

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018602.D
 Acq On : 01 Oct 2020 20:47
 Operator : SY/MD
 Sample : L4237-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB9

Quant Time: Oct 02 04:19:52 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	299010	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152205	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89449	51.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.02%
7) Chloroethane-d5	1.58	69	83851	57.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.66%
11) 1,1-Dichloroethene-d2	2.12	63	148859	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
21) 2-Butanone-d5	3.92	46	117092	89.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.52%
24) Chloroform-d	4.38	84	174564	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.06	65	118837	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.07	84	345120	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
36) 1,2-Dichloropropane-d6	6.09	67	108428	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.96%
41) Toluene-d8	7.34	98	317917	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%
43) trans-1,3-Dichloropropene-	7.64	79	54177	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
47) 2-Hexanone-d5	8.11	63	67104	78.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131489	43.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	136249	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%

Target Compounds

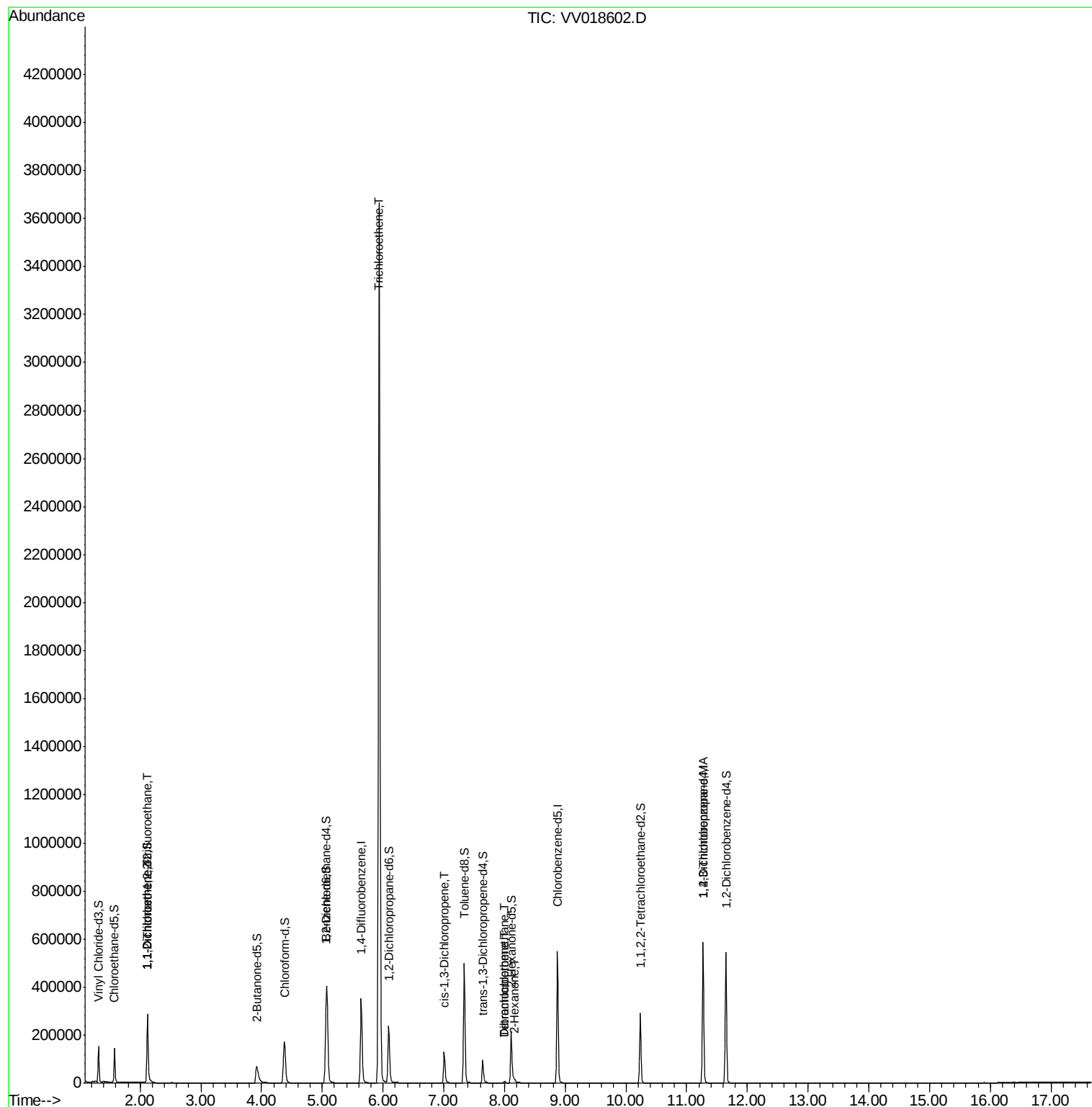
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1399	0.719 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1567	0.840 ug/L #	1
34) Trichloroethene	5.94	95	1240149	492.458 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	3616	1.036 ug/L #	60
46) Tetrachloroethene	8.00	164	1854	0.907 ug/L	89
48) 2-Hexanone	8.16	43	8853	3.951 ug/L #	72
49) Dibromochloromethane	8.00	129	2037	0.808 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	17244	6.370 ug/L #	88

