

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016822.D
 Acq On : 11 Jun 2020 13:20
 Operator : SY/MD
 Sample : L2929-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:31:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308012	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	106965	49.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.44%
7) Chloroethane-d5	1.54	69	56273	43.15	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.30%
11) 1,1-Dichloroethene-d2	2.10	63	134704	36.91	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.82%
21) 2-Butanone-d5	3.90	46	174752	108.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.64%
24) Chloroform-d	4.37	84	220078	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.05	65	161397	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
32) Benzene-d6	5.07	84	425346	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.94%
36) 1,2-Dichloropropane-d6	6.09	67	132116	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.58%
41) Toluene-d8	7.33	98	386298	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%
43) trans-1,3-Dichloropropene-	7.64	79	66953	48.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.86%
47) 2-Hexanone-d5	8.11	63	117182	102.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	194569	55.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	179596	53.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.90%

Target Compounds

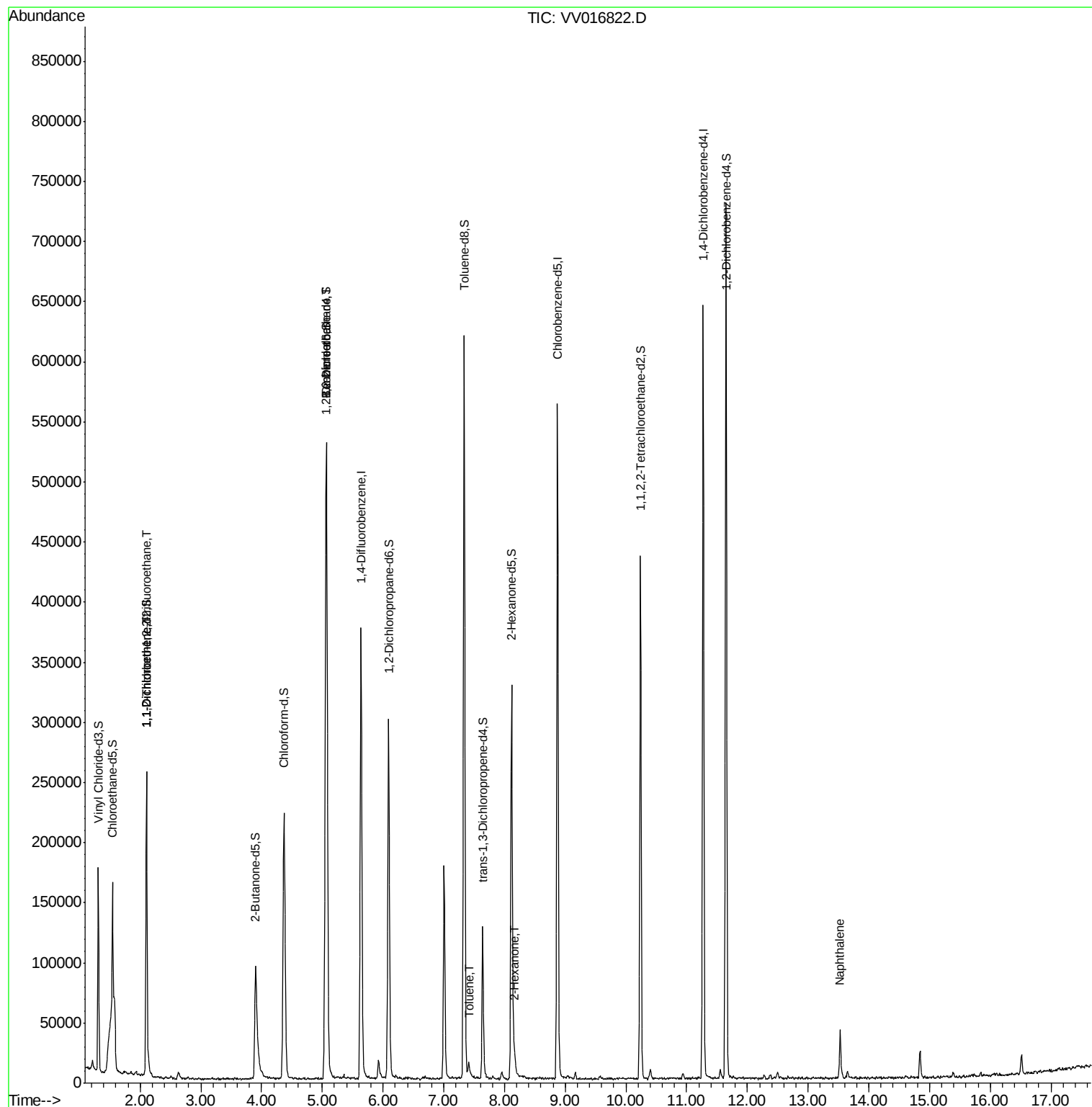
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1516	0.926 ug/L #	22
12) 1,1-Dichloroethene	2.10	96	1613	1.055 ug/L #	1
27) 1,2-Dichloroethane	5.06	62	3366	0.996 ug/L	98
42) Toluene	7.41	91	7498	0.822 ug/L	99
48) 2-Hexanone	8.17	43	8955	3.623 ug/L #	81
69) Naphthalene	13.53	128	28298	2.911 ug/L	97

