

Data File : VU031686.D
Acq On : 01 May 2019 15:52
Operator : JC/SP
Sample : K2593-14DL 10000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB1DL

Quant Time: May 02 02:28:07 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	958747	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	921660	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	402035	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	264372	32.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.90%
7) Chloroethane-d5	1.68	69	232449	37.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.98%
11) 1,1-Dichloroethene-d2	2.27	63	422272	26.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.86%#
21) 2-Butanone-d5	4.18	46	706631	97.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	4.64	84	531628	36.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.36%
26) 1,2-Dichloroethane-d4	5.31	65	382917	39.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.76%
32) Benzene-d6	5.34	84	1135839	40.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.26%
36) 1,2-Dichloropropane-d6	6.33	67	410612	41.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.48%
41) Toluene-d8	7.56	98	990413	40.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.36%
43) trans-1,3-Dichloropropene-	7.85	79	170667	39.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.86%
47) 2-Hexanone-d5	8.31	63	449978	104.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	569980	42.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	373108	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%

Target Compounds

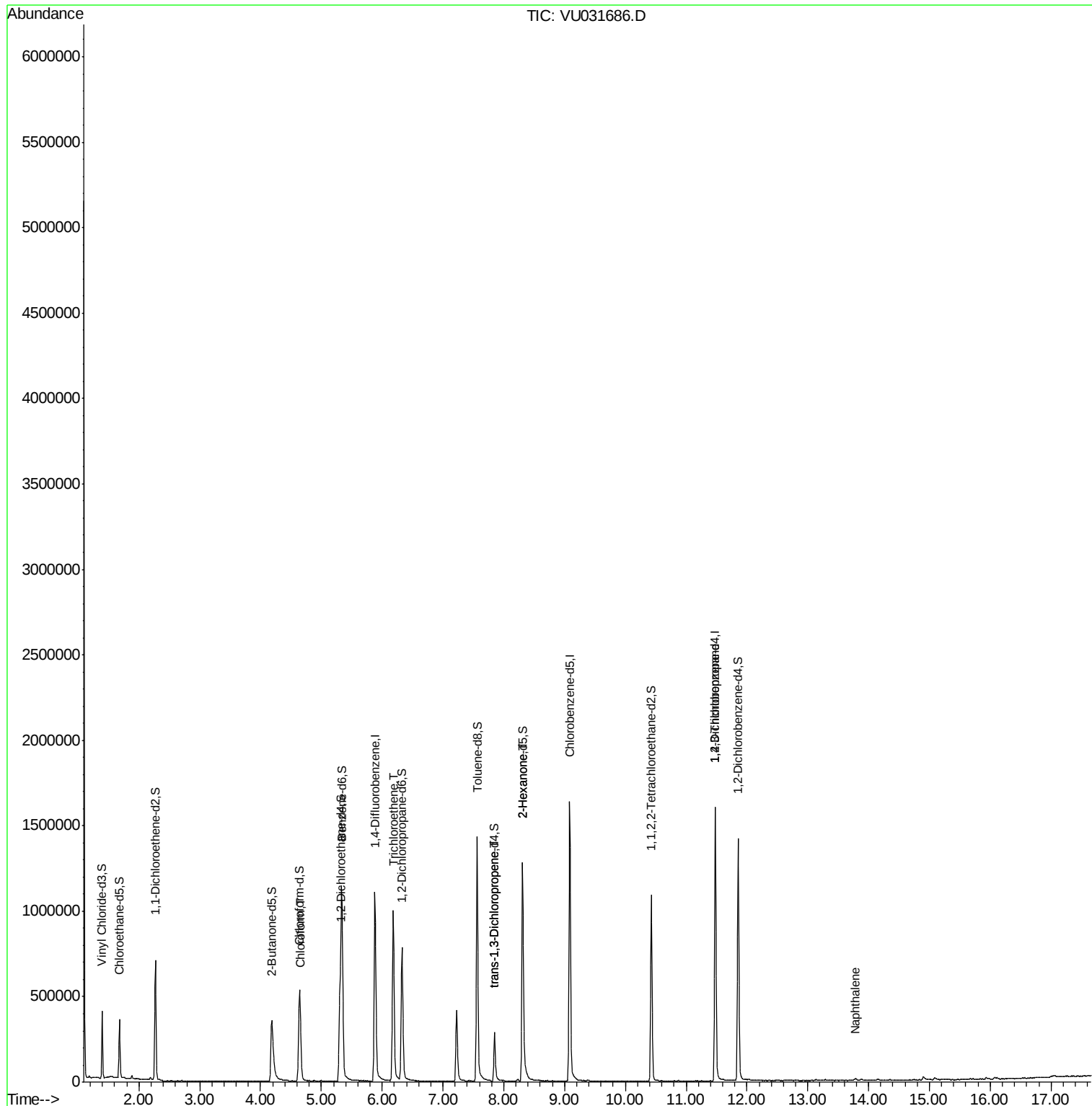
					Qvalue
25) Chloroform	4.67	83	9361	0.596 ug/L	96
34) Trichloroethene	6.18	95	378075	46.028 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	7508	0.651 ug/L	96
48) 2-Hexanone	8.31	43	54474	4.551 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	53547	4.695 ug/L	94
69) Naphthalene	13.78	128	9463	0.352 ug/L #	80

