

Data File : VU031684.D
Acq On : 01 May 2019 15:06
Operator : JC/SP
Sample : K2593-18DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XE0DL

Quant Time: May 02 02:27:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	918367	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	899486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	399709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	259562	33.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.54%
7) Chloroethane-d5	1.68	69	226416	38.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.24%
11) 1,1-Dichloroethene-d2	2.27	63	410933	26.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.70%#
21) 2-Butanone-d5	4.19	46	701729	100.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.77%
24) Chloroform-d	4.64	84	539396	38.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.64%
26) 1,2-Dichloroethane-d4	5.31	65	376608	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.90%
32) Benzene-d6	5.34	84	1122163	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.26%
36) 1,2-Dichloropropane-d6	6.32	67	404930	41.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.34%
41) Toluene-d8	7.56	98	989783	41.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.28%
43) trans-1,3-Dichloropropene-	7.85	79	172873	41.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.88%
47) 2-Hexanone-d5	8.31	63	437157	103.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	558619	42.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	367894	43.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.54%

Target Compounds

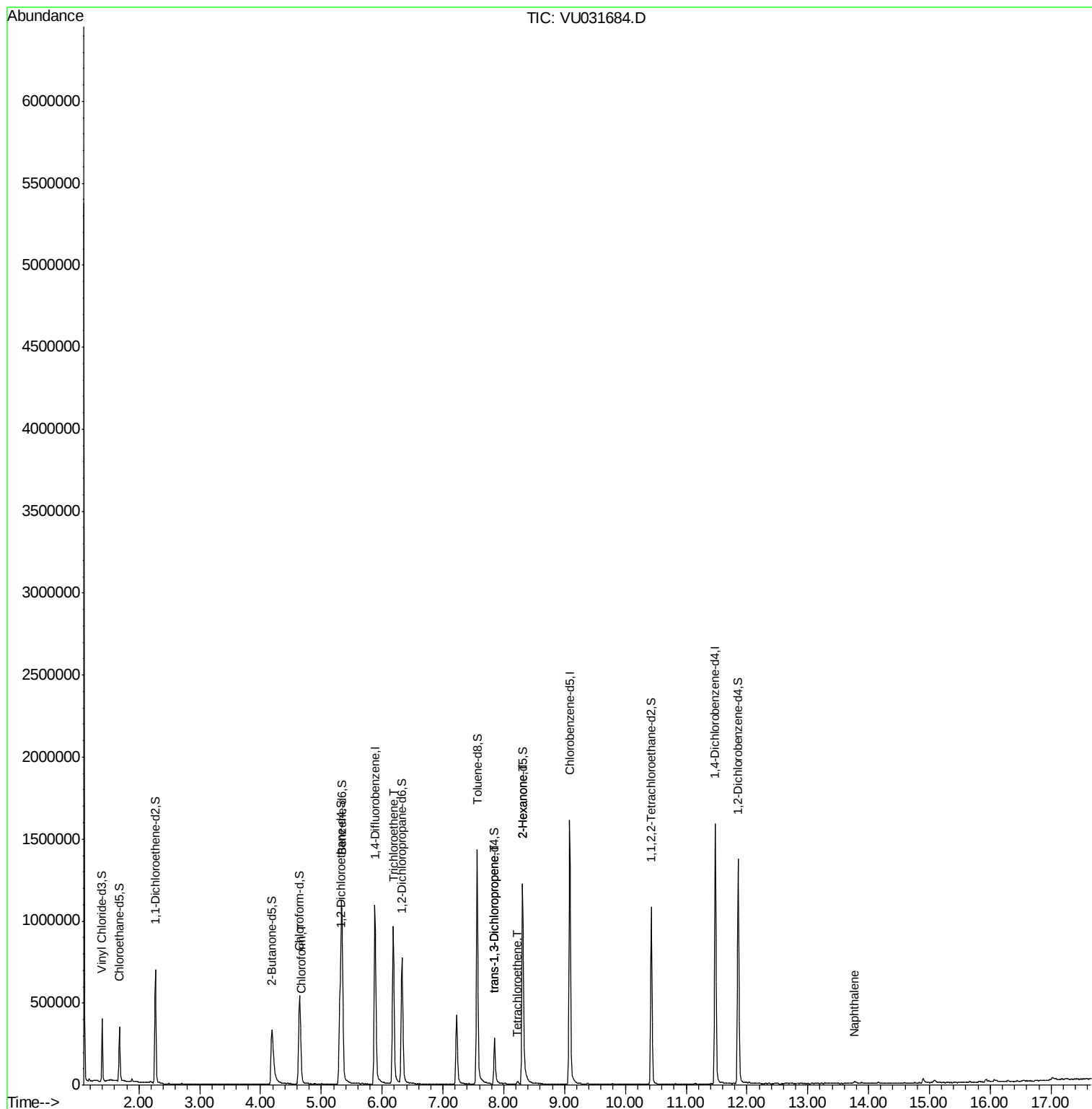
					Qvalue
25) Chloroform	4.67	83	15921	1.059	ug/L 95
34) Trichloroethene	6.18	95	358069	44.667	ug/L 97
44) trans-1,3-Dichloropropene	7.85	75	6877	0.611	ug/L 90
46) Tetrachloroethene	8.22	164	3767	0.689	ug/L 83
48) 2-Hexanone	8.31	43	53055	4.541	ug/L # 76
69) Naphthalene	13.77	128	12416	0.464	ug/L # 88

