

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019193.D
 Acq On : 30 Oct 2020 18:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK64

Quant Time: Oct 31 03:05:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	221427	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216483	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106895	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71003	40.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.70%
7) Chloroethane-d5	1.58	69	57588	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.26%
11) 1,1-Dichloroethene-d2	2.12	63	109075	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	3.91	46	96089	89.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.16%
24) Chloroform-d	4.38	84	146113	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.05	65	107287	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
32) Benzene-d6	5.07	84	280476	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
36) 1,2-Dichloropropane-d6	6.09	67	86805	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.82%
41) Toluene-d8	7.34	98	258173	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.64	79	46027	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.11	63	65943	83.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.16%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	107824	43.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	110326	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%

Target Compounds

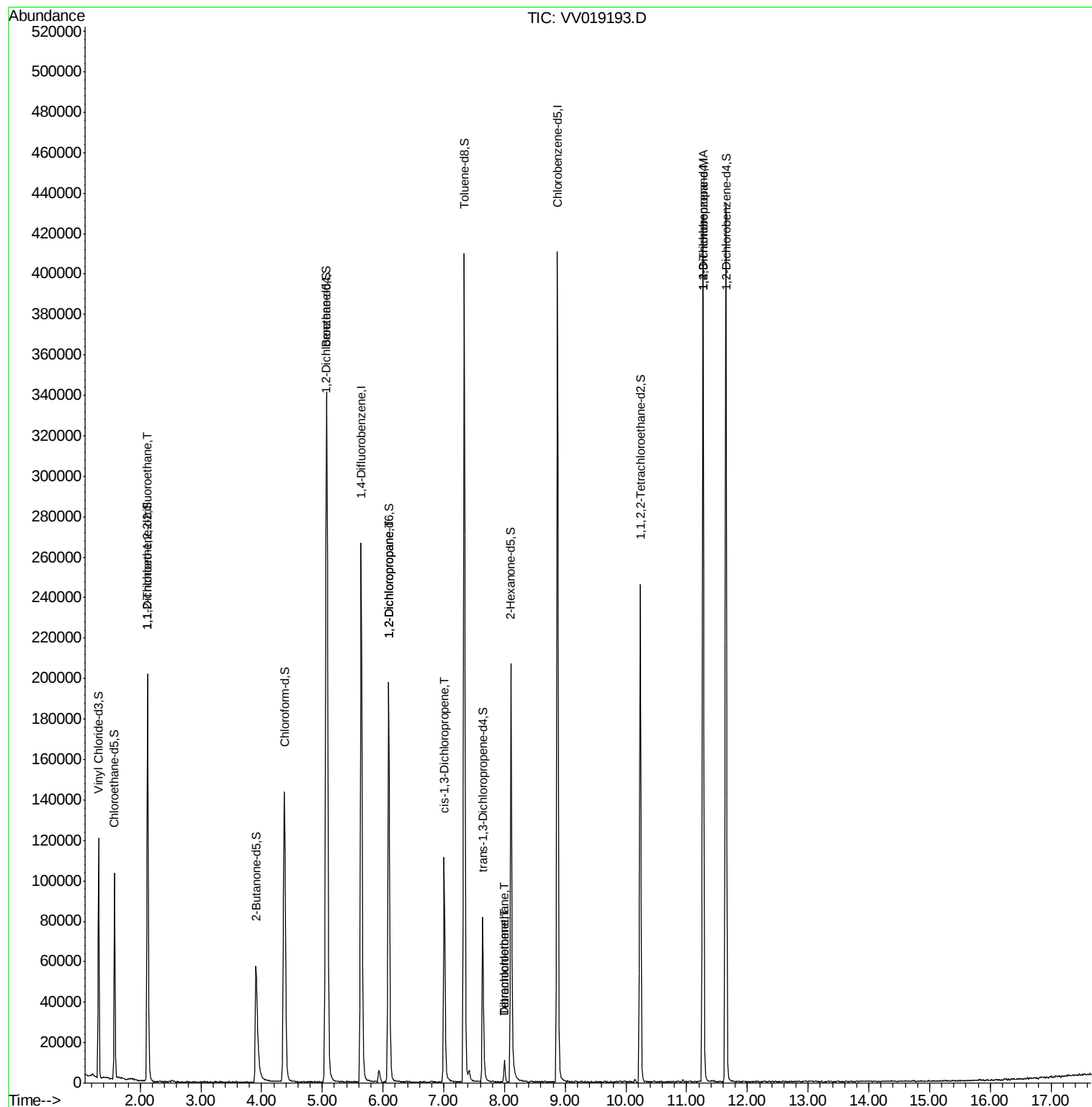
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	967	0.667 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11332	7.311 ug/L #	85
39) cis-1,3-Dichloropropene	7.00	75	2894	1.130 ug/L #	62
46) Tetrachloroethene	8.00	164	2401	1.644 ug/L	91
49) Dibromochloromethane	8.00	129	2010	1.068 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	12049	5.946 ug/L	90

