

Data File : VU031683.D
Acq On : 01 May 2019 14:43
Operator : JC/SP
Sample : K2593-17DL 5000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XD9DL

Quant Time: May 02 02:27:45 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	938518	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	896067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	403666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	252246	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.22%
7) Chloroethane-d5	1.68	69	231950	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.42%
11) 1,1-Dichloroethene-d2	2.27	63	419677	26.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.66%#
21) 2-Butanone-d5	4.19	46	685686	96.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.35%
24) Chloroform-d	4.64	84	542939	37.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.48%
26) 1,2-Dichloroethane-d4	5.31	65	380141	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.90%
32) Benzene-d6	5.34	84	1124040	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.32	67	400326	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.70%
41) Toluene-d8	7.56	98	980884	40.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.86%
43) trans-1,3-Dichloropropene-	7.85	79	174959	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
47) 2-Hexanone-d5	8.31	63	442166	105.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	553710	42.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.24%
64) 1,2-Dichlorobenzene-d4	11.85	152	365696	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%

Target Compounds

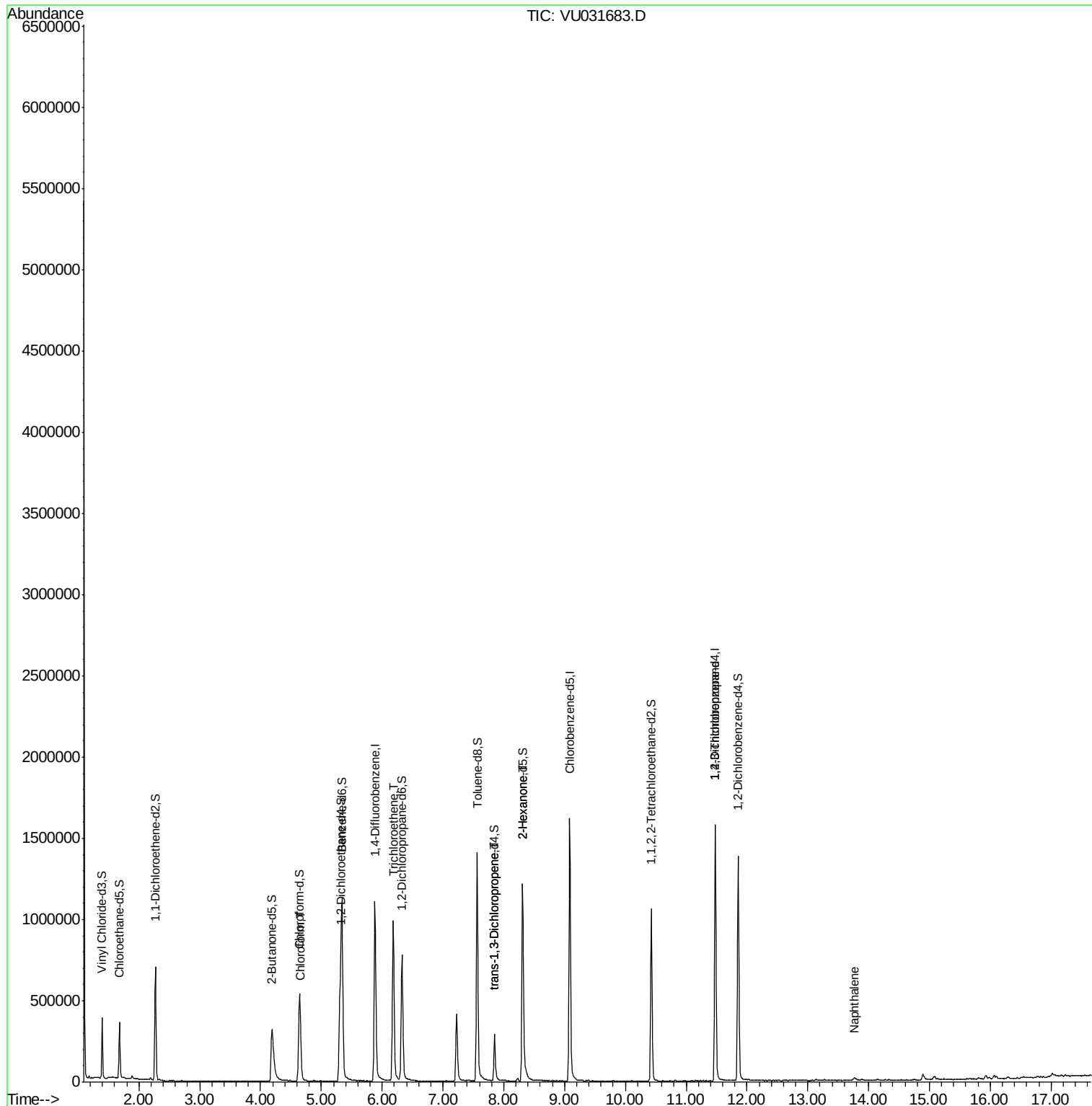
						Qvalue
25) Chloroform	4.67	83	15284	0.995	ug/L	92
34) Trichloroethene	6.18	95	373476	46.767	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6931	0.618	ug/L	96
48) 2-Hexanone	8.31	43	54678	4.698	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	53969	4.867	ug/L	97
69) Naphthalene	13.76	128	10691	0.396	ug/L #	75

