

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018600.D
 Acq On : 01 Oct 2020 20:00
 Operator : SY/MD
 Sample : L4237-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB7

Quant Time: Oct 02 04:19:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275560	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	269528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137044	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88816	54.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.92%
7) Chloroethane-d5	1.58	69	81435	60.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.88%
11) 1,1-Dichloroethene-d2	2.12	63	145184	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
21) 2-Butanone-d5	3.92	46	106660	88.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.48%
24) Chloroform-d	4.38	84	170422	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.06	65	116132	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
32) Benzene-d6	5.08	84	341279	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
36) 1,2-Dichloropropane-d6	6.09	67	104502	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.32%
41) Toluene-d8	7.34	98	308248	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	7.64	79	49662	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.14%
47) 2-Hexanone-d5	8.11	63	60386	77.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	116839	42.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	134896	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%

Target Compounds

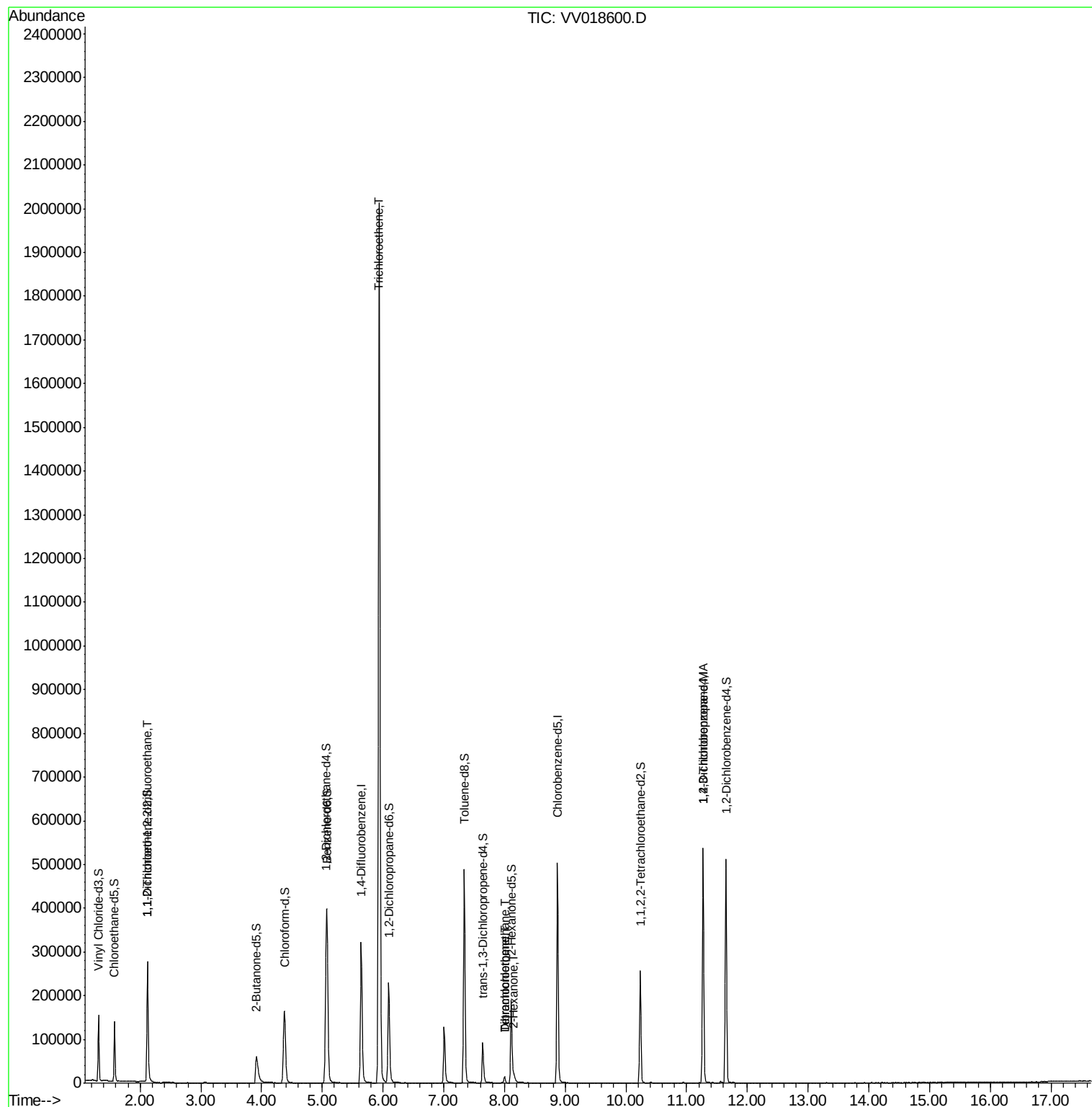
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1380	0.770 ug/L #	17
34) Trichloroethene	5.94	95	676897	294.453 ug/L	98
46) Tetrachloroethene	8.00	164	3168	1.699 ug/L	98
48) 2-Hexanone	8.16	43	6378	3.118 ug/L #	89
49) Dibromochloromethane	8.00	129	2785	1.211 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	15485	6.266 ug/L	90

