

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018447.D
 Acq On : 25 Sep 2020 12:01
 Operator : SY/MD
 Sample : L4109-03ME
 Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W7ME

Quant Time: Sep 25 23:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	405316	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	400438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	210186	50.00	ug/L	0.00

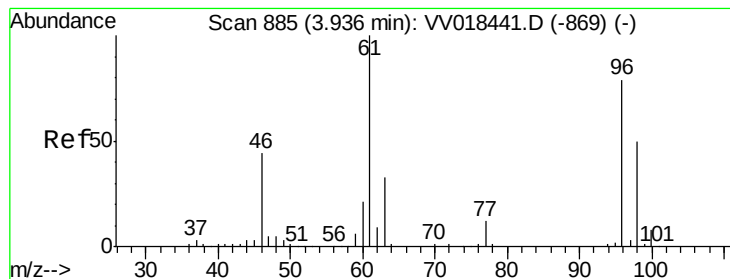
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89793	27.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.36%#
7) Chloroethane-d5	1.58	69	78846	29.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.34%#
11) 1,1-Dichloroethene-d2	2.10	63	135343	22.34	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	44.68%#
21) 2-Butanone-d5	3.93	46	132265	65.42	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	65.42%
24) Chloroform-d	4.37	84	201409	35.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.28%
26) 1,2-Dichloroethane-d4	5.05	65	134929	36.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.46%
32) Benzene-d6	5.07	84	423637	36.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.92%
36) 1,2-Dichloropropane-d6	6.09	67	137702	37.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.60%
41) Toluene-d8	7.33	98	393360	37.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.30%#
43) trans-1,3-Dichloropropene-	7.64	79	68716	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.26%
47) 2-Hexanone-d5	8.14	63	109881	79.64	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.64%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	175403	38.37	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	175416	40.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	3.93	96	8085	2.758	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	12702	2.733	ug/L	98
35) Methylcyclohexane	6.09	83	32903	7.007	ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3755	0.803	ug/L #	60
42) Toluene	7.41	91	115504	9.533	ug/L	98
48) 2-Hexanone	8.14	43	9961	3.433	ug/L #	39
53) m,p-Xylene	9.17	106	3932	0.796	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.25	83	2868	0.689	ug/L #	23
59) 1,2,3-Trichloropropane	11.27	75	22894	6.416	ug/L	90
69) Naphthalene	13.53	128	20320	1.830	ug/L #	93

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



#20

cis-1,2-Dichloroethene

Concen: 2.758 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV018447.D

Acq: 25 Sep 2020 12:01

Instrument :

MSVOA_V

ClientSampleId :

BG3W7ME

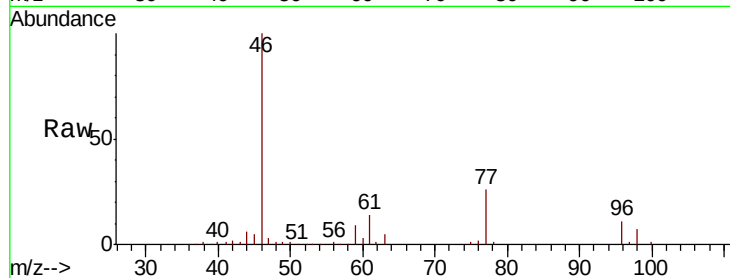
Tot Ion: 96 Resp: 8085

Ion Ratio Lower Upper

96 100

61 131.4 93.6 173.8

68 0.0 0.0 0.0

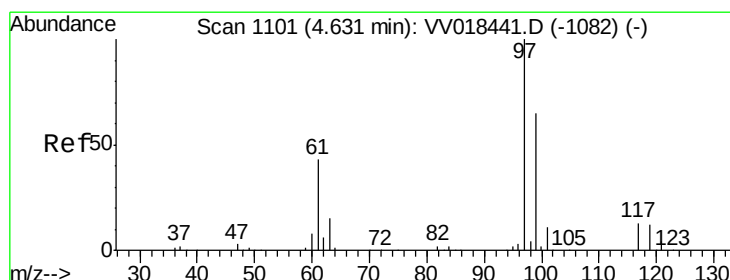
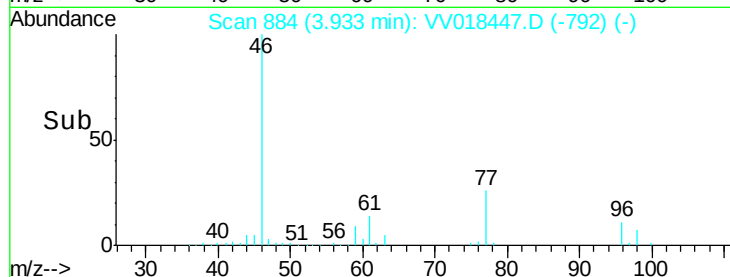


