

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018994.D
 Acq On : 20 Oct 2020 03:07
 Operator : SY/MD
 Sample : L4430-08 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8

Quant Time: Oct 20 06:54:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277450	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124969	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	88488	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.50%
7) Chloroethane-d5	1.58	69	81055	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.12	63	139745	32.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.82%
21) 2-Butanone-d5	3.90	46	172624	108.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.44%
24) Chloroform-d	4.37	84	197681	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.06	65	142214	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.42%
32) Benzene-d6	5.07	84	372765	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.09	67	116015	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.10%
41) Toluene-d8	7.34	98	292640	40.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.90%
43) trans-1,3-Dichloropropene-	7.64	79	52191	41.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.84%
47) 2-Hexanone-d5	8.11	63	80292	84.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.87%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125880	42.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	124898	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%

Target Compounds

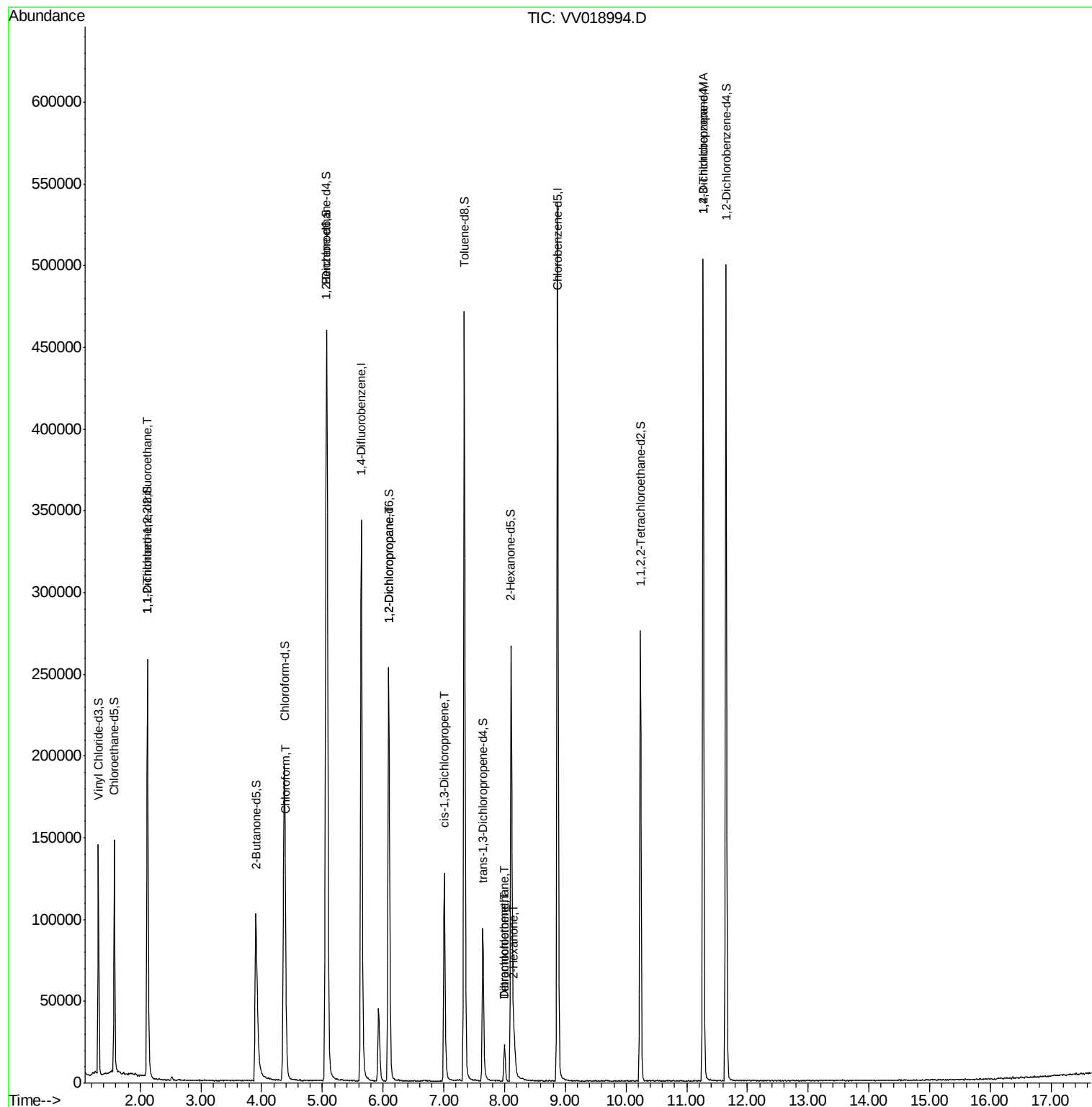
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1220	0.678 ug/L #	20
25) Chloroform	4.40	83	5373	1.356 ug/L	100
37) 1,2-Dichloropropane	6.09	63	13739	6.136 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3379	1.004 ug/L #	78
46) Tetrachloroethene	8.00	164	5231	3.077 ug/L	96
48) 2-Hexanone	8.16	43	15999	6.535 ug/L #	82
49) Dibromochloromethane	8.00	129	4559	2.068 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	14368	5.301 ug/L #	87

