

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\
 Data File : VV018052.D
 Acq On : 18 Aug 2020 14:19
 Operator : SY/MD
 Sample : L3702-19ME
 Misc : 6.09g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 07:57:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 07:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291832	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	284838	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	133049	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90442	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.24%
7) Chloroethane-d5	1.58	69	69668	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.48%
11) 1,1-Dichloroethene-d2	2.10	63	137830	32.36	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	3.93	46	104681	71.78	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.78%
24) Chloroform-d	4.37	84	171204	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	5.05	65	116972	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
32) Benzene-d6	5.07	84	342681	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
36) 1,2-Dichloropropane-d6	6.09	67	111568	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.94%
41) Toluene-d8	7.34	98	306449	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%
43) trans-1,3-Dichloropropene-	7.64	79	51829	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
47) 2-Hexanone-d5	8.14	63	60073	72.94	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.94%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	124643	37.30	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	120751	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%

Target Compounds

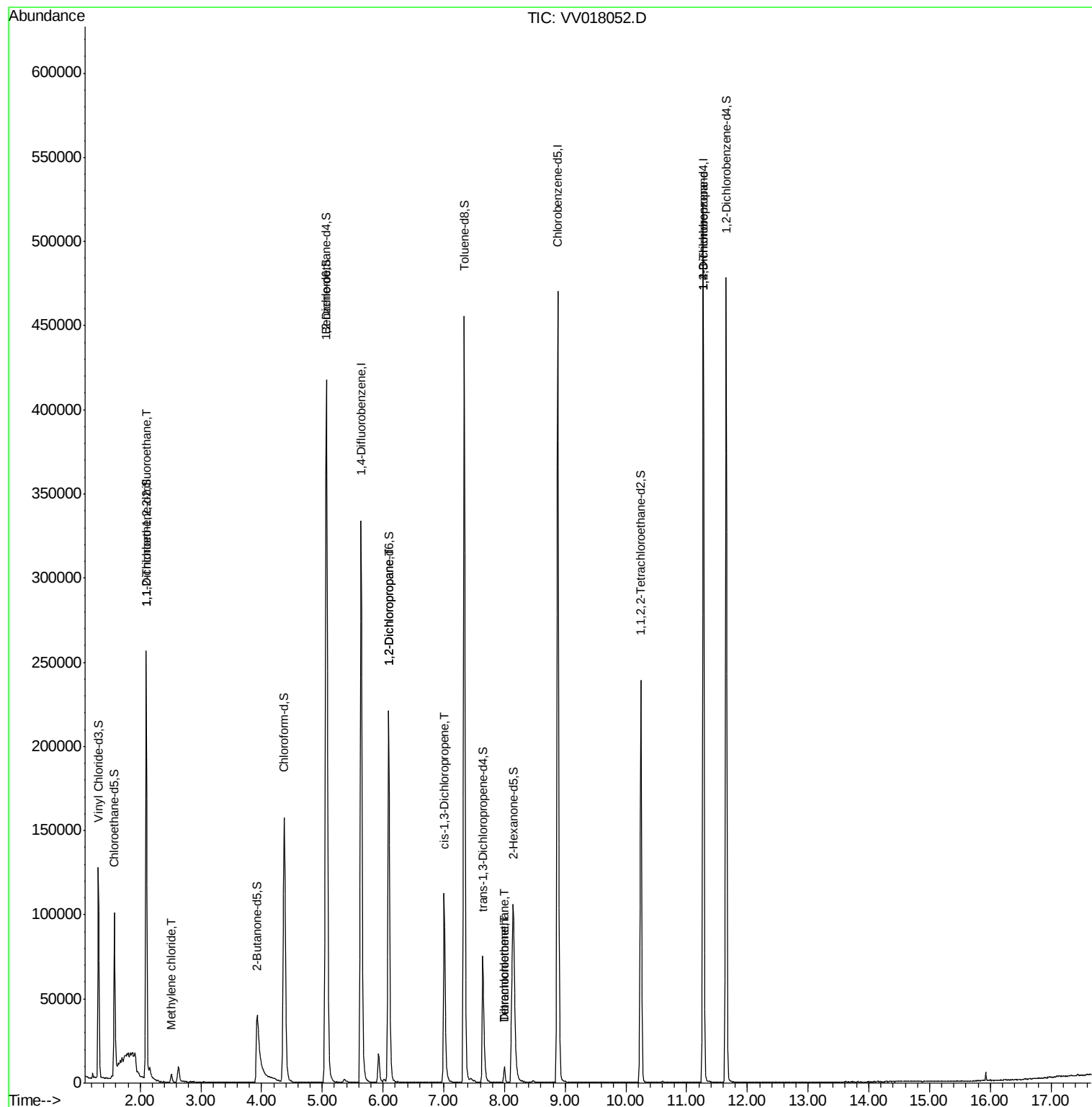
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1375	0.665 ug/L #	20
16) Methylene chloride	2.51	84	2094	0.840 ug/L	94
37) 1,2-Dichloropropane	6.09	63	12260	5.101 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3050	0.895 ug/L #	74
46) Tetrachloroethene	8.00	164	2303	1.348 ug/L	86
49) Dibromochloromethane	8.00	129	2235	1.029 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	15723	5.297 ug/L	90