Abundance Ion 96.00 (95.70 to 96.70): VV018441.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV018441.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV018441.D (-869) (-)

Time-->



#30

1,1,1-Trichloroethane

Concen: 2.733 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV018447.D

Acq: 25 Sep 2020 12:01

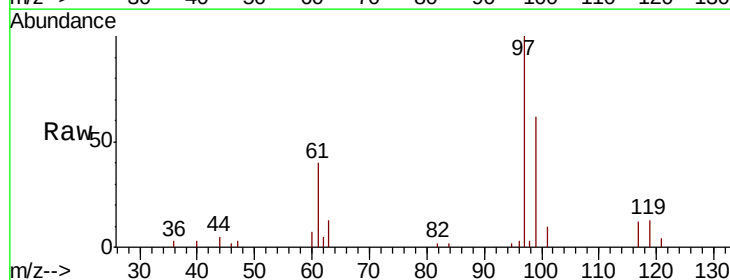
Tgt Ion: 97 Resp: 12702

Ion Ratio Lower Upper

97 100

99 67.0 51.6 77.4

61 44.2 34.9 52.3

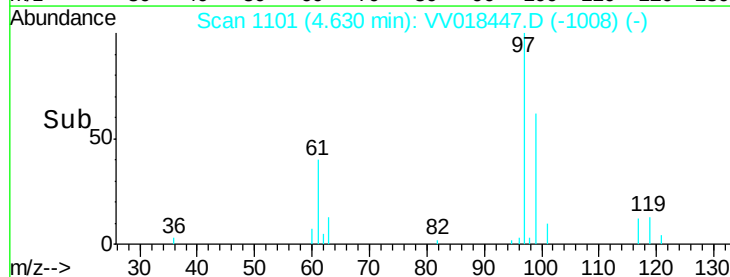


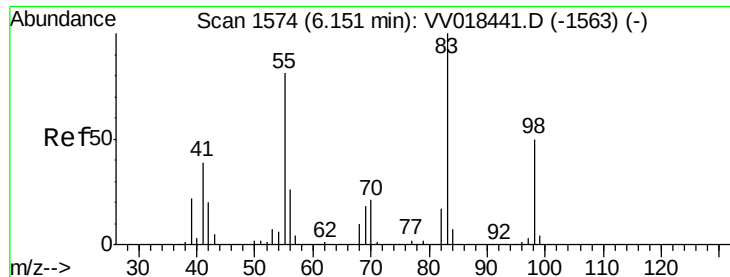
Abundance Ion 97.00 (96.70 to 97.70): VV018441.D (-1082) (-)

Ion 99.00 (98.70 to 99.70): VV018441.D (-1082) (-)

Ion 61.05 (60.75 to 61.75): VV018441.D (-1082) (-)