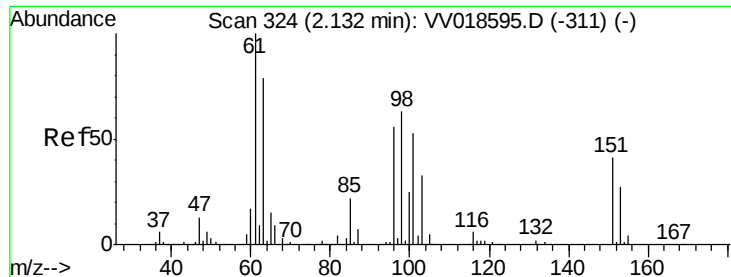
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.719 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018602.D

Acq: 01 Oct 2020 20:47

Instrument :

MSVOA_V

ClientSampleId :

E0AB9

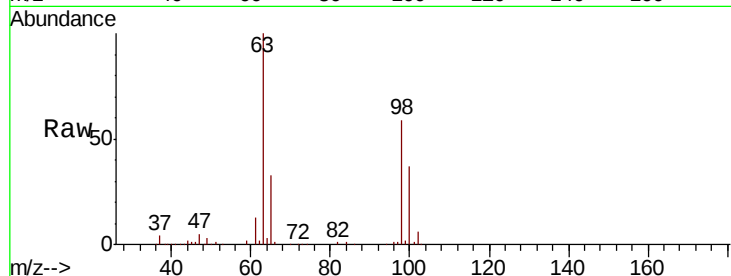
Tot Ion: 101 Resp: 1399

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

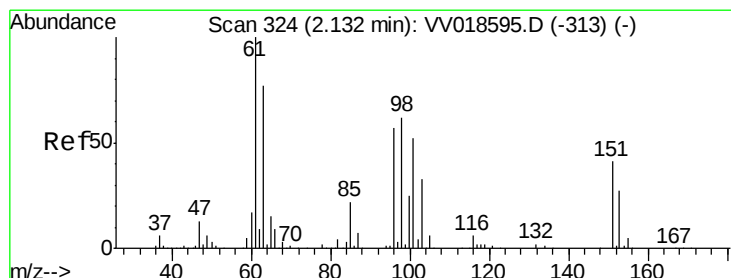
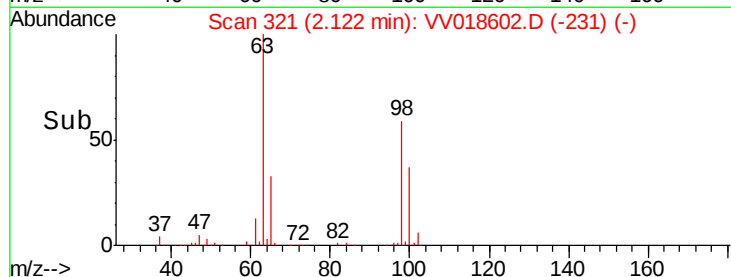
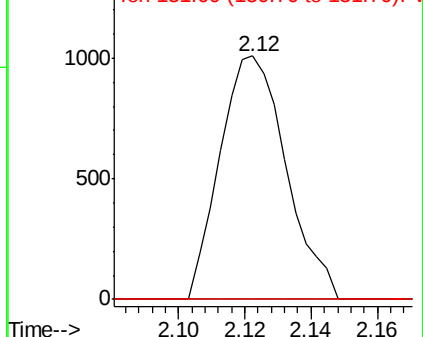
151 0.0 64.3 96.5#



