

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019358.D
 Acq On : 12 Nov 2020 17:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK98

Quant Time: Nov 13 01:14:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	207614	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	208693	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112855	50.00	ug/L	0.00

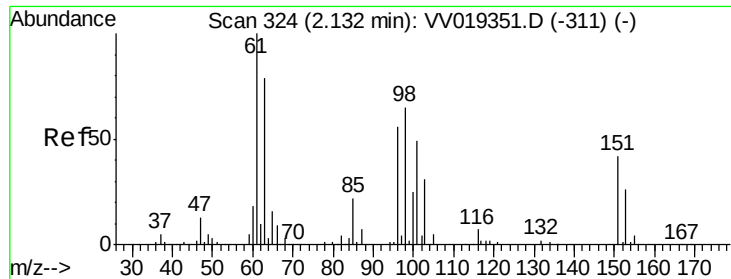
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74761	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.54%
7) Chloroethane-d5	1.58	69	63601	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.02%
11) 1,1-Dichloroethene-d2	2.12	63	121508	37.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.46%
21) 2-Butanone-d5	3.91	46	85849	106.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	4.38	84	146118	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.06	65	104588	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
32) Benzene-d6	5.07	84	265286	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.09	67	76242	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.34	98	252994	48.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.18%
43) trans-1,3-Dichloropropene-	7.64	79	44479	46.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.30%
47) 2-Hexanone-d5	8.11	63	55197	98.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.52%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	97281	47.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	114408	53.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1194	0.871	ug/L #	15
35) Methylcyclohexane	6.09	83	21660	11.038	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	9981	7.801	ug/L #	83
39) cis-1,3-Dichloropropene	7.01	75	3092	1.410	ug/L #	72
44) trans-1,3-Dichloropropene	7.64	75	2264	0.969	ug/L #	70
46) Tetrachloroethene	8.00	164	1119	0.800	ug/L	85
48) 2-Hexanone	8.16	43	4533	3.583	ug/L #	41
49) Dibromochloromethane	8.00	129	1020	0.573	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	10593	6.062	ug/L	93

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



#10

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

Concen: 0.871 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019358.D

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MSVOA_V

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VIBLK98

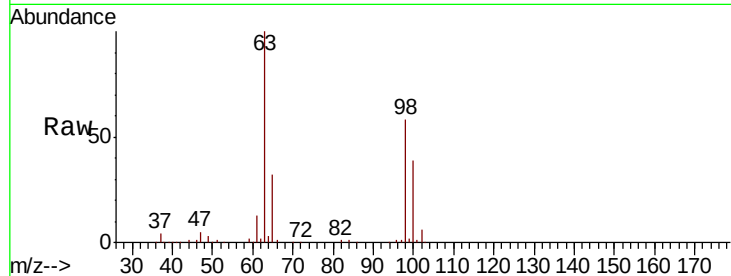
Tot Ion:101 Resp: 1194

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

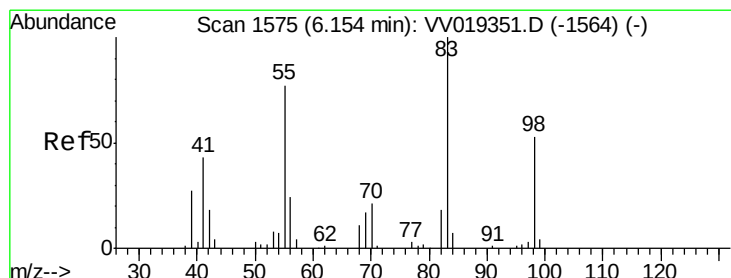
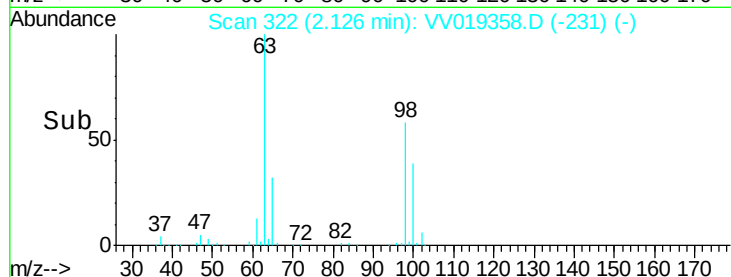
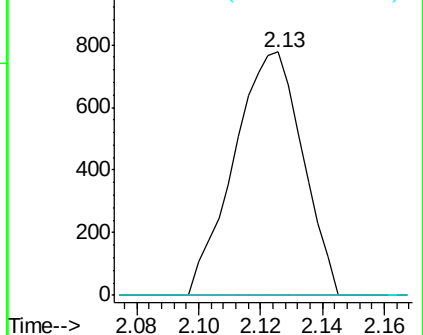
151 0.0 69.2 103.8#



