

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018423.D
 Acq On : 24 Sep 2020 12:58
 Operator : SY/MD
 Sample : L4109-11 20X
 Misc : 5.91g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X1

Quant Time: Sep 25 04:45:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323253	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168963	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116452	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	104176	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.66%
11) 1,1-Dichloroethene-d2	2.12	63	179892	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	3.91	46	195006	120.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.94%
24) Chloroform-d	4.38	84	250679	54.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.70%
26) 1,2-Dichloroethane-d4	5.06	65	165139	56.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.72%
32) Benzene-d6	5.08	84	503694	55.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.56%
36) 1,2-Dichloropropane-d6	6.09	67	165500	57.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.36%
41) Toluene-d8	7.34	98	462373	56.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.38%
43) trans-1,3-Dichloropropene-	7.64	79	81213	55.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.40%
47) 2-Hexanone-d5	8.11	63	131267	120.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	206509	57.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	205037	59.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.18%

Target Compounds

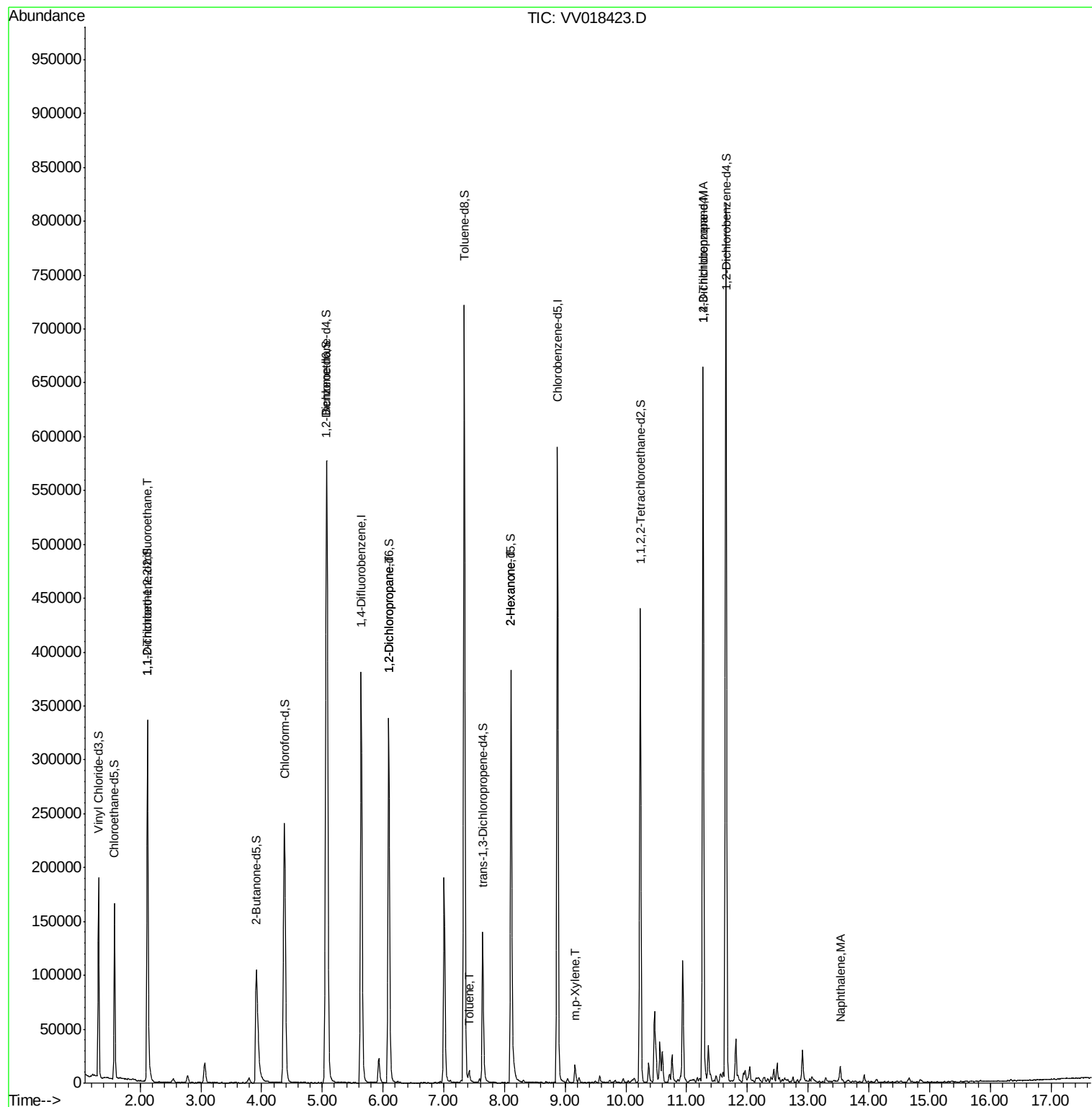
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1666	0.764 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	17495	7.321 ug/L #	87
42) Toluene	7.42	91	7994	0.838 ug/L	98
48) 2-Hexanone	8.11	43	16438	7.192 ug/L #	72
53) m,p-Xylene	9.16	106	5014	1.289 ug/L	92
59) 1,2,3-Trichloropropane	11.27	75	19354	6.886 ug/L	93
69) Naphthalene	13.53	128	11520	1.291 ug/L	99