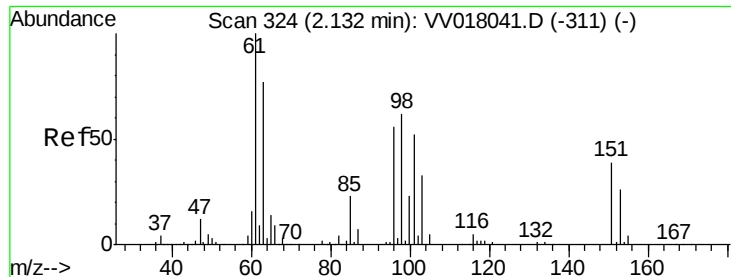
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 07:54:18 2020
Response via : Initial Calibration





#10

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

Concen: 0.665 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV018052.D

Acq: 18 Aug 2020 14:19

Instrument :

MSVOA_V

ClientSampleId :

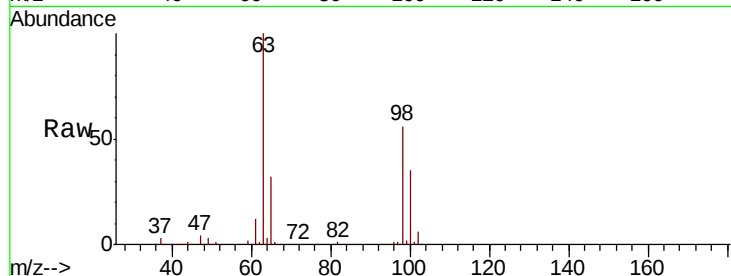
Tot Ion:101 Resp: 1375

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

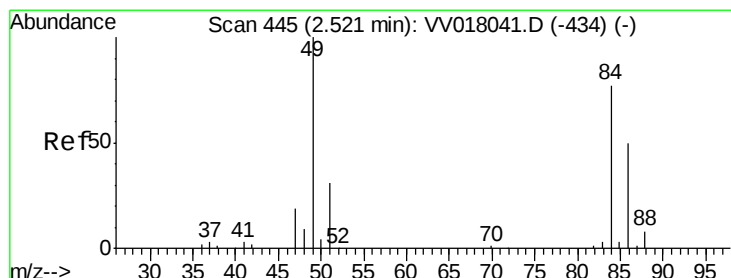
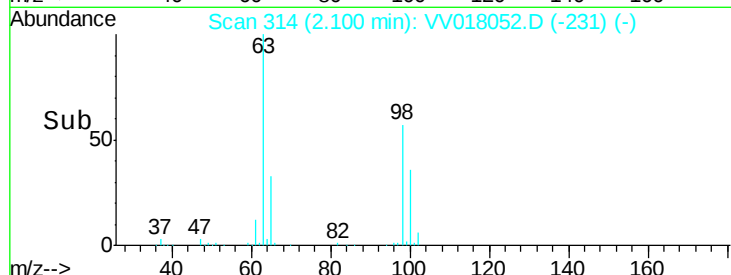
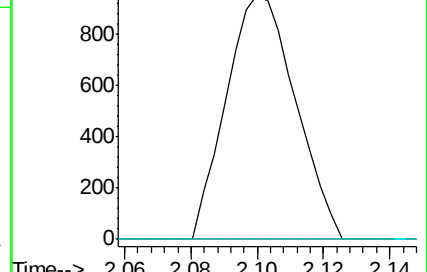
151 0.0 59.1 88.7#