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



#35

Methylcyclohexane

Concen: 11.038 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV019358.D

Acq: 12 Nov 2020 17:46

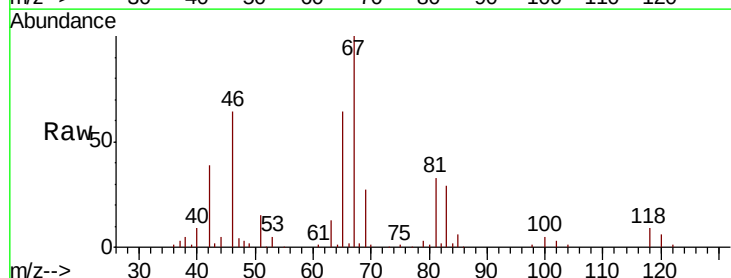
Tgt Ion: 83 Resp: 21660

Ion Ratio Lower Upper

83 100

55 0.3 58.6 88.0#

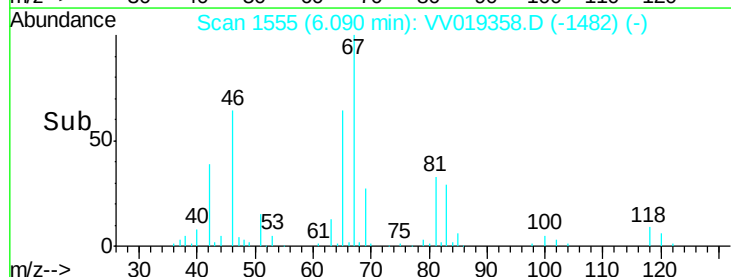
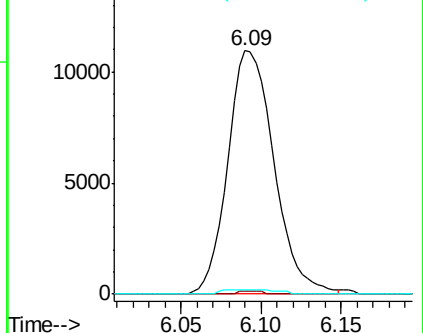
98 1.2 41.4 62.0#