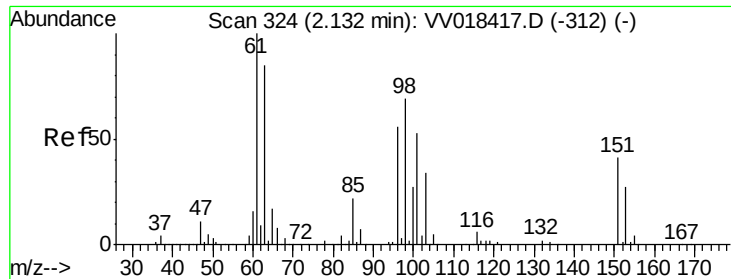
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.764 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018423.D

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Instrument :

MSVOA_V

ClientSampleId :

BG3X1

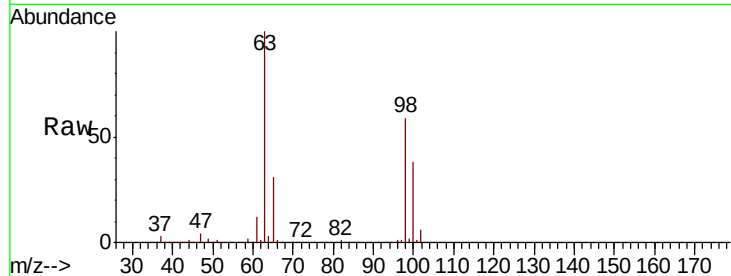
Tot Ion:101 Resp: 1666

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

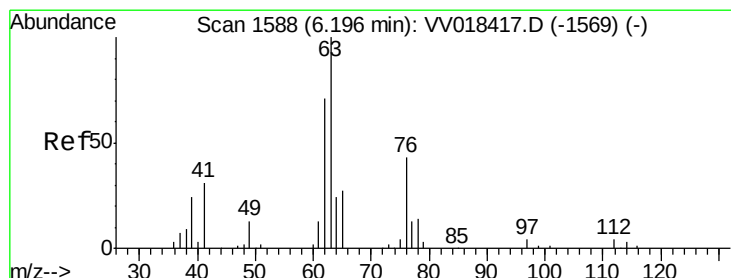
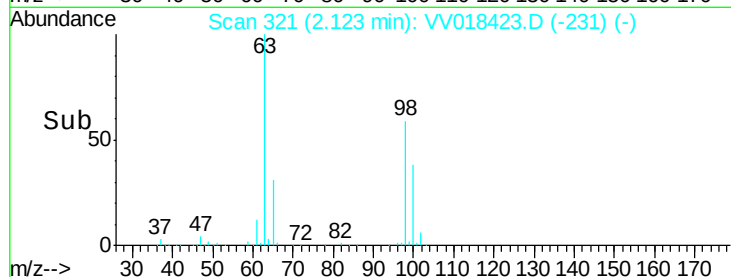
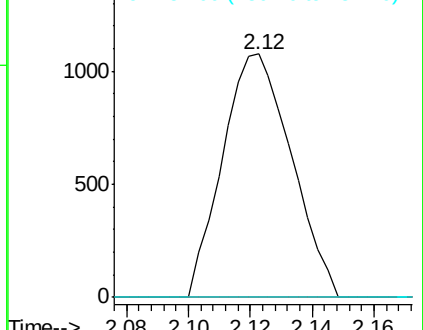
151 0.0 62.2 93.2#