Time-->

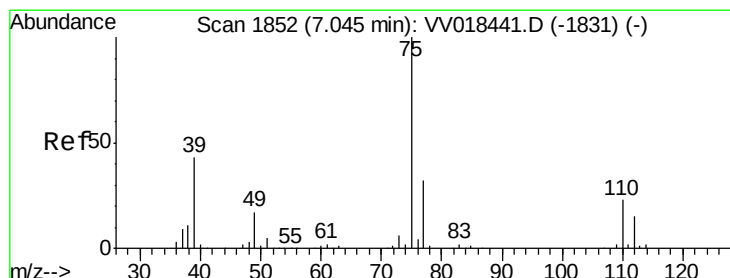
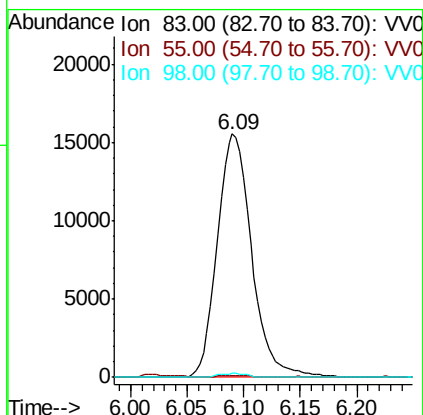
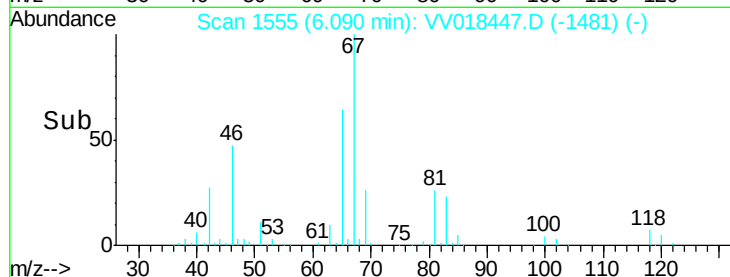
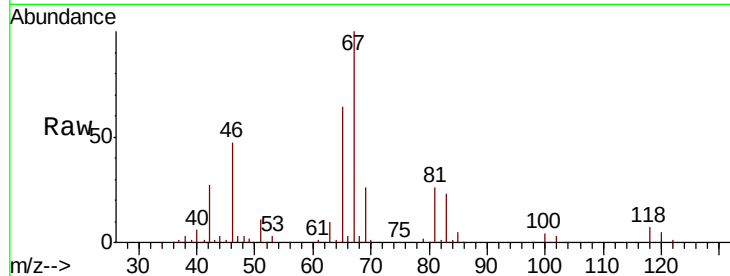




#35
Methylvlcyclohexane
Concen: 7.007 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018447.D
Acq: 25 Sep 2020 12:01

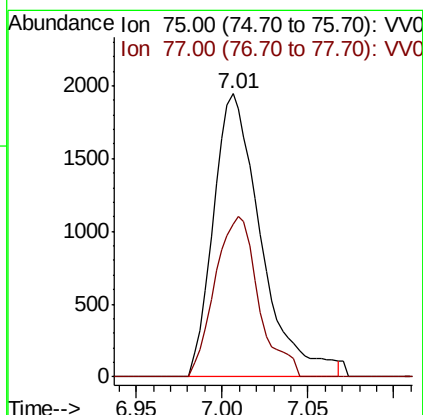
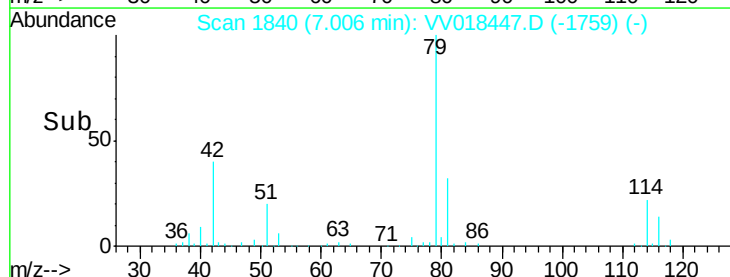
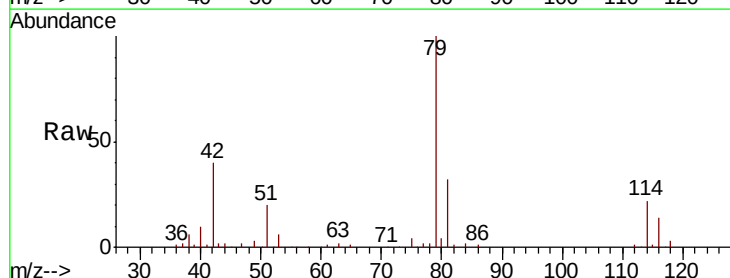
Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

