

Data File : VU030044.D
Acq On : 13 Mar 2019 20:57
Operator : JC/SP
Sample : K1885-03
Misc : 5.94g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF187ME

Quant Time: Mar 14 03:55:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	539732	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	544883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	293339	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120495	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.50%
7) Chloroethane-d5	1.64	69	57731	20.03	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.06%#
11) 1,1-Dichloroethene-d2	2.31	63	204	0.03	ug/L	0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	4.19	46	246757	92.25	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.25%
24) Chloroform-d	4.64	84	256381	40.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.08%
26) 1,2-Dichloroethane-d4	5.30	65	157691	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
32) Benzene-d6	5.33	84	541140	38.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.16%
36) 1,2-Dichloropropane-d6	6.32	67	177774	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.82%
41) Toluene-d8	7.56	98	491893	37.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.90%#
43) trans-1,3-Dichloropropene-	7.85	79	82087	39.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.96%
47) 2-Hexanone-d5	8.32	63	234426	97.60	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322956	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	247598	43.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.14%

Target Compounds

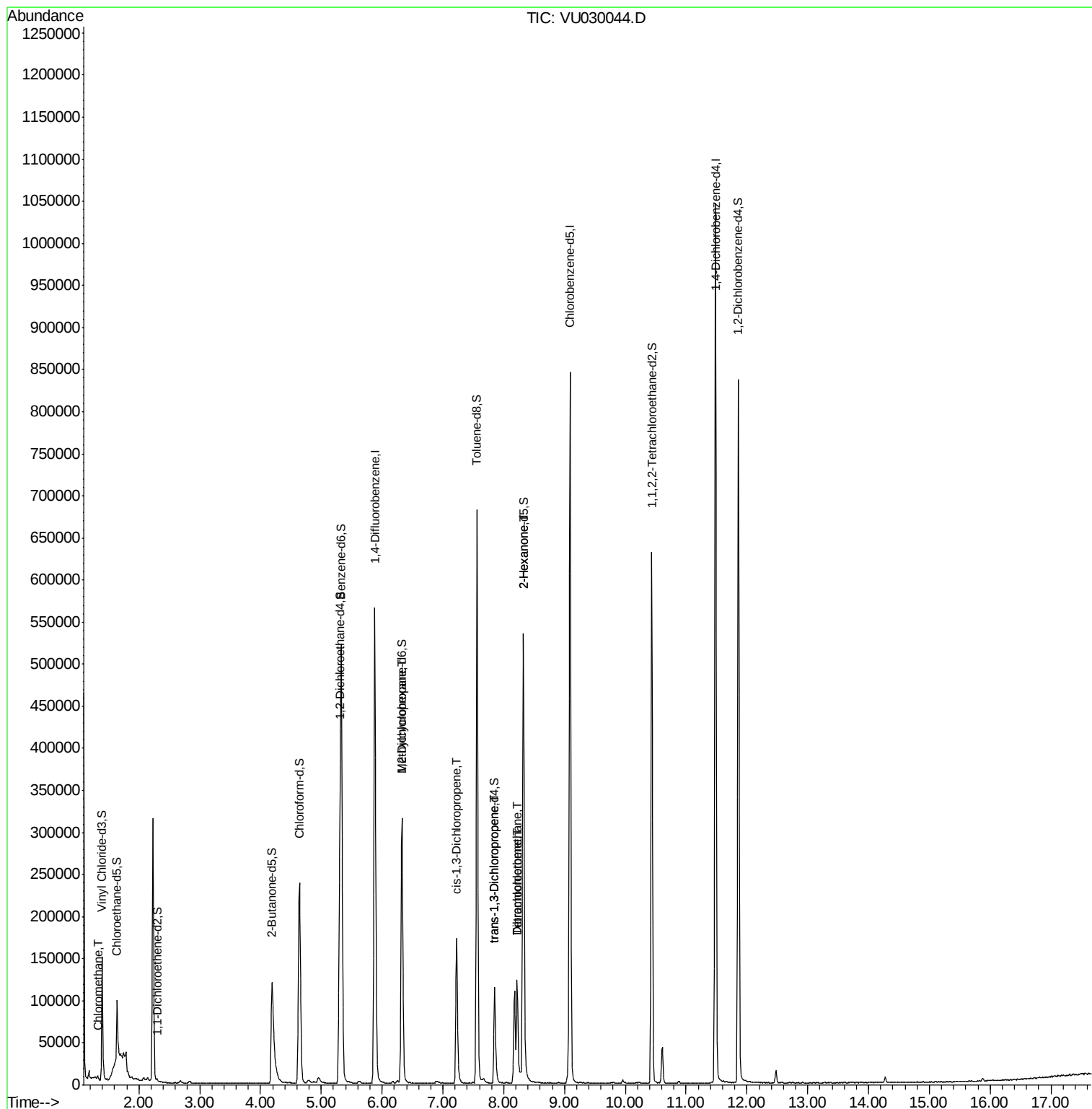
					Qvalue
3) Chloromethane	1.32	50	3489	0.927 ug/L	99
35) Methylcyclohexane	6.32	83	40323	6.085 ug/L #	21
39) cis-1,3-Dichloropropene	7.22	75	4223	0.662 ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	3312	0.568 ug/L #	80
46) Tetrachloroethene	8.22	164	29238	8.176 ug/L	99
48) 2-Hexanone	8.32	43	22227	4.705 ug/L #	62
49) Dibromochloromethane	8.22	129	26281	5.735 ug/L #	10

