

Data File : VV013891.D
Acq On : 03 Dec 2019 14:15
Operator : SY/MD
Sample : K6086-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFLY8

Quant Time: Dec 04 01:14:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 04 01:11:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	602028	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	664497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	252996	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167660	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.30%
7) Chloroethane-d5	1.57	69	185263	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.96%
11) 1,1-Dichloroethene-d2	2.13	63	284477	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
21) 2-Butanone-d5	3.92	46	286943	117.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.08%
24) Chloroform-d	4.39	84	390056	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
26) 1,2-Dichloroethane-d4	5.07	65	250741	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.24%
32) Benzene-d6	5.09	84	780922	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.11	67	239627	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.72%
41) Toluene-d8	7.35	98	713909	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%
43) trans-1,3-Dichloropropene-	7.66	79	112669	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.60%
47) 2-Hexanone-d5	8.13	63	188926	97.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.89%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	391450	52.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	318363	64.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.14%#

Target Compounds

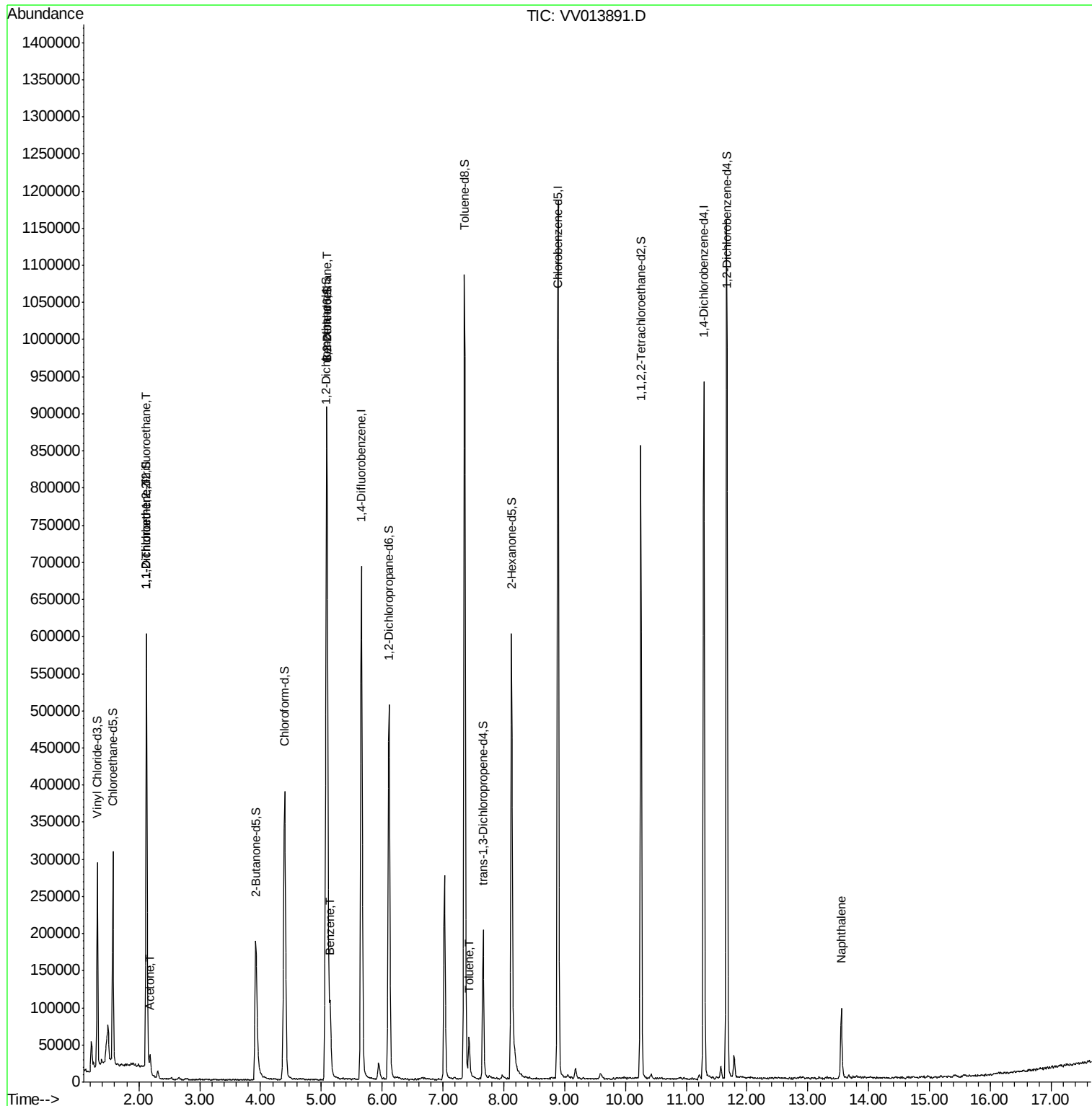
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3014	0.666 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	3173	0.725 ug/L #	1
13) Acetone	2.19	43	12872	3.584 ug/L	96
27) 1,2-Dichloroethane	5.09	62	4670	0.787 ug/L	96
33) Benzene	5.14	78	94399	4.770 ug/L	100
42) Toluene	7.43	91	38096	1.866 ug/L	97
69) Naphthalene	13.55	128	80644	5.049 ug/L	99