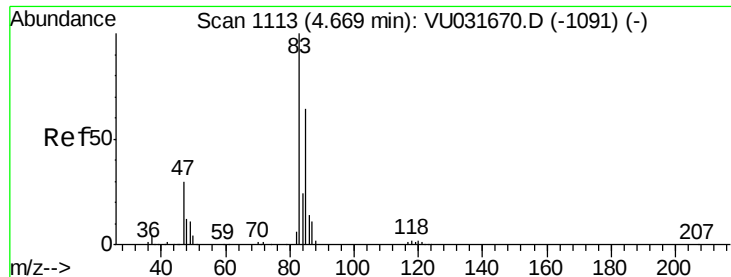
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.596 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

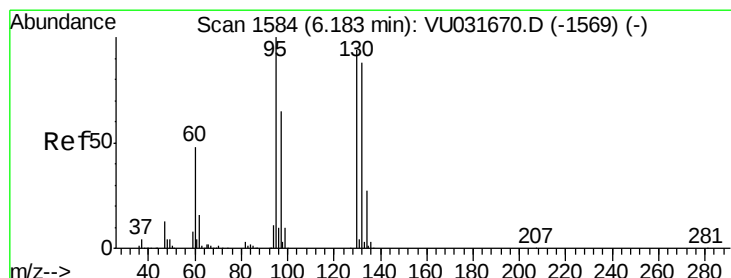
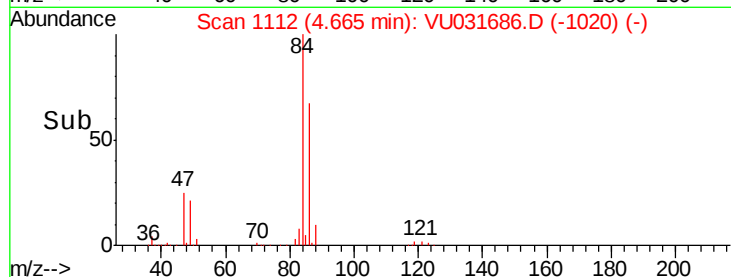
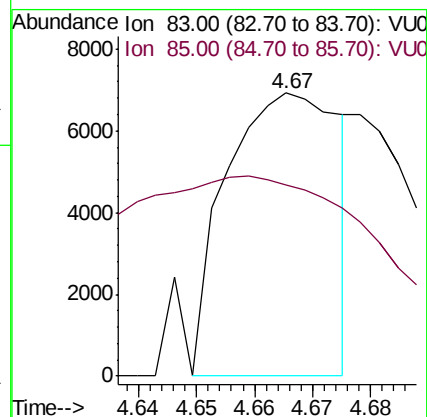
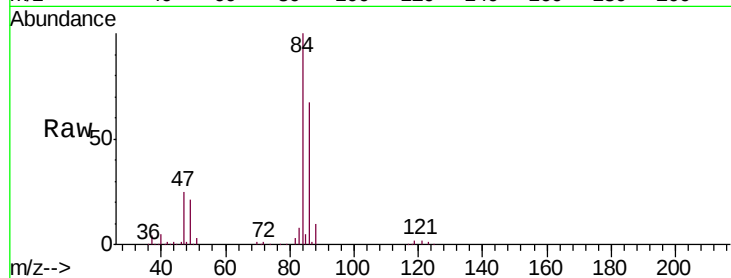
C0XB1DL