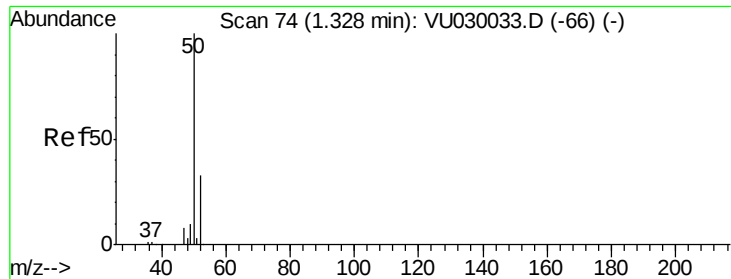
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.927 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU030044.D

Acq: 13 Mar 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

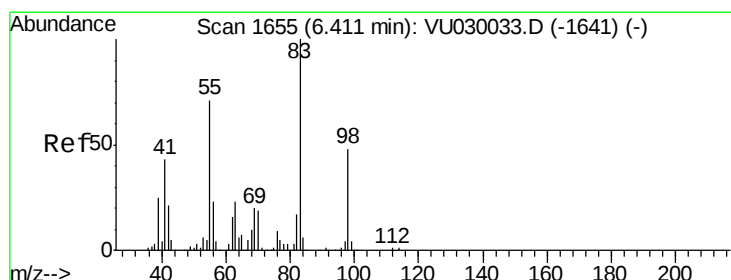
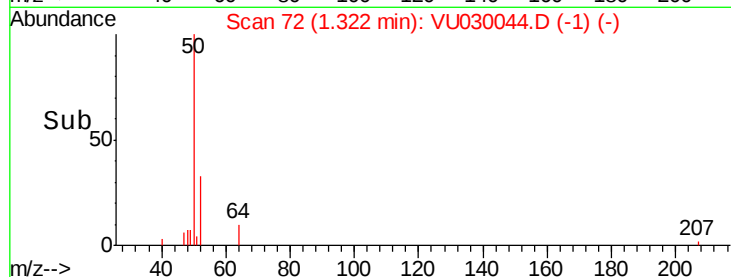
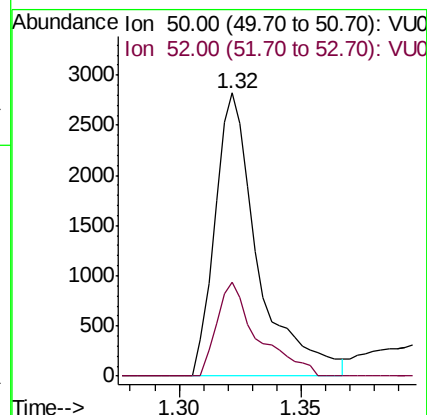
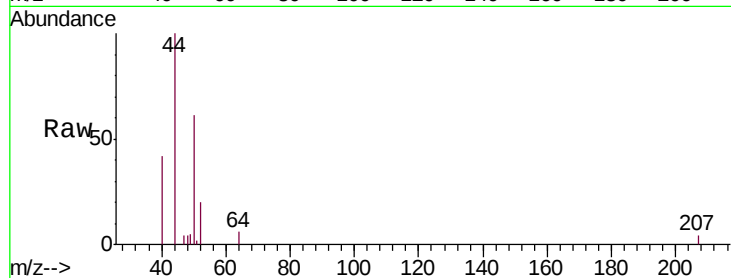
BF187ME