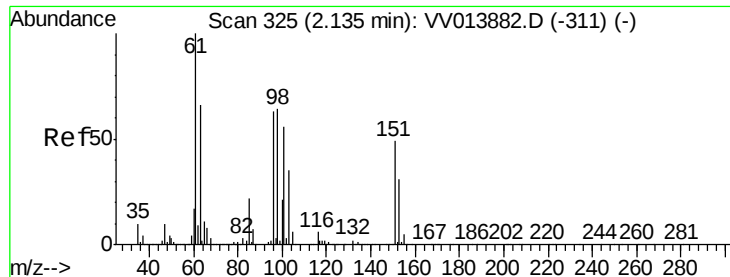
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 04 01:11:22 2019
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#10

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

Concen: 0.666 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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ClientSampleId :

BFLY8

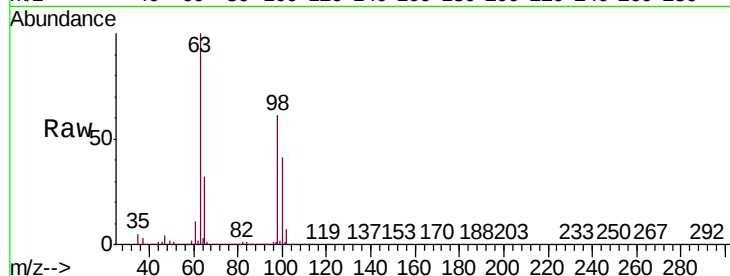
Tgt Ion:101 Resp: 3014

Ion Ratio Lower Upper

101 100

85 4.0 32.5 48.7#

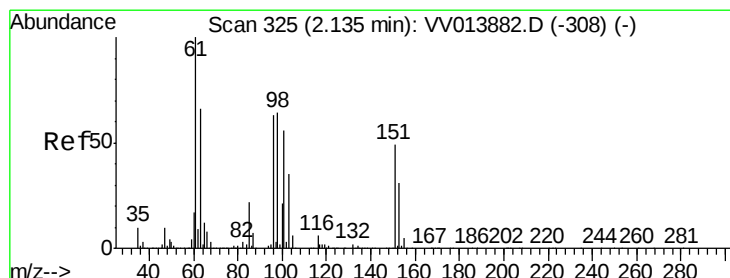
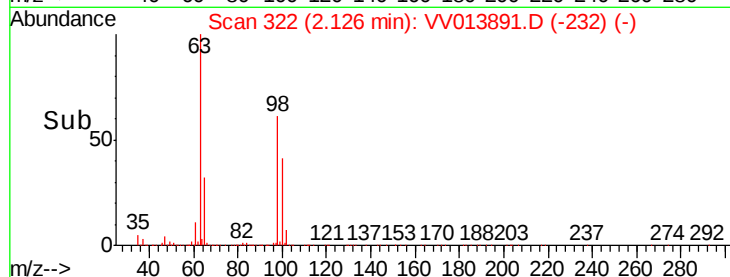
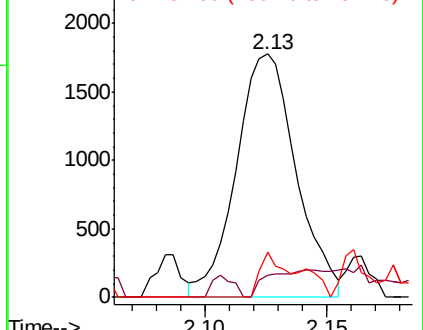