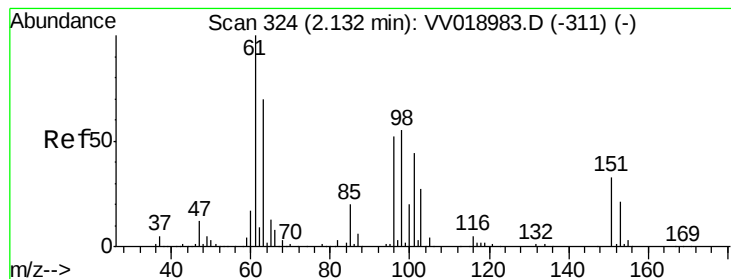
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 03:20:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.678 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018994.D

Acq: 20 Oct 2020 03:07

Instrument :

MSVOA_V

ClientSampleId :

C0AB8

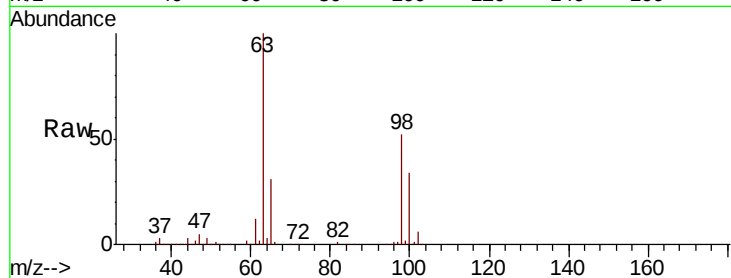
Tot Ion:101 Resp: 1220

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

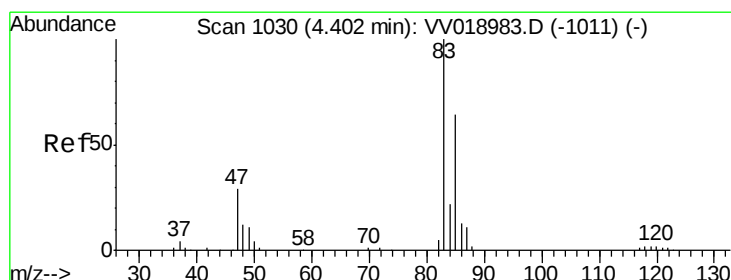
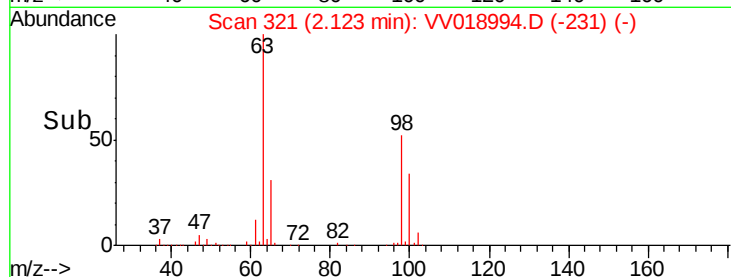
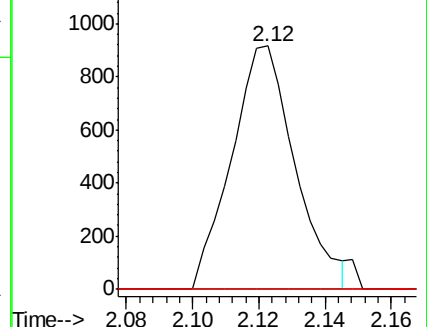
151 0.0 59.7 89.5#