Tgt Ion: 50 Resp: 3489

Ion Ratio Lower Upper

50 100

52 33.1 23.4 43.6



#35

Methylcyclohexane

Concen: 6.085 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU030044.D

Acq: 13 Mar 2019 20:57

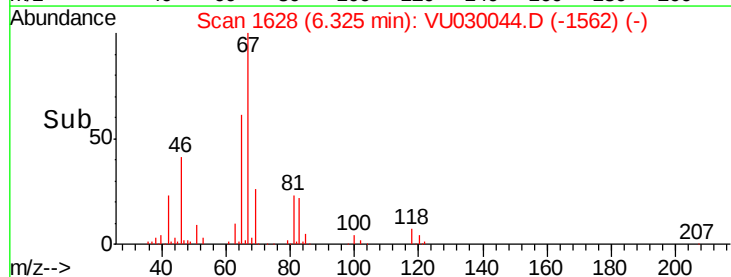
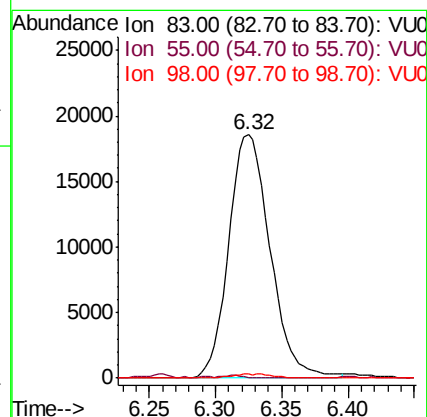
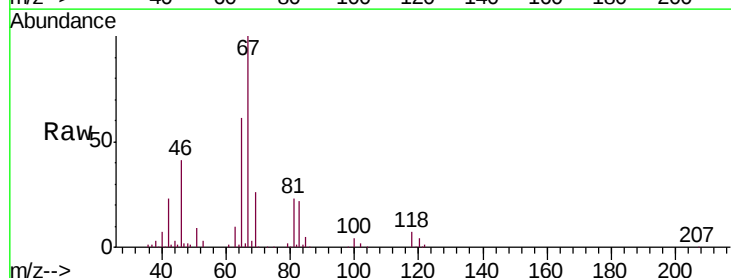
Tgt Ion: 83 Resp: 40323