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



#16

Methylene chloride

Concen: 0.840 ug/L

RT: 2.51 min Scan# 443

Delta R.T. -0.01 min

Lab File: VV018052.D

Acq: 18 Aug 2020 14:19

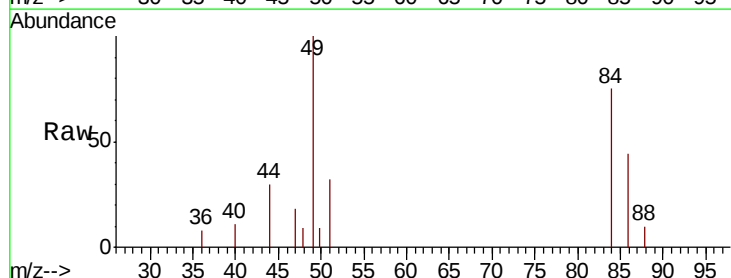
Tgt Ion: 84 Resp: 2094

Ion Ratio Lower Upper

84 100

86 58.9 46.3 85.9

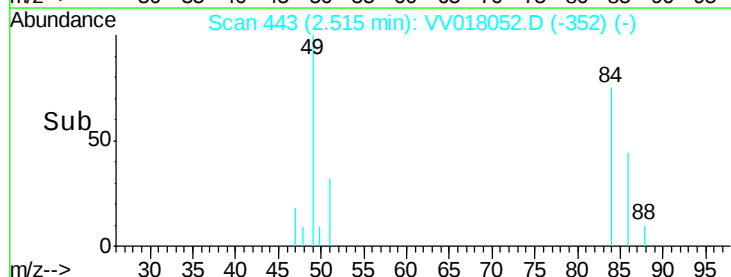
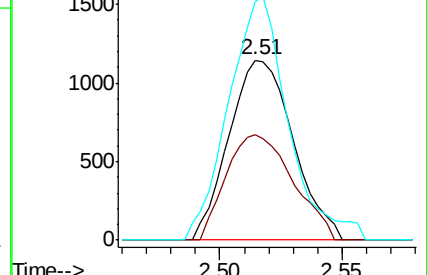
49 133.0 89.7 166.5

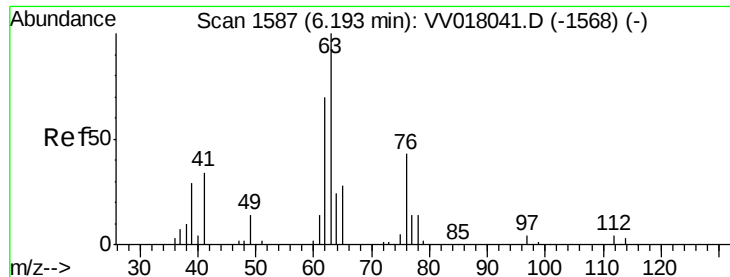


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

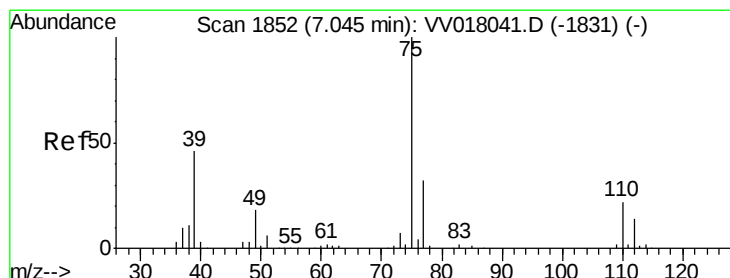
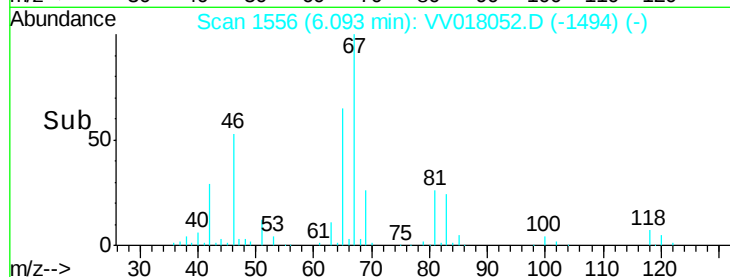
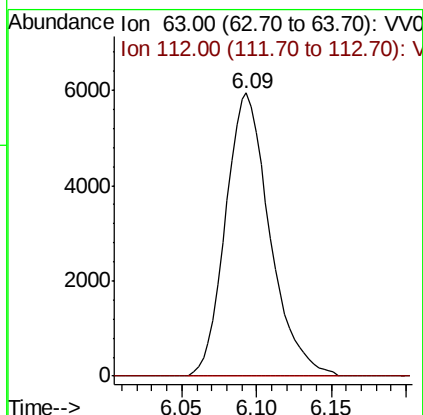
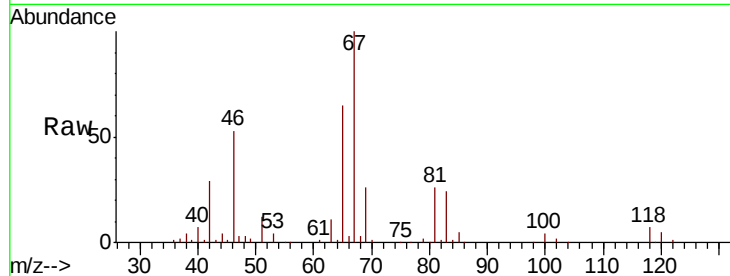