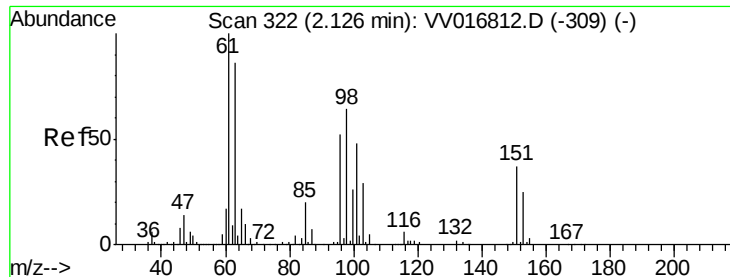
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#10

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

Concen: 0.926 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.02 min

Lab File: VV016822.D

Acq: 11 Jun 2020 13:20

Instrument :

MSVOA_V

ClientSampled :

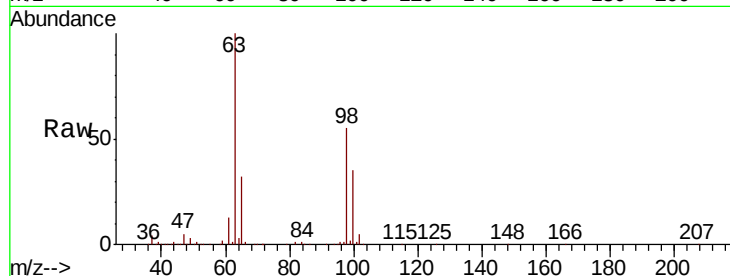
Tot Ion:101 Resp: 1516

Ion Ratio Lower Upper

101 100

85 7.6 35.5 53.3#

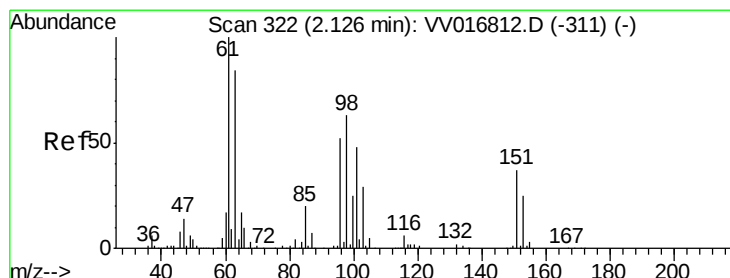
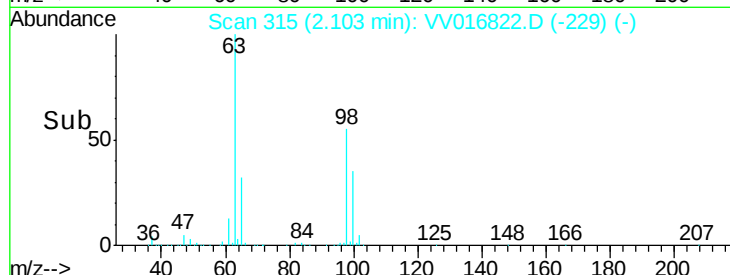
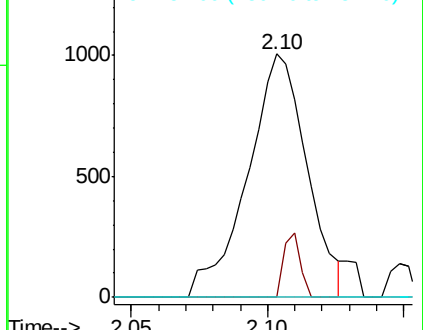
151 0.0 63.9 95.9#