Tgt Ion: 83 Resp: 9361

Ion Ratio Lower Upper

83 100

85 67.6 44.9 83.3



#34

Trichloroethene

Concen: 46.028 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031686.D

Acq: 01 May 2019 15:52

Tgt Ion: 95 Resp: 378075

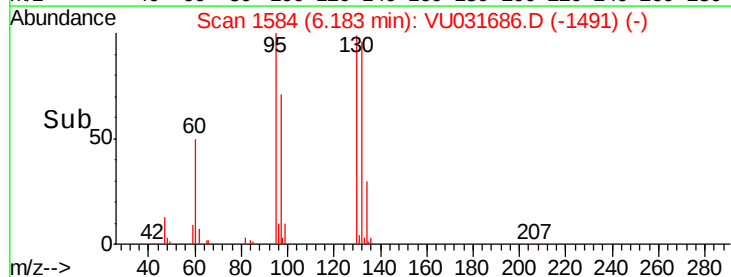
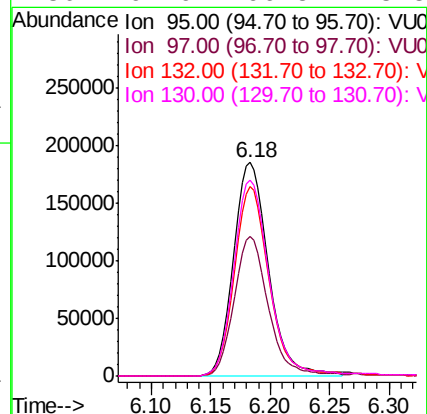
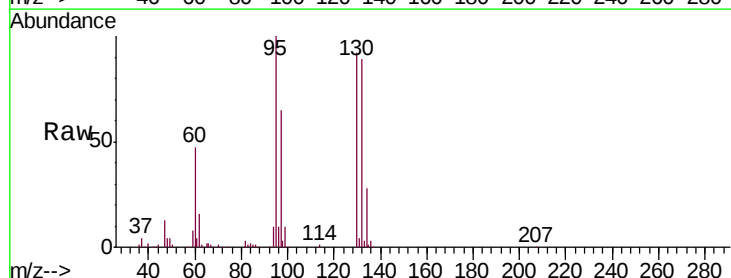
Ion Ratio Lower Upper

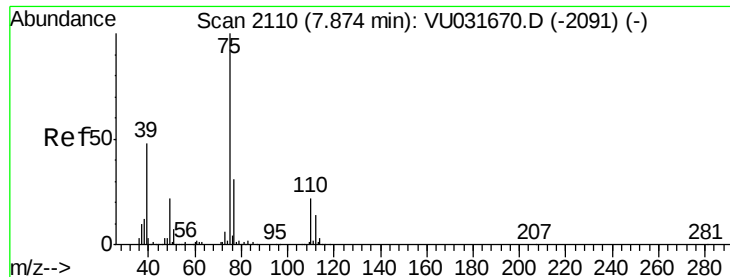
95 100

97 65.5 44.8 83.2

132 88.6 63.1 117.1

130 91.9 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

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Acq: 01 May 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