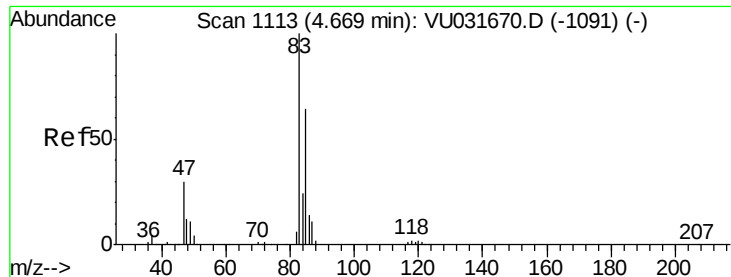
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.059 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

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Acq: 01 May 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

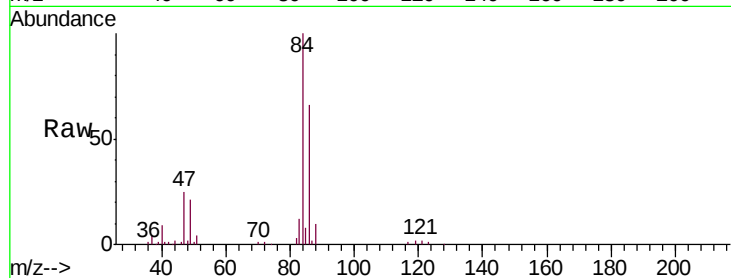
C0XE0DL

Tgt Ion: 83 Resp: 15921

Ion Ratio Lower Upper

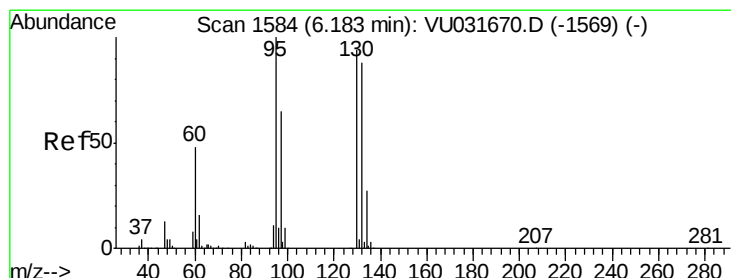
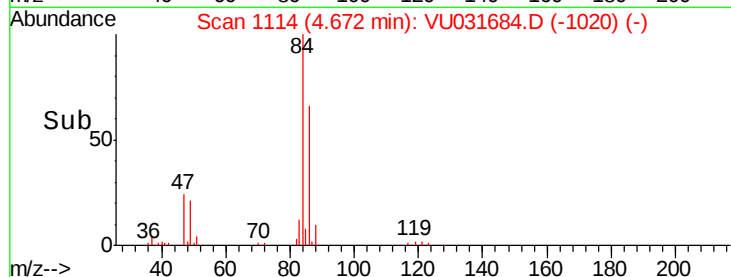
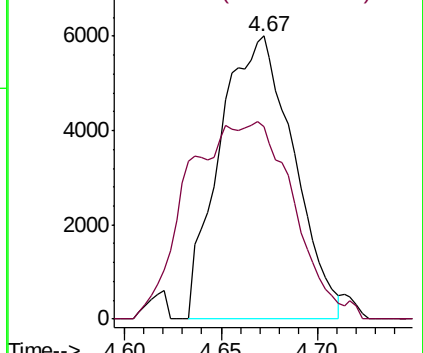
83 100