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



#25

Chloroform

Concen: 1.356 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV018994.D

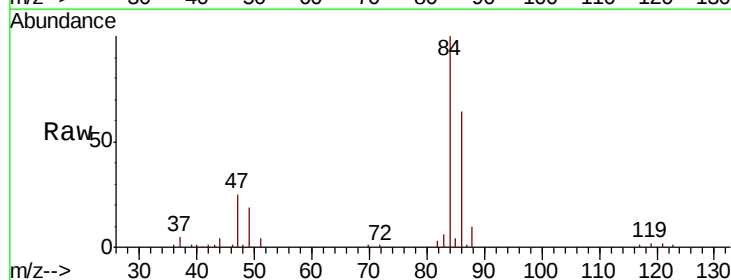
Acq: 20 Oct 2020 03:07

Tgt Ion: 83 Resp: 5373

Ion Ratio Lower Upper

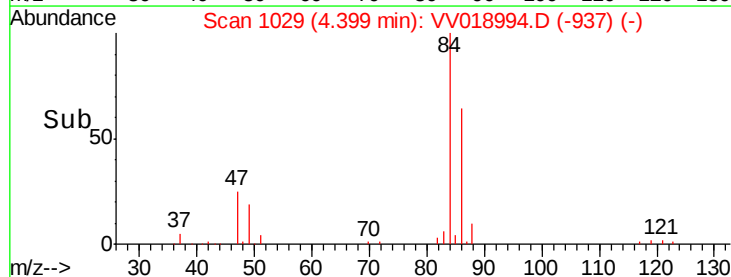
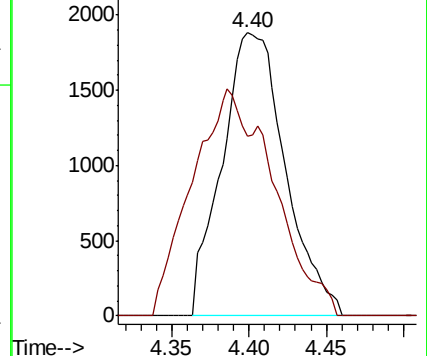
83 100

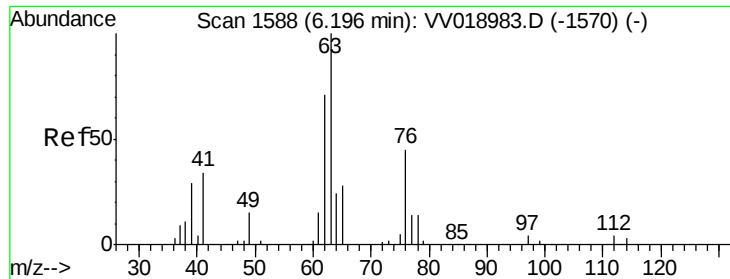
85 63.6 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

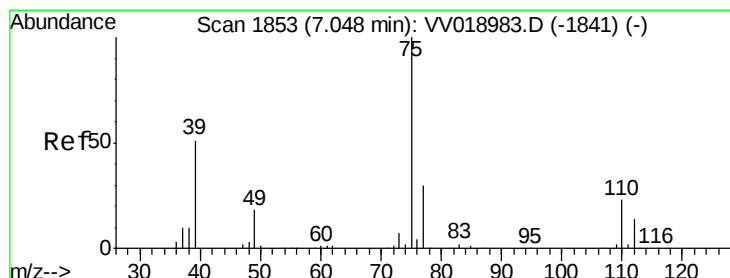
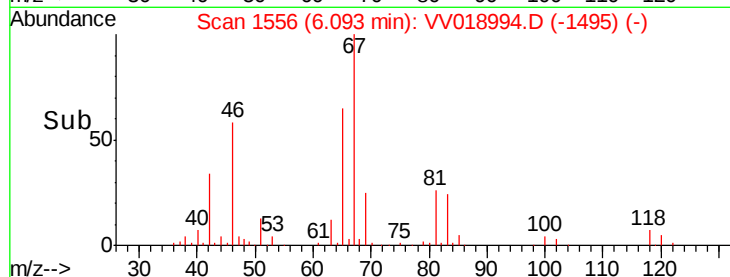
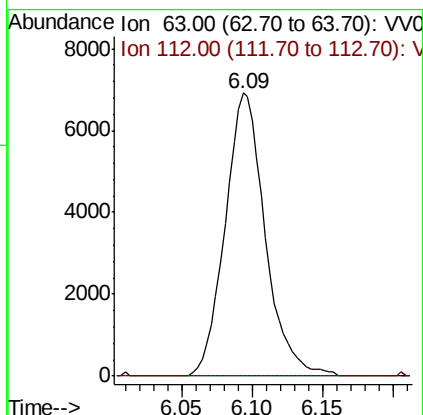
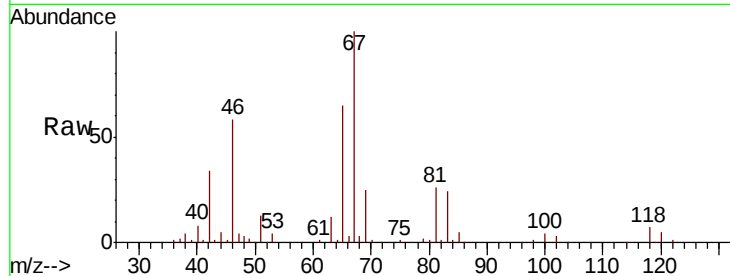