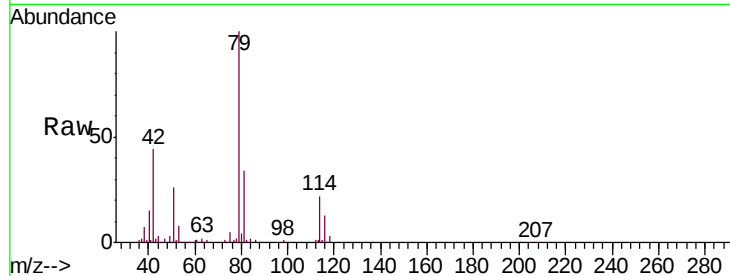
C0XB1DL

Tgt Ion: 75 Resp: 7508

Ion Ratio Lower Upper

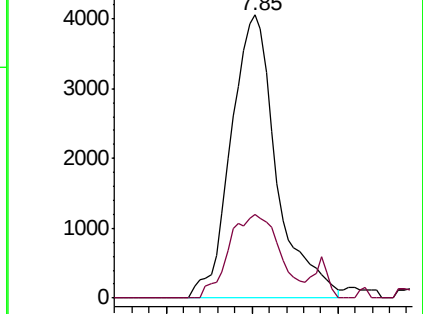
75 100

77 29.6 22.1 41.1

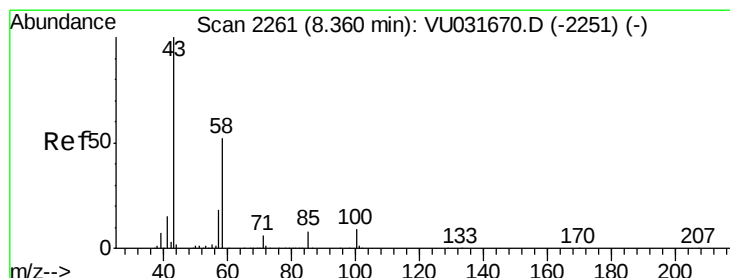
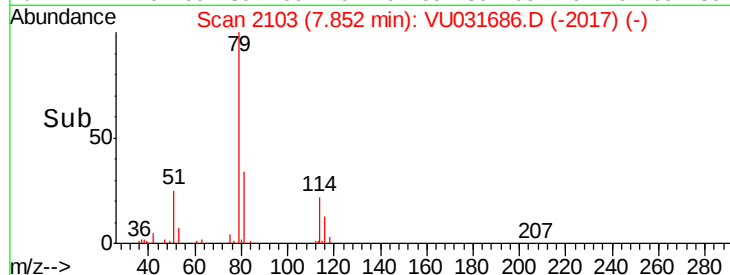


Abundance Ion 75.00 (74.70 to 75.70): VU031670.D (-2091) (-)

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



Time-->



#48

2-Hexanone

Concen: 4.551 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU031686.D

Acq: 01 May 2019 15:52

Tgt Ion: 43 Resp: 54474

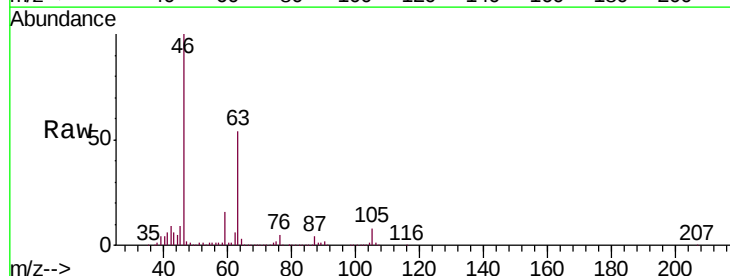
Ion Ratio Lower Upper

43 100

58 29.0 42.1 63.1#

57 23.8 14.6 22.0#

100 0.6 7.2 10.8#

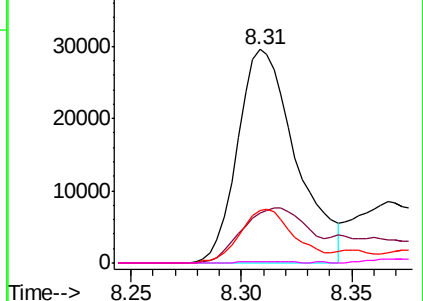


Abundance Ion 43.00 (42.70 to 43.70): VU031670.D (-2251) (-)

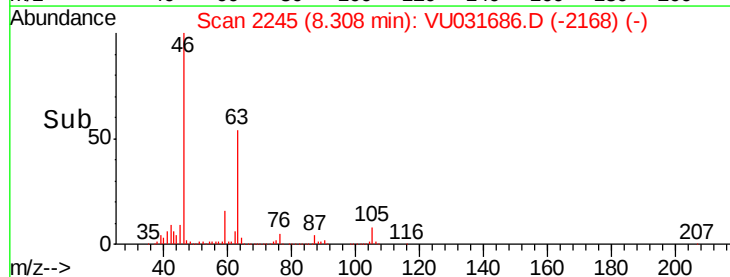
Ion 58.00 (57.70 to 58.70): VU031670.D (-2251) (-)