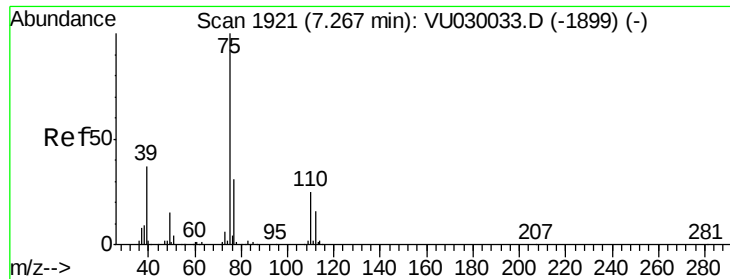
Ion Ratio Lower Upper

83 100

55 0.2 56.6 84.8#

98 0.3 37.8 56.6#



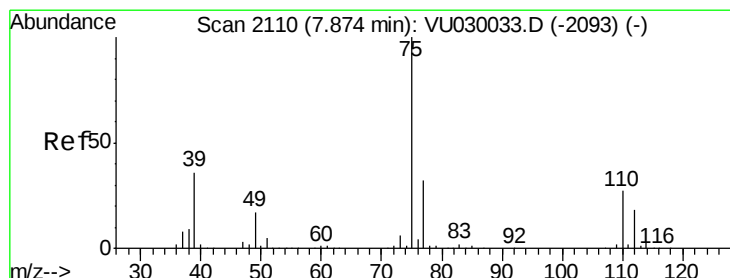
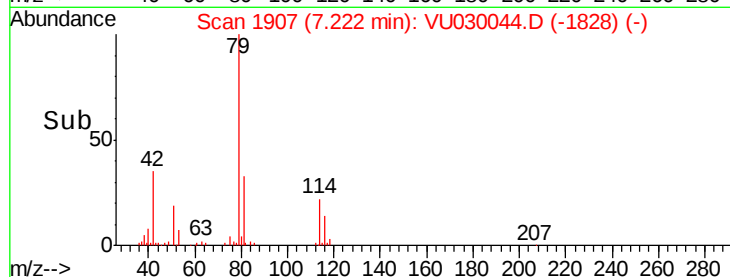
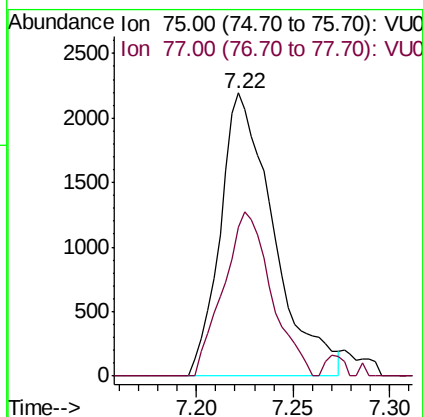
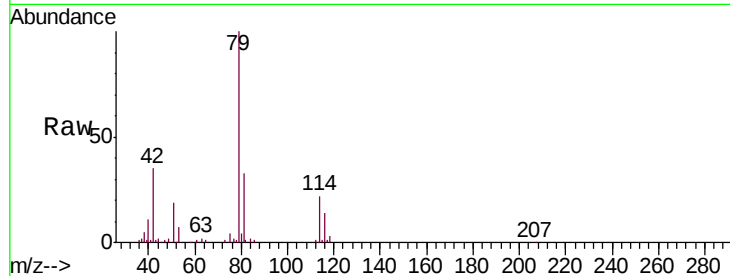


#39

cis-1,3-Dichloropropene
Concen: 0.662 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU030044.D
Acq: 13 Mar 2019 20:57

