

Data File : VU034785.D
Acq On : 24 Sep 2019 20:43
Operator : JC/SP
Sample : K4948-02DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEDN2DL

Quant Time: Sep 25 03:05:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	604118	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	570828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	252135	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214280	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.30%
7) Chloroethane-d5	1.64	69	192247	40.22	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.44%
11) 1,1-Dichloroethene-d2	2.33	63	168	0.02	ug/L	0.08
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.15	46	489423	103.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.25%
24) Chloroform-d	4.62	84	395180	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.28	65	284784	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
32) Benzene-d6	5.31	84	852998	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
36) 1,2-Dichloropropane-d6	6.31	67	296562	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.54	98	790676	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.83	79	135169	45.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.28%
47) 2-Hexanone-d5	8.29	63	340744	109.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	428212	49.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	279350	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

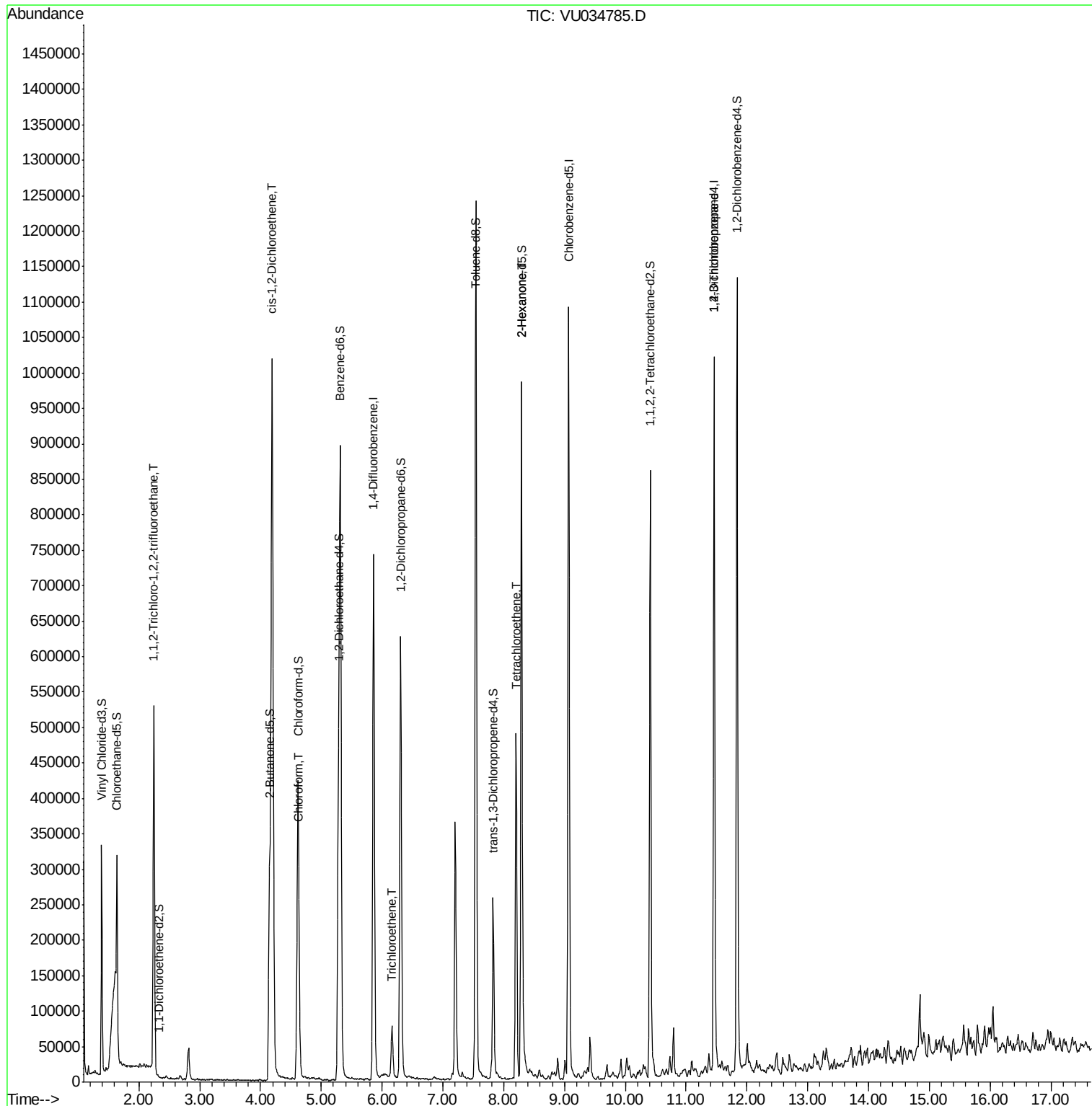
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.24	101	3084	0.749	ug/L #	27
20) cis-1,2-Dichloroethene	4.19	96	517889	102.495	ug/L	89
25) Chloroform	4.64	83	11889	1.218	ug/L	85
34) Trichloroethene	6.16	95	24346	4.979	ug/L	96
46) Tetrachloroethene	8.21	164	102245	29.729	ug/L	96
48) 2-Hexanone	8.29	43	49348	5.614	ug/L #	66
59) 1,2,3-Trichloropropane	11.46	75	35013	4.755	ug/L	93