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



#12

1,1-Dichloroethene

Concen: 0.840 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018602.D

Acq: 01 Oct 2020 20:47

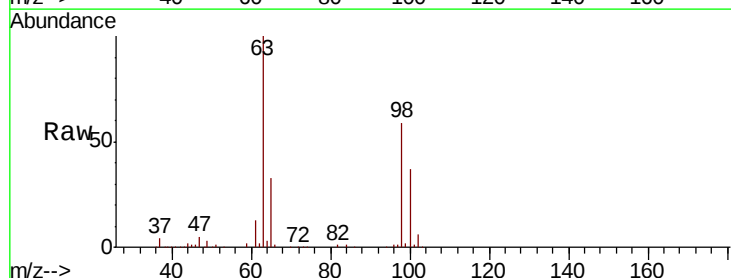
Tgt Ion: 96 Resp: 1567

Ion Ratio Lower Upper

96 100

61 1446.8 122.8 228.1#

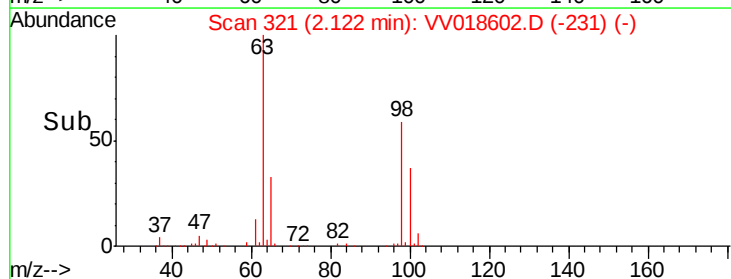
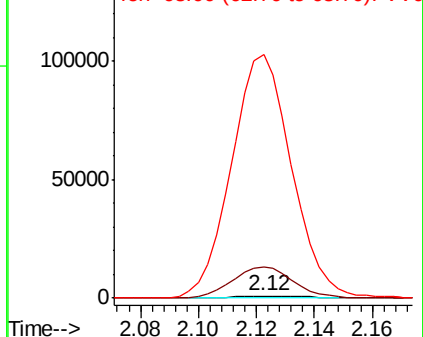
63 11178.3 91.9 170.7#