#37
 1,2-Dichloropropane
 Concen: 5.101 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018052.D
 Acq: 18 Aug 2020 14:19

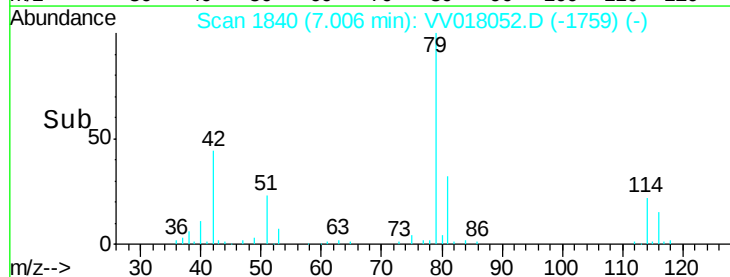
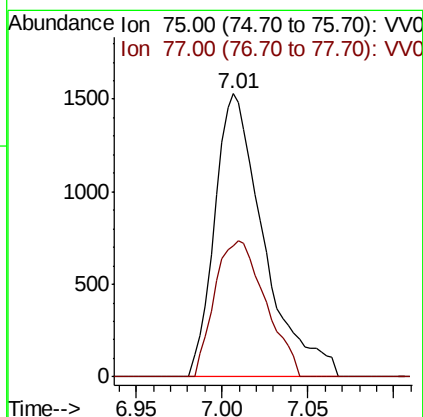
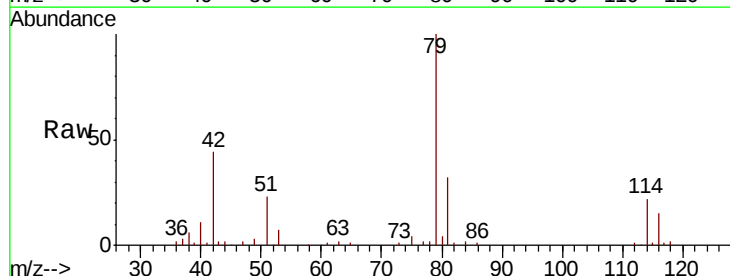
Instrument :
 MSVOA_V
 ClientSampleId :

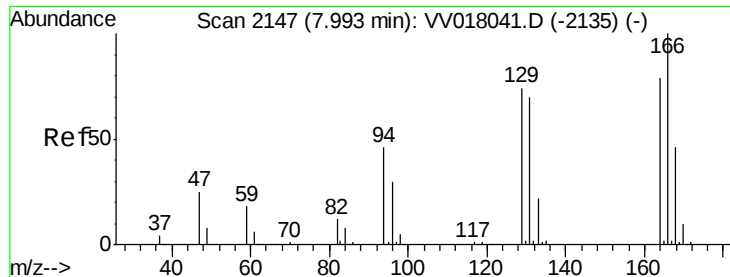
Tot Ion: 63 Resp: 12260
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.895 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018052.D
 Acq: 18 Aug 2020 14:19