85 68.1 44.9 83.3



Abundance Ion 83.00 (82.70 to 83.70): VU031670.D (-1091) (-)

Ion 85.00 (84.70 to 85.70): VU031670.D (-1091) (-)



#34

Trichloroethene

Concen: 44.667 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031684.D

Acq: 01 May 2019 15:06

Tgt Ion: 95 Resp: 358069

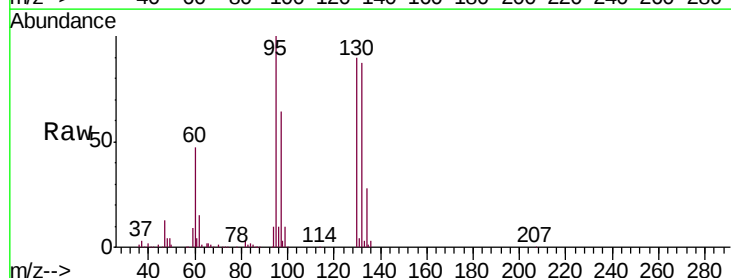
Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 87.5 63.1 117.1

130 90.0 66.5 123.5

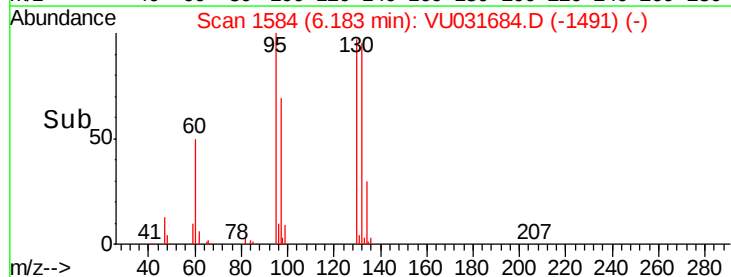
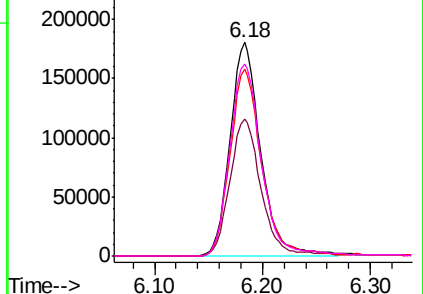


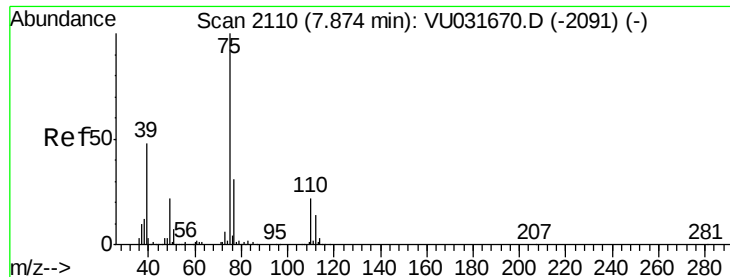
Abundance Ion 95.00 (94.70 to 95.70): VU031670.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031670.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031670.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031670.D (-1569) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.611 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031684.D

Acq: 01 May 2019 15:06

Instrument :

MSVOA_U

ClientSampleId :