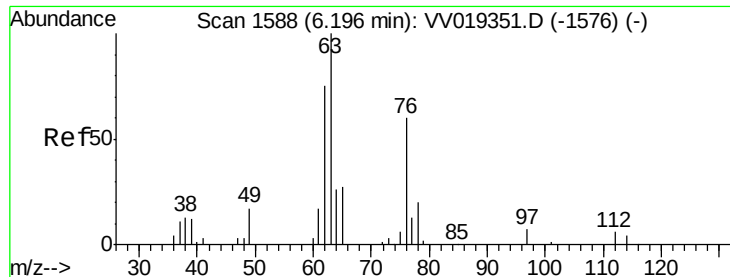


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

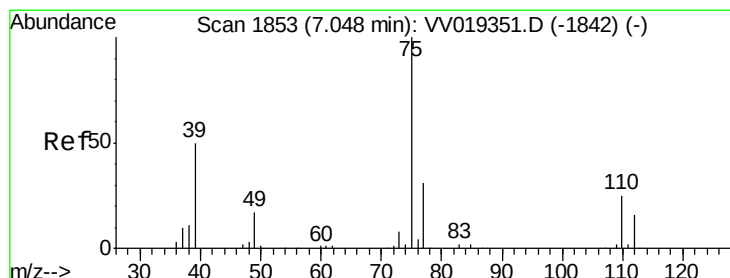
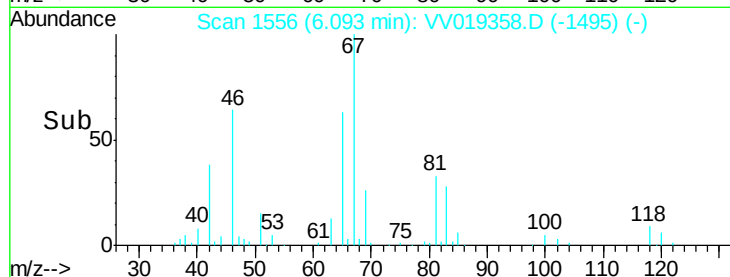
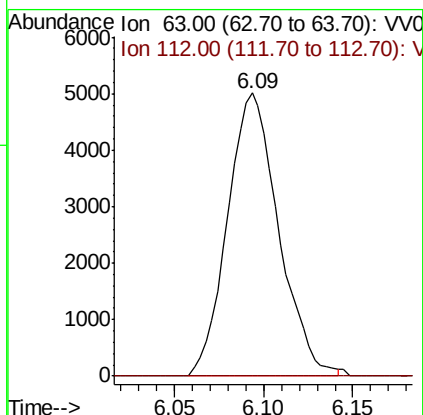
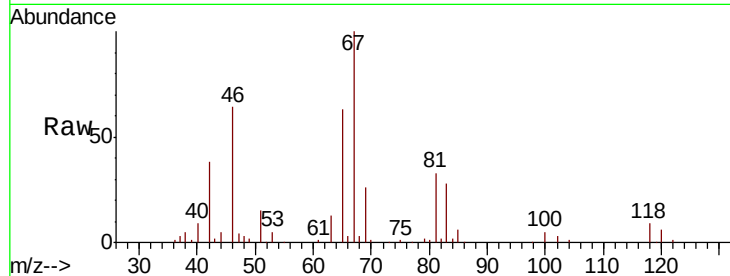




#37
 1,2-Dichloropropane
 Concen: 7.801 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019358.D
 Acq: 12 Nov 2020 17:46

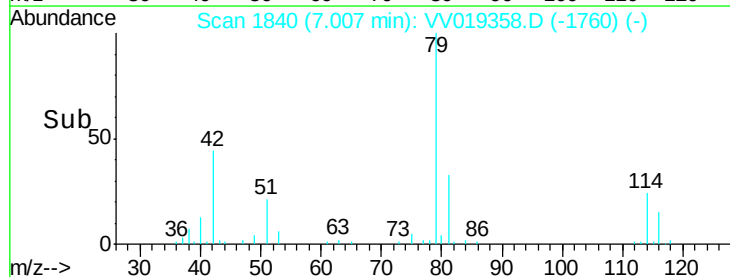
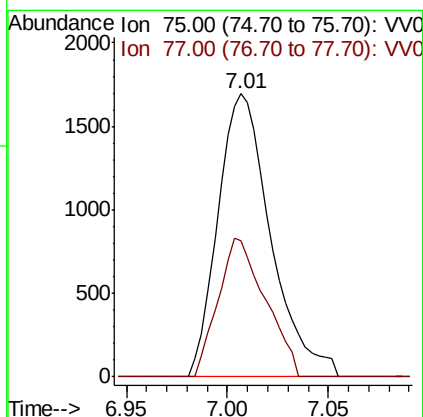
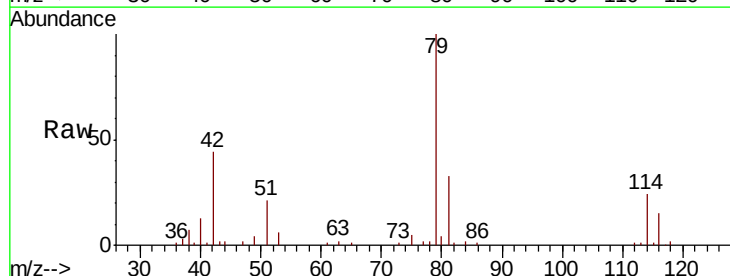
Instrument :
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 VIBLK98