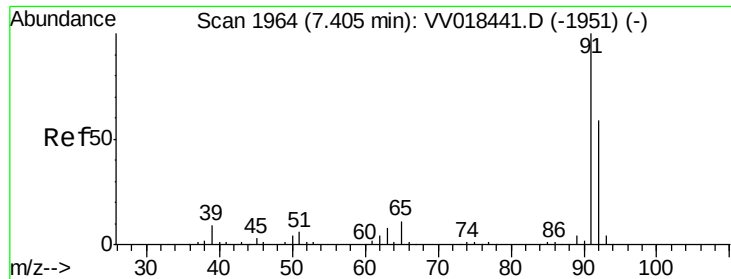
Tot Ion: 83 Resp: 32903
Ion Ratio Lower Upper
83 100
55 0.6 63.4 95.2#
98 1.2 38.8 58.2#



#39
cis-1,3-Dichloropropene
Concen: 0.803 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018447.D
Acq: 25 Sep 2020 12:01

Tgt Ion: 75 Resp: 3755
Ion Ratio Lower Upper
75 100
77 54.0 22.3 41.3#





#42

Toluene

Concen: 9.533 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV018447.D

Acq: 25 Sep 2020 12:01

Instrument :

MSVOA_V

ClientSampleId :

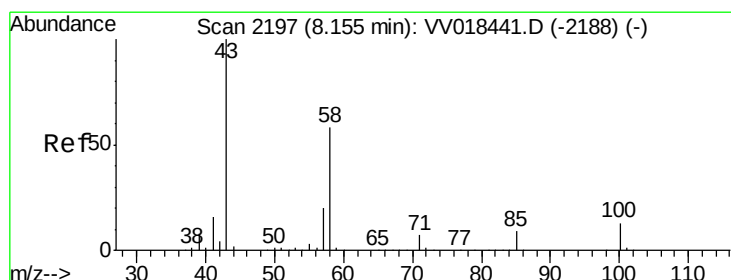
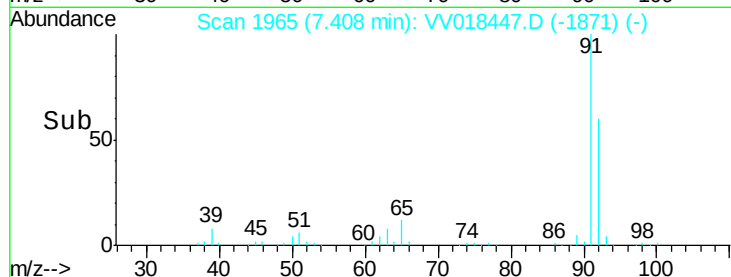
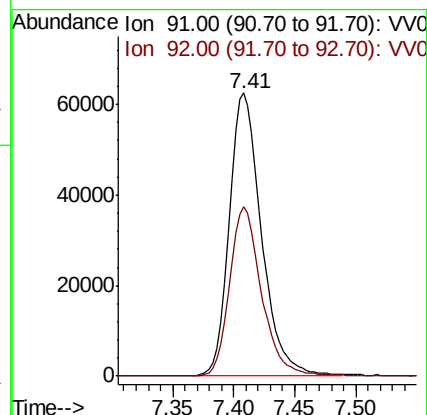
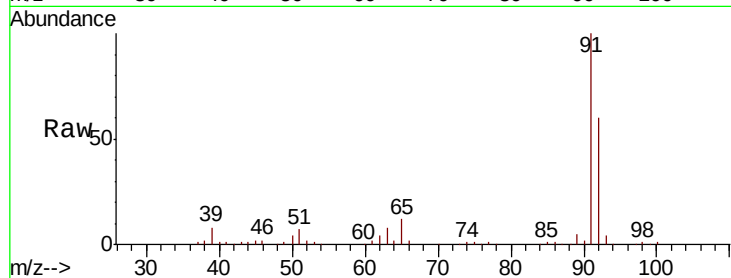
BG3W7ME

