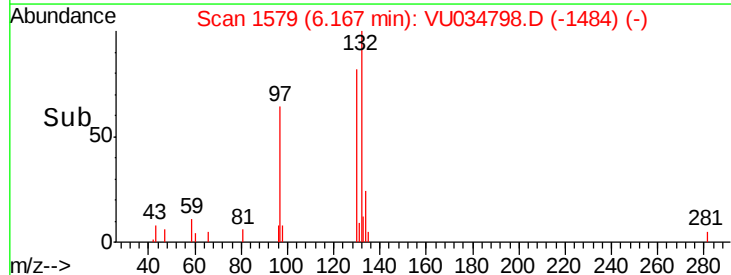
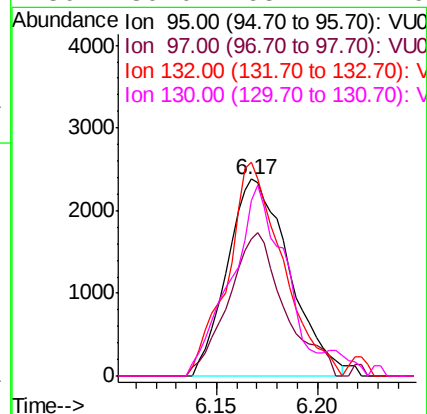
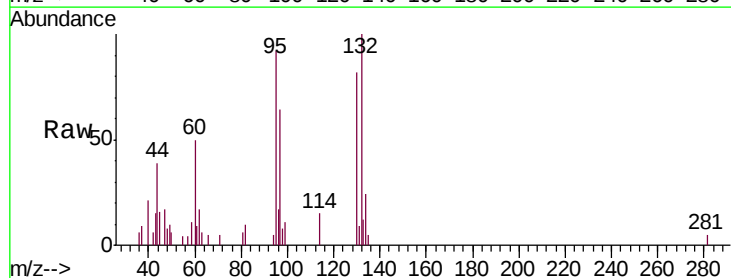
Ion Ratio Lower Upper

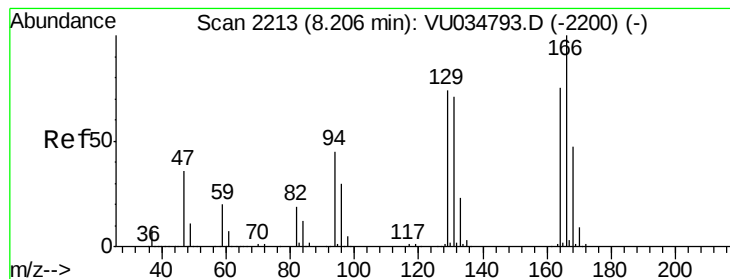
95 100

97 69.8 43.7 81.1

132 108.5 61.0 113.2

130 89.0 65.7 121.9





#46

Tetrachloroethene

Concen: 13.572 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034798.D

Acq: 25 Sep 2019 13:19

Instrument :

MSVOA_U

ClientSampleId :

BEDM9DL

Tgt Ion:164 Resp: 37217

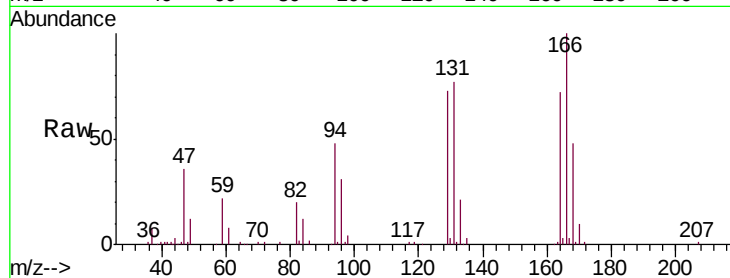
Ion Ratio Lower Upper

164 100

129 101.3 71.9 133.5

131 106.1 66.3 123.1

166 138.2 93.4 173.6

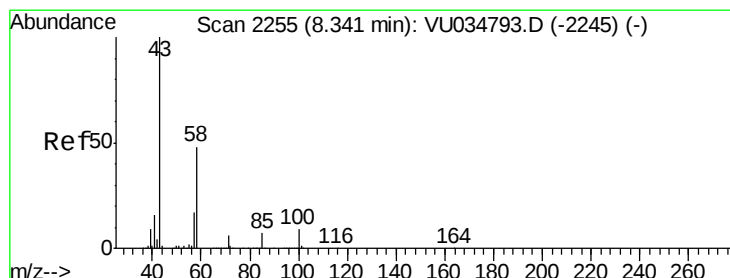
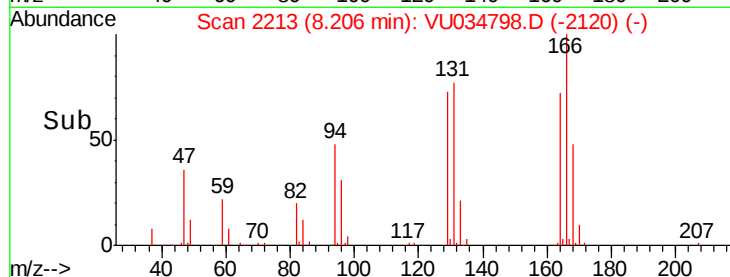
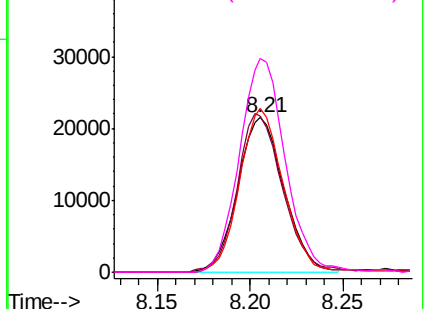


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.652 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. -0.05 min

Lab File: VU034798.D

Acq: 25 Sep 2019 13:19

Tgt Ion: 43 Resp: 32606

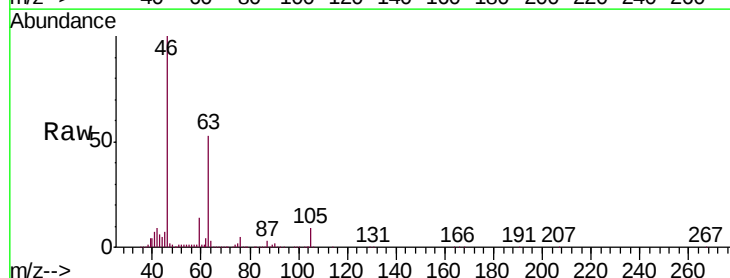
Ion Ratio Lower Upper

43 100

58 21.2 35.3 52.9#

57 20.1 12.1 18.1#

100 0.4 6.2 9.4#



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