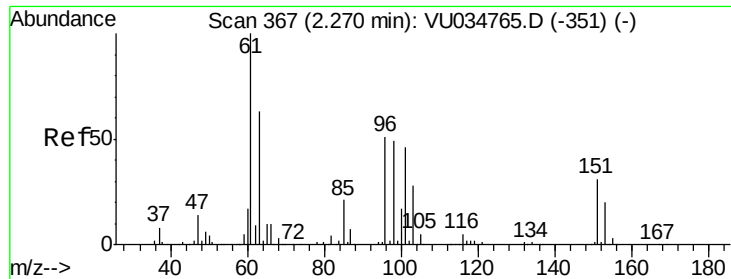
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.749 ug/L

RT: 2.24 min Scan# 358

Delta R.T. -0.03 min

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MSVOA_U

ClientSampleId :

BEDN2DL

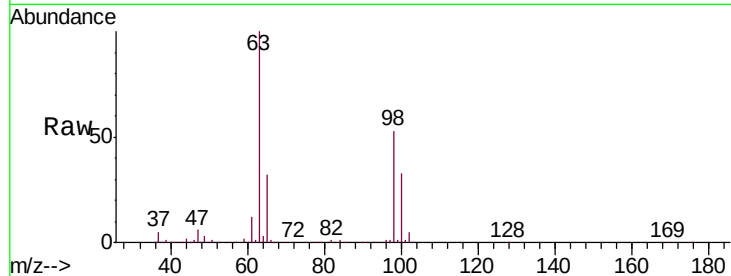
Tgt Ion: 101 Resp: 3084

Ion Ratio Lower Upper

101 100

85 3.5 39.0 58.4#

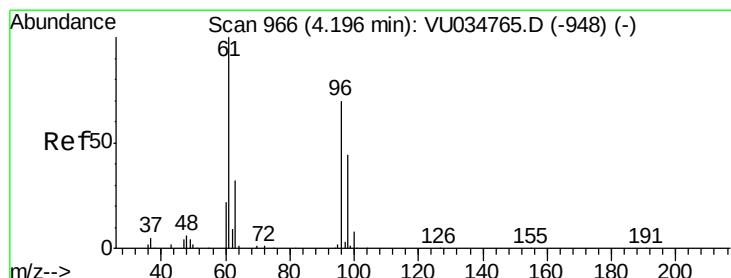
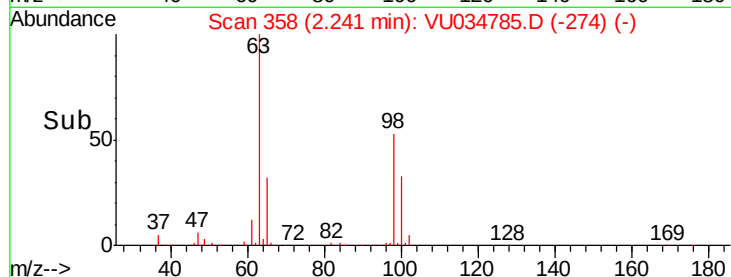
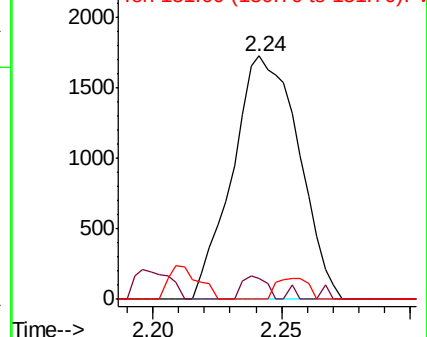
151 4.2 52.8 79.2#



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: 102.495 ug/L

RT: 4.19 min Scan# 965

Delta R.T. -0.00 min

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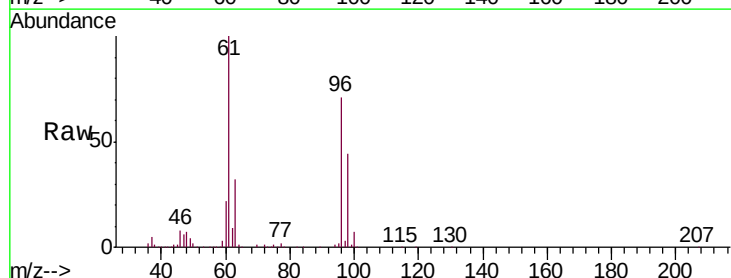
Tgt Ion: 96 Resp: 517889

Ion Ratio Lower Upper

96 100

61 141.8 108.8 202.2

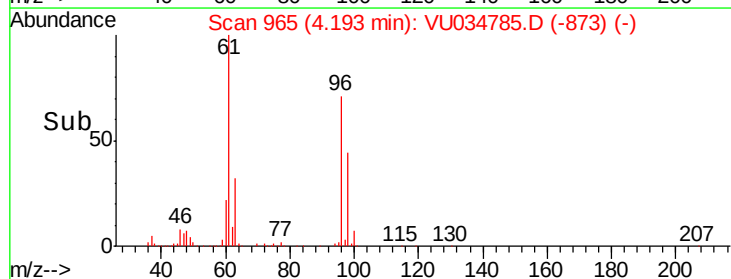
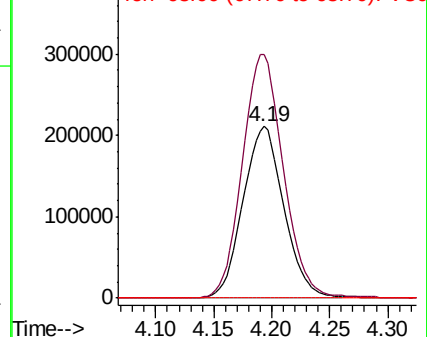
68 0.0 0.0 0.0