Tot Ion: 91 Resp: 115504

Ion Ratio Lower Upper

91 100

92 59.8 40.7 75.5



#48

2-Hexanone

Concen: 3.433 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.02 min

Lab File: VV018447.D

Acq: 25 Sep 2020 12:01

Tgt Ion: 43 Resp: 9961

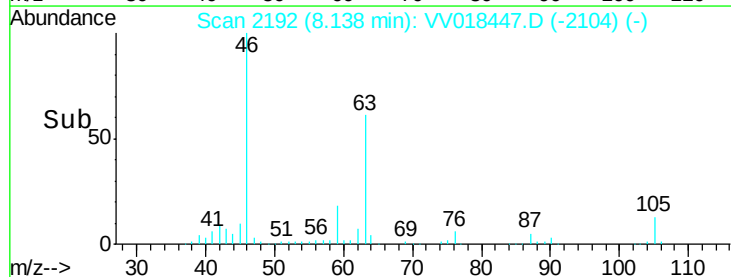
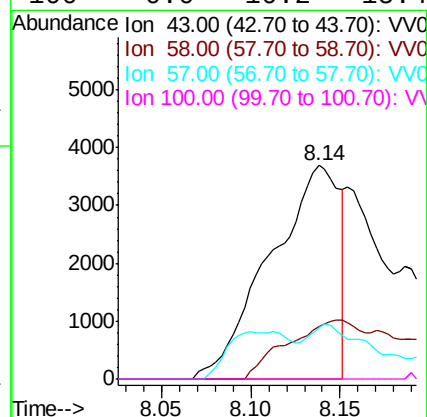
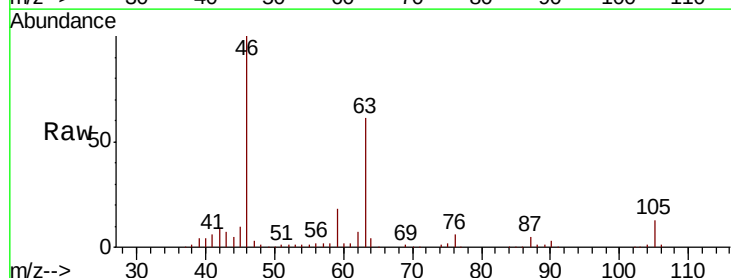
Ion Ratio Lower Upper

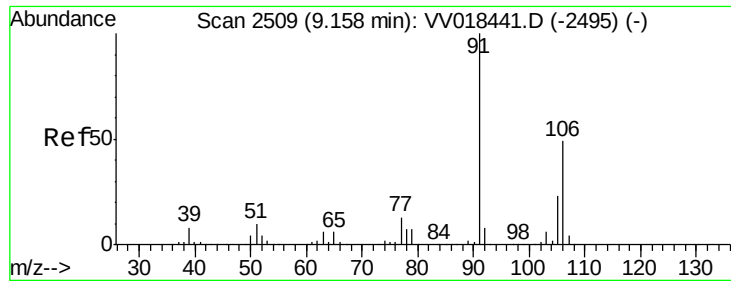
43 100

58 0.0 44.8 67.2#

57 2.7 15.8 23.6#

100 0.0 10.2 15.4#





#53

m,p-Xylene

Concen: 0.796 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV018447.D

Acq: 25 Sep 2020 12:01

Instrument :

MSVOA_V

ClientSampleId :