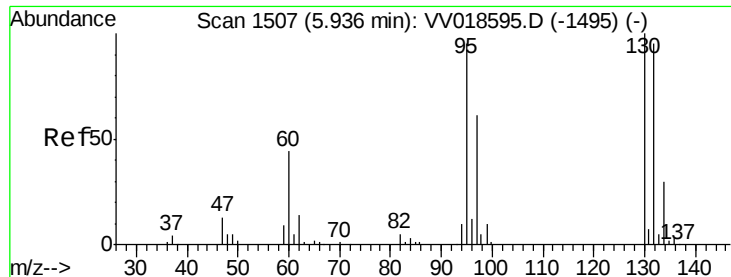


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

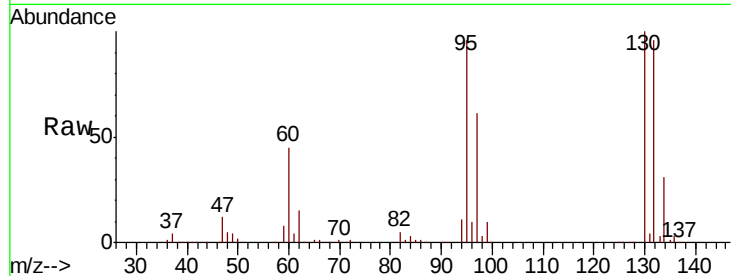




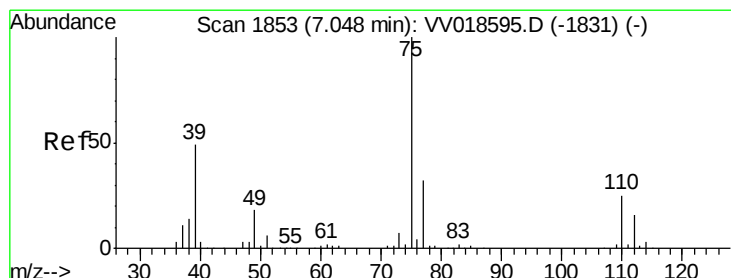
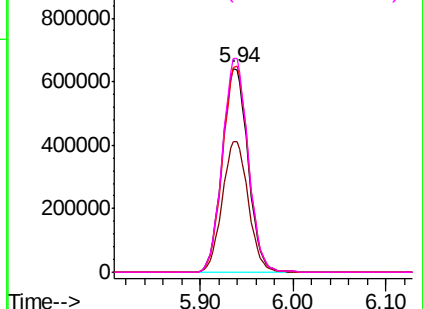
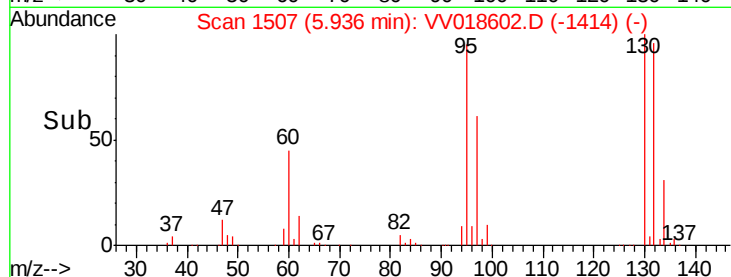
#34
 Trichloroethene
 Concen: 492.458 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018602.D
 Acq: 01 Oct 2020 20:47

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB9

Tot Ion: 95 Resp: 1240149
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.9 85.3
 132 100.2 70.8 131.4
 130 104.7 75.3 139.8

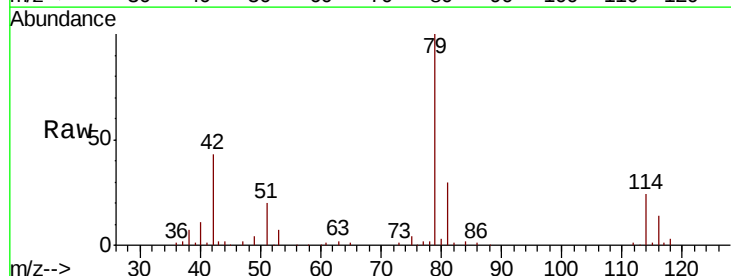


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

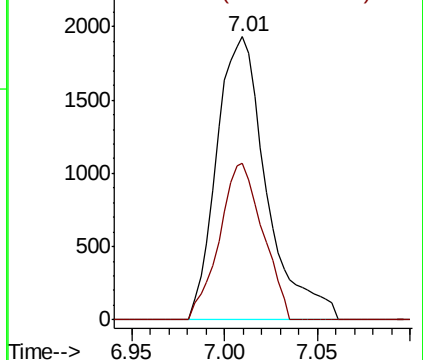
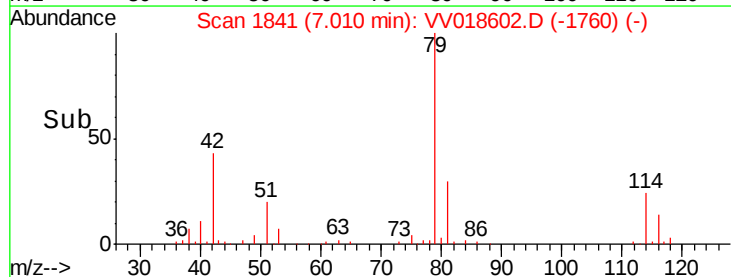


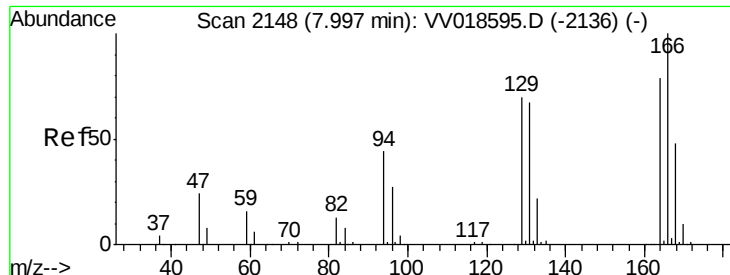
#39
 cis-1,3-Dichloropropene
 Concen: 1.036 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018602.D
 Acq: 01 Oct 2020 20:47

Tgt Ion: 75 Resp: 3616
 Ion Ratio Lower Upper
 75 100
 77 55.3 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 0.907 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018602.D

Acq: 01 Oct 2020 20:47

Instrument :

MSVOA_V

ClientSampleId :