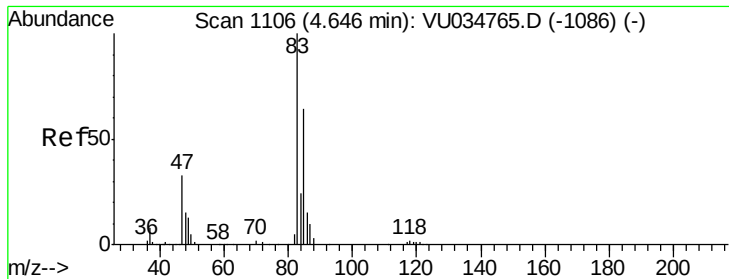


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25

Chloroform

Concen: 1.218 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

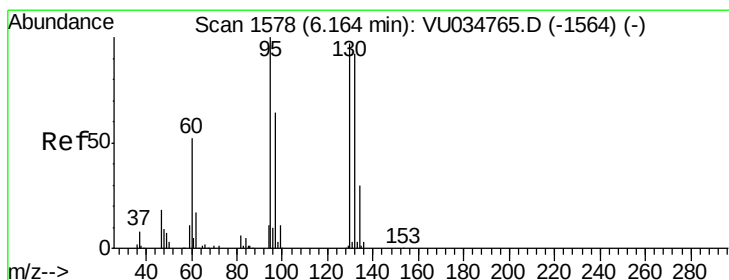
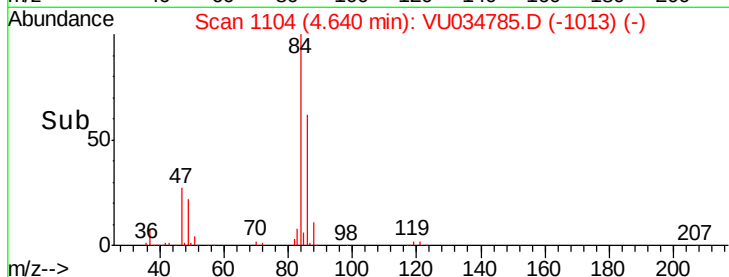
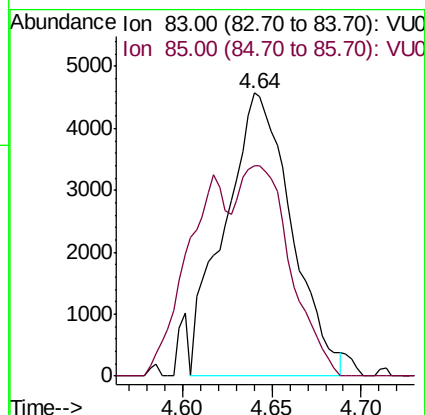
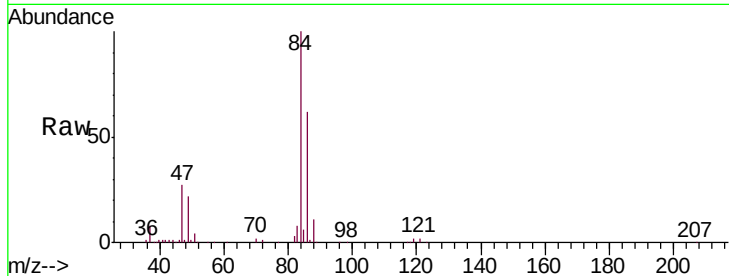
BEDN2DL