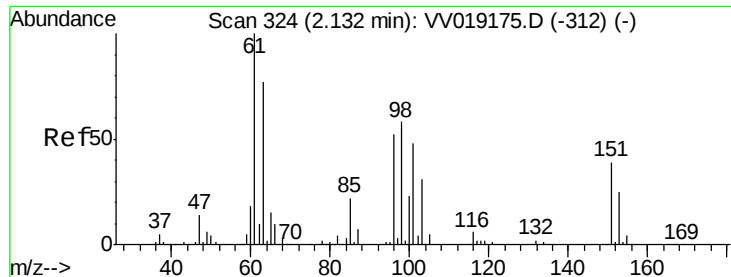
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.667 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019193.D

Acq: 30 Oct 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

VIBLK64

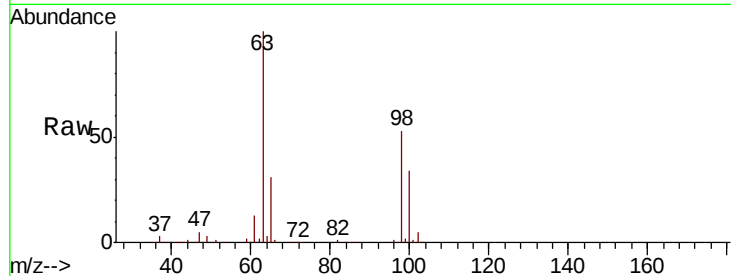
Tot Ion:101 Resp: 967

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

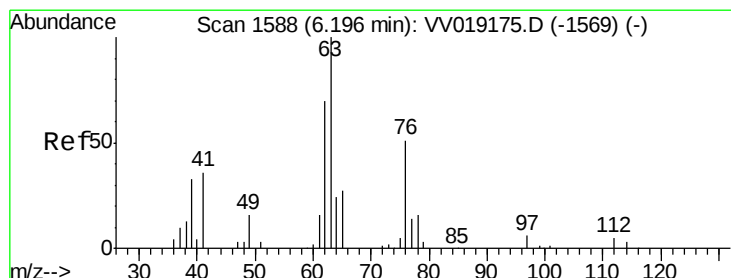
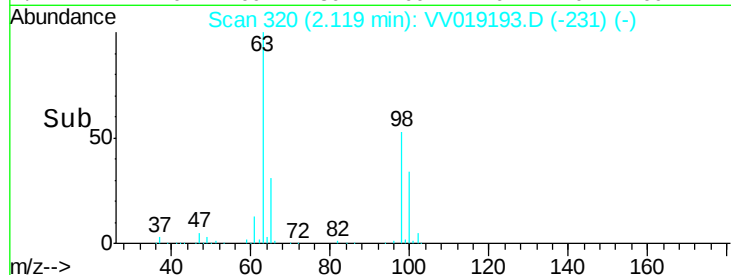
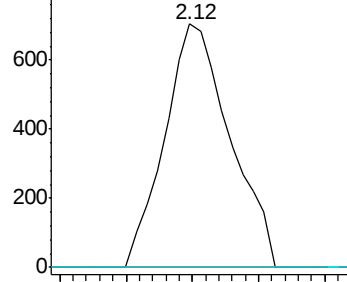
151 0.0 65.0 97.4#