E0AB9

Tot Ion:164 Resp: 1854

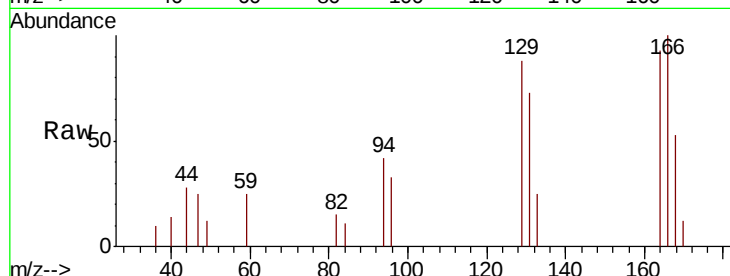
Ion Ratio Lower Upper

164 100

129 94.7 62.8 116.6

131 79.1 60.8 112.8

166 107.7 88.9 165.1

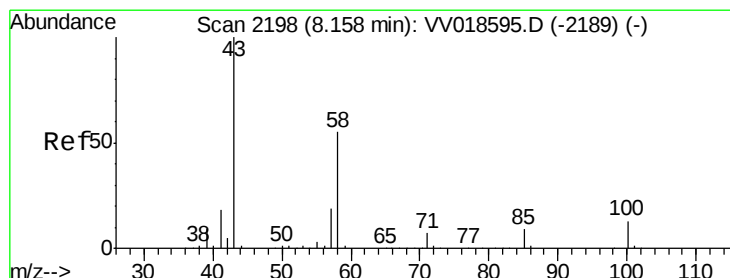
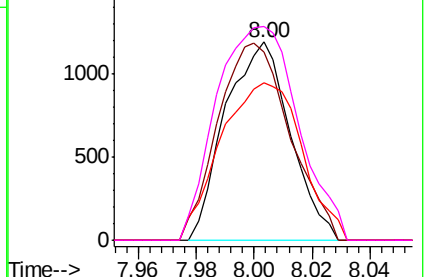
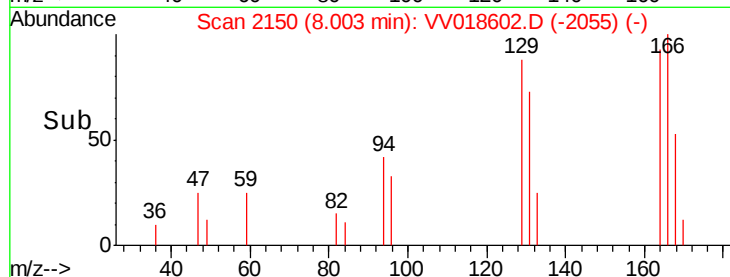


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.951 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018602.D

Acq: 01 Oct 2020 20:47

Tgt Ion: 43 Resp: 8853

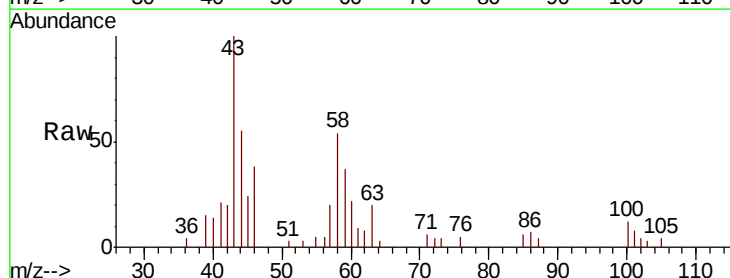
Ion Ratio Lower Upper

43 100

58 32.4 45.1 67.7#

57 8.5 15.7 23.5#

100 8.8 11.0 16.4#

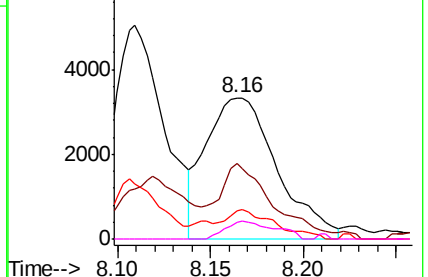
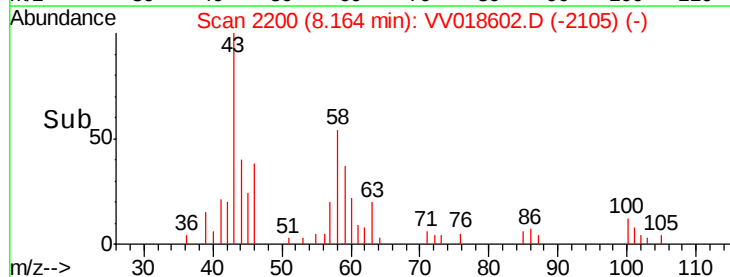