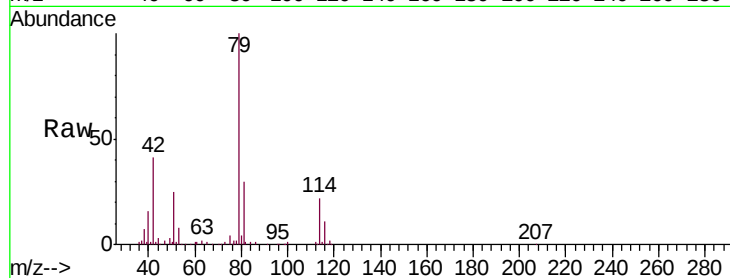
C0XE0DL

Tgt Ion: 75 Resp: 6877

Ion Ratio Lower Upper

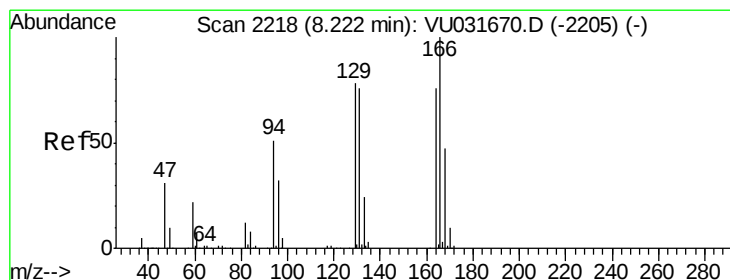
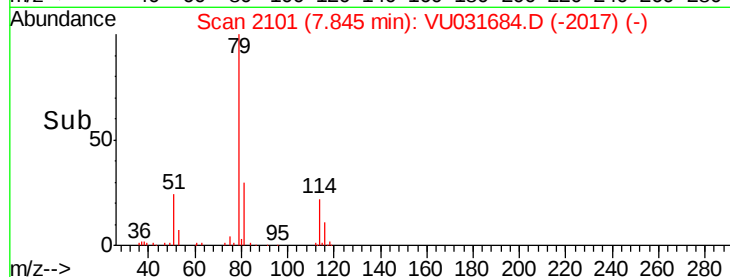
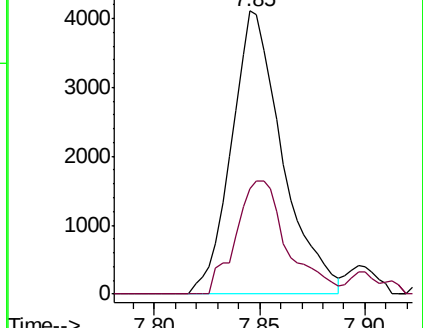
75 100

77 37.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031670.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU031670.D (-2091) (-)



#46

Tetrachloroethene

Concen: 0.689 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031684.D

Acq: 01 May 2019 15:06

Tgt Ion: 164 Resp: 3767

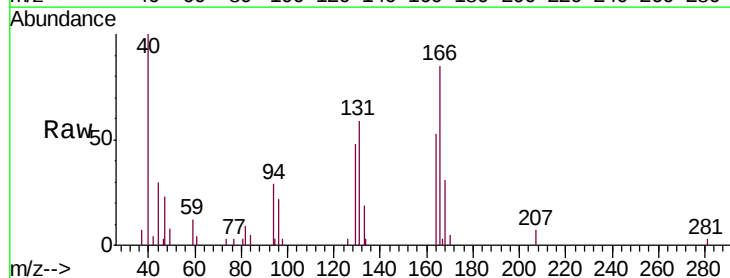
Ion Ratio Lower Upper

164 100

129 89.9 71.5 132.9

131 111.4 69.0 128.2

166 160.6 93.7 173.9

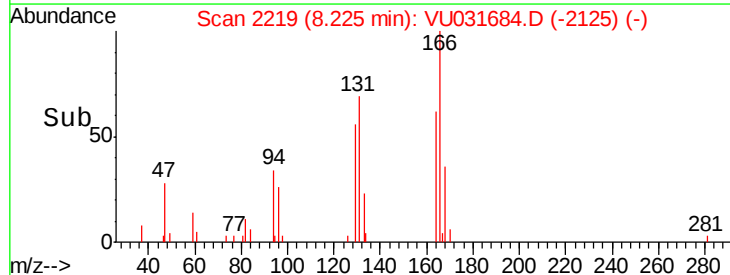
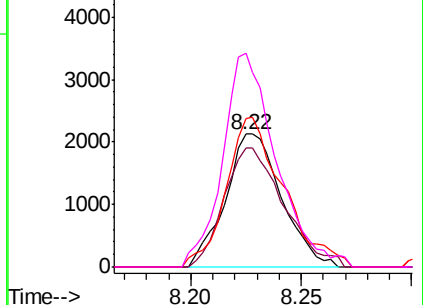