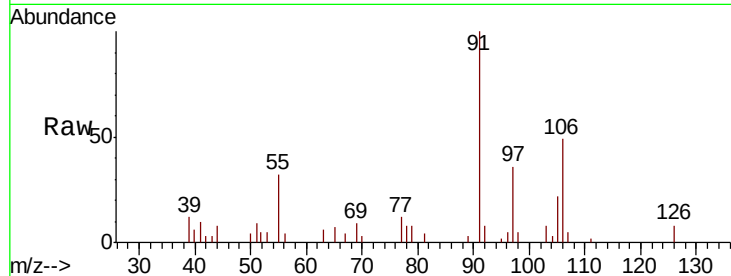
BG3W7ME

Tot Ion:106 Resp: 3932

Ion Ratio Lower Upper

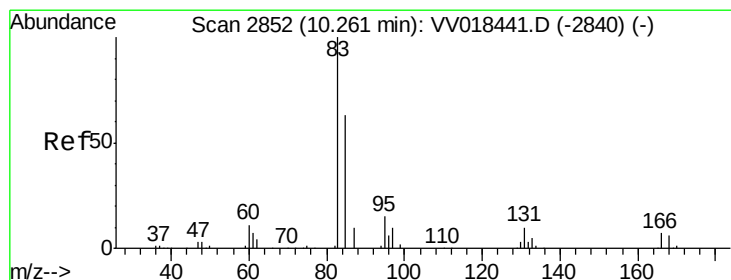
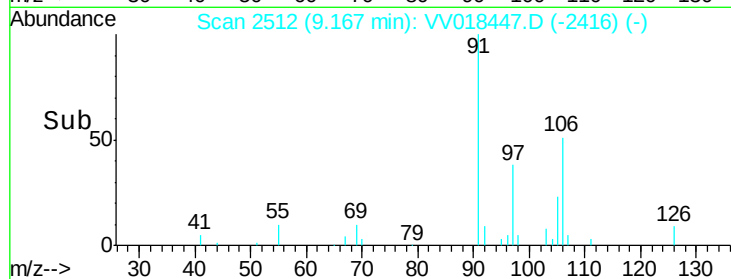
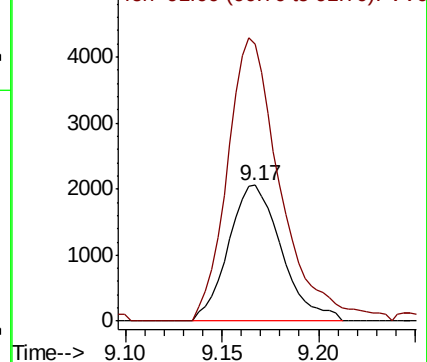
106 100

91 204.6 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): VV018447.D (-2416) (-)

Ion 91.00 (90.70 to 91.70): VV018447.D (-2416) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 0.689 ug/L

RT: 10.25 min Scan# 2850

Delta R.T. -0.01 min

Lab File: VV018447.D

Acq: 25 Sep 2020 12:01

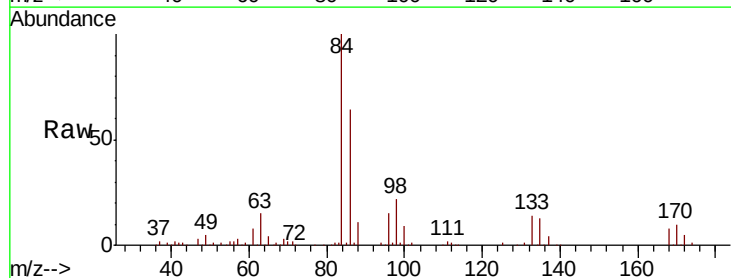
Tgt Ion: 83 Resp: 2868

Ion Ratio Lower Upper

83 100

85 107.6 45.8 85.2#

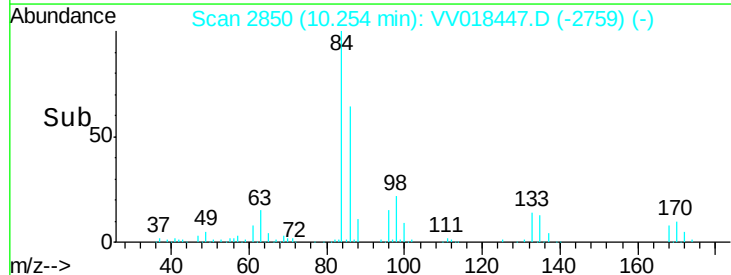
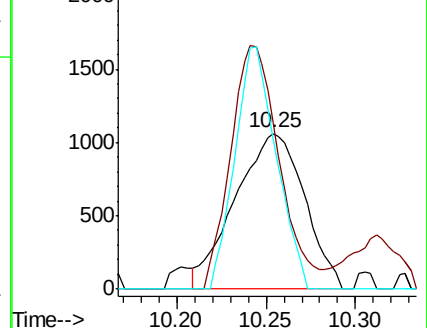
131 96.6 8.0 12.0#

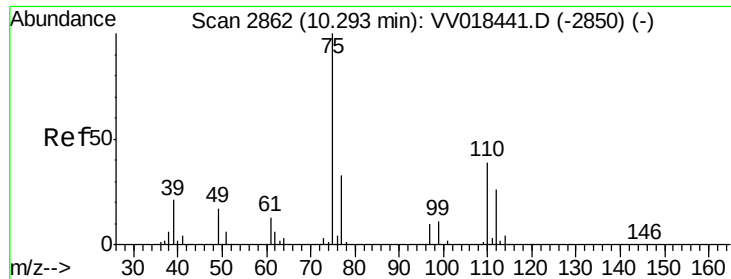


Abundance Ion 83.00 (82.70 to 83.70): VV018447.D (-2759) (-)