#37
 1,2-Dichloropropane
 Concen: 6.136 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018994.D
 Acq: 20 Oct 2020 03:07

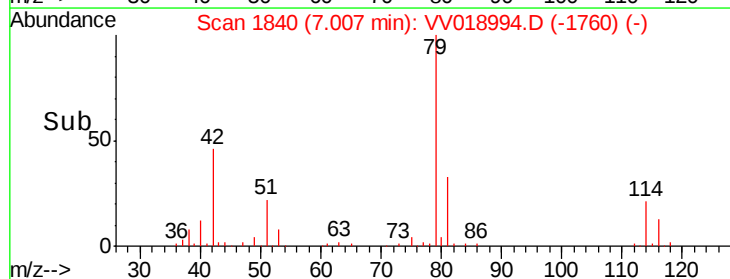
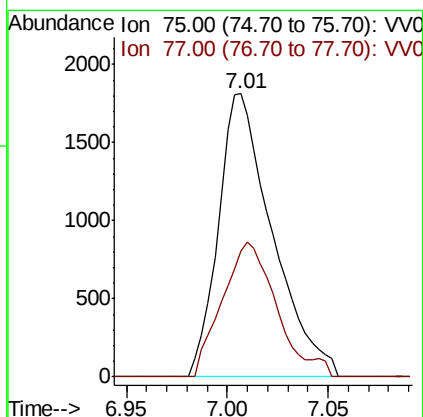
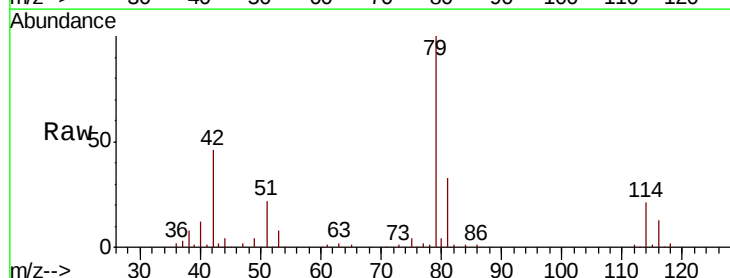
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8

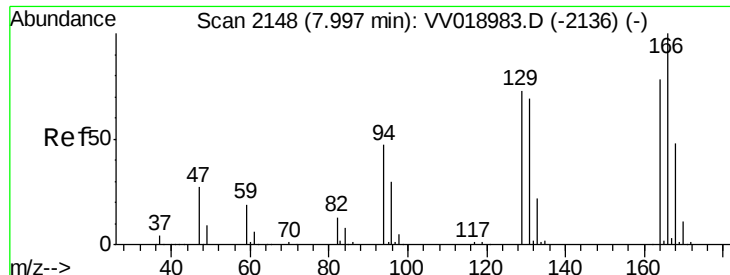
Tot Ion: 63 Resp: 13739
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 1.004 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018994.D
 Acq: 20 Oct 2020 03:07

Tgt Ion: 75 Resp: 3379
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.5 41.9#





#46

Tetrachloroethene

Concen: 3.077 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018994.D

Acq: 20 Oct 2020 03:07

Instrument :

MSVOA_V

ClientSampleId :