151 7.2 69.8 104.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.725 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013891.D

Acq: 03 Dec 2019 14:15

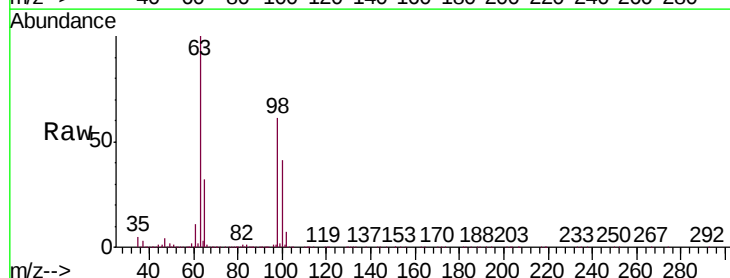
Tgt Ion: 96 Resp: 3173

Ion Ratio Lower Upper

96 100

61 1183.7 114.0 211.8#

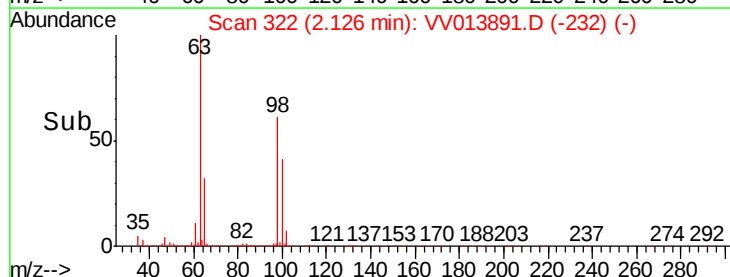
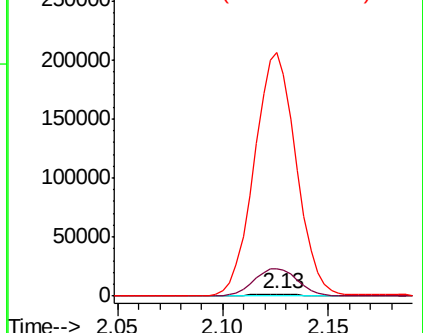
63 10489.6 80.3 149.1#

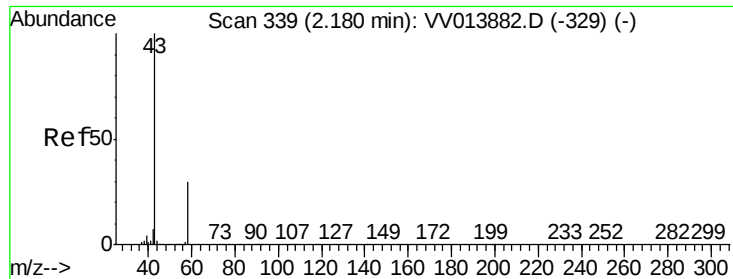


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.584 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

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ClientSampleId :