Ion 85.00 (84.70 to 85.70): VV018447.D (-2759) (-)

Ion 131.00 (130.70 to 131.70): VV018447.D (-2759) (-)





#59

1,2,3-Trichloropropane

Concen: 6.416 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018447.D

Acq: 25 Sep 2020 12:01

Instrument :

MSVOA_V

ClientSampleId :

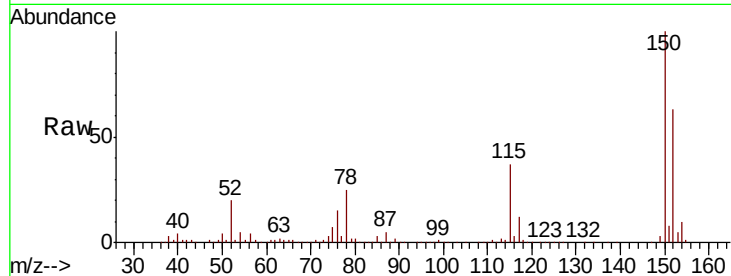
BG3W7ME

Tot Ion: 75 Resp: 22894

Ion Ratio Lower Upper

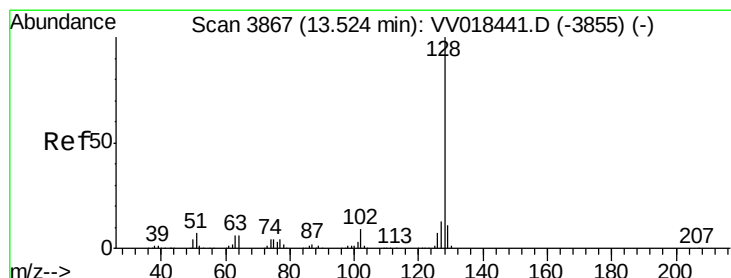
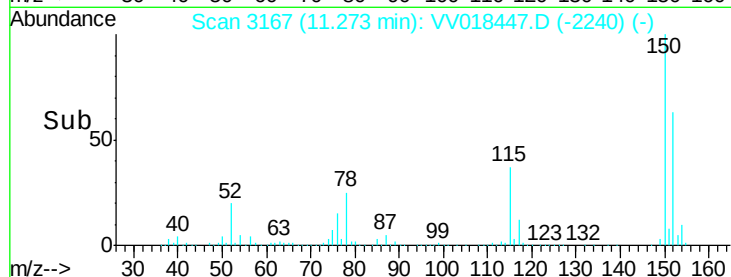
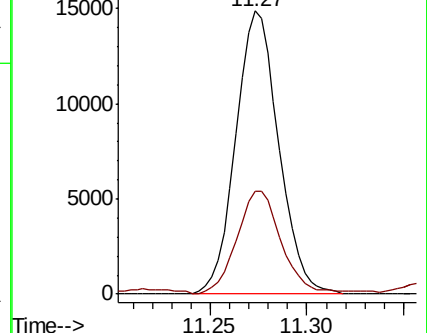
75 100

77 37.9 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018441.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV018441.D (-2850) (-)



#69

Naphthalene

Concen: 1.830 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018447.D

Acq: 25 Sep 2020 12:01

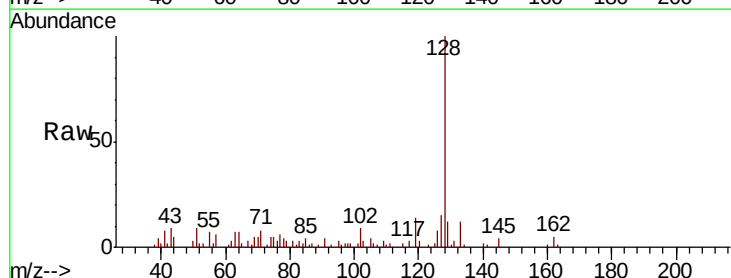
Tgt Ion: 128 Resp: 20320

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 15.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VV018441.D (-3855) (-)

Ion 127.00 (126.70 to 127.70): VV018441.D (-3855) (-)

Ion 129.00 (128.70 to 129.70): VV018441.D (-3855) (-)