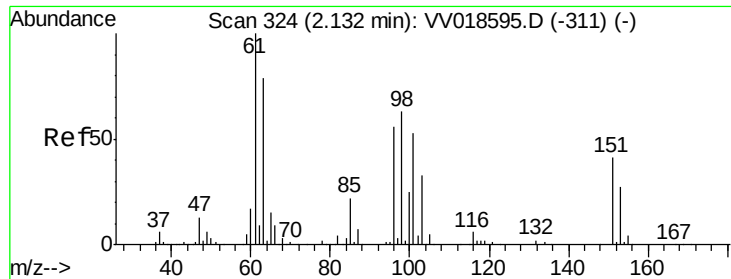
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 04:18:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.770 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018600.D

Acq: 01 Oct 2020 20:00

Instrument :

MSVOA_V

ClientSampled :

E0AB7

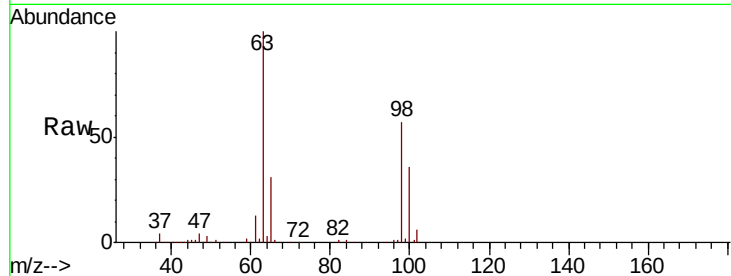
Tot Ion:101 Resp: 1380

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

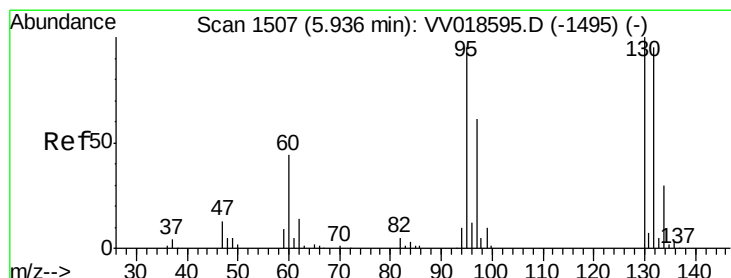
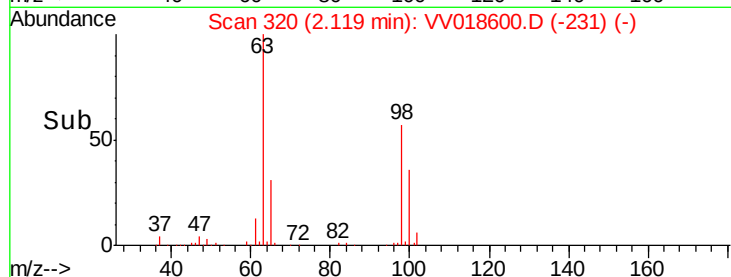
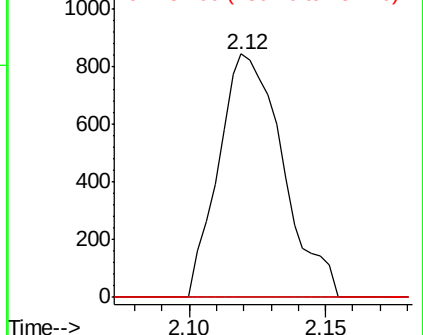
151 0.0 64.3 96.5#