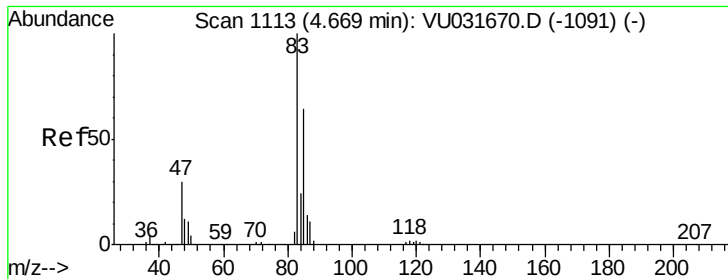
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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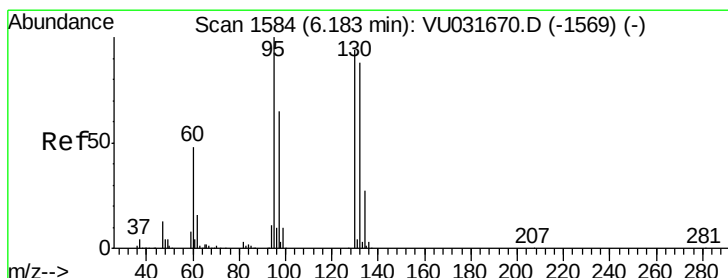
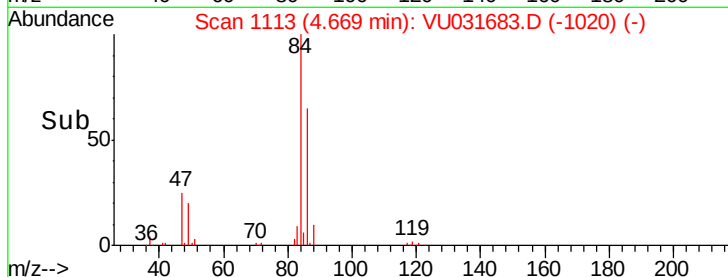
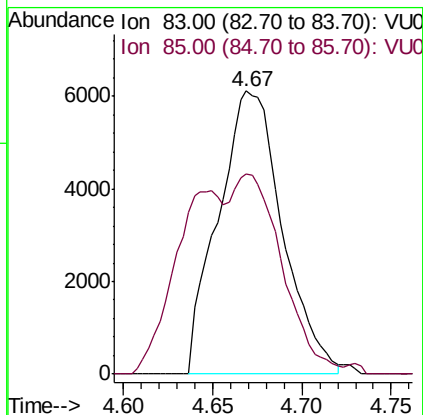
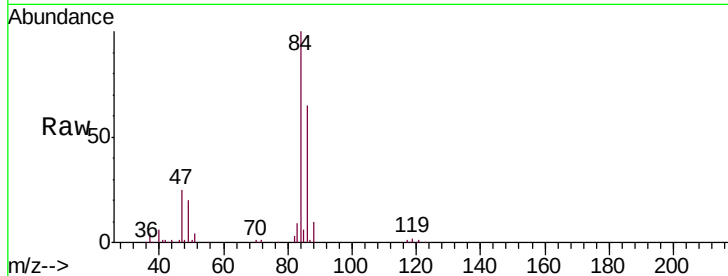