Instrument :
MSVOA_U
ClientSampleId :
BF187ME

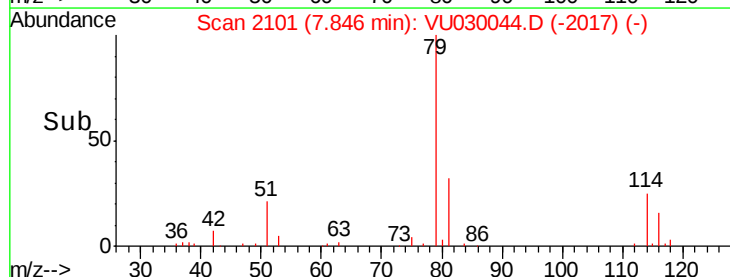
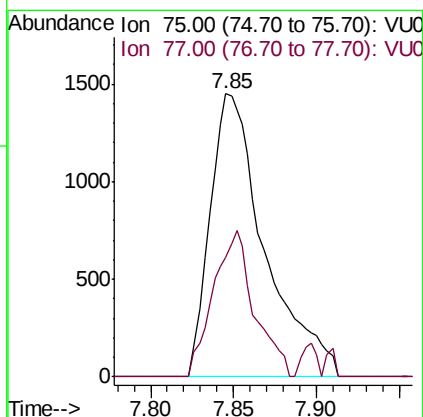
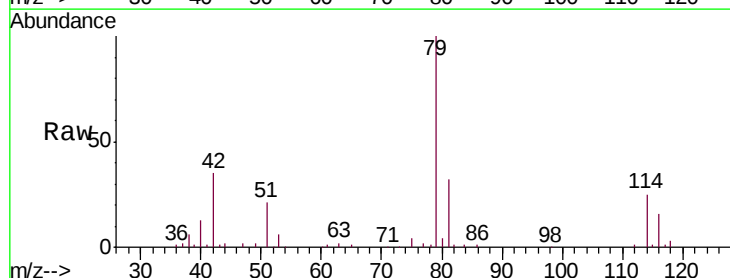
Tgt Ion: 75 Resp: 4223
Ion Ratio Lower Upper
75 100
77 52.5 22.2 41.2#

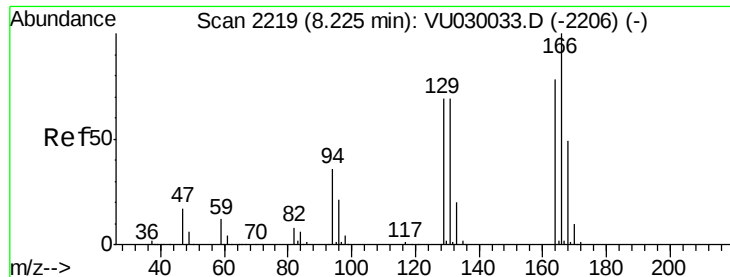


#44

trans-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030044.D
Acq: 13 Mar 2019 20:57