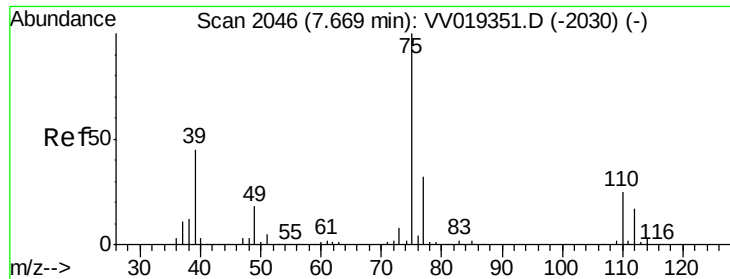
Tot Ion: 63 Resp: 9981
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.410 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019358.D
 Acq: 12 Nov 2020 17:46

Tgt Ion: 75 Resp: 3092
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.7 42.1#





#44

trans-1,3-Dichloropropene

Concen: 0.969 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. -0.03 min

Lab File: VV019358.D

Acq: 12 Nov 2020 17:46

Instrument :

MSVOA_V

ClientSampleId :

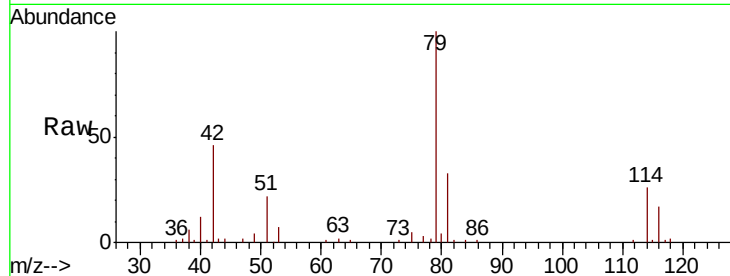
VIBLK98

Tot Ion: 75 Resp: 2264

Ion Ratio Lower Upper

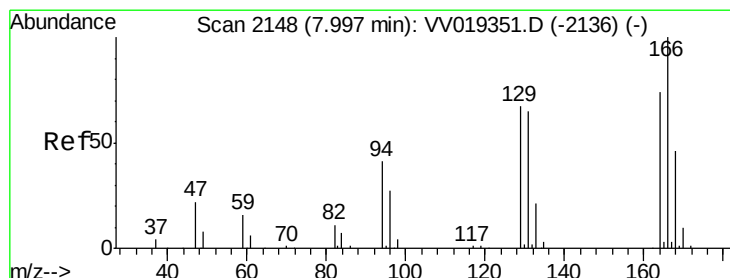
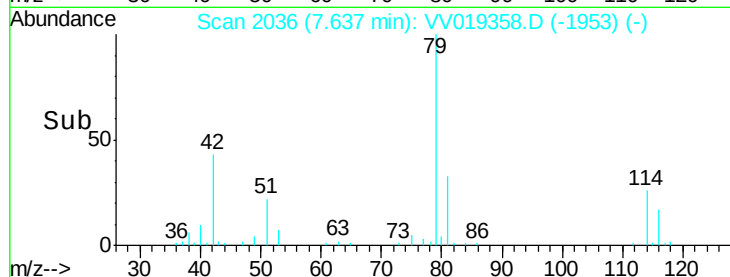
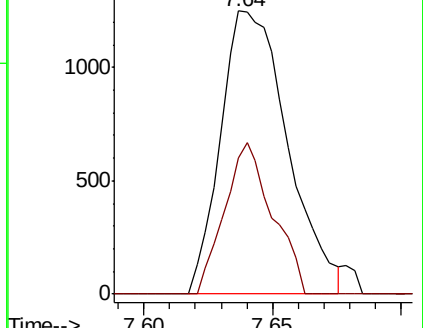
75 100

77 48.0 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VV019351.D (-2030) (-)

Ion 77.00 (76.70 to 77.70): VV019351.D (-2030) (-)