Tgt Ion: 75 Resp: 3050
 Ion Ratio Lower Upper
 75 100
 77 46.3 22.3 41.5#





#46

Tetrachloroethene

Concen: 1.348 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018052.D

Acq: 18 Aug 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 2303

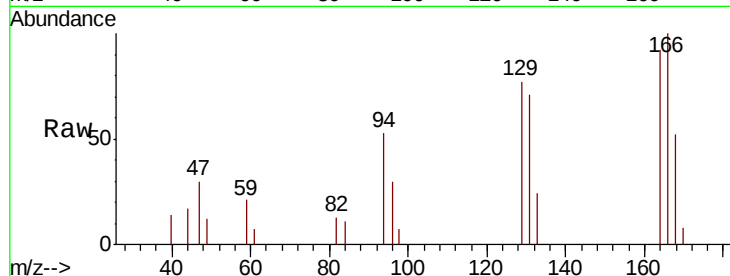
Ion Ratio Lower Upper

164 100

129 83.7 64.8 120.3

131 76.7 64.5 119.9

166 108.6 88.9 165.1

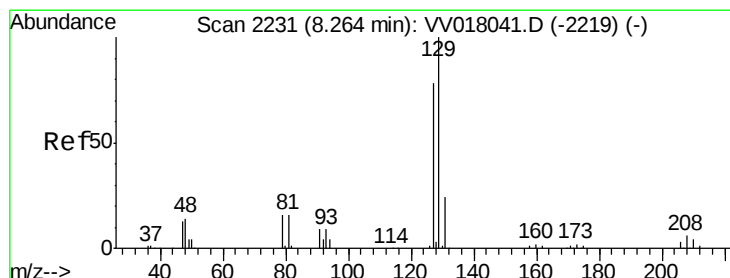
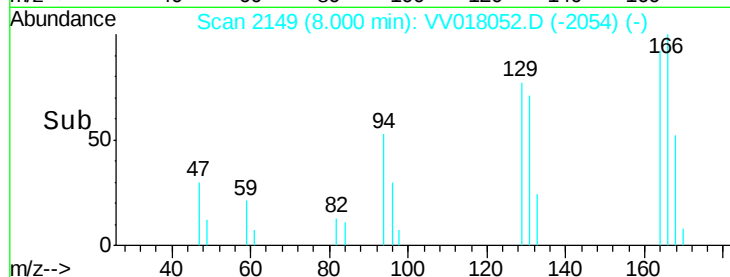
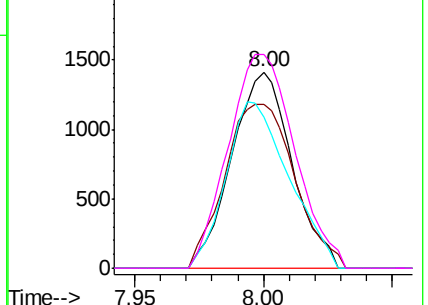


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 1.029 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV018052.D

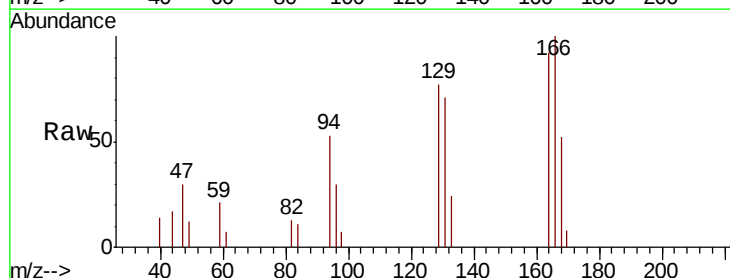
Acq: 18 Aug 2020 14:19

Tgt Ion:129 Resp: 2235

Ion Ratio Lower Upper

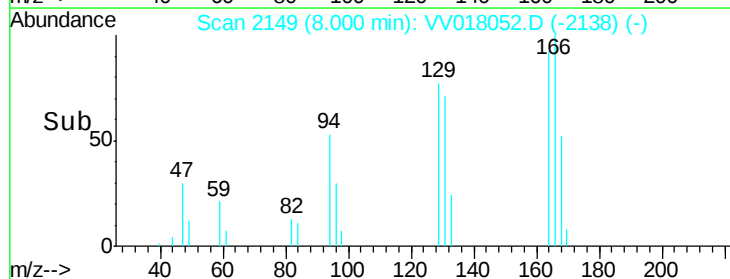
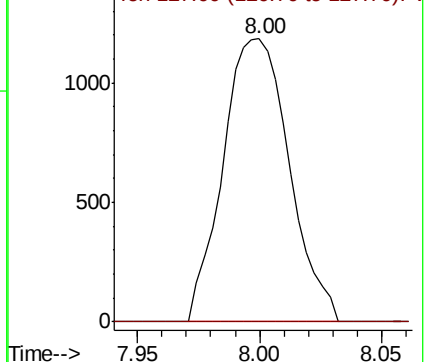
129 100

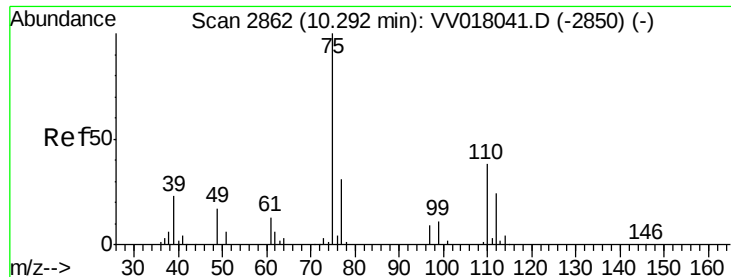
127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.297 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018052.D

Acq: 18 Aug 2020 14:19

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15723

Ion Ratio Lower Upper

75 100

77 37.6 25.7 38.5