#25
Chloroform
Concen: 0.995 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031683.D
Acq: 01 May 2019 14:43

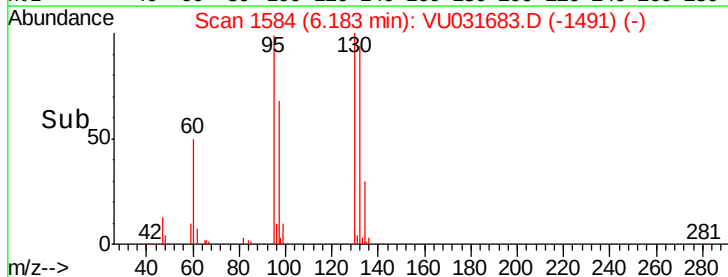
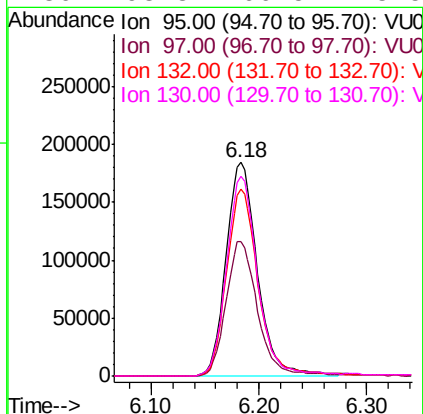
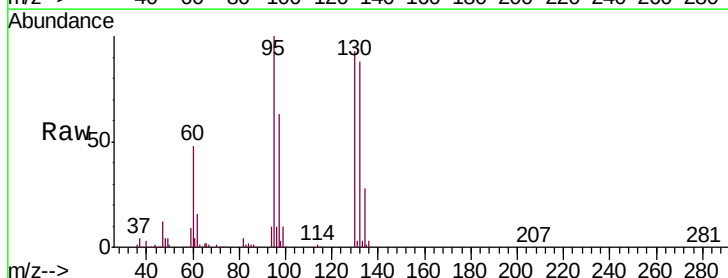
Instrument :
MSVOA_U
ClientSampleId :
C0XD9DL

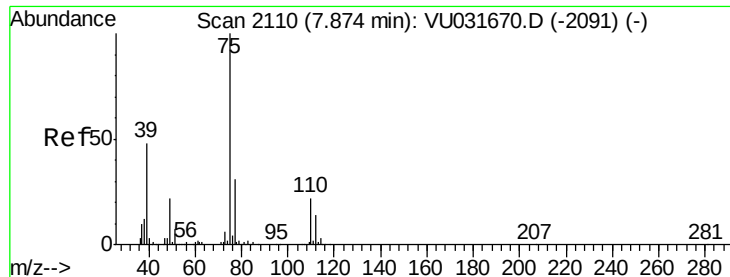
Tgt Ion: 83 Resp: 15284
Ion Ratio Lower Upper
83 100
85 70.6 44.9 83.3



#34
Trichloroethene
Concen: 46.767 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031683.D
Acq: 01 May 2019 14:43

Tgt Ion: 95 Resp: 373476
Ion Ratio Lower Upper
95 100
97 63.2 44.8 83.2
132 87.5 63.1 117.1
130 93.3 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031683.D