Tgt Ion: 75 Resp: 3312
Ion Ratio Lower Upper
75 100
77 42.2 21.9 40.7#





#46

Tetrachloroethene

Concen: 8.176 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030044.D

Acq: 13 Mar 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

BF187ME

Tgt Ion:164 Resp: 29238

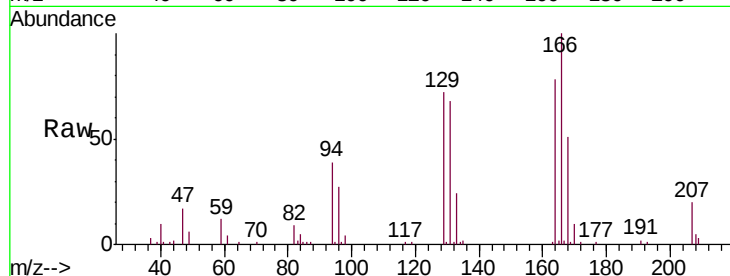
Ion Ratio Lower Upper

164 100

129 92.5 63.3 117.7

131 87.6 62.0 115.2

166 127.9 90.5 168.1

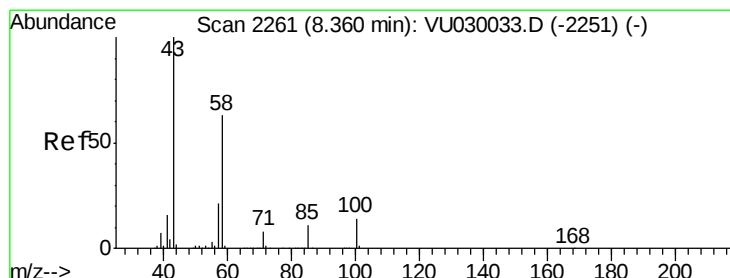
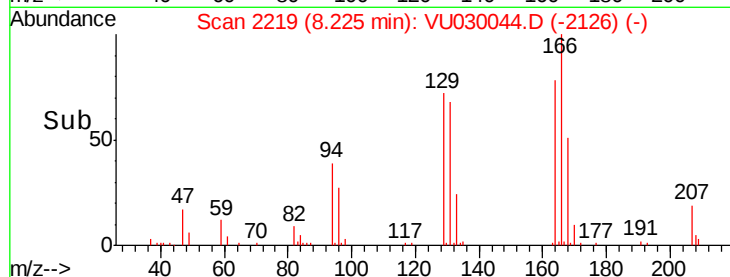
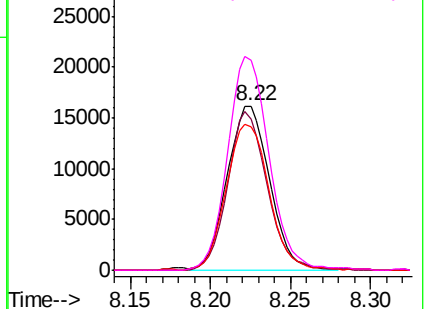


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.705 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU030044.D

Acq: 13 Mar 2019 20:57

Tgt Ion: 43 Resp: 22227

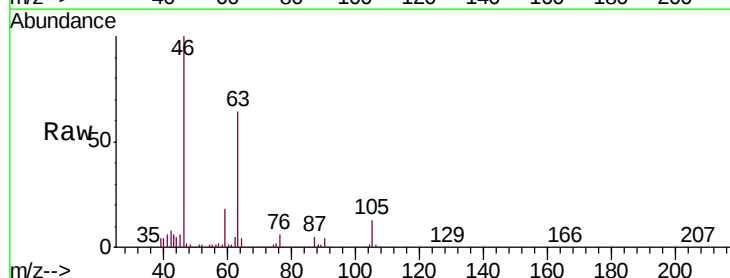
Ion Ratio Lower Upper

43 100

58 25.2 48.6 72.8#

57 26.0 16.1 24.1#

100 0.2 11.6 17.4#

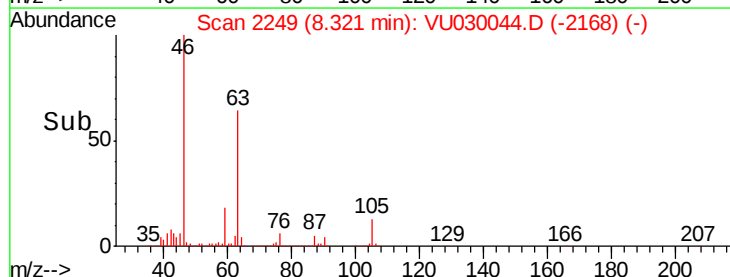
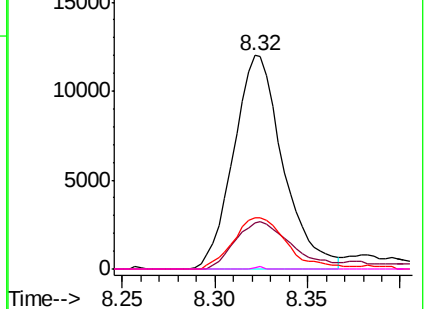


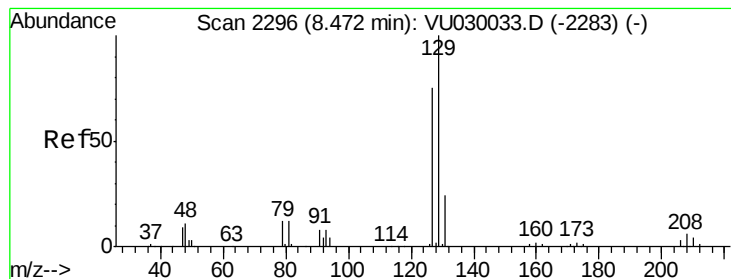
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#49

Dibromochloromethane

Concen: 5.735 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU030044.D

Acq: 13 Mar 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

BF187ME

Tgt Ion:129 Resp: 26281

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#