C0AB8

Tot Ion:164 Resp: 5231

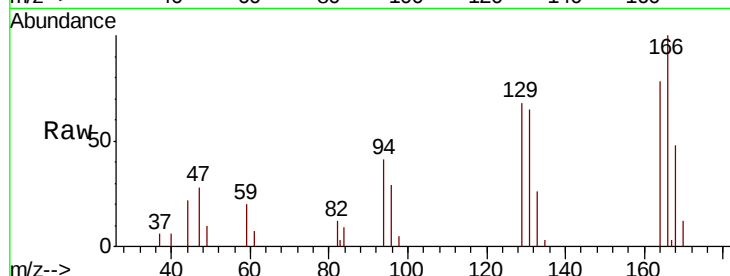
Ion Ratio Lower Upper

164 100

129 87.2 65.0 120.8

131 83.6 62.9 116.7

166 128.0 91.1 169.3

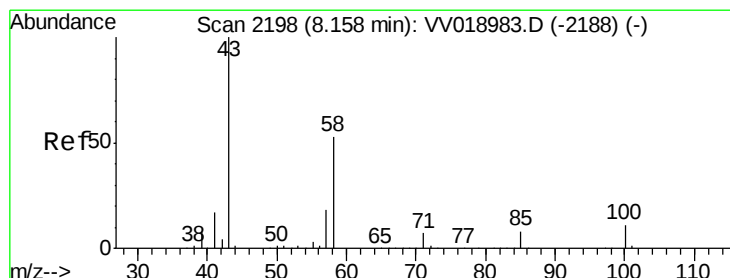
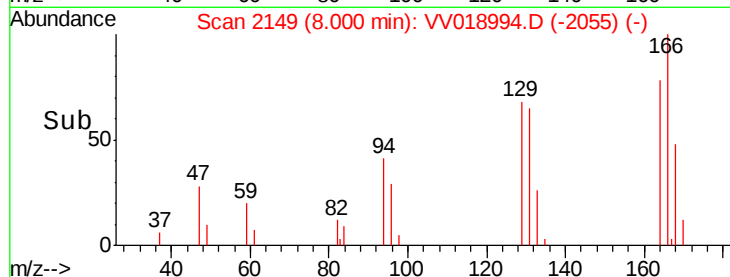
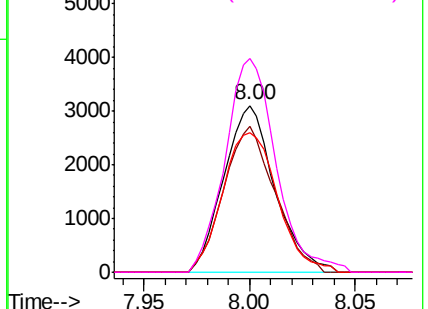


Abundance Ion 164.00 (163.70 to 164.70): V

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: 6.535 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018994.D

Acq: 20 Oct 2020 03:07

Tgt Ion: 43 Resp: 15999

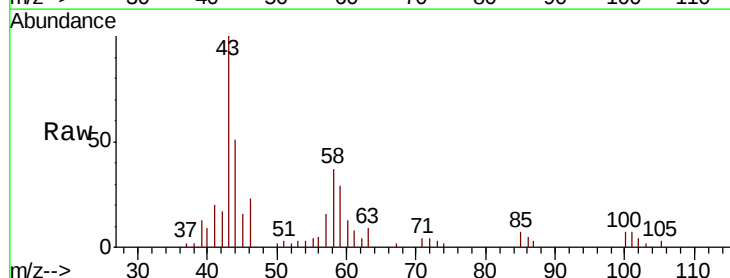
Ion Ratio Lower Upper

43 100

58 37.5 42.5 63.7#

57 14.5 14.5 21.7

100 4.5 9.0 13.4#

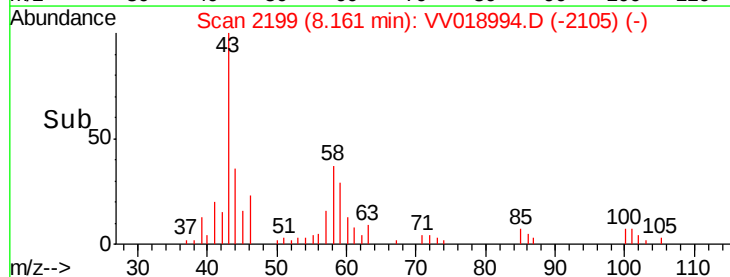
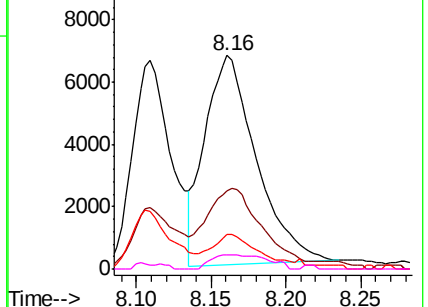