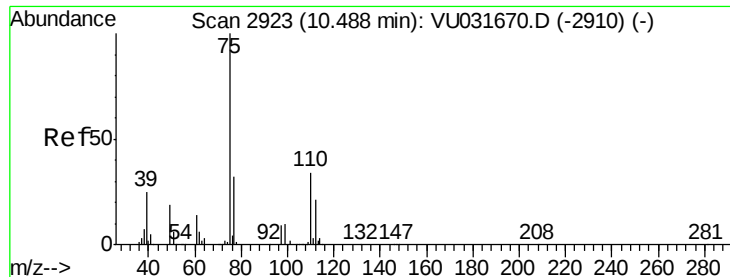
Ion 57.00 (56.70 to 57.70): VU031670.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU031670.D (-2251) (-)



Time-->





#59

1,2,3-Trichloropropane

Concen: 4.695 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031686.D

Acq: 01 May 2019 15:52

Instrument :

MSVOA_U

ClientSampleId :

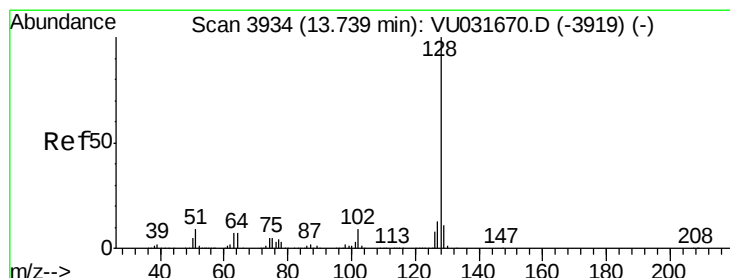
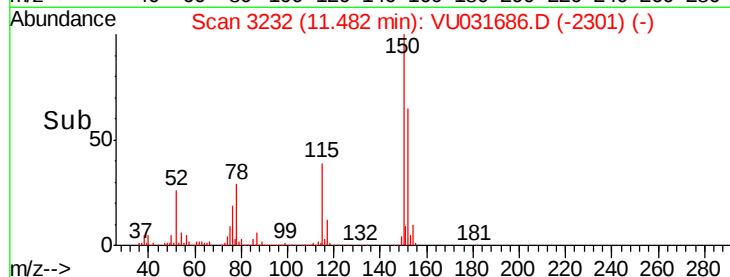
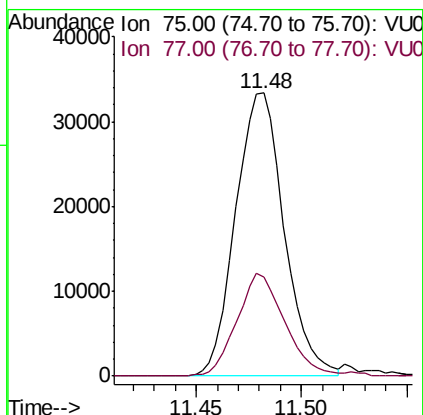
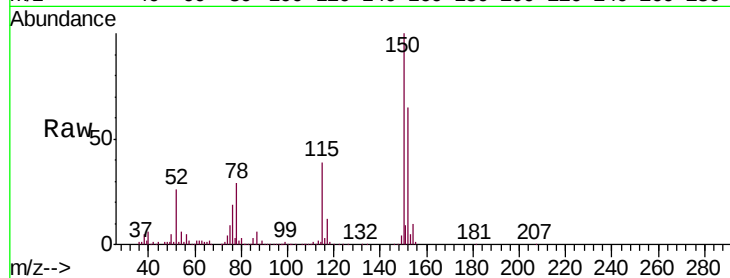
C0XB1DL

Tgt Ion: 75 Resp: 53547

Ion Ratio Lower Upper

75 100

77 35.8 25.9 38.9



#69

Naphthalene

Concen: 0.352 ug/L

RT: 13.78 min Scan# 3946

Delta R.T. 0.04 min

Lab File: VU031686.D

Acq: 01 May 2019 15:52

Tgt Ion: 128 Resp: 9463

Ion Ratio Lower Upper

128 100

127 3.2 10.6 15.8#

129 6.0 8.7 13.1#