#46

Tetrachloroethene

Concen: 0.800 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV019358.D

Acq: 12 Nov 2020 17:46

Tgt Ion:164 Resp: 1119

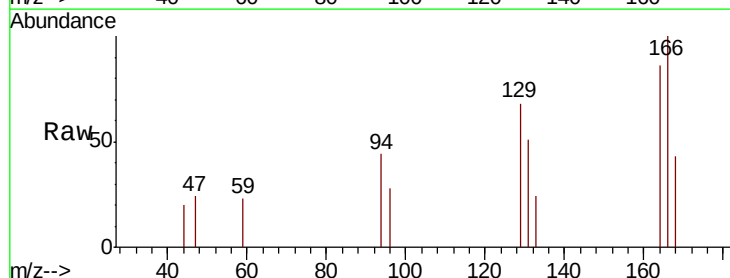
Ion Ratio Lower Upper

164 100

129 79.0 60.9 113.1

131 59.5 58.9 109.5

166 116.0 91.4 169.8

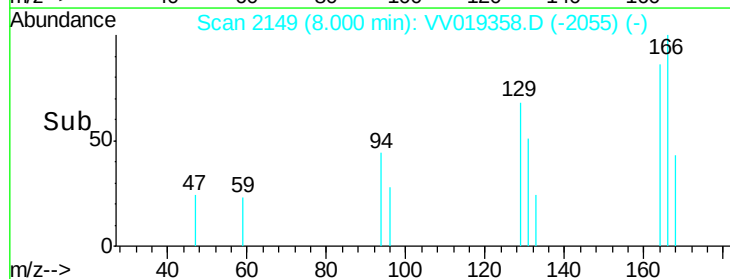
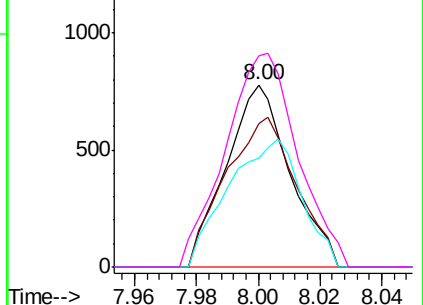


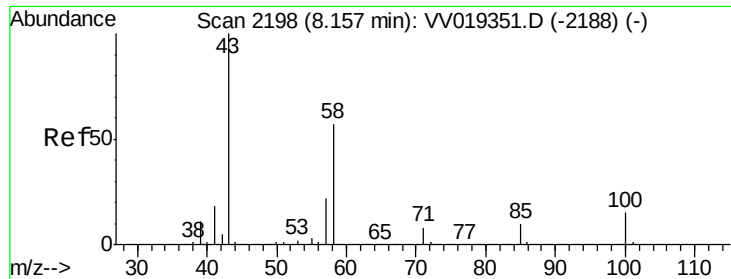
Abundance Ion 164.00 (163.70 to 164.70): VV019351.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV019351.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV019351.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV019351.D (-2136) (-)

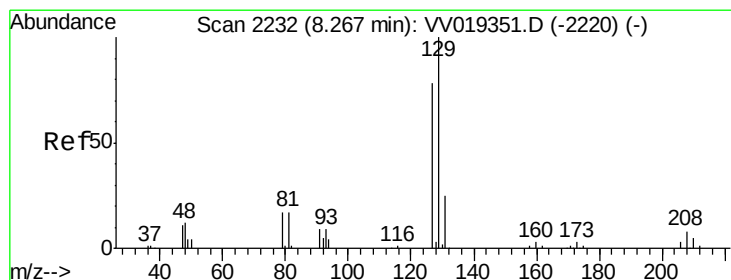
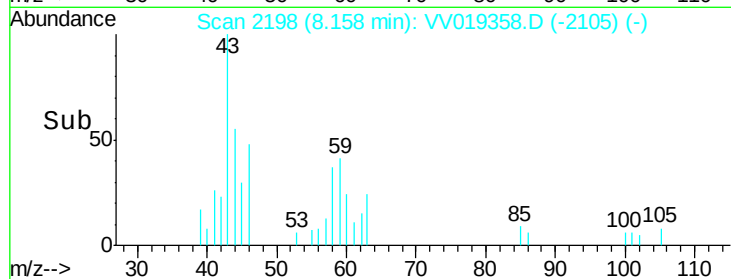
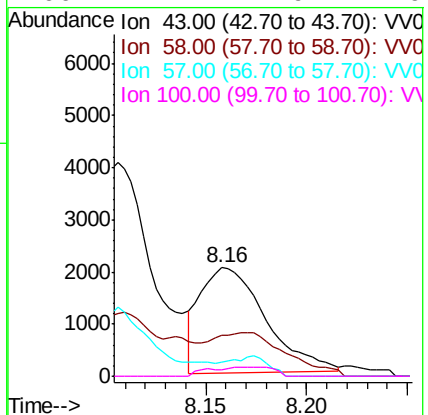
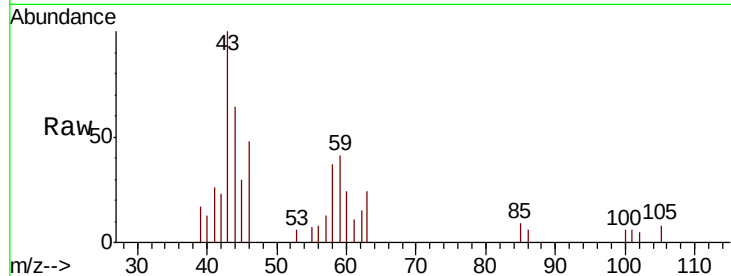