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: 7.311 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV019193.D

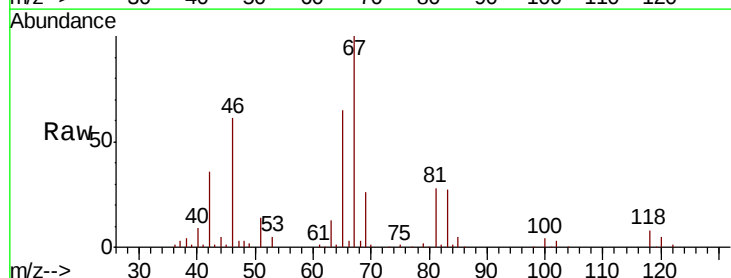
Acq: 30 Oct 2020 18:38

Tgt Ion: 63 Resp: 11332

Ion Ratio Lower Upper

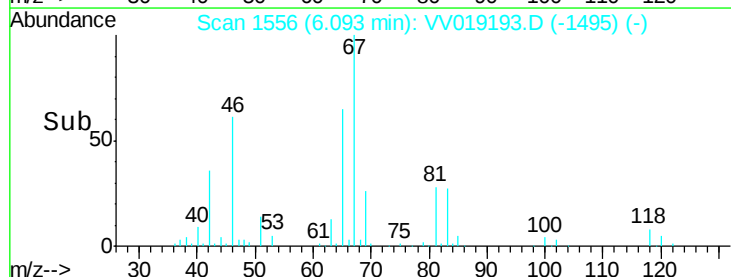
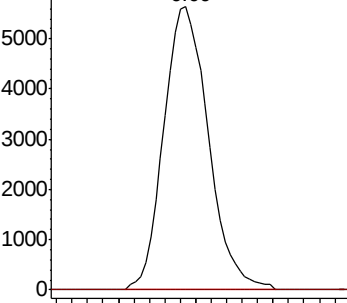
63 100

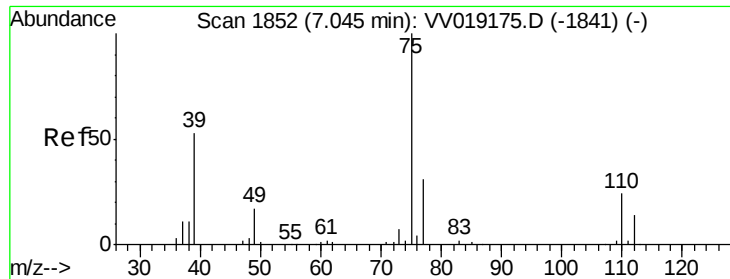
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

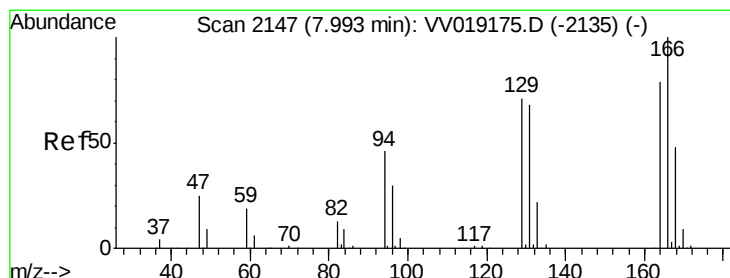
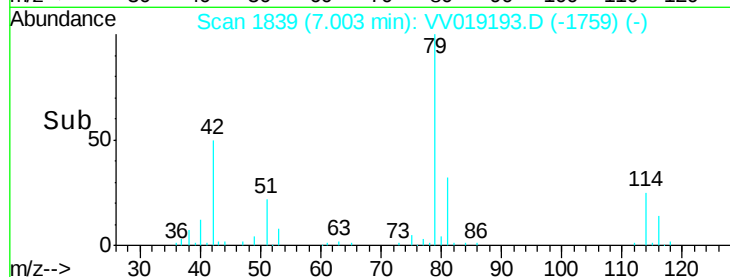
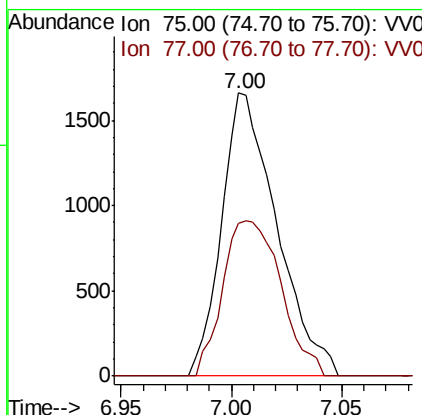
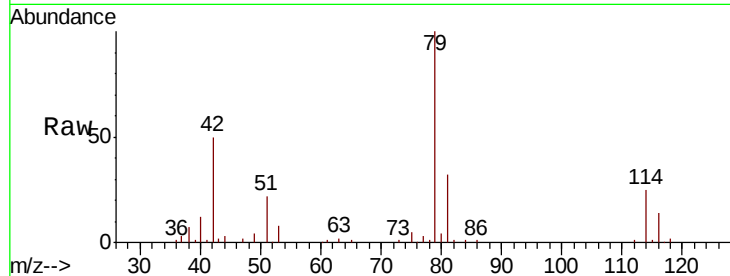