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



#37

1,2-Dichloropropane

Concen: 7.321 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018423.D

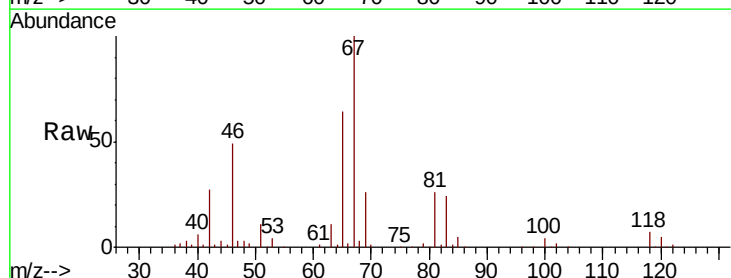
Acq: 24 Sep 2020 12:58

Tgt Ion: 63 Resp: 17495

Ion Ratio Lower Upper

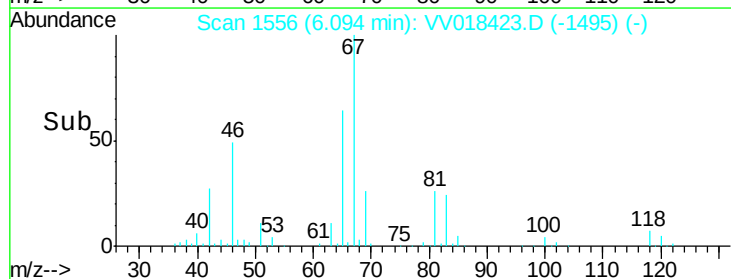
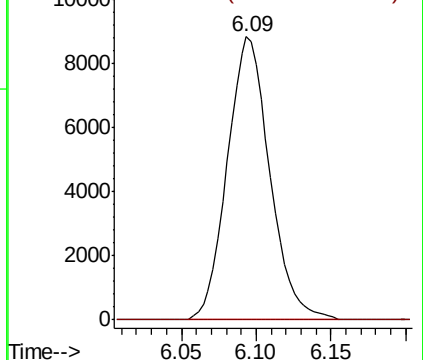
63 100

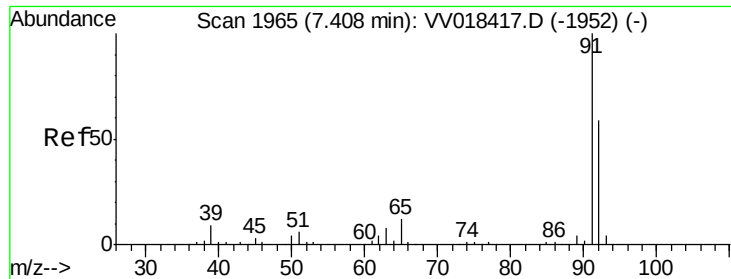
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#42