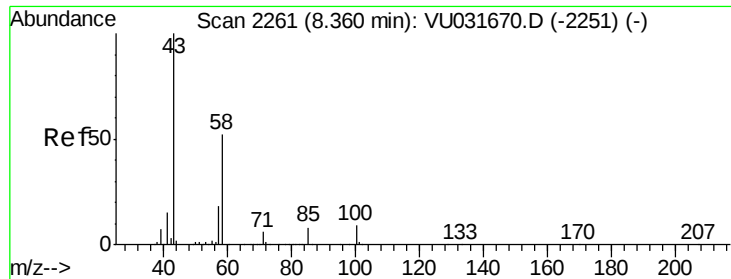
Abundance Ion 164.00 (163.70 to 164.70): VU031670.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031670.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031670.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031670.D (-2205) (-)

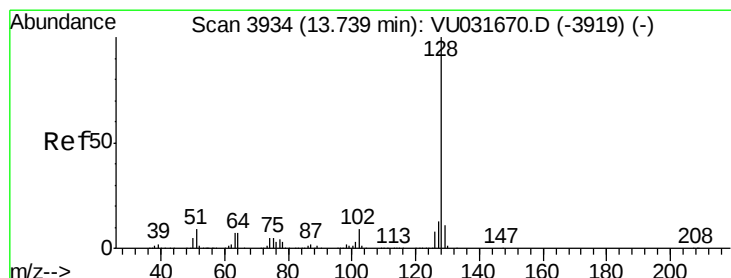
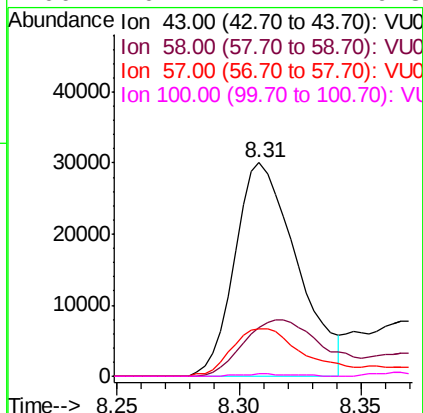
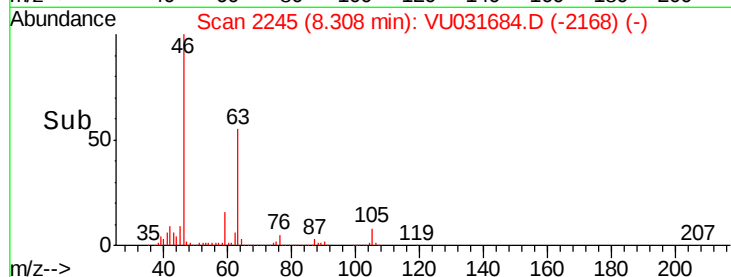
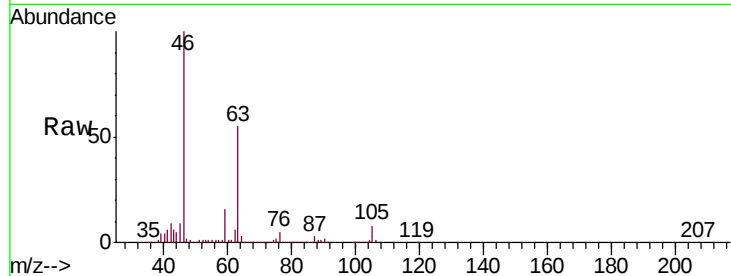




#48
2-Hexanone
Concen: 4.541 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031684.D
Acq: 01 May 2019 15:06

Instrument :
MSVOA_U
ClientSampleId :
C0XE0DL

Tgt Ion: 43 Resp: 53055
Ion Ratio Lower Upper
43 100
58 34.2 42.1 63.1#
57 25.7 14.6 22.0#
100 0.4 7.2 10.8#



#69
Naphthalene
Concen: 0.464 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.03 min
Lab File: VU031684.D
Acq: 01 May 2019 15:06

Tgt Ion: 128 Resp: 12416
Ion Ratio Lower Upper
128 100
127 12.1 10.6 15.8
129 2.0 8.7 13.1#