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



#34

Trichloroethene

Concen: 294.453 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018600.D

Acq: 01 Oct 2020 20:00

Tgt Ion: 95 Resp: 676897

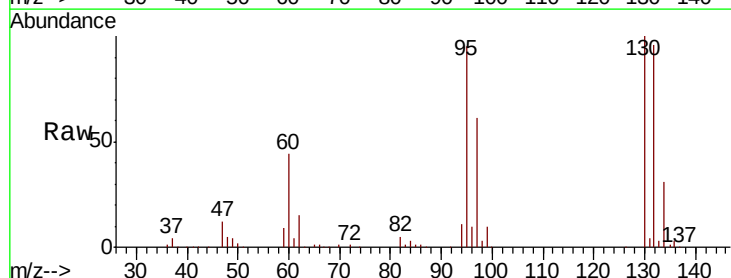
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 100.3 70.8 131.4

130 104.8 75.3 139.8

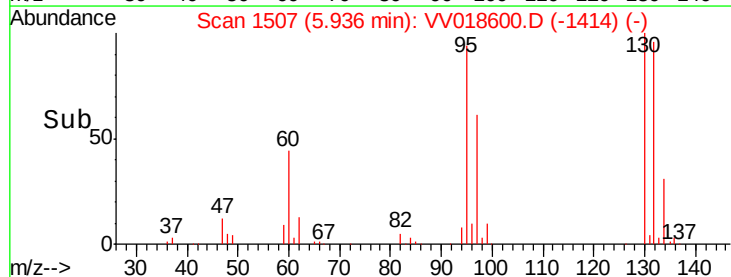
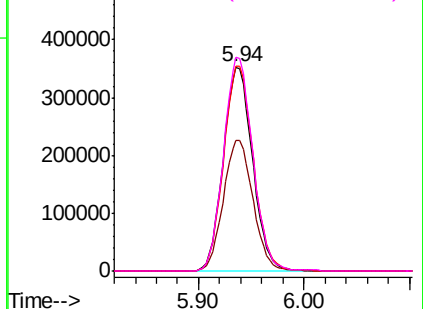


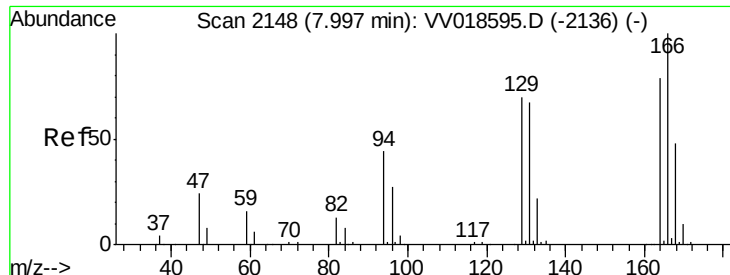
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 1.699 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018600.D

Acq: 01 Oct 2020 20:00

Instrument :

MSVOA_V

ClientSampleId :