#39
 cis-1,3-Dichloropropene
 Concen: 1.130 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV019193.D
 Acq: 30 Oct 2020 18:38

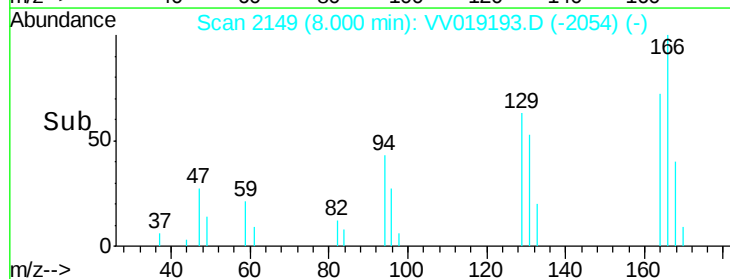
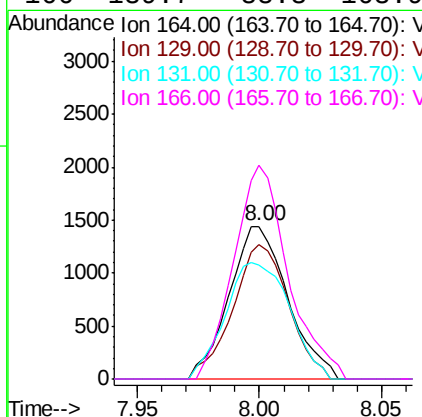
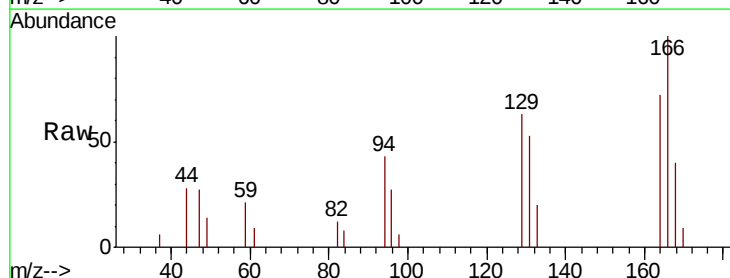
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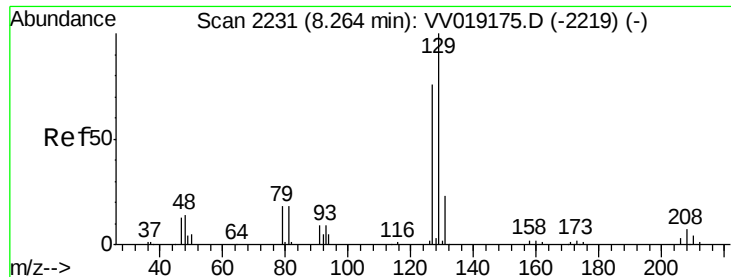
Tot Ion: 75 Resp: 2894
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.7 42.1#