Acq: 01 May 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

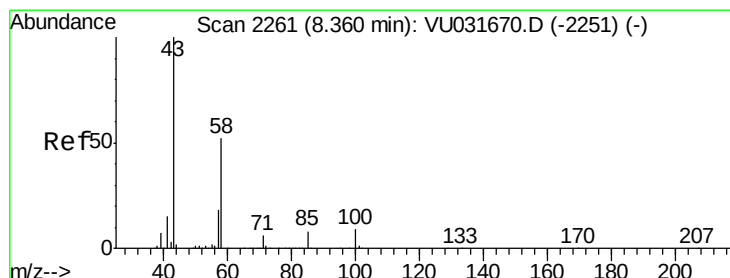
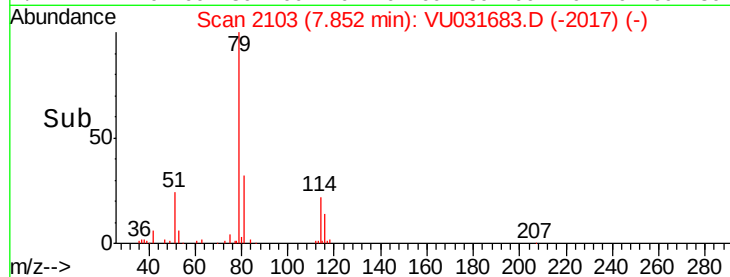
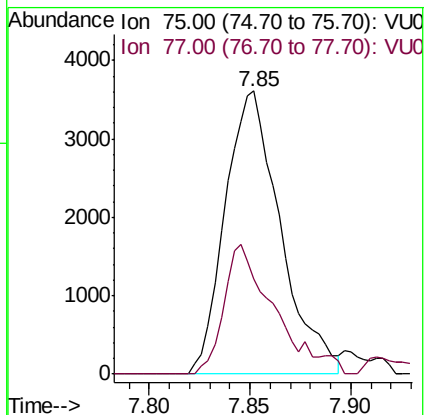
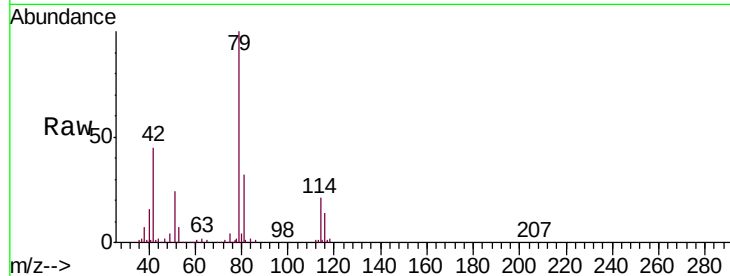
C0XD9DL

Tgt Ion: 75 Resp: 6931

Ion Ratio Lower Upper

75 100

77 33.6 22.1 41.1



#48

2-Hexanone

Concen: 4.698 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU031683.D

Acq: 01 May 2019 14:43

Tgt Ion: 43 Resp: 54678

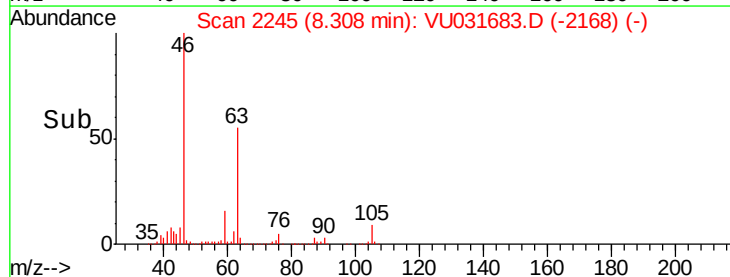
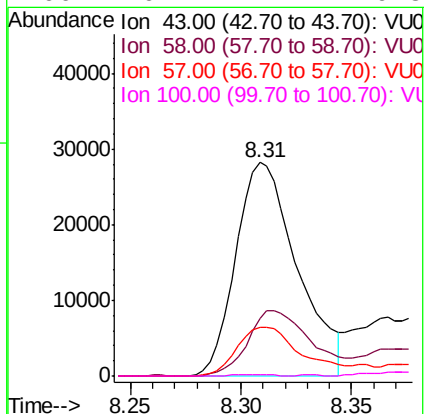
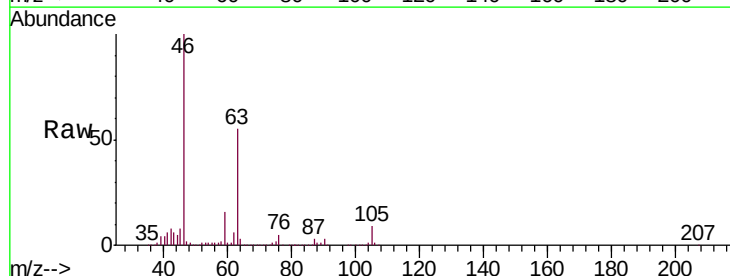
Ion Ratio Lower Upper