E0AB7

Tot Ion:164 Resp: 3168

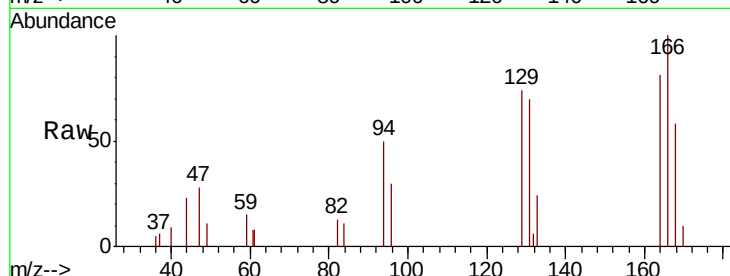
Ion Ratio Lower Upper

164 100

129 91.1 62.8 116.6

131 86.7 60.8 112.8

166 123.9 88.9 165.1

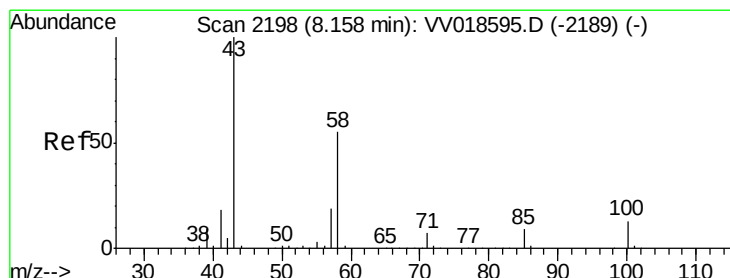
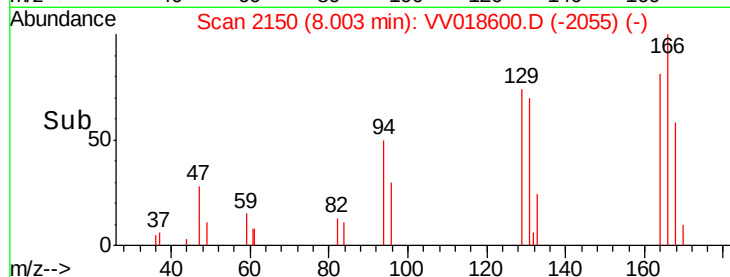
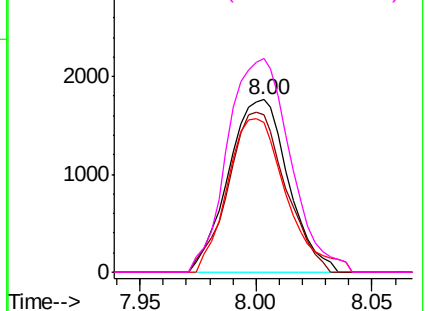


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 3.118 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018600.D

Acq: 01 Oct 2020 20:00

Tgt Ion: 43 Resp: 6378

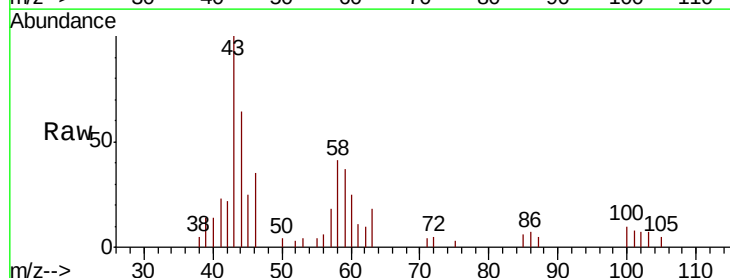
Ion Ratio Lower Upper

43 100

58 50.1 45.1 67.7

57 13.9 15.7 23.5#

100 6.5 11.0 16.4#

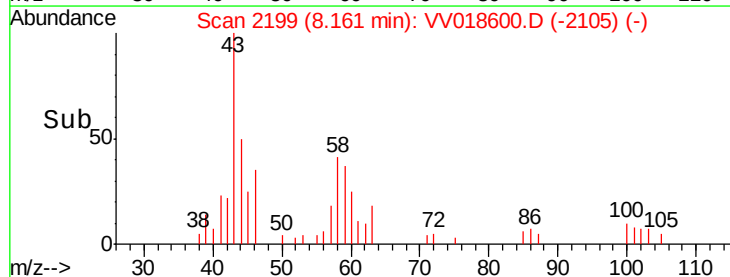
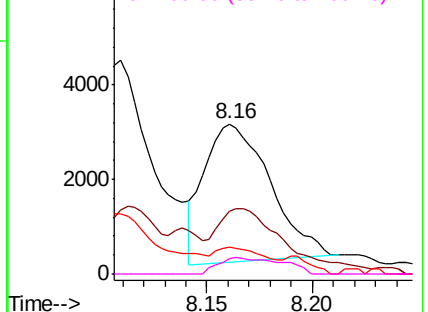