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: 1.055 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.02 min

Lab File: VV016822.D

Acq: 11 Jun 2020 13:20

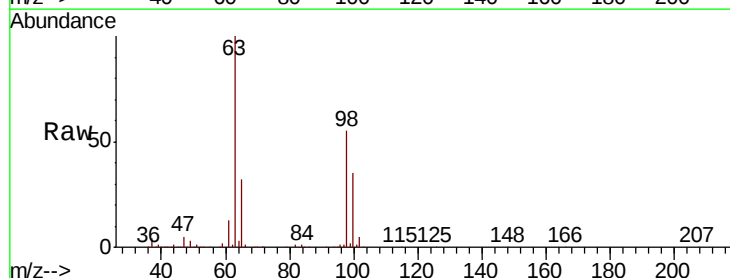
Tgt Ion: 96 Resp: 1613

Ion Ratio Lower Upper

96 100

61 1218.4 130.4 242.2#

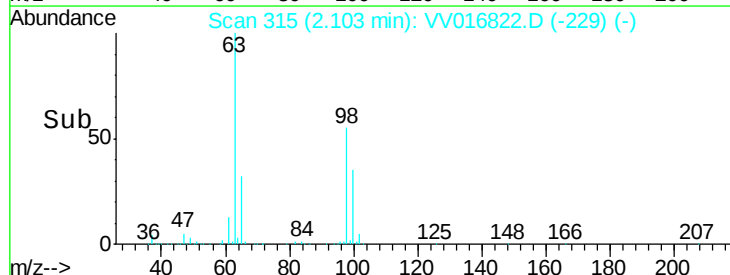
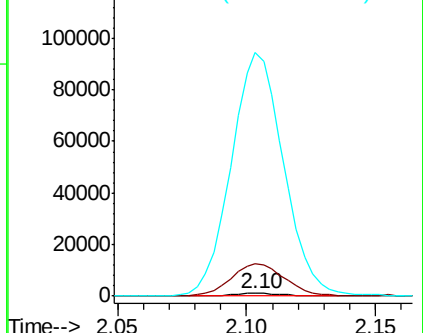
63 9196.5 103.3 191.9#