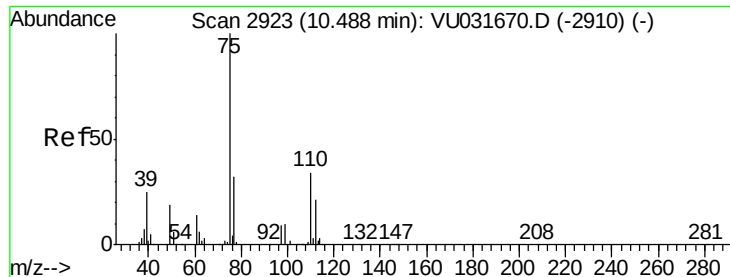
43 100

58 31.5 42.1 63.1#

57 23.8 14.6 22.0#

100 0.1 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.867 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031683.D

Acq: 01 May 2019 14:43

Instrument :

MSVOA_U

ClientSampled :

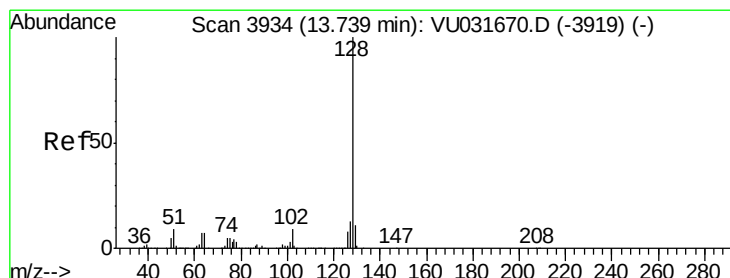
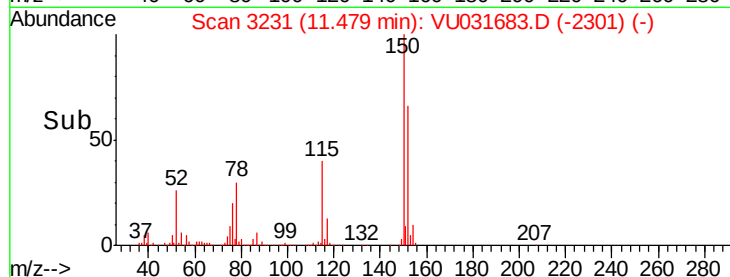
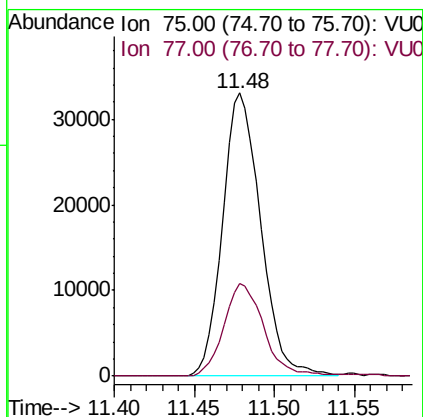
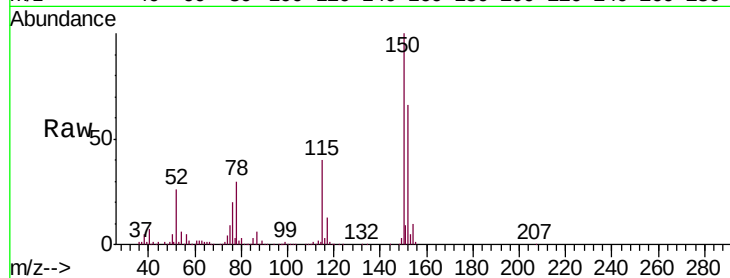
C0XD9DL

Tgt Ion: 75 Resp: 53969

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9



#69

Naphthalene

Concen: 0.396 ug/L

RT: 13.76 min Scan# 3942

Delta R.T. 0.03 min

Lab File: VU031683.D

Acq: 01 May 2019 14:43

Tgt Ion: 128 Resp: 10691

Ion Ratio Lower Upper

128 100

127 4.7 10.6 15.8#

129 0.0 8.7 13.1#