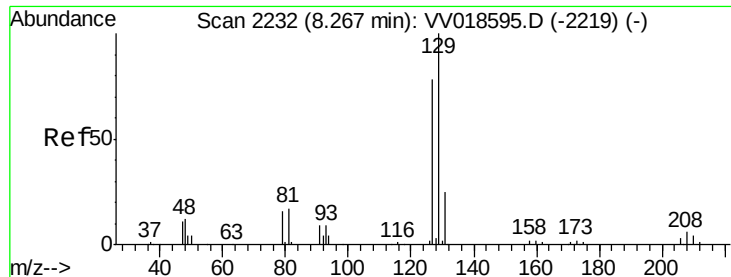
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 1.211 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV018600.D

Acq: 01 Oct 2020 20:00

Instrument :

MSVOA_V

ClientSampleId :

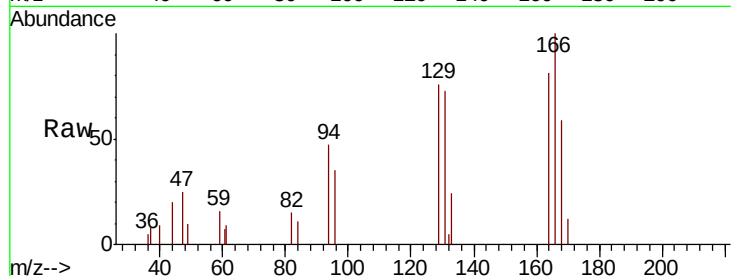
E0AB7

Tot Ion:129 Resp: 2785

Ion Ratio Lower Upper

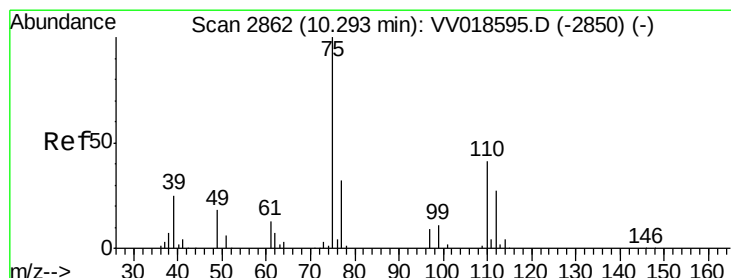
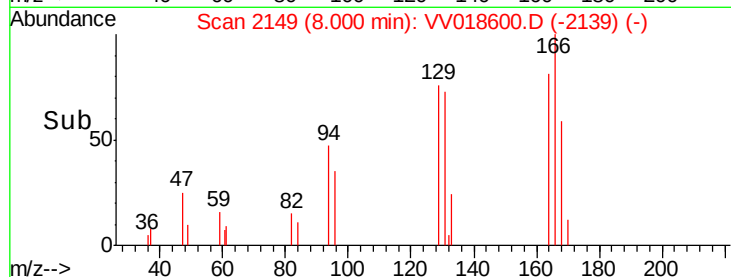
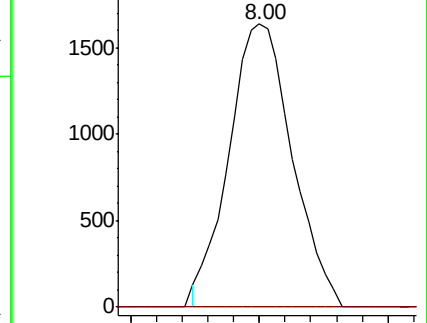
129 100

127 0.0 54.1 100.5#



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: 6.266 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018600.D

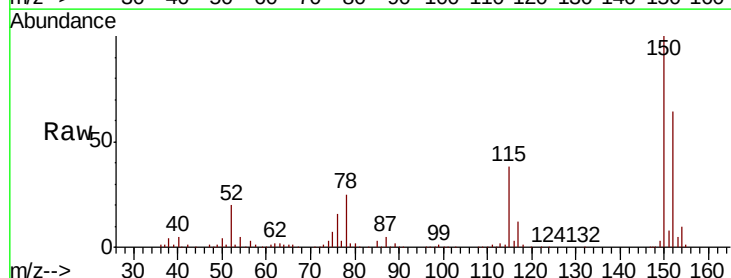
Acq: 01 Oct 2020 20:00

Tgt Ion: 75 Resp: 15485

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