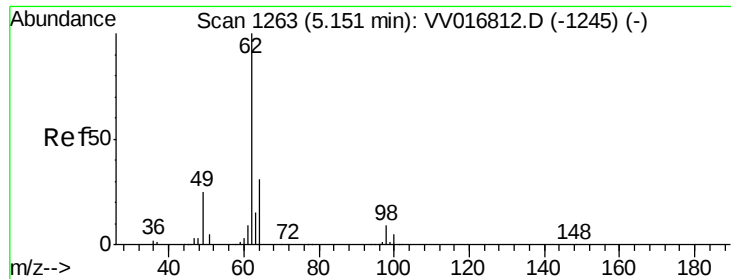


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

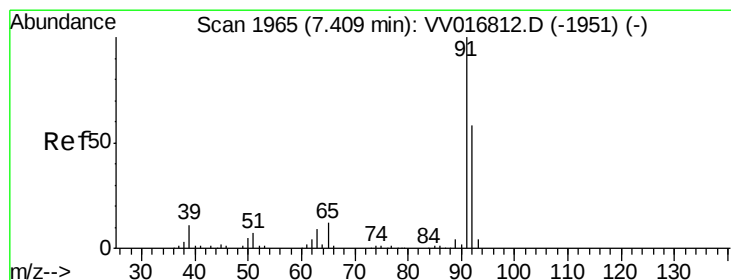
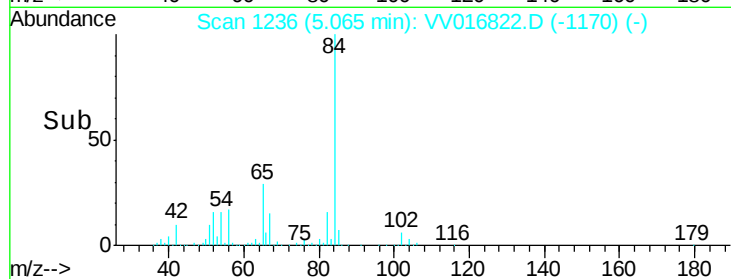
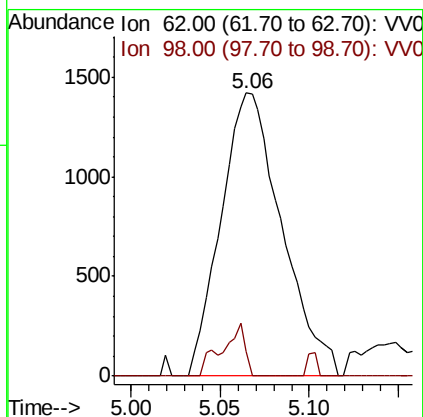
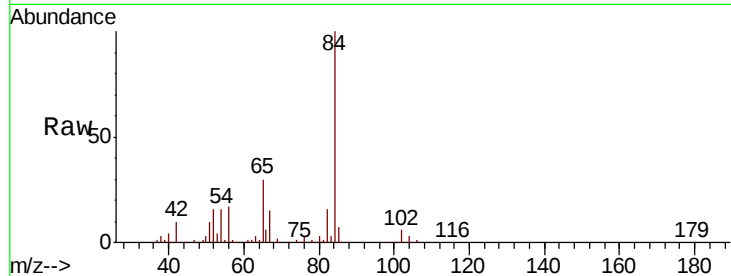




#27
 1,2-Dichloroethane
 Concen: 0.996 ug/L
 RT: 5.06 min Scan# 1236
 Delta R.T. -0.09 min
 Lab File: VV016822.D
 Acq: 11 Jun 2020 13:20

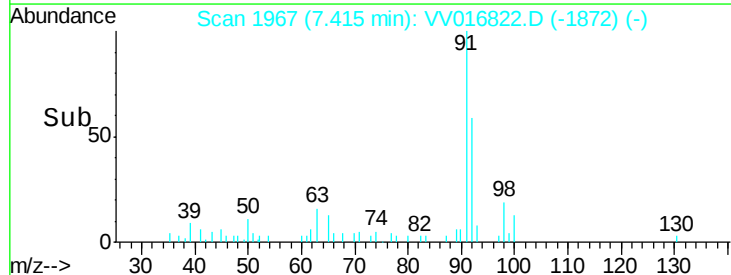
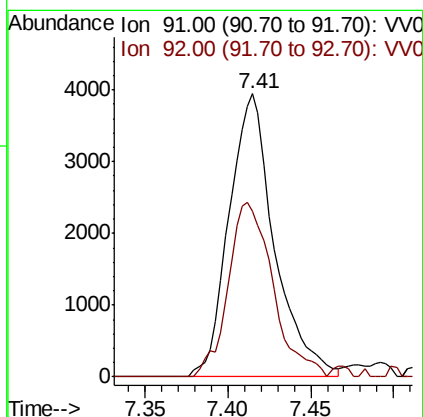
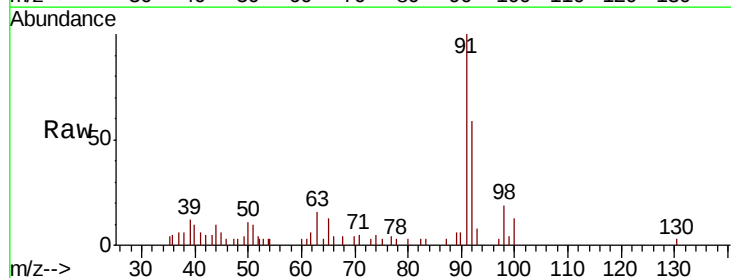
Instrument :
 MSVOA_V
 ClientSampleId :