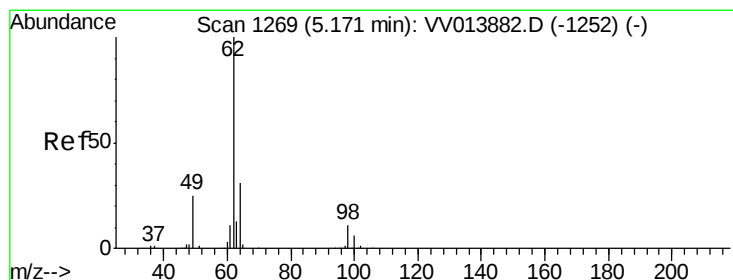
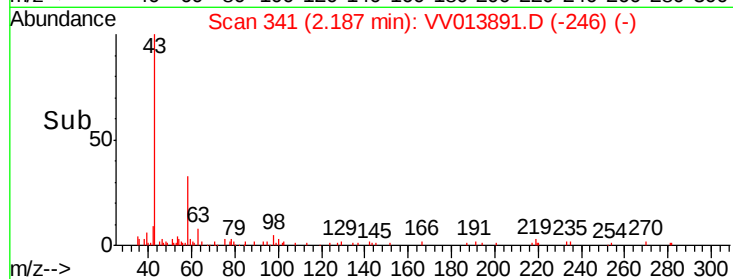
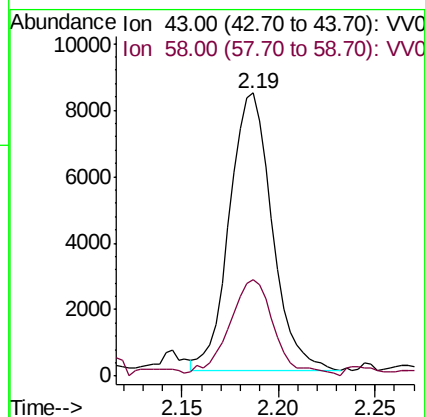
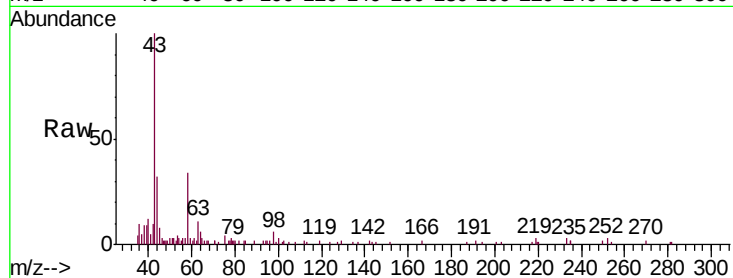
BFLY8

Tgt Ion: 43 Resp: 12872

Ion Ratio Lower Upper

43 100

58 32.6 0.0 60.8



#27

1,2-Dichloroethane

Concen: 0.787 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.08 min

Lab File: VV013891.D

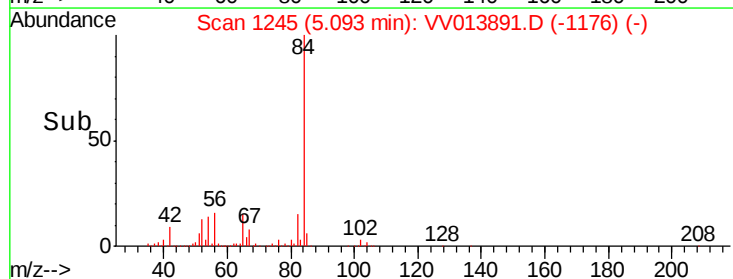
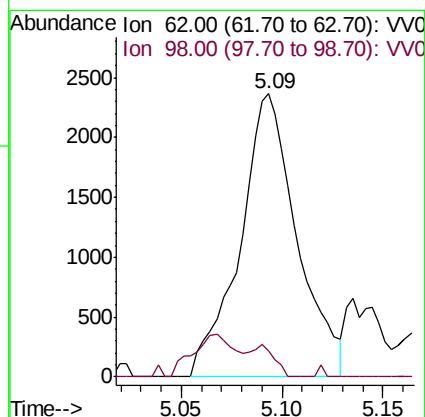
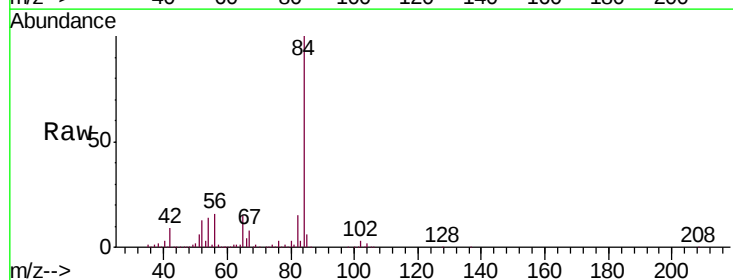
Acq: 03 Dec 2019 14:15