#46
 Tetrachloroethene
 Concen: 1.644 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: VV019193.D
 Acq: 30 Oct 2020 18:38

Tgt Ion: 164 Resp: 2401
 Ion Ratio Lower Upper
 164 100
 129 87.9 63.2 117.4
 131 74.6 60.3 112.1
 166 139.7 88.3 163.9





#49

Dibromochloromethane

Concen: 1.068 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.26 min

Lab File: VV019193.D

Acq: 30 Oct 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

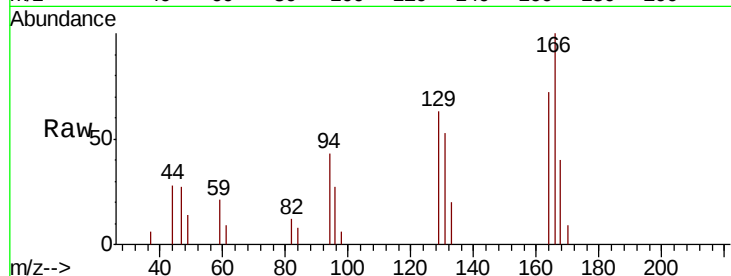
VIBLK64

Tot Ion:129 Resp: 2010

Ion Ratio Lower Upper

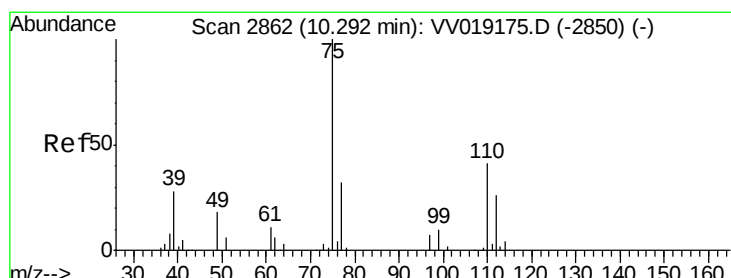
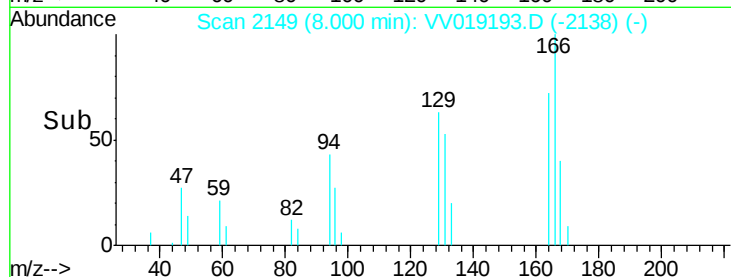
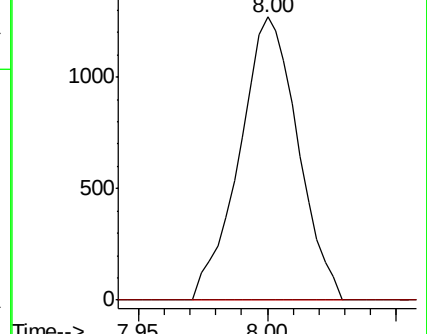
129 100

127 0.0 54.7 101.5#



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: 5.946 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019193.D

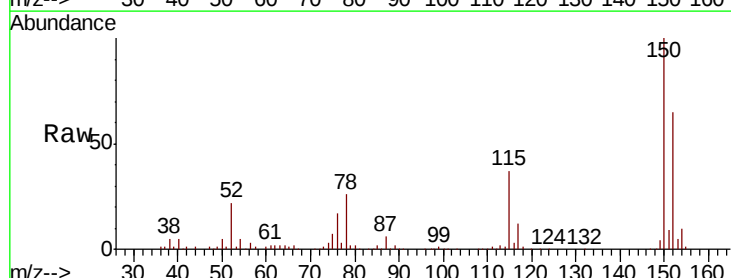
Acq: 30 Oct 2020 18:38

Tgt Ion: 75 Resp: 12049

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