Toluene

Concen: 0.838 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV018423.D

Acq: 24 Sep 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

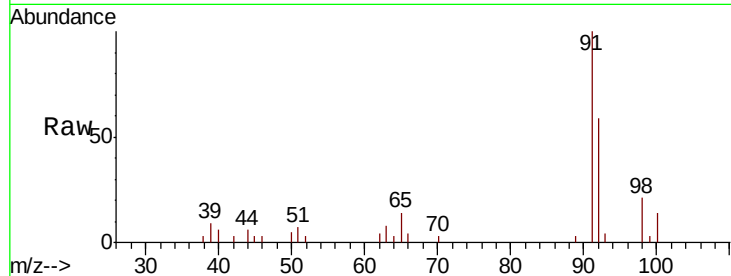
BG3X1

Tot Ion: 91 Resp: 7994

Ion Ratio Lower Upper

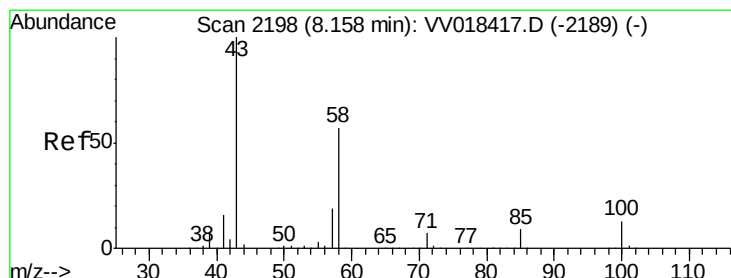
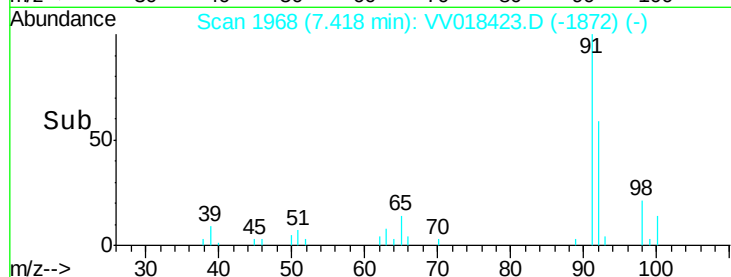
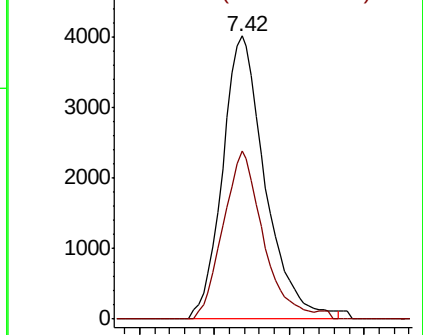
91 100

92 59.4 40.7 75.5



Abundance Ion 91.00 (90.70 to 91.70): VV018417.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV018417.D (-1952) (-)



#48

2-Hexanone

Concen: 7.192 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV018423.D

Acq: 24 Sep 2020 12:58

Tgt Ion: 43 Resp: 16438

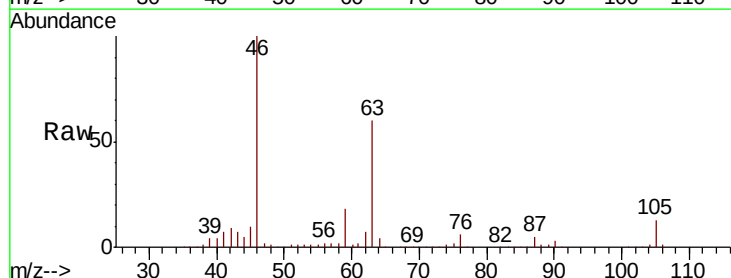
Ion Ratio Lower Upper

43 100

58 32.4 44.8 67.2#

57 25.8 15.8 23.6#

100 0.0 10.2 15.4#

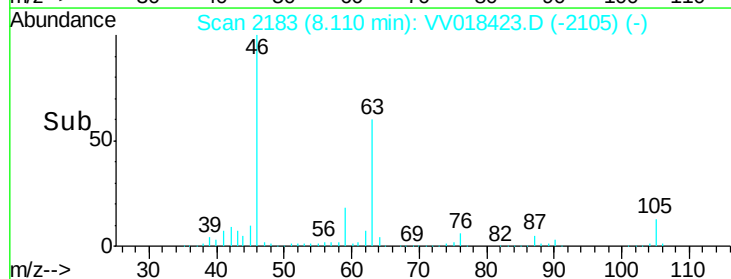
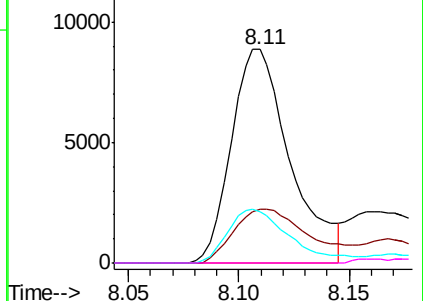