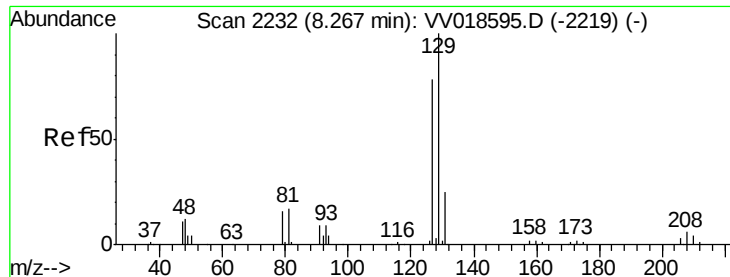
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 0.808 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV018602.D

Acq: 01 Oct 2020 20:47

Instrument :

MSVOA_V

ClientSampleId :

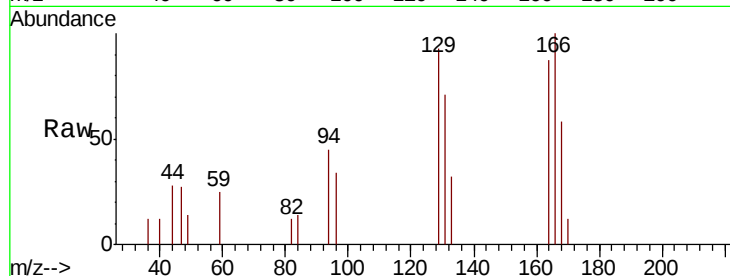
E0AB9

Tot Ion:129 Resp: 2037

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

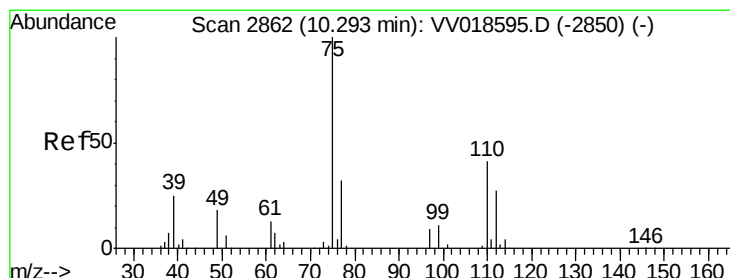
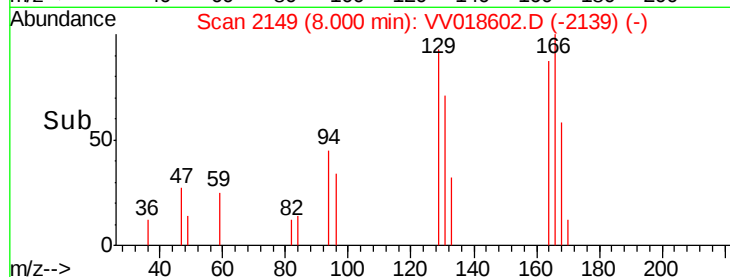
8.00

1000

500

0

Time--> 7.95 8.00



#59

1,2,3-Trichloropropane

Concen: 6.370 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018602.D

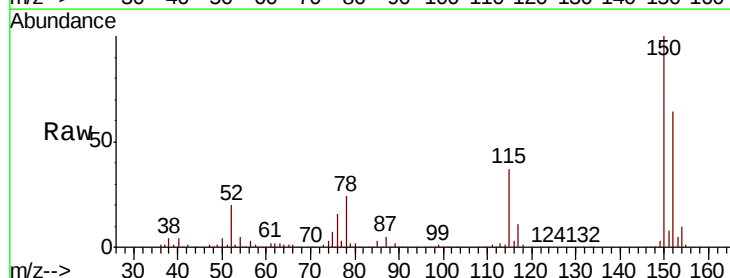
Acq: 01 Oct 2020 20:47

Tgt Ion: 75 Resp: 17244

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.27

12000

10000

8000

6000

4000

2000

0

Time--> 11.20 11.25 11.30