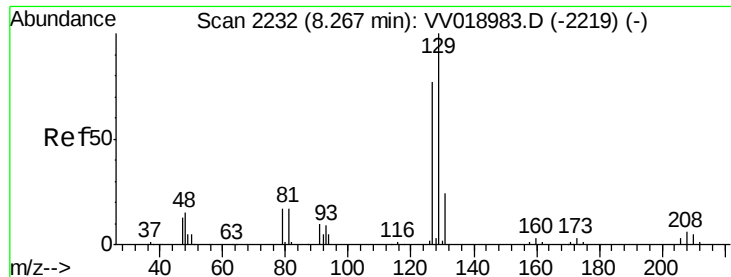
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 2.068 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV018994.D

Acq: 20 Oct 2020 03:07

Instrument :

MSVOA_V

ClientSampleId :

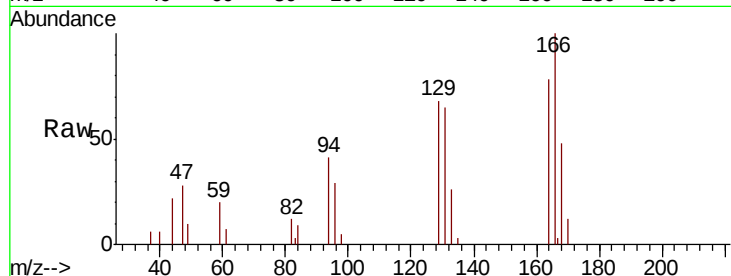
C0AB8

Tot Ion:129 Resp: 4559

Ion Ratio Lower Upper

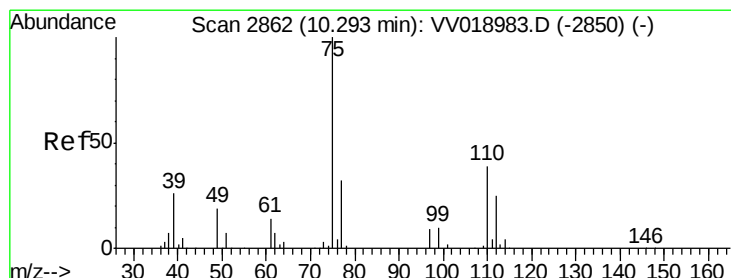
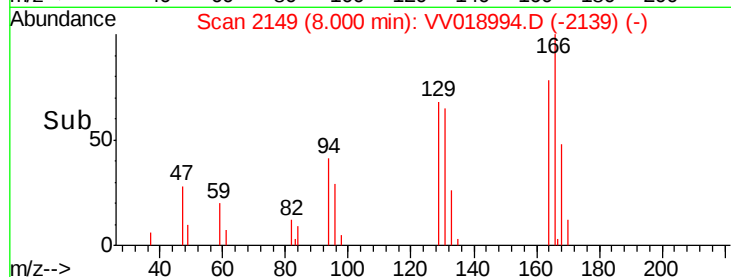
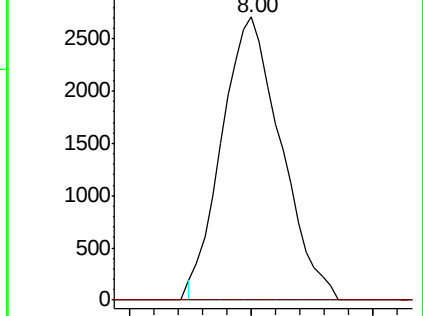
129 100

127 0.0 55.2 102.6#



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: 5.301 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018994.D

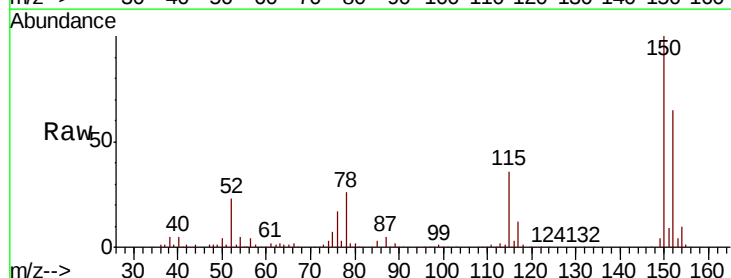
Acq: 20 Oct 2020 03:07

Tgt Ion: 75 Resp: 14368

Ion Ratio Lower Upper

75 100

77 38.8 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