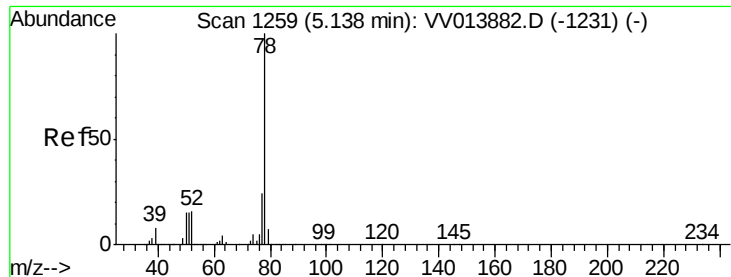
Tgt Ion: 62 Resp: 4670

Ion Ratio Lower Upper

62 100

98 9.0 8.5 12.7





#33

Benzene

Concen: 4.770 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VV013891.D

Acq: 03 Dec 2019 14:15

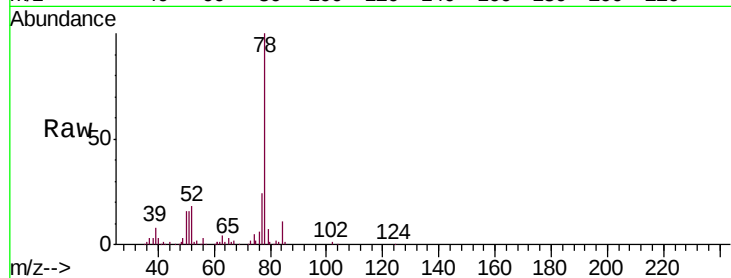
Instrument :

MSVOA_V

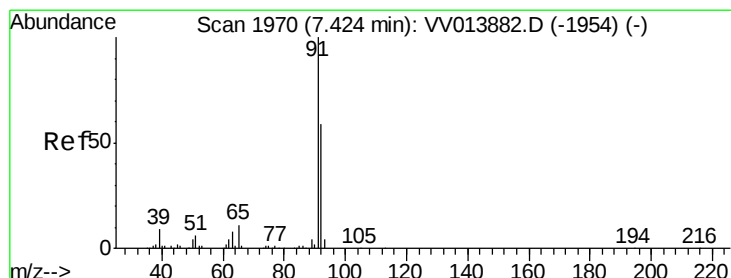
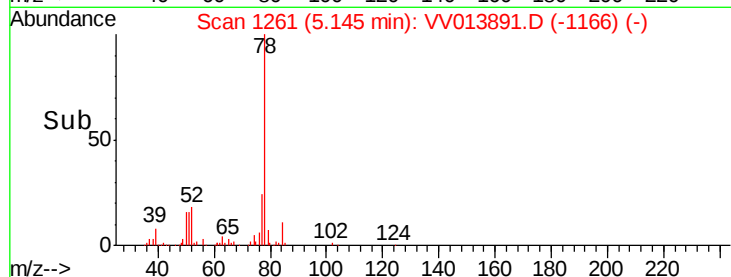
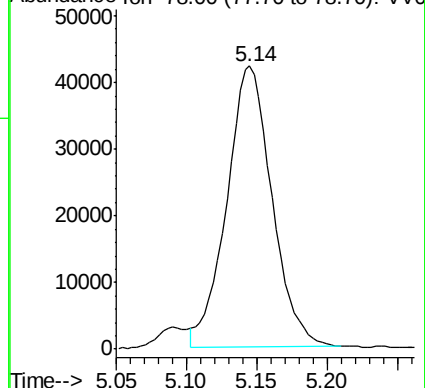
ClientSampleId :