Tgt Ion: 83 Resp: 11889

Ion Ratio Lower Upper

83 100

85 74.3 44.0 81.6



#34

Trichloroethene

Concen: 4.979 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU034785.D

Acq: 24 Sep 2019 20:43

Tgt Ion: 95 Resp: 24346

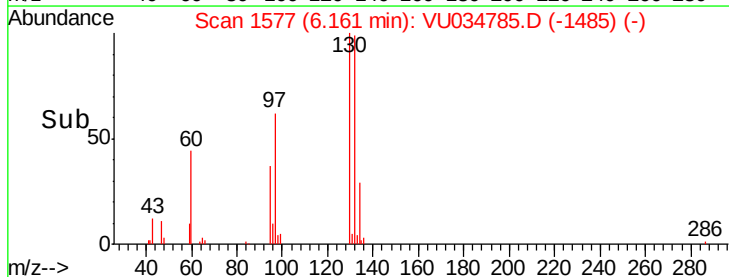
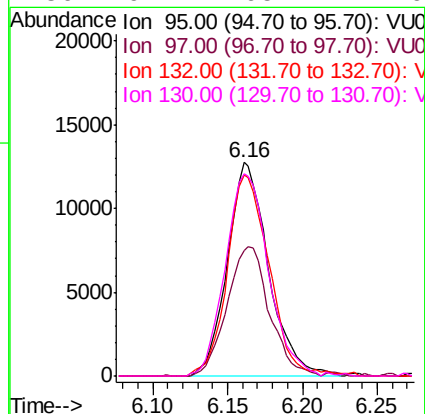
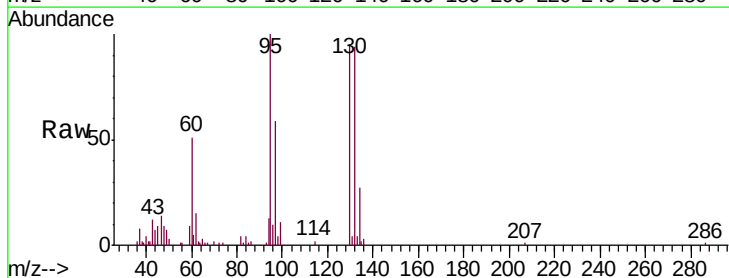
Ion Ratio Lower Upper

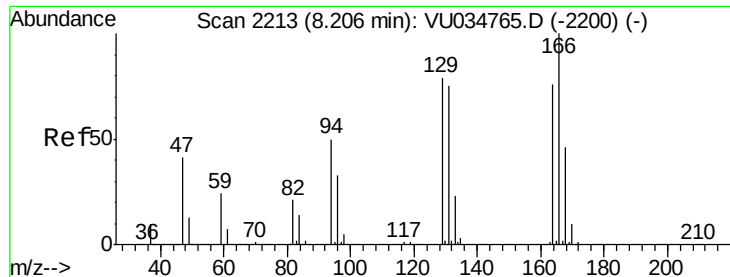
95 100

97 58.7 43.7 81.1

132 94.1 61.0 113.2

130 94.7 65.7 121.9