#48
2-Hexanone
Concen: 3.583 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019358.D
Acq: 12 Nov 2020 17:46

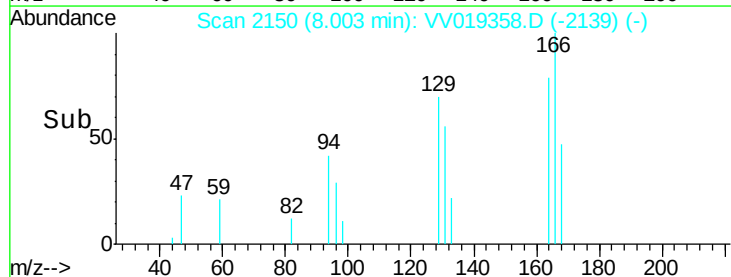
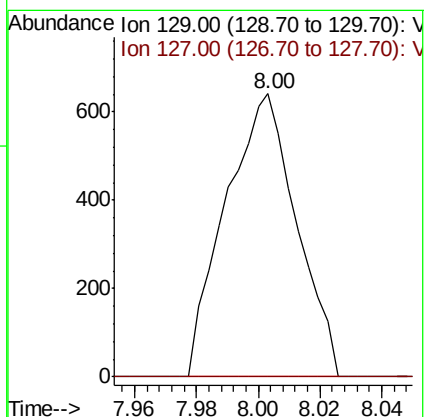
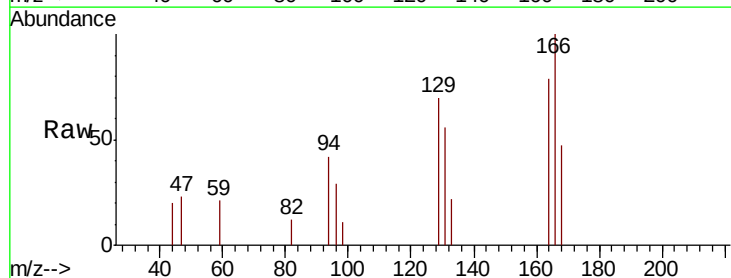
Instrument :
MSVOA_V
ClientSampleId :
VIBLK98

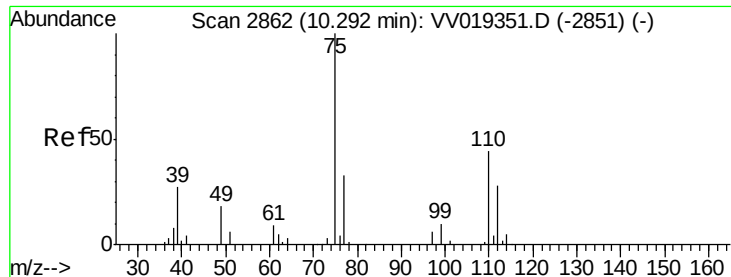
Tot Ion: 43 Resp: 4533
Ion Ratio Lower Upper
43 100
58 0.0 43.6 65.4#
57 5.1 17.2 25.8#
100 2.1 11.9 17.9#



#49
Dibromochloromethane
Concen: 0.573 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. -0.26 min
Lab File: VV019358.D
Acq: 12 Nov 2020 17:46

Tgt Ion: 129 Resp: 1020
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#





#59

1,2,3-Trichloropropane

Concen: 6.062 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019358.D

Acq: 12 Nov 2020 17:46

Instrument :

MSVOA_V

ClientSampleId :

VIBLK98

Tot Ion: 75 Resp: 10593

Ion Ratio Lower Upper

75 100

77 35.0 25.0 37.4