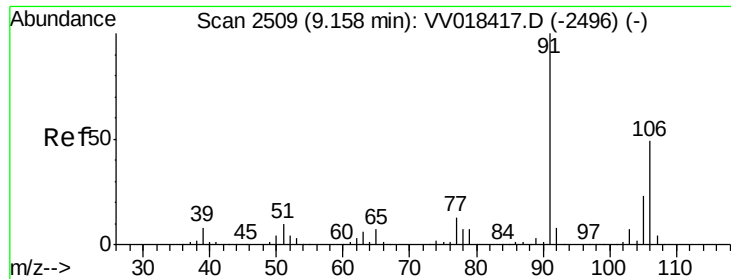
Abundance Ion 43.00 (42.70 to 43.70): VV018417.D (-2189) (-)

Ion 58.00 (57.70 to 58.70): VV018417.D (-2189) (-)

Ion 57.00 (56.70 to 57.70): VV018417.D (-2189) (-)

Ion 100.00 (99.70 to 100.70): VV018417.D (-2189) (-)





#53

m,p-Xylene

Concen: 1.289 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV018423.D

Acq: 24 Sep 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

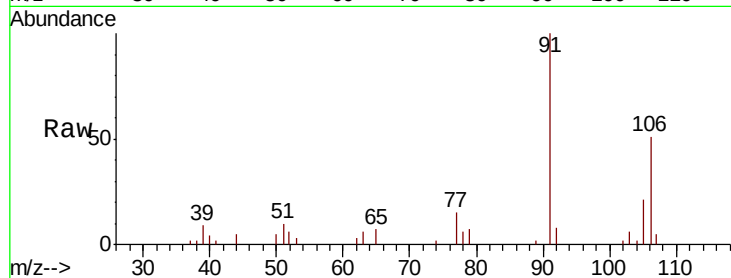
BG3X1

Tot Ion:106 Resp: 5014

Ion Ratio Lower Upper

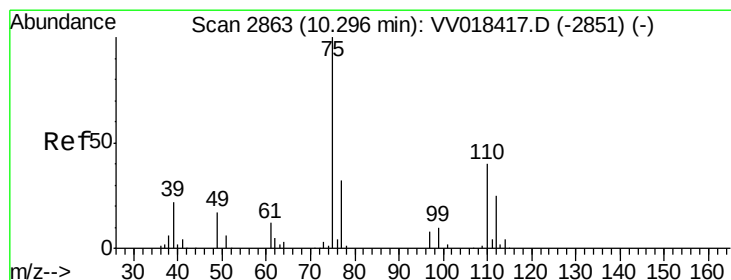
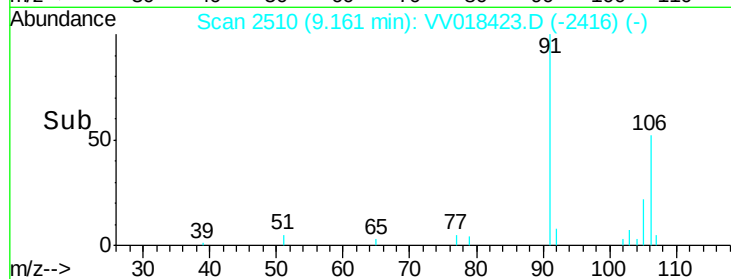
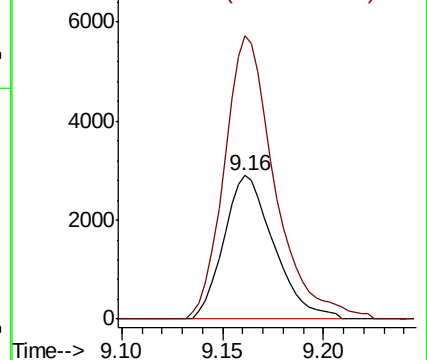
106 100

91 197.1 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): VV018423.D (-2416) (-)

Ion 91.00 (90.70 to 91.70): VV018423.D (-2416) (-)