BFLY8

Tgt Ion: 78 Resp: 94399



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 1.866 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013891.D

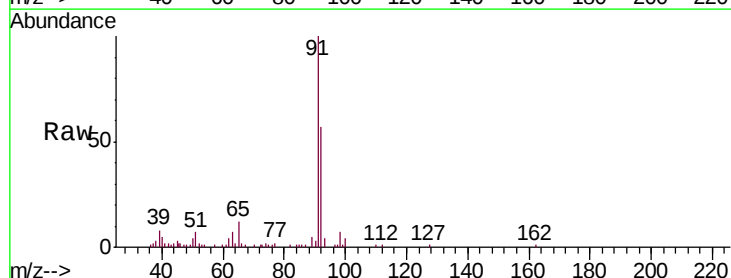
Acq: 03 Dec 2019 14:15

Tgt Ion: 91 Resp: 38096

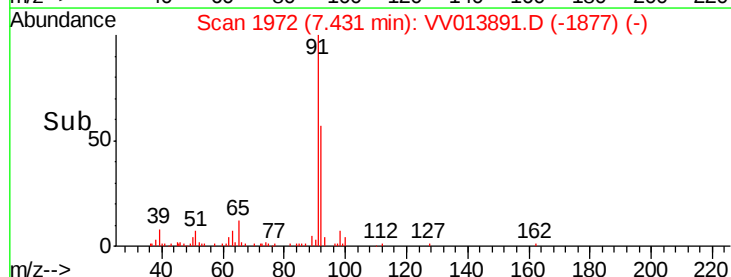
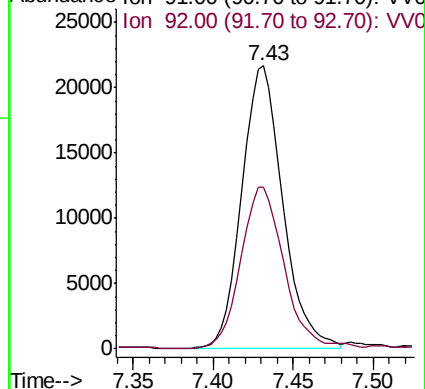
Ion Ratio Lower Upper

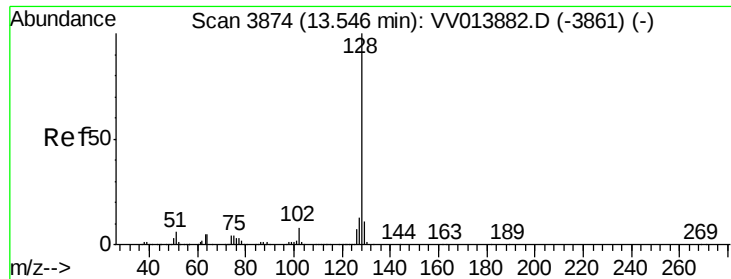
91 100

92 57.3 41.4 77.0



Abundance Ion 91.00 (90.70 to 91.70): VV0





#69

Naphthalene

Concen: 5.049 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV013891.D

Acq: 03 Dec 2019 14:15

Instrument :

MSVOA_V

ClientSampleId :

BFLY8

Tgt Ion:128 Resp: 80644

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 11.0 8.6 12.8