#46

Tetrachloroethene

Concen: 29.729 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034785.D

Acq: 24 Sep 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

BEDN2DL

Tgt Ion:164 Resp: 102245

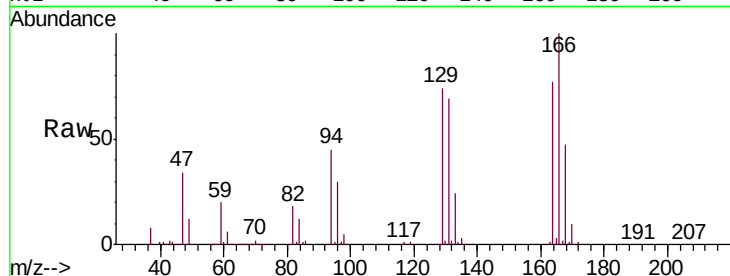
Ion Ratio Lower Upper

164 100

129 96.2 71.9 133.5

131 90.0 66.3 123.1

166 130.6 93.4 173.6

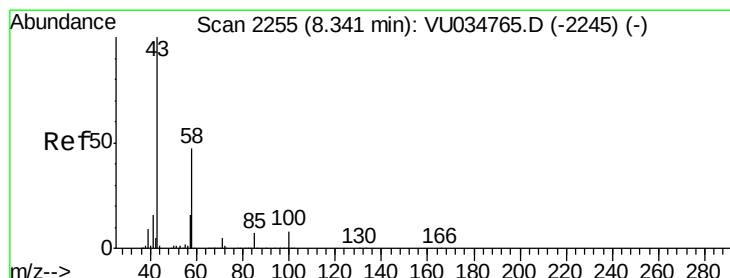
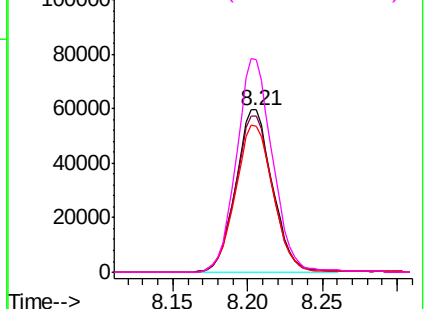
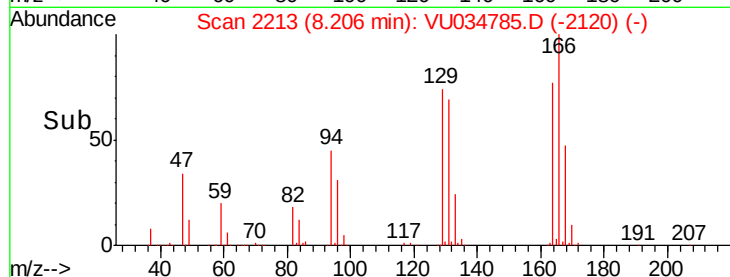