#59

1,2,3-Trichloropropane

Concen: 6.886 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018423.D

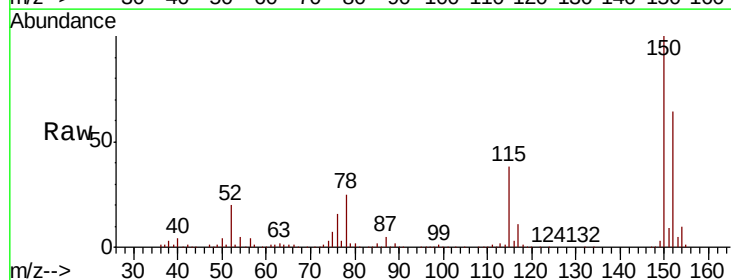
Acq: 24 Sep 2020 12:58

Tgt Ion: 75 Resp: 19354

Ion Ratio Lower Upper

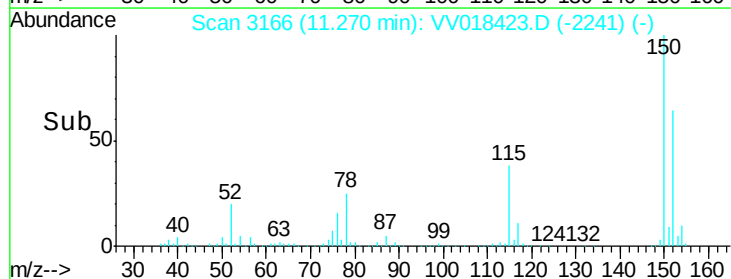
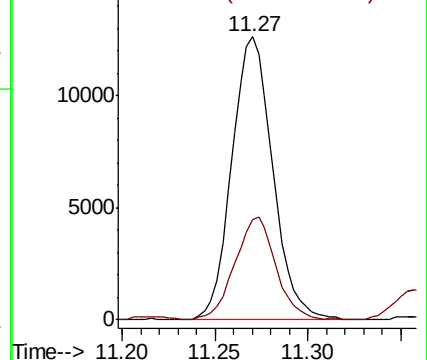
75 100

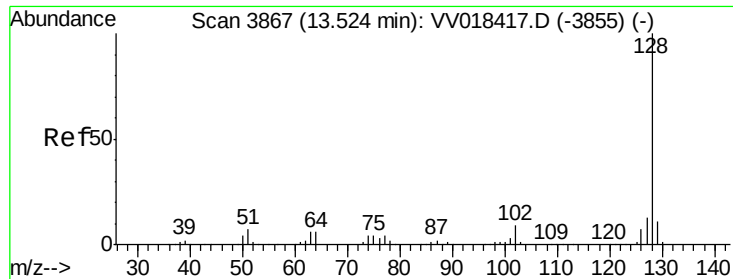
77 36.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018423.D (-2241) (-)

Ion 77.00 (76.70 to 77.70): VV018423.D (-2241) (-)





#69

Naphthalene

Concen: 1.291 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018423.D

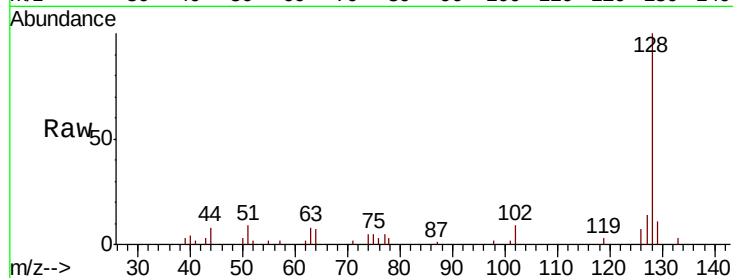
Acq: 24 Sep 2020 12:58

Instrument :

MSVOA_V

ClientSampleId :

BG3X1



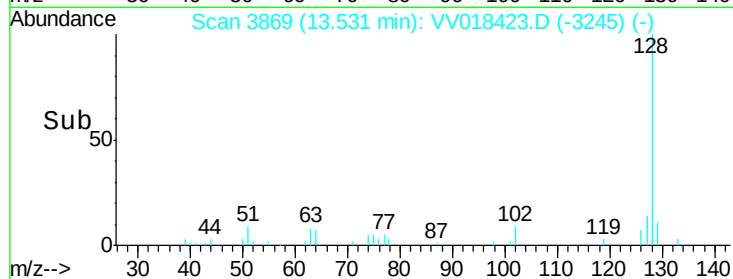
Tot Ion:128 Resp: 11520

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