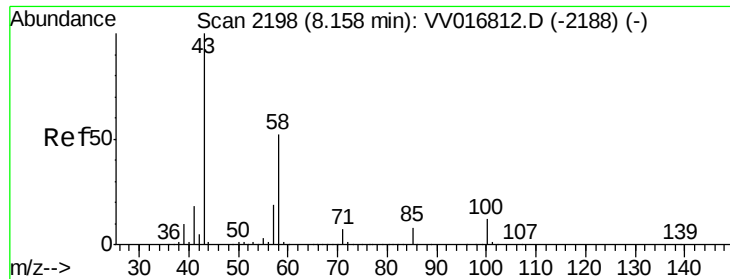
Tot Ion: 62 Resp: 3366
 Ion Ratio Lower Upper
 62 100
 98 8.6 7.4 11.2



#42
 Toluene
 Concen: 0.822 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016822.D
 Acq: 11 Jun 2020 13:20

Tgt Ion: 91 Resp: 7498
 Ion Ratio Lower Upper
 91 100
 92 58.6 40.4 75.0





#48

2-Hexanone

Concen: 3.623 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV016822.D

Acq: 11 Jun 2020 13:20

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 8955

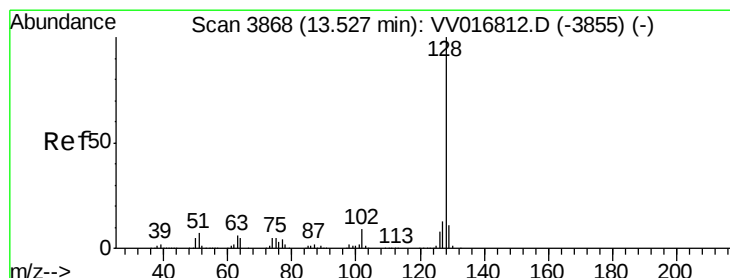
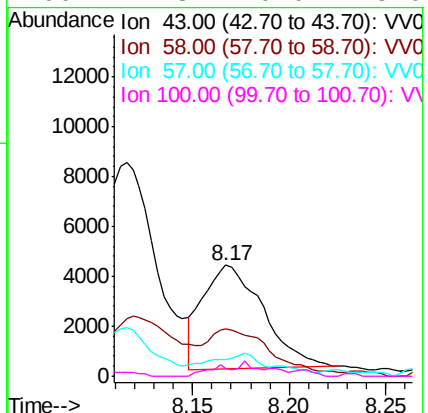
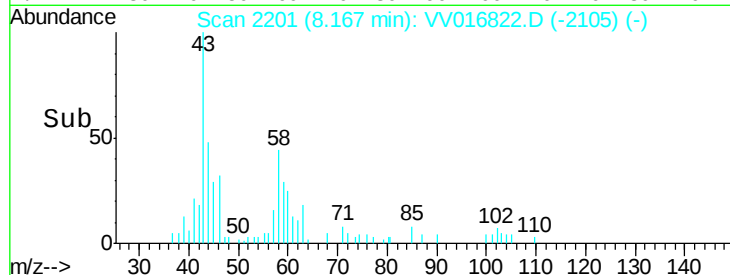
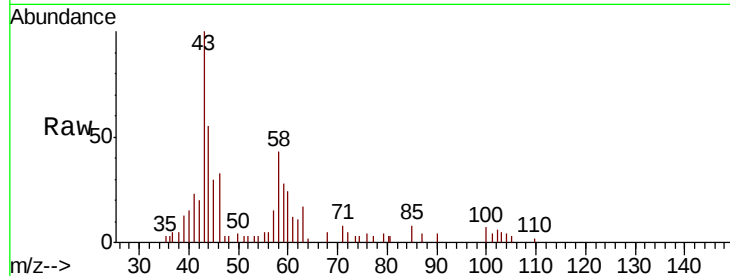
Ion Ratio Lower Upper

43 100

58 47.5 43.1 64.7

57 0.0 15.3 22.9#

100 1.3 10.0 15.0#



#69

Naphthalene

Concen: 2.911 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016822.D

Acq: 11 Jun 2020 13:20

Tgt Ion: 128 Resp: 28298

Ion Ratio Lower Upper

128 100

127 11.9 10.5 15.7

129 11.6 8.7 13.1