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.614 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

Lab File: VU034785.D

Acq: 24 Sep 2019 20:43

Tgt Ion: 43 Resp: 49348

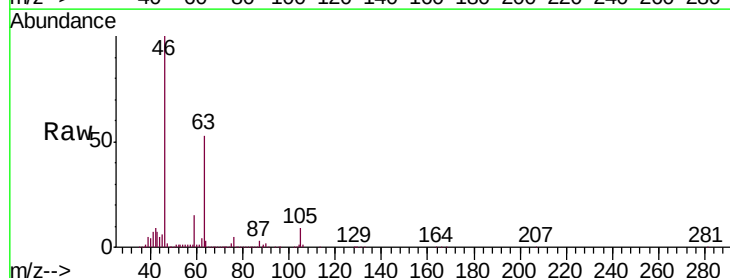
Ion Ratio Lower Upper

43 100

58 17.6 35.3 52.9#

57 23.4 12.1 18.1#

100 0.1 6.2 9.4#

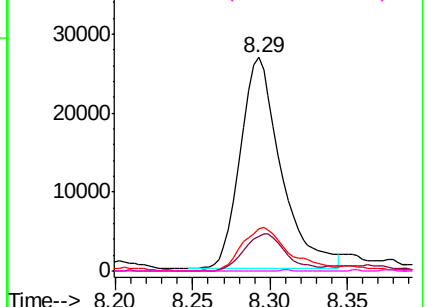
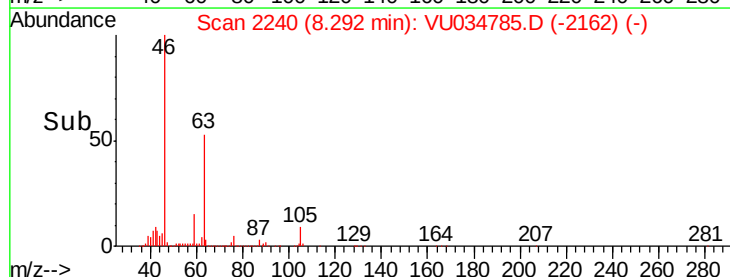


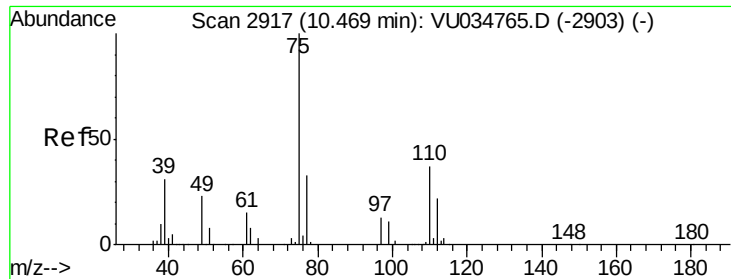
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#59

1,2,3-Trichloropropane

Concen: 4.755 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034785.D

Acq: 24 Sep 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

BEDN2DL

Tgt Ion: 75 Resp: 35013

Ion Ratio Lower Upper

75 100

77 34.9 24.6 37.0

